FINAL REPORT

1200 KING ROAD DEVELOPMENT

BURLINGTON, ONTARIO

TRANSPORTATION RELATED AIR POLLUTANTS STUDY

RWDI #2306527

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SUBMITTED TO

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1 INTRODUCTION

RWDI was retained by Alinea Land Corporation to conduct a Transportation Related Air Pollutants (TRAP) Study for the proposed residential development to be located at 1200 King Road in Burlington, Ontario ("subject lands"). The site area is approximately 49.1 Hectares with a net developable area of 33.4 Hectares. The majority of the non-developed land is in the western half which would remain as a part of the Natural Heritage System. The land uses include residential, retail, campus, entertainment district, park space, community and hotel. **Figure 1** shows the site layout at the proposed development. The TRAP assessment addresses air quality effects associated with vehicle and diesel locomotive traffic in the vicinity of the subject lands.

2 METHODOLOGY

The TRAP study followed the approach requested previously by the City of Burlington for similar projects. It relied on the following two components:

- Air quality monitoring data published by Environment Canada and/or the Ministry of Environment, Conservation, and Parks (MECP) to estimate what current air quality conditions are at the subject lands if Highway 403 (HWY-403), GO transit railway, Aldershot GO station and Canadian National (CN) Aldershot rail yard were not located near the development (referred to as background air quality); and
- A computer simulation technique known as dispersion modelling to predict the contribution of vehicle exhaust from a section of HWY-403, Aldershot GO station parking lots and the contribution of nearby railway emissions to contaminant levels at the proposed development.

The predicted concentrations of air contaminants contributed by the sources above were added to the estimated background concentrations. The resulting cumulative concentrations were compared to relevant air quality objectives.

2.1 Air Pollutants of Interest

The TRAP study assessed the following key air pollutants associated with motor vehicles and diesel locomotives: nitrogen dioxide (NO_2), respirable particulate matter ($PM_{2.5}$), benzo(a)pyrene and benzene. **Table 1** lists the ambient air quality objectives for these air contaminants that have been established by the provincial and federal governments. For each air contaminant, the objectives consist of upper limits of desired concentration in air, for various averaging periods, presented in units of micrograms per cubic metre of air ($\mu g/m^3$).

Table 1: Air Quality Criteria

Pollutant	Basis	Objective (µg/m³)	Description
NO_2	Max 1-hour concentration	400	Ontario Ambient Air Quality Criterion (AAQC)
	Max 24-hour concentration	200	AAQC
	Annual 8th highest daily max 1-hour concentration (3-year average)	83	2025 Canadian Ambient Air Quality Standard (CAAQS)
	1-year average concentration	24	2025 CAAQS
Benzene	Maximum 24-hour concentration	2.3	AAQC
	1-year Average concentration	0.45	AAQC
$PM_{2.5}$	8th highest 24-hour concentration	23	2030 CAAQS
	3-year Average	8.0	2030 CAAQS
Benzo(a)pyrene	Maximum 24-hour concentration	5.0E-05	AAQC
	1-year Average concentration	1.0E-05	

2.2 Estimating Background Concentrations

Background pollutant concentrations were estimated using monitoring data from Environment and Climate Change Canada's National Pollutant Surveillance (NAPS) program. In addition to air pollutants identified in Section 2.1, monitoring data for ground-level ozone (O_3) was obtained, as it is used to predict NO_2 concentrations contributed by highway and railway traffic.

All monitoring data came from the NAPS monitoring stations (Table 2). Each station is located in an urban or suburban setting well removed from major highway and rail corridors. Since the monitoring stations are located near ground level and reflect ubiquitous ground levels sources, such as local transportation grids, building heating systems, and small industrial facilities, which typically result in higher measured concentrations at or near grade. Therefore, the reported data has the tendency to overestimate background concentrations at the upper floors of the towers of the proposed development and represents a conservatively high estimate of background conditions further up the building.

In the case of NO_2 and O_3, hourly monitoring data were available. These data were analyzed to determine representative values of background concentration to be added to the predicted concentrations contributed by the HWY-403 and railway. For short averaging periods (1 hour and 24 hours) the representative values consisted of 90th percentile concentrations by hour of the day. For the annual averaging period the representative values consisted of annual average values by hour of the day. This is in keeping with widely accepted practice for conducting environmental assessments for transportation projects.

For benzene and benzo(a)pyrene the monitoring data consisted of 24-hour average concentrations. It was not possible to calculate background values by hour of the day, therefore, for these contaminants, the background concentrations for the 24-hour averaging period consisted of 90th percentile values. The sources of background monitoring data used for this study are presented in **Table 2**.

The background monitoring data used in the study reflect the period from 2015 through 2019, inclusive, as this excludes the effect of the COVID-19 pandemic restrictions. These restrictions had a noticeable effect on air emissions, especially due to reduction in vehicle traffic resulting from work-from-home policies, as well as reduced industrial output and other related factors. Thus, the background monitoring data is expected to be more appropriate than using the five (5) most recent years of data.

Table 2: Source of Background Monitoring Data Used in Study

Chemical	NAPS ID and Location	Years included
NO_2	63001 - Burlington	2015 to 2019
Benzene	60512 – Hamilton Downtown	2015 to 2019
$PM_{2.5}$	63001 - Burlington	2015 to 2019
Benzo(a) Pyrene	60512 – Hamilton Downtown 60430 – Toronto West	2015 and 2016 2016 and 2018
Ozone	63001 - Burlington	2015 to 2019

2.3 Dispersion Modelling

The dispersion model assessment was conducted using the U.S. EPA AERMOD dispersion model, version 22112. This is currently the approved model for regulatory purposes in Ontario and widely used for conducting assessments of transportation sources. The model predicts the dispersion of emissions from vehicles moving along highway HWY-403, moving and idling in parking lots and movement and idling of diesel locomotives in the nearby railways. This results in a series of predicted concentrations at locations of interest such as windows, balconies, air intakes and amenity areas, which are collectively known as receptors. Inputs to the dispersion model include estimated contaminant emission rates for vehicles and locomotives, the layout of the highway and rail lines, terrain elevation data, hourly meteorological data and background ozone concentrations for the purposes of atmospheric chemical transformation processes. The emissions from these sources are estimated using traffic data for both vehicles and trains and emission factors developed by the U.S. EPA and other agencies,

The input data for the dispersion model are discussed in the following sections. The emission estimation methodology is described in a separate section.

2.3.1 Meteorological Data

Meteorological data used in the modelling was obtained from the Regional Meteorological and Terrain Data for Air Dispersion Modelling web site of the MECP. This data set covers the time span from 1996-2000 for suburban areas in Toronto and surrounding regions. These are the default regulatory data sets provided under Ontario Regulation 419/05 (O. Reg. 419/05), and although this assessment is not being conducted to show compliance with the requirements of O. Reg. 419/05, they are appropriate for dispersion modelling assessments in Ontario.

2.3.2 Terrain Data and Land Use

Terrain information for the area surrounding the facility were obtained from the Regional Meteorological and Terrain Data for Air Dispersion Modelling web site of the MECP. The terrain data are based on the North American Datum 1983 (NAD83) horizontal reference datum. The surrounding land use is best described as suburban in nature but following MECP guidance the "non-urban" option was selected in the dispersion modelling analysis.

2.3.3 Impact Locations (Receptors)

Receptor locations associated with the proposed development are identified in **Figure 2**. On the proposed building façades, receptors were placed vertically every 3m above ground level.

2.3.4 Chemical Transformations

The only chemical reaction among the emitted contaminants of relevance to local air quality impacts is the conversion of nitric oxide (NO) to nitrogen dioxide (NO_2). Oxides of nitrogen (NOx) emitted in combustion exhausts are composed primarily of NO. However, once the exhaust is emitted to the atmosphere and begins to mix with outside air, some of the NO is oxidized in reactions with other contaminants (principally ground-level ozone, O_3) to produce NO_2.

The Ozone Limiting Method (OLM) was used in the assessment to estimate the maximum short-term NO_2 concentrations resulting from emissions of NOx. The OLM assumes that the conversion of NO to NO_2 is limited only by the amount of ozone present in the outside air. If the concentration of available O_3 (ppb) is less than that of the NO contributed by the modelled roadway emissions, then the portion of NO that is converted to NO_2 equals the available O_3. On the other hand, if the concentration of available O_3 exceeds that of the NO contributed by the modelled roadway, then all the NO is converted to NO_2.

To represent background ozone conditions, 90th percentile ozone concentrations by hour of day were derived from measurements recorded by the MECP at the Burlington monitoring station (years 2015-2019).

2.3.5 Sources

Sources accounted for in the dispersion modelling conducted for this study include:

- Moving diesel locomotives, throughout the study area;
- Idling diesel locomotives at the CN Aldershot railyard and GO station;
- Vehicle emissions from the Aldershot GO station parking lots; and,
- Vehicles travelling on the HWY-403 Expressway.

The assumed configuration of engines on all diesel trains was a main locomotive engine for motive power, and a generator, known as a Head End Power (HEP) unit, to provide electricity to passenger cars for lighting, heating/cooling, etc.

2.4 Emission Estimations

2.4.1 Traffic Data

Road traffic data for HWY-403 was obtained from the Ministry of Transportation (**Appendix C**) and projected to the year 2033 at a conservative growth rate of 2% per year. Although these traffic volumes represent conservatively predicted traffic in 2033, the MOVES modelling was projected to the year 2026 to obtain a conservative worst-case emissions scenario. In general, future vehicle emissions are expected to decline due to the advancement of vehicle technology such that any effects of future traffic growth would be offset by the reduction in tailpipe emissions generated.

Information on hourly distribution on the HWY-403 was obtained from the MTO iCorridor website. **Table 3** presents the projected hourly traffic distribution for the HWY-403.

Rail traffic data was obtained from available Metrolinx studies. The hourly distribution of trains was determined through train-by-train projections of departure and arrival of existing Metrolinx GO transit schedules. **Table 4** shows this hourly distribution.

Table 3: Hourly Distribution of Different Vehicle Types on HWY-403

Hour of Day	Total Vehicles on Highway	Cars [1]	Combination Trucks [2]
24	2467	2097	370
1	1598	1358	240
2	1351	1149	203
3	1413	1201	212
4	2168	1843	325
5	5650	4802	847
6	10111	8594	1517
7	12343	10491	1851
8	20373	17317	3056
9	19478	16556	2922
10	9361	7957	1404
11	9821	8348	1473
12	9773	8307	1466
13	10088	8575	1513
14	11204	9523	1681
15	12757	10844	1914
16	15207	12926	2281

Hour of Day	Total Vehicles on Highway	Cars [1]	Combination Trucks [2]
17	14406	12245	2161
18	12708	10802	1906
19	10234	8699	1535
20	7324	6226	1099
21	6233	5298	935
22	5602	4762	840
23	4196	3566	629

Notes:
[1] Refers to vehicle class FHWA1-3 (Cars)
[2] Refers to vehicle class FHWA4-13 (Buses / Single Unit Trucks / Combination Trucks)

Table 4: Hourly Distribution of Diesel Locomotives in the Study Segment

Hour of Day	Direction	
	Eastbound	Westbound
0:00	-	1
1:00	-	-
2:00	-	-
3:00	-	-
4:00	4	4
5:00	5	4
6:00	8	1
7:00	8	3
8:00	10	3
9:00	5	5
10:00	5	5
11:00	5	5
12:00	5	5
13:00	5	5
14:00	5	5
15:00	3	4
16:00	3	6
17:00	3	9
18:00	3	12
19:00	5	6

Hour of Day	Direction	
	Eastbound	Westbound
20:00	5	5
21:00	5	5
22:00	5	5
23:00	5	5
Daily Total	**102**	**103**

2.4.2 Diesel Locomotives Emissions

The U.S. EPA has sets of standards for emissions from various internal combustion sources including locomotives and generators. Railway operations in Canada comply with these standards through the Railway Safety Act. These standards are phased in through a tiered approach, where Tier 0 is the least stringent (highest emissions) and Tier 4 is the most stringent (lowest emissions). GO Transit currently uses a mix of diesel-powered locomotives ranging from Tier 0 to Tier 4. For each tier, the US EPA provides emission limits (g/bhp-hr) for CO, PM_{10}, NO_X, and hydrocarbons (HC) applicable to locomotive and HEP engines. It was assumed that freight locomotives have the same tier standard mix.

All locomotives were assumed to emit contaminants at rates corresponding to the U.S. EPA emission limits. $PM_{2.5}$ emissions were calculated as a fraction of the PM_{10} emissions. Benzo(a)pyrene emissions were calculated as a fraction of the PM_{10} emissions. Emissions of benzene were calculated as a fraction of the total volatile organic compounds (VOCs), which are estimated as a fraction of the HC emissions. The necessary speciation fractions were obtained from U.S. EPA data on speciation of diesel exhaust emissions. The speciation fractions are shown in **Table 5** below.

Table 5: Speciation Factors for $PM_{2.5}$, PAHs, VOCs, and Carbonyls

Contaminant	Tier 0	Tier 2	Tier 3	Tier 4
VOC [1]	1.05 x HC			
$PM_{2.5}$ [1]	0.97 x PM_{10}			
Benzene [2]	2.0E-02 x VOC	5.4E-02 x VOC	5.4E-02 x VOC	5.4E-02 x VOC
Benzo(a)pyrene [2]	2.1E-06 x PM_{10}	6.7E-06 x PM_{10}	6.7E-06 x PM_{10}	6.7E-06 x PM_{10}

Notes:
[1] Emission Factors for Locomotives", U.S. EPA Office of Transportation and Air Quality, EPA-420-F-09-025, April 2009, p.4
[2] Speciation Profiles and Toxic Emission Factors for Non-Road in MOVES2014b, July 2018, p. 16 & p. 18

In order to quantify emissions from the diesel fleet, a weighted average approach was taken where the emission factors associated with specific tiers were weighted based on the number of locomotives from that respective tier within the fleet. The GO transit fleet distribution assumption is based on information available online at https://en.wikipedia.org/wiki/GO_Transit_fleet. **Table 6** shows the weighted emission factors estimated to

represent emissions from diesel-powered locomotives and HEP units. The tier-weighted emission factors were also assumed to apply to CN freight trains, as well as CN passenger trains.

Table 6: Locomotive Tier Weighted Emission Factors

Contaminant	Weighted Locomotive Emission Factor (g/bhp-hr)	Weighted HEP Unit Emission Factor (g/bhp-hr)	Contaminant
NOx	4.9	4.4	NOx
$PM_{2.5}$	0.15	0.13	$PM_{2.5}$
Benzene	1.6E-02	2.6E-02	Benzene

In dispersion models, emissions from moving vehicles such as locomotives are represented as if coming from stationary sources distributed along the route of travel. This approach is based on guidance from the US EPA. The route is divided into short segments, referred to as volume sources, and each segment is treated as a stationary source. The emission from each volume source corresponds to the amount of emissions produced by the vehicles while travelling on that segment of the route.

The emission rate for each volume source was calculated based on the number of trains expected to pass through each hour, the expected speed of these trains, the length of the segment, and the engine load factor (brake horsepower) at that location. These calculations required hour-by-hour information on the number of trains travelling along the corridor. This hourly distribution of trains was determined through train-by-train projections of departure and arrival from publicly available Metrolinx studies (Metrolinx, 2017) and assumptions from information received from CN rail. The hour-by-hour distribution of trains is presented in **Table 4**. GO trains were assumed to be comprised of one diesel locomotive and 12 cars. CN freight trains were considered to have 2 locomotives per consist (train) and CN passenger trains were assumed to have 2 diesel locomotives per consist.

The calculations also require the engine brake horsepower (BHP) and train speed to be distributed along the section of rail corridor that was modelled. **Table 7** relates the throttle notch settings to brake horsepower for an MP-40 locomotive, which was chosen as representative of the fleet. It was assumed that this relationship applies to all train engines (GO and CN freight and passenger).

Table 7: Notch Setting and Corresponding Brake Horsepower for an MP40 Locomotive [1]

Brake Horsepower by Notch Setting											
L. Idle	**Idle**	**DB [2]**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**L. Idle**
9.0	27.8	46.7	231.6	448.7	982.9	1,445	1,876	2,878	3,658	4,230	9.0

Notes:
[1] Data from an MP40PH-3C EMD 16-710G3C-T2 engine test on 12/11/07
[2] DB = Dynamic Braking

Conservative values of speed and notch settings were assigned to the study area segments. **Table 8** shows the mean speeds and notch settings for trains operating within the modelled segments.

Table 8: Average GO and CN Train Speed and Horsepower Assumptions for Study Segment

Study Segment	Direction	Average Speed (km/hr)	Average Notch Setting	BHP
GO Lakeshore West Corridor	Eastbound	40	8	4,230
	Westbound	40	1	232

The Head End Power (HEP) unit was modelled as operating at a constant brake horsepower. For the purposes of this modelling scenario, the HEP units were assumed to operate at 600 bhp. The height of each volume source was set at 9.44 m, which is twice the GO train locomotive height. The release height was taken to be half of the source height, at 4.72 m. The width of the volume sources was selected to encompass the width of the rail tracks with trains travelling on the tracks. Where multiple rail lines were included within a volume source, rail traffic from all rail lines was included in the emission calculation for emission rates. Further information and sample calculations for emissions from the trains is presented in **Appendix B**.

All trains were assumed to stop and idle at the Aldershot GO station. In the dispersion model, exhausts from the idling locomotives were modelled as stationary point sources. All GO Trains were assumed to be configured with the locomotive operating in a "pull" mode when travelling. It was assumed that each train idles for 90 seconds at GO stations while passengers embark and disembark. This estimate was based on event recorder data for a typical GO Train trip. Trains at railyards were assumed to idle for one hour in the morning and for one hour overnight, namely from 8AM to 9AM in the morning, and 6PM to 7PM in the evening. The Aldershot layover was assumed to have four trains (8 diesel locomotives) idling at the same time. The main propulsion engine has a brake horsepower of 9 bhp when at idle, as shown previously in **Table 7.**

2.4.3 Highway Traffic Emissions

HWY-403 falls within the study area. Therefore, emissions from vehicles travelling on the HWY-403 were included in the assessment of air quality impacts.

Exhaust emissions from vehicle traffic were estimated using the U.S. EPA's emission model for on-road vehicles, MOVES4.0 (MOVES). Emissions were modelled in MOVES for the year 2026. The HWY-403 posted speed limit of 100 km/h was used as the hourly speed distribution in the MOVES model input. Hourly emission factors were generated for subclasses of two broad categories of vehicles: passenger vehicles and commercial trucks. The distribution of passenger vehicles and commercial trucks on HWY-403 was assumed to be 85% and 15%, respectively. The split of passenger vehicles as Passenger Car (MOVES Source Type 21) and Passenger Truck (MOVES Source Type 31) was based on 2023 vehicle registration for Ontario (Statistics Canada 2024b), with this spilt assumed for 2026. The split of Single-Unit and Combination trucks into Short-Haul and Long-Haul was based on MOVES technical guidance (US EPA, 2024). The percentages of electric vehicles in the future Ontario fleet were conservatively estimated by applying available Ontario fleet data for passenger cars and passenger trucks (Statistics Canada, 2024a) and MOVES default data for commercial trucks (US EPA, 2024). Weighted emission factors for each contaminant for the AM peak hour are presented in **Appendix C**.

Emissions from moving vehicles are represented as stationary sources distributed along the route of travel. For HWY-403, each stationary segment of the highway was represented as an area source in AERMOD. The emissions from each area source corresponds to the amount of emissions produced by vehicles while travelling on that segment of the route. An hourly distribution profile of vehicles travelling on the HWY-403 was used to calculate the number of vehicles on the highway at a given hour. The emission factors estimated from the MOVES model are in units of g/mile. This emission factor represents the emissions created by each vehicle travelling one mile. The weighted emission factors from MOVES (representing the mix of vehicles on the HWY-403) were applied to the length of each area source and the hourly traffic rate as a percentage of peak hour traffic. These values were then divided by the total area of each respective area source, as AERMOD requires area source emission rates in units of g/s/m^2.

2.4.4 Parking Lots Traffic Emissions

Emission estimates for GO station parking lots accounted for tailpipe emissions from vehicles travelling in the parking lot, vehicles idling, and due to start-up emissions. Tailpipe emission factors for these vehicle activities at parking lots were obtained from the US EPA MOVES model. All vehicles in the parking lots were assumed to be passenger vehicles. Emission factors were obtained for 2026. Vehicles within the parking lot were assumed to travel at a speed of 20 km/h and were assumed to idle for 60 seconds. Further information can be seen in **Appendix D**.

Emissions from parking lots at GO stations were based on the size of the parking lots and vehicle activity. The parking lot layout and the number of parking spots were based on information from the GO Transit website. It was assumed that parking lots are filled completely over the course of the morning rush hour. The sizes of the parking lots at the GO stations were assumed to remain unchanged between the baseline and future scenarios.

Hourly profiles for the number of vehicles idling and travelling in the parking lots were assumed to follow the hourly profile of train movements at the respective stations. This assumes that the higher the GO train activity, the higher the vehicle activity at the parking lots. Hourly profiles for engine start-ups follow the hourly profile of westbound trains only, as it is assumed that more passengers using eastbound trains are arriving at the stations (i.e., returning from Toronto) and will start-up their vehicles in the parking lots. The distance travelled by vehicles in the parking lots was assumed to be an average distance from the parking lot entrance to the middle of the lot, or to the middle storey of a parking garage.

Parking lots were modelled as area sources in AERMOD. Emission factors were determined in g/d for each contaminant and activity (idling, travelling, start-up) within the parking lot. These emissions rates were then distributed throughout the day based on the hourly profile of vehicle activity. Emissions for parking lots were divided by the area of the parking lot to obtain flux rates in g/s/m^2. Further details on parking lot emissions can be seen in **Appendix C**.

2.4.5 Bus Loop Traffic Emissions

Intercity and local transit service busses serving the Aldershot GO Station use the bus loop at the extreme western end of the property, with seven (7) platforms available. Bus traffic volumes include approximately 2 local transit service busses per hour at peak times (including busses from the Hamilton Street Railway and Burlington Transit systems. According to the Burlington Transit 2020-2024 Business Plan, work is underway to transition from diesel to electric or other low-emission technologies. As a result, emissions from local transit busses are expected to decline significantly. Intercity busses, such as those operated by GO Transit account for only 4 trips per hour at peak times, and these emissions are not expected to be significant in comparison to other sources included in the assessment. Furthermore, the distance of the bus terminal to the nearest part of the proposed development is over 300 metres. Given the distance, and the relatively minor contribution to overall emissions, bus traffic was not examined explicitly in the report.

3 RESULTS

3.1 Background Air Quality

Table 9 and **Table 10** present background concentrations for all contaminants and relevant averaging times. The 90th percentile 24-hour concentrations for NO_2 and $PM_{2.5}$ were determined using data from the Burlington monitoring station for the years 2015 to 2019.

Table 9: Summary of Background Concentrations in the Study Area

Contaminant	Averaging Time	Background Concentrations (µg/m^3)
NO_2	Annual	19.5
$PM_{2.5}$	Annual	7.6
	24 hours	15.3
Benzene	24 hours	1.28
	Annual	0.71
Benzo(a)pyrene	24 hours	3.4E-04
	Annual	1.3E-04

Table 10: 90th Percentile Background NO_2 and O_3 Concentrations by Hour of Day

Hour of Day	NO_2 (ppb)	O_3 (ppb)
1	24.0	39
2	23.4	38
3	23.0	38
4	23.0	36

Hour of Day	NO_2 (ppb)	O_3 (ppb)
5	24.1	41
6	26.6	34
7	27.0	33
8	25.0	34
9	22.1	36
10	19.0	39
11	16.9	42
12	14.1	45
13	12.5	48
14	12.0	50
15	12.0	51
16	12.1	52
17	13.0	51
18	15.0	51
19	17.0	49
20	20.0	46
21	22.7	44
22	24.4	42
23	25.0	41
24	24.0	39

3.2 Predicted Cumulative Concentrations

Predicted maximum cumulative concentrations of the key air contaminants at all elevations are presented in **Appendix E** for the receptors at the subject lands. The analysis of the dispersion modelling results is summarized and presented below.

Table 11 shows the predicted maximum concentrations of the key air pollutants at the subject lands. Predicted cumulative concentrations of several of the air pollutants exceed their respective AAQC and or CAAQS criteria. These pollutants are:

- Annual and 1-hour average NO_2 which exceeds its respective CAAQS criteria.
- Annual average $PM_{2.5}$ which exceeds its CAAQS criteria.
- Annual average benzene which exceeds its AAQC criteria; and,
- Annual and 24-hour average Benzo(a)pyrene which exceeds its respective AAQC criteria.

The above pollutants exceed their respective criteria at receptors located along the façades of proposed residential and mixed-use buildings on site. **Table 12** provides a summary of elevations at locations where exceedances are predicted.

3.2.1 Nitrogen Dioxide

Predicted exceedances above the 1-hour criterion extend to the maximum height of 55.5 m affecting all modelled buildings.

There are predicted exceedances above the annual average criterion for NO_2 at all 36 buildings. For the 21 buildings that have building heights below 37.5 metres (Buildings 1-3, 7-16, 21, 25-26, 28-31, and 36), predicted annual NO_2 exceedances occur at all heights of the building. For the buildings with heights taller than 37.5 m, the maximum height at which an exceedance of the NO_2 annual average criterion occurs ranges between 36.0 m and 39.0 m. Building 27 is the modelled building, located within the retail/mixed used sector of the development, where the exceedances extend to 36.0 m in height above grade. To illustrate this, **Figure 3** shows how the NO_2 impact changes with height above grade for Building 27. **Figure 4** shows NO_2 impacts across the entire site.

3.2.2 Fine Particulate Matter

Predicted exceedances above the annual average criterion for $PM_{2.5}$ can extend up to 30.0 metres above grade affecting all buildings, based on the 2030 CAAQS for $PM_{2.5}$ (8.0 µg/m^3). Based on the 2020 CAAQS for $PM_{2.5}$ (8.8 µg/m^3) predicted exceedances reach a height of 13.5 at Buildings 1, 5, 17, 18, 19 and 20.

3.2.3 Benzene

In the case of benzene, the predicted annual average concentrations exceed the AAQC at all receptors on the proposed development. However, the current background level of benzene exceeds the AAQC on its own with the modelled concentrations from the railways and roadways predicted at insignificant levels, approximately 10% of background at most elevated receptors at the proposed buildings. Thus, the predicted benzene concentrations at most of the proposed development areas are not significantly different from anywhere else in the urban area.

There are portions within 1.5 to 10.0 metres above grade on Building 4 that reach 10% to 17% of the background levels. These areas may require additional mitigation to reduce the potential for impacts, although overall these levels are still low relative to anywhere else in the urban area.

3.2.4 Benzo(a)Pyrene

In the case of benzo(a)pyrene, the modelling appears to overestimate benzo(a)pyrene concentrations significantly. The predicted annual average benzo(a)pyrene concentration contributed by the HWY-403 and railway is about 0.02% of the predicted annual average $PM_{2.5}$ concentration. In reality, it should be closer to the percentage observed in the background monitoring data, i.e., approximately 0.002% of the annual average $PM_{2.5}$ concentration. The following are two possible explanations for the overestimate: (1) available published vehicle emission factors for benzo(a)pyrene and other polycyclic aromatic hydrocarbons (PAH) are based on more limited data and have much higher uncertainty than those for other contaminants; and (2) the model does not account for the fact that benzo(a)pyrene is susceptible to photolysis and other chemical interactions and has a relatively short half-life in air (as little as a few hours). In any case, the model results for benzo(a)pyrene are considered unreliable and the data for benzene and the other pollutants are considered better indicators of potential air quality effects from transportation related air pollutants.

Table 11: Predicted Maximum Pollutant Concentrations at the King Road Site

Pollutant	Averaging Time	Transportation Sources Contribution (µg/m³)	Ambient Background Level (µg/m³)	Cumulative Concentration (µg/m³)	Objective (µg/m³)	Percentage of Criteria, Total Concentration (%)
AAQC						
NO_2	1-hr	144	29.3	173	400	43%
	24-hr	92	35	127	200	63%
Benzene	24-hr	0.74	1.28	2.0	2.3	88%
	Annual	1.21E-01	0.71	0.83	0.45	185%
B(a)P [4]	24-hr	1.1E-04	3.4E-04	4.5E-04	5.0E-05	909%
	Annual	3.5E-05	1.3E-04	1.7E-04	1.0E-05	1690%
CAAQS						
NO_2[1]	1-hr	131	31	162	83	195%
NO_2[2]	Annual	27.8	19.5	47	24	199%
$PM_{2.5}$[3]	24-hr	5.1	15.3	20	23	89%
$PM_{2.5}$	Annual	2.0	7.6	9.6	8.0	120%

Notes:
[1] Modelled Project Impact corresponds to the 3-year average of the annual 98th percentile daily maximum 1-hour average.
[2] Modelled Project Impact corresponds to the average over a single calendar year of all the 1-hour average concentrations.
[3] Modelled Project Impact corresponds to the 3-year average of the annual 98th percentile of the daily 24-hour average concentrations.
[4] Modelled Project Impact estimated as a fraction of $PM_{2.5}$ concentration.

Table 12: Highest Elevations with Predicted Exceedances at the Subject Lands

Buildings Within Residential and Mixed-Use Sectors	Highest Elevation with Exceedance of CAAQS Annual NO_2 Criterion (m)	Highest Elevation with Exceedance of CAAQS 1-Hour NO_2 Criterion (m)	Highest Elevation with Exceedance of CAAQS 24-Hour $PM_{2.5}$ Criterion (m)	Highest Elevation with Exceedance of AAQC Annual Benzene Criterion (m)	Highest Elevation with Exceedance of Maximum Cumulative Annual B(a)P Criterion (m)
BLDG_01	4.5	4.5	4.5	4.5	4.5
BLDG_02	4.5	4.5	4.5	4.5	4.5
BLDG_03	4.5	4.5	4.5	4.5	4.5
BLDG_04	37.5	55.5	28.5	145.5	145.5
BLDG_05	34.5	49.5	25.5	160.5	160.5
BLDG_06	34.5	46.5	25.5	124.5	124.5
BLDG_07	13.5	13.5	13.5	13.5	13.5
BLDG_08	13.5	13.5	13.5	13.5	13.5
BLDG_09	13.5	13.5	13.5	13.5	13.5
BLDG_10	13.5	13.5	13.5	13.5	13.5
BLDG_11	13.5	13.5	13.5	13.5	13.5
BLDG_12	13.5	13.5	13.5	13.5	13.5
BLDG_13	13.5	13.5	13.5	13.5	13.5
BLDG_14	13.5	13.5	13.5	13.5	13.5
BLDG_15	13.5	13.5	13.5	13.5	13.5
BLDG_16	13.5	13.5	13.5	13.5	13.5
BLDG_17	33.0	52.5	27.0	139.5	139.5
BLDG_18	31.5	54.0	27.0	127.5	127.5
BLDG_19	33.0	55.5	27.0	124.5	124.5
BLDG_20	33.0	55.5	28.5	103.5	103.5
BLDG_21	34.5	34.5	30.0	34.5	34.5
BLDG_22	37.5	49.5	28.5	100.5	100.5
BLDG_23	37.5	49.5	28.5	115.5	115.5
BLDG_24	37.5	49.5	28.5	91.5	91.5
BLDG_25	4.5	4.5	4.5	4.5	4.5
BLDG_26	4.5	4.5	4.5	4.5	4.5
BLDG_27	36.0	49.5	24.0	76.5	76.5

Buildings Within Residential and Mixed-Use Sectors	Highest Elevation with Exceedance of CAAQS Annual NO_2 Criterion (m)	Highest Elevation with Exceedance of CAAQS 1-Hour NO_2 Criterion (m)	Highest Elevation with Exceedance of CAAQS 24-Hour $PM_{2.5}$ Criterion (m)	Highest Elevation with Exceedance of AAQC Annual Benzene Criterion (m)	Highest Elevation with Exceedance of Maximum Cumulative Annual B(a)P Criterion (m)
BLDG_28	34.5	34.5	25.5	34.5	34.5
BLDG_29	19.5	19.5	19.5	19.5	19.5
BLDG_30	34.5	34.5	30.0	34.5	34.5
BLDG_31	37.5	37.5	28.5	37.5	37.5
BLDG_32	39.0	51.0	25.5	58.5	58.5
BLDG_33	37.5	46.5	28.5	55.5	55.5
BLDG_34	37.5	46.5	28.5	67.5	67.5
BLDG_35	37.5	46.5	28.5	76.5	76.5
BLDG_36	28.5	28.5	28.5	28.5	28.5

3.3 Additional Context for Transportation-Related Emissions

The exceedances of benzene and B(a)P are not caused by local sources around the Project, as background concentrations are already exceeding the annual criteria. It must be highlighted that all the air quality monitoring stations in the Greater Toronto Area (GTA) are recording high concentration levels for Benzene and B(a)P. High levels are mainly caused by the addition of multiple anthropogenic sources in urban areas. These high concentration levels are common in urban areas and are recorded at most of the GTA air quality monitoring stations. Therefore, the air quality conditions are not specific to the Project and should not be considered as a risk that would prevent new developments. Background concentrations for NO_2 amount to 49% of the 1-hour criteria and 82% of the annual criteria, while background concentrations for $PM_{2.5}$ amount to 87% of the annual criteria. These background levels make up a very high percentage of their respective criteria without the addition of modelled concentrations.

The cumulative contaminant concentrations were calculated by summing the 90th percentile background concentration and the modeled concentration at each receptor. It is important to note that concentrations recorded at the monitoring stations already include traffic emissions from nearby roadways. Therefore, the addition of road and highway emissions in the model is very conservative and likely an overestimation of air quality concentration levels at the receptors.

4 PROJECTED ENVIRONMENTAL IMPROVEMENTS

Air quality contaminant levels will decrease in future year scenarios even with higher traffic rates as vehicles, trucks and locomotives are expected to have lower emission rates and increase their overall performance through increased adoption of zero emission vehicles (ZEV) and more stringent emission standards. Electrification of the passenger vehicle fleet is already underway, and decarbonization is predicted to be completed by 2050. The removal of internal combustion engine (ICE) passenger vehicles will reduce the remaining tailpipe $PM_{2.5}$ and VOC/PAH emissions.

Environment and Climate Change Canada estimates that by 2050, regulations are projected to reduce various air pollutant emissions from light-duty vehicles, including reducing fine particular matter ($PM_{2.5}$) by 36 percent, nitrogen oxide (NOx) by 50 percent, volatile organic compounds (VOCs) by 61 percent, and carbon monoxide (CO) by 68 percent (Government of Canada, 2023).

There will be unambiguous benefits for air quality arising from the elimination of exhaust NOx, with significant reductions in ambient NO_2 concentrations contributed by traffic related air pollution. An important consideration for ZEV and air quality is that the majority of PM emissions arise from friction, brake wear, tire wear, road surface abrasion and the resuspension of road dust. $PM_{2.5}$ emissions will therefore remain an undesirable consequence of road transport even in 2050 under fully decarbonized scenarios.

5 CONCLUSIONS AND RECOMMENDATIONS

The analysis presented in this report presents a worst-case scenario that does not reflect decreasing emissions due to the further electrification of the passenger vehicle fleet and further reductions in emissions through regulations on light-duty vehicles. As noted previously, emissions of $PM_{2.5}$ are expected to decrease by 36 percent, nitrogen oxide (NOx) by 50 percent, volatile organic compounds (VOCs) by 61 percent, and carbon monoxide (CO) by 68 percent (Government of Canada, 2023).

This conservative analysis indicates that may experience elevated concentrations of specific air contaminants due to the proximity to the HWY 403, GO station, rail lines and CN rail yard.

- Predicted annual cumulative concentrations for benzene and benzo(a)pyrene exceed the respective criteria at all modelled receptor locations.
- Predicted 1-hour cumulative concentrations for NO_2 exceed CAAQS to a maximum height of 55.5 m above grade.
- There are predicted exceedances above the annual average criterion for NO_2 at all 36 buildings.
    - For the 21 buildings that have building heights below 37.5 metres (Buildings 1-3, 7-16, 21, 25-26, 28-31, and 36), predicted annual NO_2 exceedances occur at all heights of the building.
    - For the buildings with heights taller than 37.5 m, the maximum height at which an exceedance of the NO_2 annual average criterion occurs ranges between 36.0 m and 39.0 m.
    - Building 27 is the modelled building, located within the retail/mixed used sector of the development, where the exceedances extend to 36.0 m in height above grade.

- Predicted exceedances above the annual average criterion for $PM_{2.5}$ can extend up to 30.0 metres above grade affecting all buildings, based on the 2030 CAAQS (8.0 µg/m^3). Based on the 2020 CAAQS for $PM_{2.5}$ (8.8 µg/m^3) predicted exceedances reach a height of 13.5 at Buildings 1, 5, 17, 18, 19 and 20.

For some contaminants that do not meet the objectives, it is because the objectives are not met anywhere in the urban area due to the existing background levels in the ambient air. These contaminants are the annual average criterion for benzene and benzo(a)pyrene and the 24-hour average criterion for benzo(a)pyrene.

Based on the above, we would recommend that the following items be taken into consideration at the site plan development and building permit stages:

- Central ventilation be provided to residential units, with the fresh air supply located on the building roof, regardless of final building design;
- Consideration should be given to reducing the size of open balconies on floors below 70 m on building façades directly facing Highway 403 or the rail corridor;
- In-unit ventilation systems, where provided, must be equipped with carbon-impregnated particle filtration systems.
- Outdoor amenity spaces, other than those designed only for brief transient use (such as a pedestrian podium) should be placed as far as possible from the highway or located where they are screened from the highway by intervening buildings.
- Warning clauses could be incorporated into condominium sales agreements.

6 REFERENCES

1. Ministry of Transportation Environmental Guide for Assessing and Mitigating the Air Quality Impacts and Greenhouse Gas Emissions of Provincial Transportation Project (October 2019).
2. Go Rail Network Electrification Transit Project Assessment Process, Noise and Vibration Impact Assessment Report (Metrolinx, 2017).
3. Control of Emissions of Air Pollution from Locomotive Engines and Marine Compression-Ignition Engines Less Than 30 Litres per Cylinder 73 Federal Register 126 (30 June 2008).
4. Emission Factors for Locomotives, US EPA Office of Transportation and Air Quality (April 2009).
5. Control of Emissions of Air Pollution from Locomotives Engines and Marine Compression-Ignition Engines Less Than 30 Litres per Cylinder", US EPA (30 June 2008).
6. Speciation Profiles and Toxin Emission Factors for Nonroad Engines in MOVES2014b, US EPA (July 2018).
7. Estimation of historical annual PM2.5 exposures for health effects assessment, Lall et al. (14 Jan 2004).
8. Canada's Electric Vehicle Availability Standard (regulated targets for zero-emission vehicles), Government of Canada (December 2023).
9. Statistics Canada, 2024a. New motor vehicle registrations, annual sum. Retrieved from DOI: https://doi.org/10.25318/2010002401-eng, January 2025.
10. Statistics Canada, 2024b. Vehicle registrations, by type of vehicle and fuel type. Retrieved from https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=2310030801, December 2024.
11. USEPA, 2024. Population and Activity of Onroad Vehicles in MOVES5. Retrieved from https://www.epa.gov/system/files/documents/2024-11/420r24019.pdf, January 2025.

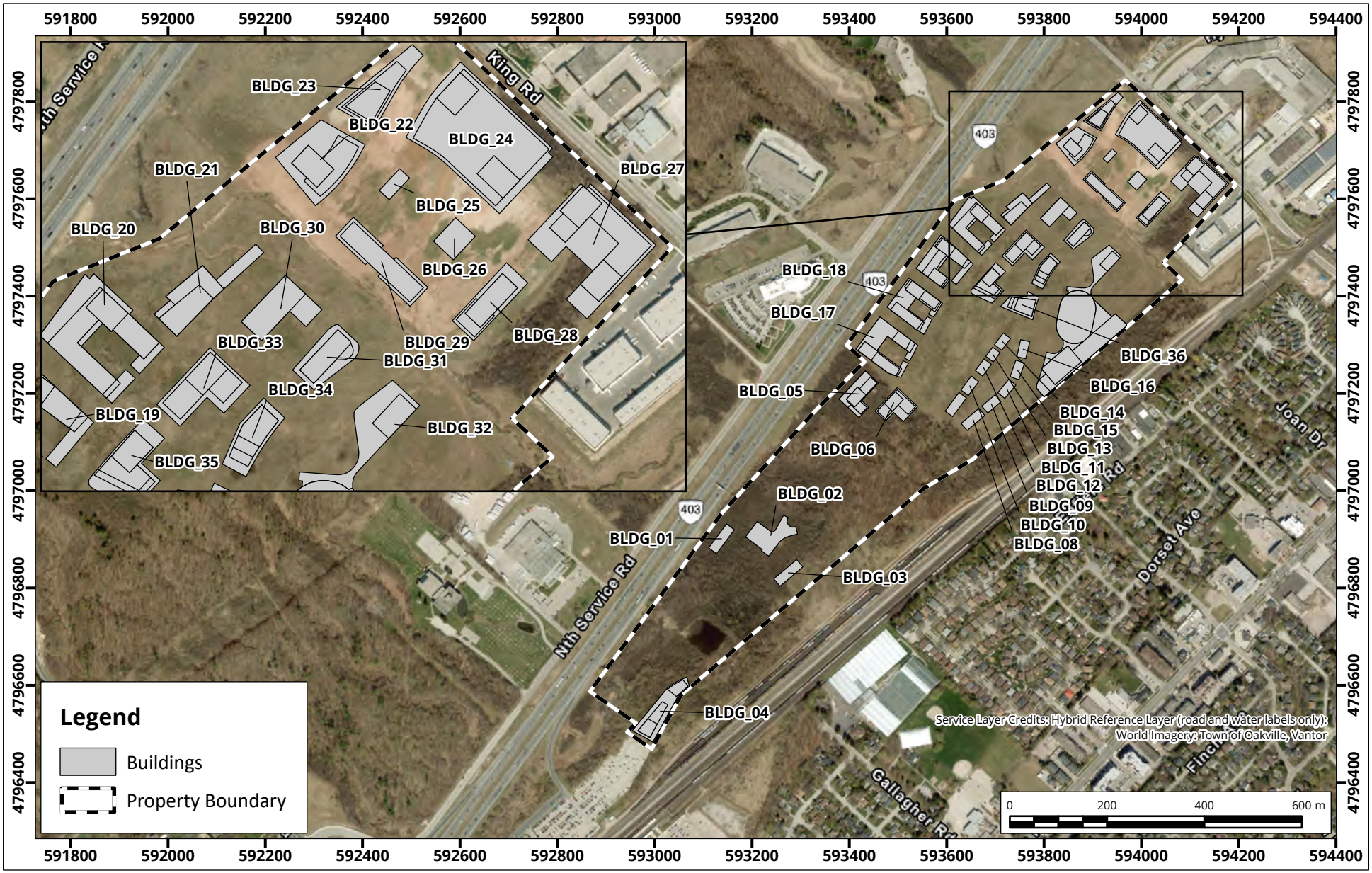
7 STATEMENT OF LIMITATIONS

This report entitled 1200 King Road Development Transportation Related Air Pollutants (TRAP) Study was prepared by Rowan William Davies & Irwin Inc. ("RWDI") for Alinea Land Corporation ("Client"). The findings and conclusions presented in this report have been prepared for the Client and are specific to the project described herein 1200 King Road Development Transportation Related Air Pollutants (TRAP) Study ("Project"). The conclusions and recommendations contained in this report are based on the information available to RWDI when this report was prepared. Because the contents of this report may not reflect the final design of the Project or subsequent changes made after the date of this report, RWDI recommends that it be retained by the Client during the final stages of the project to verify that the results and recommendations provided in this report have been correctly interpreted in the final design of the Project.

The conclusions and recommendations contained in this report have also been made for the specific purpose(s) set out herein. Should the Client or any other third party utilize the report and/or implement the conclusions and recommendations contained therein for any other purpose or project without the involvement of RWDI, the Client or such third party assumes any and all risk of any and all consequences arising from such use and RWDI accepts no responsibility for any liability, loss, or damage of any kind suffered by the Client or any other third party arising therefrom.

Finally, it is imperative that the Client and/or any party relying on the conclusions and recommendations in this report carefully review the stated assumptions contained herein and to understand the different factors which may impact the conclusions and recommendations provided.

FIGURES



Site Layout

True North

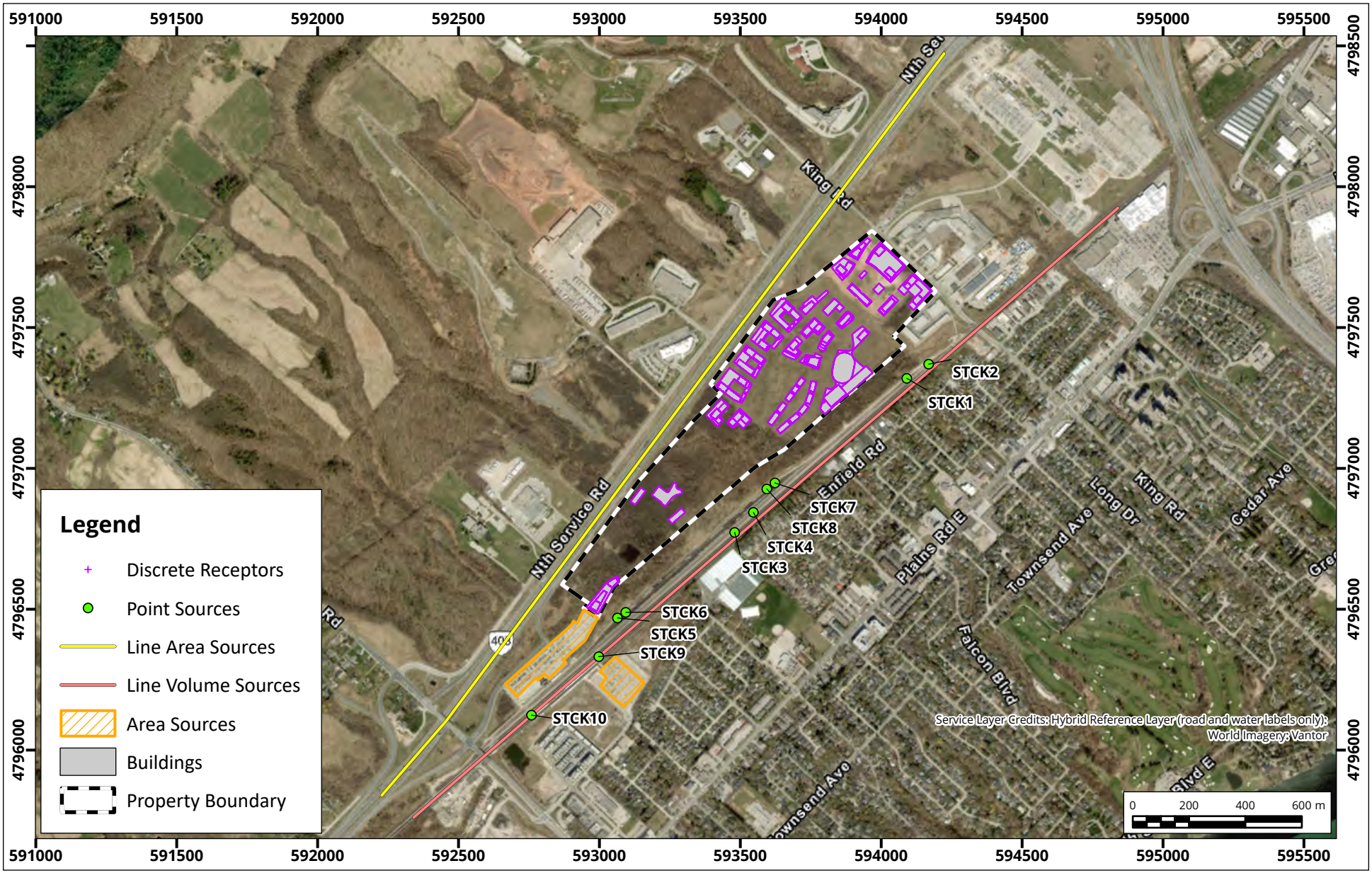
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Date Revised: Feb 10, 2026		

Map Projection: NAD 1983 UTM Zone 17N

1200 King Road - Burlington Ontario

Project #: 2306527

Map Document: C:\WorkingFolder\Jobs_AMER\P2306527\P2306527_1200KingRd.aprx



Receptors and Sources Locations at the Proposed Development

True North

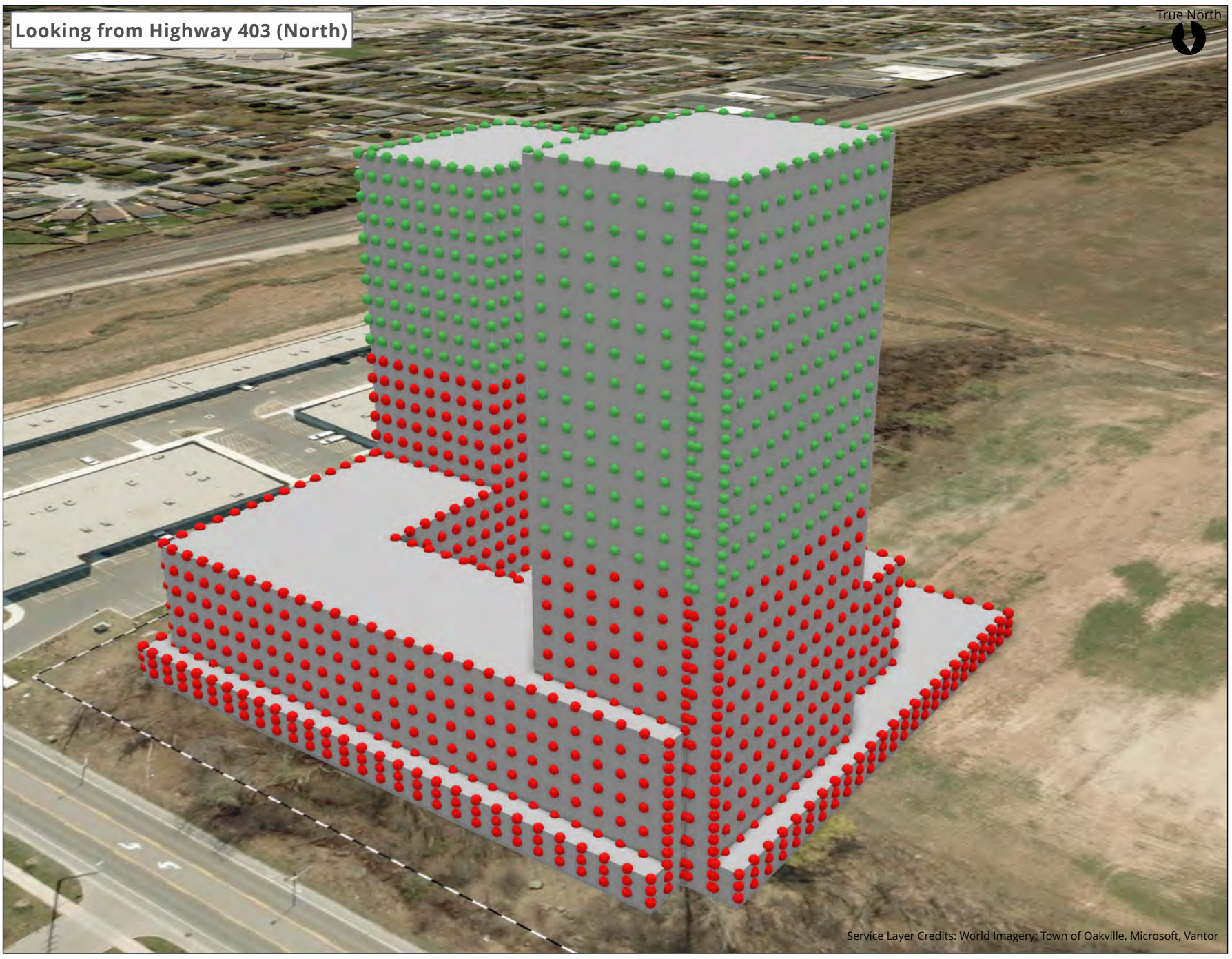
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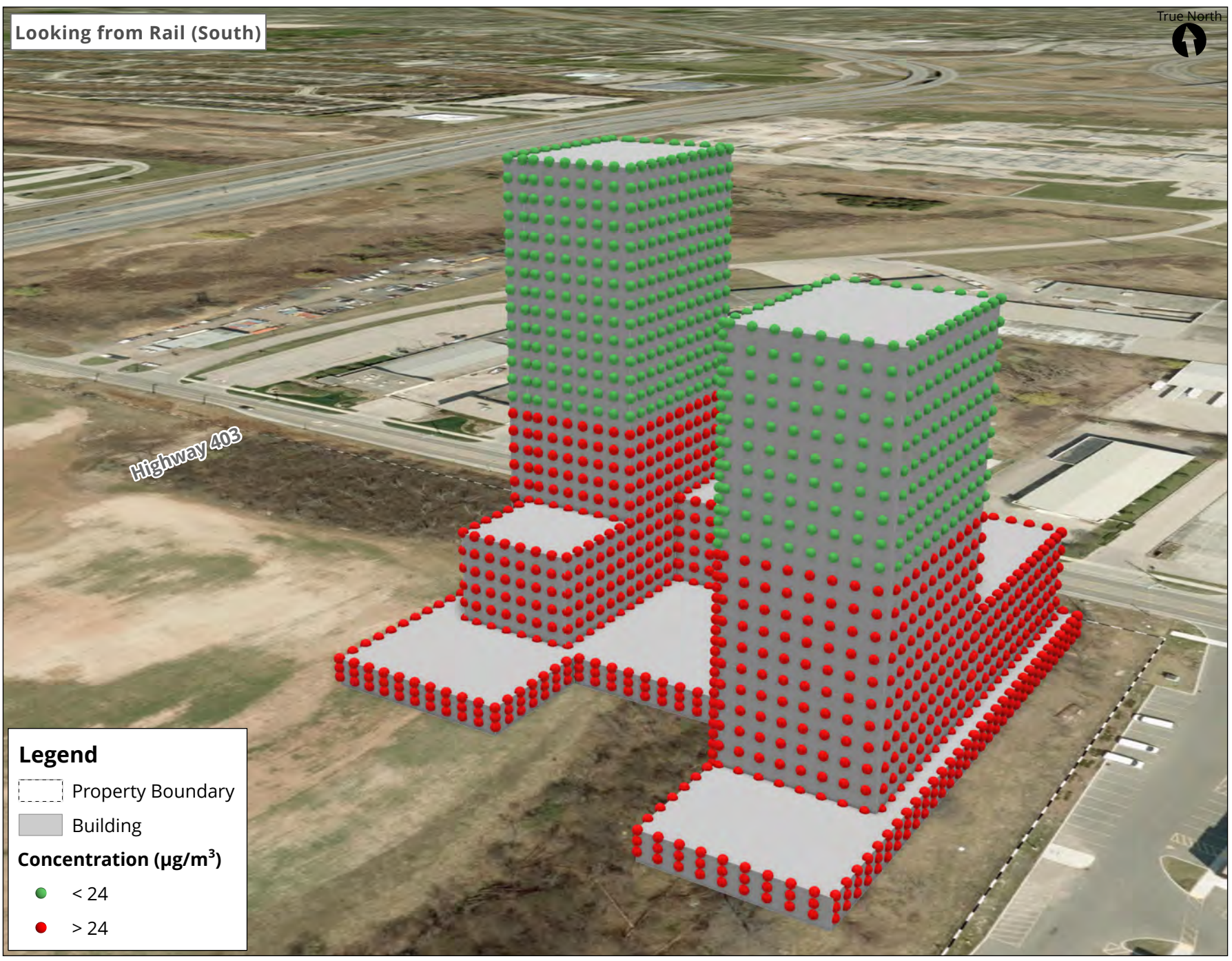
Map Projection: NAD 1983 UTM Zone 17N

1200 King Road - Burlington Ontario

Project #: 2306527

Map Document: C:\WorkingFolder\Jobs_AMER\P2306527\P2306527_1200KingRd.aprx





Predicted Annual NO_2 Concentrations

Combined Impact of Roads, Rail Lines and Background

Map Projection: NAD 1983 UTM Zone 17N

1200 King Road - Burlington, Ontario

CAAQS: 24 µg/m³

Project #: 2306527

Drawn by:	PIP	Figure:	3
Approx. Scale:		NA	
Date Revised:		Feb 10, 2026	

Looking from Railway (East)



Predicted Annual NO2 Concentrations

Map Projection: NAD 1983 UTM Zone 17N

1200 King Road - Burlington, Ontario

True North

Project #: 2306527

Drawn by: PIP	Figure: 4		
Approx. Scale:			
Date Revised: Feb 10, 2026			

Map Document: C:\Working Folder\Jobs_AMER\P2306527\P2306527_1200KingRd.aprx

Looking from Highway 403 (North)



Predicted Annual NO2 Concentrations

Map Projection: NAD 1983 UTM Zone 17N

1200 King Road - Burlington, Ontario

True North

Project #: 2306527

Drawn by:	PIP	Figure:	4
Approx. Scale:			
Date Revised:	Feb 10, 2026		

Map Document: C:\Working\Folder\Jobs_AMER\P2306527\P2306527_1200KingRd.aprx

APPENDIX A

2033 Estimated Traffic of Diesel Trains

Operator	Locomotives per Consist (Train)	Direction	0:00 1:00	1:00 2:00	2:00 3:00	3:00 4:00	4:00 5:00	5:00 6:00	6:00 7:00	7:00 8:00	8:00 9:00	9:00 10:00	10:00 11:00	11:00 12:00	12:00 13:00	13:00 14:00	14:00 15:00	15:00 16:00	16:00 17:00	17:00 18:00	18:00 19:00	19:00 20:00	20:00 21:00	21:00 22:00	22:00 23:00	23:00 0:00	Daily Total
GO Transit	1	Eastbound	-	-	-	-	-	1	4	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26
		Westbound	1	-	-	-	-	-	1	1	1	1	1	1	1	1	2	2	5	4	2	1	1	1	1	1	29
CN Passenger	2	Eastbound	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	8
		Westbound	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	2	2	2	-	-	-	-	-	9
CN Freight	4	Eastbound	-	-	-	-	1	1	1	-	1	1	1	1	1	1	1	-	-	-	-	1	1	1	1	1	15
		Westbound	-	-	-	-	1	1	-	-	-	1	1	1	1	1	1	-	-	-	1	1	1	1	1	1	14
Total Diesel Locomotives		**Eastbound**	**-**	**-**	**-**	**-**	**4**	**5**	**8**	**8**	**10**	**5**	**5**	**5**	**5**	**5**	**5**	**3**	**3**	**3**	**3**	**5**	**5**	**5**	**5**	**5**	**102**
		Westbound	**1**	**-**	**-**	**-**	**4**	**4**	**1**	**3**	**3**	**5**	**5**	**5**	**5**	**5**	**5**	**4**	**6**	**9**	**12**	**6**	**5**	**5**	**5**	**5**	**103**

APPENDIX B

Table B1. Locomotive Emission Factors

Locomotive	Emissions	Emission Factors (g/bhp-hr)											
		CO	PM10	Nox	NMHC	VOC	PM25	ACR	BEN	Benzo_a_pyrene_ Particle	FORM	ACT	BUT
Source	Tier	CO [1]	PM_{10} [1][5]	NOx [1]	HC [1]	VOC [2]	$PM_{2.5}$ [3]	Acrolein [4]	Benzene [4]	B[a]p [4]	Formaldehyde [4]	Acetaldehyde [4]	1,3 Butadiene [4]
8	Tier 0	5.0	0.22	8.0	1.0	1.05	0.21	3.18E-02	2.06E-02	4.71E-07	2.18E-01	7.86E-02	1.96E-03
56	Tier 2	1.5	0.20	5.5	0.3	0.32	0.19	5.91E-03	1.71E-02	1.33E-06	9.22E-02	3.29E-02	5.88E-04
10	Tier 3	1.5	0.10	5.5	0.3	0.32	0.10	5.91E-03	1.71E-02	6.67E-07	9.22E-02	3.29E-02	5.88E-04
17	Tier 4	1.5	0.03	1.3	0.14	0.15	0.03	1.47E-03	7.98E-03	2.00E-07	4.30E-02	1.53E-02	2.74E-04
	Weighted Emission Factor	0.16	0.16	4.94	0.33	0.35	0.15	7.4E-03	1.6E-02	9.7E-07	9.41E-02	3.36E-02	6.50E-04

Notes:

[1] "Control of Emissions of Air Pollution From Locomotive Engines and Marine Compression-Ignition Engines Less Than 30 Litres per Cylinder" 73 Federal Register 126 (30 June 2008), pp. 37199
[2] 1.053 x HC [p.4 of "Emission Factors for Locomotives", U.S. EPA Office of Transportation and Air Quality, EPA-420-F-09-025, April 2009]
[3] 0.97 x PM [p.4 of "Emission Factors for Locomotives", U.S. EPA Office of Transportation and Air Quality, EPA-420-F-09-025, April 2009]
[4] Speciation Profiles and Toxic Emission Factors for Non-Road in MOVES2014b, pp. 16
[5] 100% of PM assumed to be PM_{10}

Table B2. Non-Road Emission Factors

Locomotive	Horsepower	Emissions	Emission Factors (g/bhp-hr)											
			CO	PM10	Nox		VOC	PM25	ACR	BEN	Benzo_a_pyrene_ Particle	FORM	ACT	BUT
Distribution[1]	Category	Tier	CO	PM_{10}	Nox	HC [7]	VOC	$PM_{2.5}$	Acrolein	Benzene	B[a]p	Formaldehyde	Acetaldehyde	1,3 Butadiene
8	-	Tier 0 [2]	5	0.22	8	1.0	1.05	0.213	3.18E-02	2.06E-02	4.71E-07	2.18E-01	7.86E-02	1.96E-03
56	> 750	Tier 2 [3]	2.6	0.15	4.8	0.55	0.58	0.146	1.08E-02	3.13E-02	1.00E-06	1.69E-01	6.02E-02	1.08E-03
10	> 750	Tier 3 [3]	2.6	0.15	4.8	0.55	0.58	0.146	1.08E-02	3.13E-02	1.00E-06	1.69E-01	6.02E-02	1.08E-03
16	<= 1,200	Tier 4 [4]	1.5	0.03	1.3	0.14	0.15	0.029	1.47E-03	7.98E-03	2.00E-07	4.30E-02	1.53E-02	2.74E-04
1	<= 1,200	Tier 4 [5][6]	2.6	0.02	0.5	0.14	0.15	0.019	1.47E-03	7.98E-03	1.33E-07	4.30E-02	1.53E-02	2.74E-04
-		Weighted Emission Factor	2.62	0.13	4.4		0.54	0.13	1.09E-02	2.60E-02	8.04E-07	1.50E-01	5.35E-02	1.00E-03

Notes:

[1] From publicly available Metrolinx studies (Metrolinx, 2021)
[2] Tier 0 trains do not have a separate HEP Unit; emission factors are assumed to be the same as that of the locomotive
[3] Tier 2 & Tier 3: "Control of Emissions of Air Pollution From Nonroad Diesel Engines" 63 Federal Register 205 (23 October 1998), p. 56970
[4] As per email from Metrolinx, dated December 18, 2019, 16 of the Tier 4 trains do not have separate HEP units; emission factors are assumed to be the same as that of the locomotive
[5] As per email from Metrolinx, dated December 18, 2019, 1 of the Tier 4 trains has a separate HEP unit, and Non-Road emission factors apply
Tier 4: "Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel" 69 Federal Register 124 (29 June 2004), p. 38980
[6] Tier 4 CO Emission Factor is based on previously applied Tier 2 standard; "Control of Emissions of Air Pollution From Nonroad Diesel Engines and Fuel" 69 Federal Register 124 (29 June 2004), p. 38971
[7] The Tier 2 and 3 non-road HC emission factors correspond to the Tier 1 locomotive HC emission factor. Reference document: "Control of Emissions of Air Pollution From Locomotive Engines and Marine Compression-Ignition Engines Less Than 30 Litres per Cylinder"
73 Federal Register 126 (30 June 2008), pp. 37199

Table B3. Speciation factors from MOVES2014b

	Toxics Factor - Nonroad Diesel					
Tier	Acrolein	Benzene	B[a]p	Formaldehyde	Acetaldehyde	1,3 Butadiene
Tier 0	3.02E-02	1.96E-02	2.14E-06	2.07E-01	7.46E-02	0.00186
Tier 2	1.87E-02	5.41E-02	6.67E-06	2.92E-01	1.04E-01	0.00186
Tier 3	1.87E-02	5.41E-02	6.67E-06	2.92E-01	1.04E-01	0.00186
Tier 4	9.99E-03	5.41E-02	6.67E-06	2.92E-01	1.04E-01	0.00186

APPENDIX C

Table C1. Projected 2033 Traffic Hourly Distribution

Time - Hour Starting	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
Highway 403	2467	1598	1351	1413	2168	5650	10111	12343	20373	19478	9361	9821	9773	10088	11204	12757	15207	14406	12708	10234	7324	6233	5602	4196	215867

[1] Future traffic volumes were based on 2% growth rate forecasted to 2033

Traffic Data From MTO (2019 SADT)	**163,600**		Vehicles/day [Hwy-403 at Waterdown Rd IC Burlington]
Future traffic will include	**2%**		increase year over year
Projected 2033 Traffic		**215,867**	Vehicles / day

Appendix C2: Emission Factors by Vehicle Type, AM Peak

1200 King Road
Burlington, Ontario

MOVES LinkID	Hour Starting	Source #	Speed (kph)	Vehicle Type	Vehicle Volume (vehicles/hour)	Emission Factor by vehicle type (g/s-mile)			
						BEN	NOx	PM25	Benzo_a_pyrene_Particle
2	7	A01	100	Passenger Car	6,475	1.45E-03	2.15E-01	6.37E-03	1.63E-06
2	7	A01	100	Passenger Truck	10,843	2.94E-03	6.41E-01	1.61E-02	3.46E-06
2	7	A01	100	Single Unit Short Haul Truck	1,126	1.02E-03	7.63E-01	3.13E-02	3.26E-06
2	7	A01	100	Single Unit Long Haul Truck	50	4.30E-05	3.56E-02	1.42E-03	1.41E-07
2	7	A01	100	Combination Short Haul Truck	984	4.52E-04	1.78E+00	4.63E-02	3.59E-06
2	7	A01	100	Combination Long Haul Truck	897	2.93E-04	1.36E+00	3.27E-02	2.48E-06

Appendix C3: Emission Factors by Roadway Segment, AM Peak

1200 King Road
Burlington, Ontario

Line Area Source ID	Total Emission Factor (g/s-mile)			
	BEN	NOx	PM25	Benzo_a_pyrene_Particle
A01	6.19E-03	4.80E+00	1.34E-01	1.46E-05

APPENDIX D

Table D1. Vehicle idling emissions

Study Segment		GO Station	Parking Feature	Vehicle Capacity [1]	Total Idling Time (s) [2]	Nox g/veh-hr [3]	Nox g/day	PM25 g/veh-hr [3]	PM25 g/day	BEN g/veh-hr [3]	BEN g/day	Benzo_a_pyrene_Particle g/veh-hr [3]	Benzo_a_pyrene_Particle g/day
	LSW	Aldershot	North Lot	934	60	3.19E-01	4.96E+00	2.25E-02	3.50E-01	1.12E-02	1.74E-01	9.68E-06	1.51E-04
			South Lot	705	60	3.19E-01	3.75E+00	2.25E-02	2.64E-01	1.12E-02	1.31E-01	9.68E-06	1.14E-04

[1] Idling was considered only after vehicle start-up, not after parking
[2] It was assumed that all vehicles arriving in the parking lot idle for a total of 60 seconds (from street access of parking lot to their shut-down in a parking space). The Toronto idling by-law limits idling to 60s
[3] Emission factors from MOVES.

APPENDIX E

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
BLDG_08	1.5	31.3	23.8	131.8	100.0	144.35	83.15	173.59	100.00	8.22	8.00	102.78	100.00	0.75	0.45	165.79	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	3	31.0	23.8	130.7	100.0	141.76	83.15	170.48	100.00	8.22	8.00	102.71	100.00	0.74	0.45	165.48	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	6	30.8	23.8	129.7	100.0	138.68	83.15	166.77	100.00	8.21	8.00	102.62	100.00	0.74	0.45	165.23	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	9	30.4	23.8	128.1	100.0	137.24	83.15	165.05	100.00	8.20	8.00	102.47	100.00	0.74	0.45	164.84	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	12	29.9	23.8	126.0	100.0	135.65	83.15	163.13	100.00	8.18	8.00	102.25	100.00	0.74	0.45	164.38	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	13.5	29.6	23.8	124.7	100.0	135.56	83.15	163.02	100.00	8.17	8.00	102.12	100.00	0.74	0.45	164.13	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
BLDG_19	1.5	47.1	23.8	198.3	100.0	172.30	83.15	207.21	100.00	9.64	8.00	120.47	100.00	0.76	0.45	169.27	100.00	2.36E-04	1.00E-05	2.36E+03	100.00
	3	47.0	23.8	197.8	100.0	171.94	83.15	206.78	100.00	9.63	8.00	120.35	100.00	0.76	0.45	169.20	100.00	2.35E-04	1.00E-05	2.35E+03	100.00
	6	46.2	23.8	194.5	100.0	169.80	83.15	204.21	100.00	9.55	8.00	119.43	100.00	0.76	0.45	168.78	100.00	2.32E-04	1.00E-05	2.32E+03	100.00
	7.5	34.8	23.8	146.7	100.0	153.58	83.15	184.70	100.00	8.62	8.00	107.69	100.00	0.74	0.45	164.51	100.00	1.82E-04	1.00E-05	1.82E+03	100.00
	9	43.2	23.8	181.8	100.0	163.66	83.15	196.82	100.00	9.28	8.00	116.03	100.00	0.75	0.45	167.38	100.00	2.17E-04	1.00E-05	2.17E+03	100.00
	10.5	41.3	23.8	173.8	100.0	161.86	83.15	194.65	100.00	9.12	8.00	114.00	100.00	0.75	0.45	166.54	100.00	2.09E-04	1.00E-05	2.09E+03	100.00
	12	37.2	23.8	156.8	100.0	156.71	83.15	188.47	100.00	8.80	8.00	109.97	100.00	0.74	0.45	164.97	100.00	1.92E-04	1.00E-05	1.92E+03	100.00
	13.5	36.8	23.8	154.7	100.0	157.26	83.15	189.13	100.00	8.77	8.00	109.59	100.00	0.74	0.45	164.73	100.00	1.91E-04	1.00E-05	1.91E+03	100.00
	15	33.8	23.8	142.2	100.0	152.41	83.15	183.29	100.00	8.54	8.00	106.78	100.00	0.74	0.45	163.68	100.00	1.79E-04	1.00E-05	1.79E+03	100.00
	16.5	33.0	23.8	139.0	100.0	153.18	83.15	184.22	100.00	8.50	8.00	106.23	100.00	0.74	0.45	163.35	100.00	1.77E-04	1.00E-05	1.77E+03	100.00
	18	31.3	23.8	131.8	100.0	149.78	83.15	180.13	100.00	8.37	8.00	104.67	100.00	0.73	0.45	162.76	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	19.5	30.4	23.8	128.1	100.0	147.99	83.15	177.97	100.00	8.31	8.00	103.93	100.00	0.73	0.45	162.42	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	21	29.0	23.8	122.2	100.0	143.63	83.15	172.73	100.00	8.22	8.00	102.78	100.00	0.73	0.45	161.97	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	22.5	28.3	23.8	119.0	100.0	141.90	83.15	170.65	100.00	8.17	8.00	102.17	100.00	0.73	0.45	161.64	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	24	27.3	23.8	114.9	100.0	137.03	83.15	164.79	100.00	8.11	8.00	101.33	100.00	0.73	0.45	161.33	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	25.5	26.6	23.8	111.8	100.0	138.47	83.15	166.52	100.00	8.06	8.00	100.77	87.10	0.72	0.45	161.04	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	27	25.9	23.8	109.0	100.0	132.14	83.15	158.91	100.00	8.02	8.00	100.23	64.00	0.72	0.45	160.79	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	28.5	25.3	23.8	106.5	100.0	134.03	83.15	161.18	100.00	7.98	8.00	99.77	0.00	0.72	0.45	160.56	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	30	24.8	23.8	104.3	100.0	126.19	83.15	151.76	100.00	7.95	8.00	99.36	0.00	0.72	0.45	160.36	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	31.5	24.3	23.8	102.3	71.0	126.75	83.15	152.43	100.00	7.92	8.00	99.00	0.00	0.72	0.45	160.17	100.00	1.47E-04	1.00E-05	1.47E+03	100.00
	33	23.9	23.8	100.6	32.0	117.48	83.15	141.28	100.00	7.90	8.00	98.69	0.00	0.72	0.45	160.00	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	34.5	23.5	23.8	99.1	0.0	118.38	83.15	142.36	100.00	7.87	8.00	98.41	0.00	0.72	0.45	159.85	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	36	23.2	23.8	97.7	0.0	112.01	83.15	134.71	100.00	7.85	8.00	98.17	0.00	0.72	0.45	159.72	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	37.5	22.9	23.8	96.5	0.0	112.99	83.15	135.88	100.00	7.84	8.00	97.95	0.00	0.72	0.45	159.59	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	39	22.7	23.8	95.5	0.0	106.25	83.15	127.78	100.00	7.82	8.00	97.76	0.00	0.72	0.45	159.48	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	40.5	22.5	23.8	94.5	0.0	108.85	83.15	130.90	100.00	7.81	8.00	97.59	0.00	0.72	0.45	159.38	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	42	22.3	23.8	93.7	0.0	101.28	83.15	121.80	100.00	7.80	8.00	97.44	0.00	0.72	0.45	159.28	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	43.5	22.1	23.8	92.9	0.0	101.85	83.15	122.49	100.00	7.78	8.00	97.31	0.00	0.72	0.45	159.20	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	45	21.9	23.8	92.3	0.0	95.23	83.15	114.52	100.00	7.78	8.00	97.19	0.00	0.72	0.45	159.12	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	46.5	21.8	23.8	91.7	0.0	94.98	83.15	114.23	100.00	7.77	8.00	97.08	0.00	0.72	0.45	159.04	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	48	21.6	23.8	91.1	0.0	89.99	83.15	108.22	100.00	7.76	8.00	96.98	0.00	0.72	0.45	158.98	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	49.5	21.5	23.8	90.6	0.0	91.01	83.15	109.45	100.00	7.75	8.00	96.89	0.00	0.72	0.45	158.91	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	51	21.4	23.8	90.2	0.0	84.81	83.15	101.99	60.00	7.75	8.00	96.82	0.00	0.71	0.45	158.85	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	52.5	21.3	23.8	89.7	0.0	87.71	83.15	105.48	64.52	7.74	8.00	96.74	0.00	0.71	0.45	158.80	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	54	21.2	23.8	89.3	0.0	80.99	83.15	97.40	0.00	7.73	8.00	96.68	0.00	0.71	0.45	158.75	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	55.5	21.1	23.8	89.0	0.0	84.61	83.15	101.75	24.19	7.73	8.00	96.62	0.00	0.71	0.45	158.70	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	57	21.1	23.8	88.7	0.0	79.12	83.15	95.15	0.00	7.72	8.00	96.56	0.00	0.71	0.45	158.66	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	58.5	21.0	23.8	88.4	0.0	82.14	83.15	98.78	0.00	7.72	8.00	96.51	0.00	0.71	0.45	158.61	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	60	20.9	23.8	88.1	0.0	76.49	83.15	91.99	0.00	7.72	8.00	96.46	0.00	0.71	0.45	158.58	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	61.5	20.9	23.8	87.8	0.0	80.16	83.15	96.40	0.00	7.71	8.00	96.42	0.00	0.71	0.45	158.54	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	63	20.8	23.8	87.6	0.0	74.73	83.15	89.87	0.00	7.71	8.00	96.38	0.00	0.71	0.45	158.51	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	64.5	20.8	23.8	87.4	0.0	78.61	83.15	94.54	0.00	7.71	8.00	96.34	0.00	0.71	0.45	158.48	100.00	1.37E-04	1.00E-05	1.37E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	66	20.7	23.8	87.2	0.0	74.33	83.15	89.39	0.00	7.70	8.00	96.31	0.00	0.71	0.45	158.45	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	67.5	20.7	23.8	87.0	0.0	77.57	83.15	93.29	0.00	7.70	8.00	96.27	0.00	0.71	0.45	158.42	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	69	20.6	23.8	86.8	0.0	73.20	83.15	88.03	0.00	7.70	8.00	96.24	0.00	0.71	0.45	158.40	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.6	23.8	86.6	0.0	75.97	83.15	91.36	0.00	7.70	8.00	96.21	0.00	0.71	0.45	158.37	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	72	20.5	23.8	86.5	0.0	72.51	83.15	87.20	0.00	7.70	8.00	96.19	0.00	0.71	0.45	158.35	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	73.5	20.5	23.8	86.3	0.0	74.55	83.15	89.65	0.00	7.69	8.00	96.16	0.00	0.71	0.45	158.33	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	75	20.5	23.8	86.2	0.0	71.41	83.15	85.88	0.00	7.69	8.00	96.14	0.00	0.71	0.45	158.31	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	76.5	20.4	23.8	86.1	0.0	73.61	83.15	88.52	0.00	7.69	8.00	96.12	0.00	0.71	0.45	158.30	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	78	20.4	23.8	85.9	0.0	70.38	83.15	84.64	0.00	7.69	8.00	96.10	0.00	0.71	0.45	158.28	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.4	23.8	85.8	0.0	72.70	83.15	87.42	0.00	7.69	8.00	96.08	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	81	20.4	23.8	85.7	0.0	69.53	83.15	83.61	0.00	7.69	8.00	96.06	0.00	0.71	0.45	158.25	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.3	23.8	85.6	0.0	71.75	83.15	86.29	0.00	7.68	8.00	96.05	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	84	20.3	23.8	85.5	0.0	68.94	83.15	82.90	0.00	7.68	8.00	96.03	0.00	0.71	0.45	158.22	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.3	23.8	85.4	0.0	70.92	83.15	85.29	0.00	7.68	8.00	96.02	0.00	0.71	0.45	158.21	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	87	20.3	23.8	85.3	0.0	68.19	83.15	82.01	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.2	0.0	69.99	83.15	84.17	0.00	7.68	8.00	95.99	0.00	0.71	0.45	158.18	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	90	20.2	23.8	85.2	0.0	67.32	83.15	80.96	0.00	7.68	8.00	95.97	0.00	0.71	0.45	158.17	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.2	23.8	85.1	0.0	69.25	83.15	83.28	0.00	7.68	8.00	95.96	0.00	0.71	0.45	158.16	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	93	20.2	23.8	85.0	0.0	66.61	83.15	80.10	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.15	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	84.9	0.0	68.58	83.15	82.47	0.00	7.68	8.00	95.94	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	96	20.2	23.8	84.9	0.0	65.95	83.15	79.31	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.13	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	97.5	20.1	23.8	84.8	0.0	68.03	83.15	81.81	0.00	7.67	8.00	95.92	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	99	20.1	23.8	84.7	0.0	65.36	83.15	78.60	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	100.5	20.1	23.8	84.7	0.0	67.43	83.15	81.09	0.00	7.67	8.00	95.90	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	102	20.1	23.8	84.6	0.0	64.96	83.15	78.12	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.6	0.0	66.73	83.15	80.25	0.00	7.67	8.00	95.88	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	105	20.1	23.8	84.5	0.0	64.67	83.15	77.78	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.1	23.8	84.5	0.0	66.16	83.15	79.56	0.00	7.67	8.00	95.86	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	108	20.0	23.8	84.4	0.0	64.28	83.15	77.30	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.0	23.8	84.3	0.0	65.51	83.15	78.79	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	111	20.0	23.8	84.3	0.0	63.69	83.15	76.59	0.00	7.67	8.00	95.83	0.00	0.71	0.45	158.05	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.0	23.8	84.2	0.0	65.07	83.15	78.25	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	114	20.0	23.8	84.2	0.0	63.38	83.15	76.22	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.0	23.8	84.1	0.0	64.54	83.15	77.61	0.00	7.66	8.00	95.81	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	117	20.0	23.8	84.1	0.0	62.69	83.15	75.40	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	118.5	20.0	23.8	84.1	0.0	64.04	83.15	77.02	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	120	20.0	23.8	84.0	0.0	62.30	83.15	74.92	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	121.5	20.0	23.8	84.0	0.0	63.57	83.15	76.45	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	123	19.9	23.8	83.9	0.0	61.96	83.15	74.52	0.00	7.66	8.00	95.78	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	124.5	19.9	23.8	83.9	0.0	63.19	83.15	76.00	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_14	1.5	30.2	23.8	127.3	100.0	144.26	83.15	173.48	100.00	8.23	8.00	102.84	100.00	0.74	0.45	164.14	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	3	30.2	23.8	127.2	100.0	143.48	83.15	172.55	100.00	8.23	8.00	102.81	100.00	0.74	0.45	164.07	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	6	30.1	23.8	126.8	100.0	142.48	83.15	171.34	100.00	8.22	8.00	102.75	100.00	0.74	0.45	163.92	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	9	29.9	23.8	126.0	100.0	141.19	83.15	169.80	100.00	8.21	8.00	102.66	100.00	0.74	0.45	163.72	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	12	29.6	23.8	124.7	100.0	140.82	83.15	169.35	100.00	8.20	8.00	102.51	100.00	0.74	0.45	163.44	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	13.5	29.4	23.8	123.9	100.0	140.20	83.15	168.61	100.00	8.19	8.00	102.42	100.00	0.73	0.45	163.28	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
BLDG_27	1.5	29.2	23.8	122.9	100.0	136.45	83.15	164.10	100.00	8.11	8.00	101.40	100.00	0.74	0.45	164.39	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	3	29.0	23.8	122.2	100.0	135.09	83.15	162.46	100.00	8.11	8.00	101.34	100.00	0.74	0.45	164.21	100.00	1.53E-04	1.00E-05	1.53E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	4.5	28.9	23.8	121.5	100.0	131.84	83.15	158.55	100.00	8.10	8.00	101.30	100.00	0.74	0.45	164.03	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	6	28.4	23.8	119.7	100.0	130.04	83.15	156.38	100.00	8.09	8.00	101.09	100.00	0.74	0.45	163.48	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	7.5	28.5	23.8	120.1	100.0	130.02	83.15	156.36	100.00	8.09	8.00	101.15	100.00	0.74	0.45	163.70	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	9	28.2	23.8	118.7	100.0	128.87	83.15	154.98	100.00	8.08	8.00	101.03	100.00	0.73	0.45	163.25	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	10.5	28.2	23.8	118.6	100.0	128.65	83.15	154.72	100.00	8.09	8.00	101.07	100.00	0.74	0.45	163.38	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	12	27.8	23.8	117.2	100.0	127.86	83.15	153.77	100.00	8.07	8.00	100.93	100.00	0.73	0.45	162.94	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	13.5	27.7	23.8	116.8	100.0	127.62	83.15	153.47	100.00	8.08	8.00	100.95	100.00	0.73	0.45	163.00	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	15	27.4	23.8	115.5	100.0	127.10	83.15	152.85	100.00	8.06	8.00	100.81	100.00	0.73	0.45	162.59	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	16.5	27.3	23.8	114.9	100.0	127.08	83.15	152.82	100.00	8.06	8.00	100.77	100.00	0.73	0.45	162.58	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	18	27.0	23.8	113.4	100.0	125.30	83.15	150.68	100.00	8.05	8.00	100.60	100.00	0.73	0.45	162.19	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	19.5	26.8	23.8	113.0	100.0	124.77	83.15	150.05	100.00	8.04	8.00	100.54	100.00	0.73	0.45	162.12	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	21	26.5	23.8	111.4	100.0	123.51	83.15	148.53	100.00	8.03	8.00	100.33	100.00	0.73	0.45	161.78	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	22.5	26.3	23.8	110.7	100.0	121.84	83.15	146.53	100.00	8.02	8.00	100.24	53.52	0.73	0.45	161.68	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	24	26.0	23.8	109.3	100.0	120.65	83.15	145.10	100.00	8.00	8.00	100.03	30.00	0.73	0.45	161.40	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	25.5	25.8	23.8	108.6	100.0	120.04	83.15	144.36	100.00	7.99	8.00	99.91	0.00	0.73	0.45	161.28	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	27	25.5	23.8	107.1	100.0	117.84	83.15	141.71	100.00	7.97	8.00	99.68	0.00	0.72	0.45	161.04	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	28.5	25.3	23.8	106.3	100.0	116.92	83.15	140.61	100.00	7.96	8.00	99.55	0.00	0.72	0.45	160.93	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	30	24.9	23.8	104.9	100.0	114.57	83.15	137.79	100.00	7.95	8.00	99.32	0.00	0.72	0.45	160.72	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	31.5	24.7	23.8	104.0	100.0	113.11	83.15	136.03	100.00	7.93	8.00	99.18	0.00	0.72	0.45	160.62	100.00	1.47E-04	1.00E-05	1.47E+03	100.00
	33	24.4	23.8	102.7	100.0	109.05	83.15	131.14	100.00	7.92	8.00	98.96	0.00	0.72	0.45	160.44	100.00	1.47E-04	1.00E-05	1.47E+03	100.00
	34.5	24.2	23.8	101.9	100.0	108.71	83.15	130.73	100.00	7.91	8.00	98.82	0.00	0.72	0.45	160.34	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	36	23.9	23.8	100.6	100.0	104.81	83.15	126.05	100.00	7.89	8.00	98.60	0.00	0.72	0.45	160.18	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	37.5	23.7	23.8	99.8	0.0	104.54	83.15	125.72	100.00	7.88	8.00	98.47	0.00	0.72	0.45	160.10	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	39	23.4	23.8	98.7	0.0	104.28	83.15	125.41	100.00	7.86	8.00	98.28	0.00	0.72	0.45	159.95	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	40.5	23.3	23.8	97.9	0.0	102.26	83.15	122.98	100.00	7.85	8.00	98.15	0.00	0.72	0.45	159.87	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	42	23.0	23.8	97.0	0.0	100.50	83.15	120.86	100.00	7.84	8.00	97.98	0.00	0.72	0.45	159.74	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	43.5	22.9	23.8	96.4	0.0	97.89	83.15	117.73	100.00	7.83	8.00	97.87	0.00	0.72	0.45	159.67	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	45	22.7	23.8	95.5	0.0	94.76	83.15	113.96	100.00	7.82	8.00	97.71	0.00	0.72	0.45	159.55	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	46.5	22.6	23.8	94.9	0.0	92.50	83.15	111.24	100.00	7.81	8.00	97.62	0.00	0.72	0.45	159.48	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	48	22.4	23.8	94.1	0.0	89.27	83.15	107.36	100.00	7.80	8.00	97.48	0.00	0.72	0.45	159.37	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	49.5	22.2	23.8	93.6	0.0	87.23	83.15	104.90	52.11	7.79	8.00	97.40	0.00	0.72	0.45	159.31	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	51	22.1	23.8	92.9	0.0	82.66	83.15	99.40	0.00	7.78	8.00	97.28	0.00	0.72	0.45	159.21	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	52.5	22.0	23.8	92.5	0.0	81.09	83.15	97.52	0.00	7.78	8.00	97.21	0.00	0.72	0.45	159.15	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	54	21.8	23.8	91.9	0.0	76.76	83.15	92.32	0.00	7.77	8.00	97.11	0.00	0.72	0.45	159.07	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.7	23.8	91.5	0.0	75.51	83.15	90.81	0.00	7.76	8.00	97.04	0.00	0.72	0.45	159.01	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	57	21.6	23.8	91.0	0.0	72.47	83.15	87.15	0.00	7.76	8.00	96.96	0.00	0.72	0.45	158.94	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	58.5	21.5	23.8	90.7	0.0	71.63	83.15	86.14	0.00	7.75	8.00	96.90	0.00	0.72	0.45	158.89	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	60	21.4	23.8	90.2	0.0	68.78	83.15	82.71	0.00	7.75	8.00	96.83	0.00	0.71	0.45	158.82	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	61.5	21.4	23.8	89.9	0.0	68.35	83.15	82.20	0.00	7.74	8.00	96.78	0.00	0.71	0.45	158.78	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	63	21.3	23.8	89.5	0.0	66.57	83.15	80.06	0.00	7.74	8.00	96.71	0.00	0.71	0.45	158.72	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	64.5	21.2	23.8	89.3	0.0	66.44	83.15	79.90	0.00	7.73	8.00	96.67	0.00	0.71	0.45	158.69	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	66	21.1	23.8	88.8	0.0	64.06	83.15	77.04	0.00	7.73	8.00	96.61	0.00	0.71	0.45	158.60	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	67.5	21.1	23.8	88.6	0.0	63.64	83.15	76.54	0.00	7.73	8.00	96.57	0.00	0.71	0.45	158.58	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	69	21.0	23.8	88.3	0.0	62.99	83.15	75.75	0.00	7.72	8.00	96.52	0.00	0.71	0.45	158.53	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	70.5	20.9	23.8	88.1	0.0	62.53	83.15	75.20	0.00	7.72	8.00	96.49	0.00	0.71	0.45	158.51	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	72	20.9	23.8	87.8	0.0	61.92	83.15	74.46	0.00	7.72	8.00	96.44	0.00	0.71	0.45	158.46	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.8	23.8	87.7	0.0	62.22	83.15	74.82	0.00	7.71	8.00	96.41	0.00	0.71	0.45	158.45	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	75	20.8	23.8	87.4	0.0	61.61	83.15	74.10	0.00	7.71	8.00	96.37	0.00	0.71	0.45	158.41	100.00	1.37E-04	1.00E-05	1.37E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	76.5	20.7	23.8	87.3	0.0	61.59	83.15	74.07	0.00	7.71	8.00	96.35	0.00	0.71	0.45	158.40	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
BLDG_13	1.5	30.3	23.8	127.7	100.0	144.00	83.15	173.17	100.00	8.23	8.00	102.88	100.00	0.74	0.45	164.24	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	3	30.3	23.8	127.6	100.0	143.58	83.15	172.67	100.00	8.23	8.00	102.85	100.00	0.74	0.45	164.16	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	6	30.2	23.8	127.2	100.0	142.50	83.15	171.37	100.00	8.22	8.00	102.78	100.00	0.74	0.45	164.01	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	9	30.0	23.8	126.3	100.0	141.22	83.15	169.83	100.00	8.22	8.00	102.69	100.00	0.74	0.45	163.79	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	12	29.7	23.8	125.0	100.0	140.78	83.15	169.30	100.00	8.20	8.00	102.54	100.00	0.74	0.45	163.50	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	13.5	29.5	23.8	124.2	100.0	140.21	83.15	168.62	100.00	8.20	8.00	102.44	100.00	0.73	0.45	163.33	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
BLDG_09	1.5	31.2	23.8	131.3	100.0	144.27	83.15	173.50	100.00	8.22	8.00	102.69	100.00	0.75	0.45	165.72	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	3	30.9	23.8	130.1	100.0	140.20	83.15	168.61	100.00	8.20	8.00	102.55	100.00	0.74	0.45	165.40	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	6	30.7	23.8	129.2	100.0	138.73	83.15	166.83	100.00	8.20	8.00	102.46	100.00	0.74	0.45	165.18	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	9	30.3	23.8	127.6	100.0	135.64	83.15	163.12	100.00	8.19	8.00	102.32	100.00	0.74	0.45	164.78	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	12	29.8	23.8	125.5	100.0	134.55	83.15	161.81	100.00	8.17	8.00	102.11	100.00	0.74	0.45	164.32	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	13.5	29.5	23.8	124.2	100.0	134.46	83.15	161.70	100.00	8.16	8.00	101.98	100.00	0.74	0.45	164.06	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
BLDG_15	1.5	30.7	23.8	129.2	100.0	142.81	83.15	171.74	100.00	8.20	8.00	102.45	100.00	0.74	0.45	165.25	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	3	30.5	23.8	128.3	100.0	139.22	83.15	167.43	100.00	8.19	8.00	102.34	100.00	0.74	0.45	165.02	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	6	30.2	23.8	127.3	100.0	138.22	83.15	166.23	100.00	8.18	8.00	102.26	100.00	0.74	0.45	164.77	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	9	29.9	23.8	125.8	100.0	135.26	83.15	162.66	100.00	8.17	8.00	102.11	100.00	0.74	0.45	164.41	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	12	29.4	23.8	123.8	100.0	134.25	83.15	161.45	100.00	8.16	8.00	101.94	100.00	0.74	0.45	163.99	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	13.5	29.2	23.8	122.8	100.0	134.11	83.15	161.29	100.00	8.15	8.00	101.83	100.00	0.74	0.45	163.75	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
BLDG_12	1.5	30.4	23.8	128.1	100.0	144.19	83.15	173.40	100.00	8.23	8.00	102.92	100.00	0.74	0.45	164.38	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	3	30.4	23.8	128.0	100.0	143.69	83.15	172.80	100.00	8.23	8.00	102.89	100.00	0.74	0.45	164.30	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	6	30.3	23.8	127.6	100.0	142.67	83.15	171.58	100.00	8.23	8.00	102.82	100.00	0.74	0.45	164.14	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	9	30.1	23.8	126.7	100.0	141.27	83.15	169.89	100.00	8.22	8.00	102.72	100.00	0.74	0.45	163.91	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	12	29.8	23.8	125.3	100.0	140.81	83.15	169.34	100.00	8.21	8.00	102.57	100.00	0.74	0.45	163.61	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	13.5	29.6	23.8	124.5	100.0	140.25	83.15	168.67	100.00	8.20	8.00	102.47	100.00	0.74	0.45	163.43	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
BLDG_06	1.5	33.5	23.8	141.0	100.0	151.48	83.15	182.17	100.00	8.49	8.00	106.09	100.00	0.74	0.45	164.79	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	3	33.4	23.8	140.8	100.0	151.43	83.15	182.11	100.00	8.49	8.00	106.06	100.00	0.74	0.45	164.74	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	4.5	33.4	23.8	140.4	100.0	151.34	83.15	182.00	100.00	8.48	8.00	106.01	100.00	0.74	0.45	164.68	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	7.5	32.9	23.8	138.5	100.0	150.84	83.15	181.39	100.00	8.45	8.00	105.65	100.00	0.74	0.45	164.43	100.00	1.73E-04	1.00E-05	1.73E+03	100.00
	10.5	32.4	23.8	136.2	100.0	150.13	83.15	180.54	100.00	8.42	8.00	105.22	100.00	0.74	0.45	164.11	100.00	1.71E-04	1.00E-05	1.71E+03	100.00
	13.5	31.6	23.8	132.9	100.0	148.39	83.15	178.45	100.00	8.37	8.00	104.57	100.00	0.74	0.45	163.67	100.00	1.69E-04	1.00E-05	1.69E+03	100.00
	16.5	30.4	23.8	128.1	100.0	143.49	83.15	172.57	100.00	8.29	8.00	103.63	100.00	0.73	0.45	163.08	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	19.5	29.2	23.8	122.8	100.0	136.57	83.15	164.24	100.00	8.21	8.00	102.65	100.00	0.73	0.45	162.50	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	22.5	27.9	23.8	117.4	100.0	132.29	83.15	159.09	100.00	8.13	8.00	101.64	100.00	0.73	0.45	161.92	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	25.5	26.6	23.8	112.2	100.0	122.27	83.15	147.05	100.00	8.06	8.00	100.69	100.00	0.73	0.45	161.40	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	28.5	25.6	23.8	107.7	100.0	118.45	83.15	142.45	100.00	7.99	8.00	99.88	0.00	0.72	0.45	160.95	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	31.5	24.8	23.8	104.2	100.0	116.15	83.15	139.68	100.00	7.94	8.00	99.23	0.00	0.72	0.45	160.57	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	34.5	24.1	23.8	101.2	100.0	111.35	83.15	133.91	100.00	7.90	8.00	98.69	0.00	0.72	0.45	160.25	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	37.5	23.5	23.8	98.8	0.0	105.66	83.15	127.07	100.00	7.86	8.00	98.26	0.00	0.72	0.45	159.97	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	40.5	23.0	23.8	96.7	0.0	101.26	83.15	121.77	100.00	7.83	8.00	97.90	0.00	0.72	0.45	159.73	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	43.5	22.6	23.8	95.0	0.0	96.64	83.15	116.22	100.00	7.81	8.00	97.60	0.00	0.72	0.45	159.52	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	46.5	22.2	23.8	93.5	0.0	90.65	83.15	109.02	100.00	7.79	8.00	97.34	0.00	0.72	0.45	159.33	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	49.5	21.9	23.8	92.2	0.0	83.15	83.15	99.99	0.00	7.77	8.00	97.13	0.00	0.72	0.45	159.17	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	52.5	21.6	23.8	91.1	0.0	75.90	83.15	91.28	0.00	7.76	8.00	96.95	0.00	0.72	0.45	159.02	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	55.5	21.4	23.8	90.2	0.0	71.71	83.15	86.23	0.00	7.74	8.00	96.80	0.00	0.72	0.45	158.89	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	58.5	21.2	23.8	89.4	0.0	69.97	83.15	84.14	0.00	7.73	8.00	96.67	0.00	0.71	0.45	158.78	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	61.5	21.1	23.8	88.7	0.0	67.45	83.15	81.12	0.00	7.72	8.00	96.56	0.00	0.71	0.45	158.69	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	64.5	20.9	23.8	88.1	0.0	67.02	83.15	80.60	0.00	7.72	8.00	96.46	0.00	0.71	0.45	158.61	100.00	1.37E-04	1.00E-05	1.37E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	67.5	20.8	23.8	87.6	0.0	66.61	83.15	80.11	0.00	7.71	8.00	96.38	0.00	0.71	0.45	158.54	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.7	23.8	87.2	0.0	66.18	83.15	79.59	0.00	7.71	8.00	96.31	0.00	0.71	0.45	158.48	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.6	23.8	86.8	0.0	65.37	83.15	78.61	0.00	7.70	8.00	96.25	0.00	0.71	0.45	158.43	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	76.5	20.6	23.8	86.5	0.0	65.10	83.15	78.28	0.00	7.70	8.00	96.20	0.00	0.71	0.45	158.39	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.5	23.8	86.2	0.0	64.85	83.15	77.99	0.00	7.69	8.00	96.15	0.00	0.71	0.45	158.35	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.4	23.8	86.0	0.0	64.63	83.15	77.73	0.00	7.69	8.00	96.11	0.00	0.71	0.45	158.32	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.4	23.8	85.7	0.0	64.12	83.15	77.10	0.00	7.69	8.00	96.07	0.00	0.71	0.45	158.29	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.5	0.0	63.69	83.15	76.60	0.00	7.68	8.00	96.04	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.3	23.8	85.3	0.0	63.15	83.15	75.94	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	85.2	0.0	62.90	83.15	75.64	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.21	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	97.5	20.2	23.8	85.0	0.0	62.64	83.15	75.33	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.19	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	100.5	20.2	23.8	84.9	0.0	62.64	83.15	75.33	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.17	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.8	0.0	62.26	83.15	74.87	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.15	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.1	23.8	84.7	0.0	61.98	83.15	74.53	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.1	23.8	84.6	0.0	61.79	83.15	74.31	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.1	23.8	84.5	0.0	61.43	83.15	73.87	0.00	7.67	8.00	95.86	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.0	23.8	84.4	0.0	60.81	83.15	73.13	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	118.5	20.0	23.8	84.3	0.0	60.32	83.15	72.54	0.00	7.67	8.00	95.83	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	121.5	20.0	23.8	84.2	0.0	60.00	83.15	72.16	0.00	7.67	8.00	95.81	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	124.5	20.0	23.8	84.1	0.0	59.86	83.15	71.99	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.05	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_10	1.5	30.6	23.8	128.7	100.0	144.31	83.15	173.55	100.00	8.24	8.00	102.97	100.00	0.74	0.45	164.56	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	3	30.6	23.8	128.6	100.0	143.79	83.15	172.92	100.00	8.24	8.00	102.95	100.00	0.74	0.45	164.50	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	6	30.4	23.8	128.1	100.0	142.70	83.15	171.62	100.00	8.23	8.00	102.86	100.00	0.74	0.45	164.33	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	9	30.2	23.8	127.1	100.0	141.48	83.15	170.14	100.00	8.22	8.00	102.75	100.00	0.74	0.45	164.08	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	12	29.8	23.8	125.6	100.0	140.75	83.15	169.26	100.00	8.21	8.00	102.59	100.00	0.74	0.45	163.76	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	13.5	29.6	23.8	124.8	100.0	141.77	83.15	170.50	100.00	8.20	8.00	102.49	100.00	0.74	0.45	163.57	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
BLDG_20	1.5	46.8	23.8	197.0	100.0	171.59	83.15	206.35	100.00	9.61	8.00	120.11	100.00	0.76	0.45	169.12	100.00	2.34E-04	1.00E-05	2.34E+03	100.00
	3	46.9	23.8	197.4	100.0	171.84	83.15	206.66	100.00	9.62	8.00	120.24	100.00	0.76	0.45	169.15	100.00	2.35E-04	1.00E-05	2.35E+03	100.00
	6	46.4	23.8	195.5	100.0	170.73	83.15	205.32	100.00	9.58	8.00	119.71	100.00	0.76	0.45	168.89	100.00	2.33E-04	1.00E-05	2.33E+03	100.00
	7.5	39.2	23.8	165.0	100.0	159.43	83.15	191.73	100.00	8.96	8.00	112.03	100.00	0.75	0.45	165.92	100.00	2.00E-04	1.00E-05	2.00E+03	100.00
	9	45.1	23.8	189.9	100.0	168.43	83.15	202.55	100.00	9.46	8.00	118.22	100.00	0.76	0.45	168.25	100.00	2.27E-04	1.00E-05	2.27E+03	100.00
	10.5	42.9	23.8	180.6	100.0	163.36	83.15	196.46	100.00	9.26	8.00	115.74	100.00	0.75	0.45	167.20	100.00	2.16E-04	1.00E-05	2.16E+03	100.00
	12	36.5	23.8	153.6	100.0	155.43	83.15	186.92	100.00	8.75	8.00	109.33	100.00	0.74	0.45	164.76	100.00	1.89E-04	1.00E-05	1.89E+03	100.00
	13.5	37.9	23.8	159.4	100.0	157.68	83.15	189.62	100.00	8.85	8.00	110.61	100.00	0.74	0.45	165.17	100.00	1.95E-04	1.00E-05	1.95E+03	100.00
	15	34.1	23.8	143.7	100.0	152.76	83.15	183.71	100.00	8.57	8.00	107.12	100.00	0.74	0.45	163.78	100.00	1.80E-04	1.00E-05	1.80E+03	100.00
	16.5	34.1	23.8	143.3	100.0	153.73	83.15	184.87	100.00	8.57	8.00	107.09	100.00	0.74	0.45	163.67	100.00	1.80E-04	1.00E-05	1.80E+03	100.00
	18	31.8	23.8	133.8	100.0	150.64	83.15	181.16	100.00	8.41	8.00	105.07	100.00	0.73	0.45	162.88	100.00	1.72E-04	1.00E-05	1.72E+03	100.00
	19.5	31.0	23.8	130.6	100.0	150.03	83.15	180.43	100.00	8.36	8.00	104.50	100.00	0.73	0.45	162.58	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	21	29.5	23.8	124.0	100.0	145.00	83.15	174.38	100.00	8.25	8.00	103.15	100.00	0.73	0.45	162.03	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	22.5	28.8	23.8	121.0	100.0	144.20	83.15	173.41	100.00	8.21	8.00	102.57	100.00	0.73	0.45	161.76	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	24	27.5	23.8	115.9	100.0	139.17	83.15	167.37	100.00	8.13	8.00	101.57	100.00	0.73	0.45	161.32	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	25.5	27.0	23.8	113.5	100.0	139.26	83.15	167.48	100.00	8.09	8.00	101.11	100.00	0.72	0.45	161.10	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	27	26.0	23.8	109.6	100.0	134.81	83.15	162.13	100.00	8.03	8.00	100.37	100.00	0.72	0.45	160.76	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	28.5	25.6	23.8	107.8	100.0	135.57	83.15	163.03	100.00	8.00	8.00	100.03	8.57	0.72	0.45	160.58	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	30	24.9	23.8	104.6	100.0	127.87	83.15	153.78	100.00	7.96	8.00	99.44	0.00	0.72	0.45	160.31	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	31.5	24.5	23.8	103.2	100.0	128.62	83.15	154.68	100.00	7.94	8.00	99.19	0.00	0.72	0.45	160.17	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	33	23.9	23.8	100.8	100.0	119.72	83.15	143.98	100.00	7.90	8.00	98.74	0.00	0.72	0.45	159.95	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	34.5	23.7	23.8	99.7	0.0	120.58	83.15	145.01	100.00	7.88	8.00	98.55	0.00	0.72	0.45	159.83	100.00	1.46E-04	1.00E-05	1.46E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	36	23.2	23.8	97.8	0.0	113.33	83.15	136.30	100.00	7.86	8.00	98.20	0.00	0.72	0.45	159.66	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	37.5	23.1	23.8	97.0	0.0	114.28	83.15	137.44	100.00	7.84	8.00	98.05	0.00	0.72	0.45	159.56	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	39	22.7	23.8	95.5	0.0	105.39	83.15	126.74	100.00	7.82	8.00	97.79	0.00	0.72	0.45	159.42	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	40.5	22.5	23.8	94.9	0.0	109.74	83.15	131.97	100.00	7.81	8.00	97.67	0.00	0.72	0.45	159.34	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	42	22.3	23.8	93.7	0.0	99.84	83.15	120.06	100.00	7.80	8.00	97.46	0.00	0.72	0.45	159.23	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	43.5	22.1	23.8	93.2	0.0	104.12	83.15	125.22	100.00	7.79	8.00	97.37	0.00	0.72	0.45	159.16	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	45	21.9	23.8	92.3	0.0	95.27	83.15	114.57	100.00	7.78	8.00	97.20	0.00	0.72	0.45	159.06	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	46.5	21.8	23.8	91.9	0.0	96.49	83.15	116.04	100.00	7.77	8.00	97.13	0.00	0.72	0.45	159.01	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	48	21.6	23.8	91.1	0.0	90.14	83.15	108.41	100.00	7.76	8.00	96.99	0.00	0.72	0.45	158.93	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	49.5	21.6	23.8	90.8	0.0	90.67	83.15	109.04	100.00	7.75	8.00	96.93	0.00	0.71	0.45	158.88	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	51	21.4	23.8	90.1	0.0	85.11	83.15	102.35	50.00	7.75	8.00	96.82	0.00	0.71	0.45	158.81	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	52.5	21.3	23.8	89.8	0.0	87.07	83.15	104.71	68.57	7.74	8.00	96.77	0.00	0.71	0.45	158.77	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	54	21.2	23.8	89.3	0.0	82.48	83.15	99.19	0.00	7.73	8.00	96.68	0.00	0.71	0.45	158.71	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	55.5	21.2	23.8	89.1	0.0	83.95	83.15	100.95	42.86	7.73	8.00	96.64	0.00	0.71	0.45	158.68	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	57	21.1	23.8	88.6	0.0	80.48	83.15	96.79	0.00	7.72	8.00	96.56	0.00	0.71	0.45	158.63	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	58.5	21.0	23.8	88.4	0.0	81.58	83.15	98.11	0.00	7.72	8.00	96.53	0.00	0.71	0.45	158.60	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	60	20.9	23.8	88.0	0.0	77.26	83.15	92.91	0.00	7.72	8.00	96.46	0.00	0.71	0.45	158.55	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	61.5	20.9	23.8	87.9	0.0	79.37	83.15	95.45	0.00	7.71	8.00	96.43	0.00	0.71	0.45	158.52	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	63	20.8	23.8	87.6	0.0	74.63	83.15	89.75	0.00	7.71	8.00	96.37	0.00	0.71	0.45	158.49	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	64.5	20.8	23.8	87.4	0.0	78.04	83.15	93.85	0.00	7.71	8.00	96.35	0.00	0.71	0.45	158.46	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	66	20.7	23.8	87.1	0.0	73.68	83.15	88.61	0.00	7.70	8.00	96.30	0.00	0.71	0.45	158.43	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	67.5	20.7	23.8	87.0	0.0	77.23	83.15	92.88	0.00	7.70	8.00	96.28	0.00	0.71	0.45	158.41	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	69	20.6	23.8	86.8	0.0	73.31	83.15	88.16	0.00	7.70	8.00	96.24	0.00	0.71	0.45	158.38	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.6	23.8	86.6	0.0	74.76	83.15	89.91	0.00	7.70	8.00	96.22	0.00	0.71	0.45	158.36	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	72	20.5	23.8	86.4	0.0	72.86	83.15	87.62	0.00	7.69	8.00	96.19	0.00	0.71	0.45	158.34	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	73.5	20.5	23.8	86.3	0.0	73.60	83.15	88.51	0.00	7.69	8.00	96.17	0.00	0.71	0.45	158.32	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	75	20.5	23.8	86.2	0.0	71.38	83.15	85.84	0.00	7.69	8.00	96.14	0.00	0.71	0.45	158.30	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	76.5	20.4	23.8	86.1	0.0	72.33	83.15	86.99	0.00	7.69	8.00	96.13	0.00	0.71	0.45	158.29	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	78	20.4	23.8	85.9	0.0	70.17	83.15	84.39	0.00	7.69	8.00	96.10	0.00	0.71	0.45	158.27	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.4	23.8	85.8	0.0	71.22	83.15	85.64	0.00	7.69	8.00	96.09	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	81	20.4	23.8	85.7	0.0	69.12	83.15	83.12	0.00	7.68	8.00	96.06	0.00	0.71	0.45	158.24	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.3	23.8	85.6	0.0	70.51	83.15	84.79	0.00	7.68	8.00	96.05	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	84	20.3	23.8	85.5	0.0	68.09	83.15	81.88	0.00	7.68	8.00	96.03	0.00	0.71	0.45	158.21	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.3	23.8	85.4	0.0	69.81	83.15	83.96	0.00	7.68	8.00	96.02	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	87	20.3	23.8	85.3	0.0	67.26	83.15	80.88	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.19	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.2	0.0	68.92	83.15	82.89	0.00	7.68	8.00	95.99	0.00	0.71	0.45	158.18	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	90	20.2	23.8	85.1	0.0	66.68	83.15	80.18	0.00	7.68	8.00	95.97	0.00	0.71	0.45	158.16	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.2	23.8	85.1	0.0	67.96	83.15	81.73	0.00	7.68	8.00	95.96	0.00	0.71	0.45	158.16	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	93	20.2	23.8	85.0	0.0	66.22	83.15	79.64	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.14	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	84.9	0.0	67.32	83.15	80.96	0.00	7.68	8.00	95.94	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	96	20.2	23.8	84.8	0.0	65.76	83.15	79.09	0.00	7.67	8.00	95.92	0.00	0.71	0.45	158.13	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	97.5	20.1	23.8	84.8	0.0	66.85	83.15	80.40	0.00	7.67	8.00	95.92	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	99	20.1	23.8	84.7	0.0	65.45	83.15	78.71	0.00	7.67	8.00	95.90	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	100.5	20.1	23.8	84.7	0.0	66.37	83.15	79.82	0.00	7.67	8.00	95.90	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	102	20.1	23.8	84.6	0.0	65.17	83.15	78.37	0.00	7.67	8.00	95.88	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.6	0.0	65.96	83.15	79.32	0.00	7.67	8.00	95.88	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_05	1.5	39.9	23.8	168.0	100.0	160.02	83.15	192.44	100.00	9.00	8.00	112.49	100.00	0.75	0.45	166.80	100.00	2.02E-04	1.00E-05	2.02E+03	100.00
	3	39.9	23.8	168.0	100.0	159.94	83.15	192.34	100.00	9.00	8.00	112.48	100.00	0.75	0.45	166.77	100.00	2.02E-04	1.00E-05	2.02E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	6	39.6	23.8	166.6	100.0	159.04	83.15	191.27	100.00	8.97	8.00	112.17	100.00	0.75	0.45	166.57	100.00	2.00E-04	1.00E-05	2.00E+03	100.00
	7.5	36.5	23.8	153.7	100.0	154.88	83.15	186.26	100.00	8.73	8.00	109.10	100.00	0.74	0.45	165.52	100.00	1.87E-04	1.00E-05	1.87E+03	100.00
	9	38.5	23.8	161.8	100.0	158.05	83.15	190.07	100.00	8.88	8.00	111.06	100.00	0.75	0.45	166.04	100.00	1.96E-04	1.00E-05	1.96E+03	100.00
	10.5	37.7	23.8	158.5	100.0	156.61	83.15	188.34	100.00	8.82	8.00	110.26	100.00	0.75	0.45	165.66	100.00	1.93E-04	1.00E-05	1.93E+03	100.00
	13.5	34.7	23.8	146.2	100.0	151.78	83.15	182.53	100.00	8.60	8.00	107.49	100.00	0.74	0.45	164.50	100.00	1.81E-04	1.00E-05	1.81E+03	100.00
	16.5	32.6	23.8	137.1	100.0	149.65	83.15	179.97	100.00	8.45	8.00	105.59	100.00	0.74	0.45	163.60	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	19.5	30.3	23.8	127.6	100.0	144.94	83.15	174.30	100.00	8.30	8.00	103.69	100.00	0.73	0.45	162.78	100.00	1.66E-04	1.00E-05	1.66E+03	100.00
	22.5	28.5	23.8	119.8	100.0	137.03	83.15	164.80	100.00	8.17	8.00	102.16	100.00	0.73	0.45	162.06	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	25.5	26.9	23.8	113.2	100.0	131.56	83.15	158.22	100.00	8.07	8.00	100.93	100.00	0.73	0.45	161.43	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	28.5	25.6	23.8	107.8	100.0	123.24	83.15	148.20	100.00	7.99	8.00	99.93	0.00	0.72	0.45	160.91	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	31.5	24.6	23.8	103.6	100.0	116.45	83.15	140.05	100.00	7.93	8.00	99.15	0.00	0.72	0.45	160.49	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	34.5	23.8	23.8	100.3	22.5	110.61	83.15	133.02	100.00	7.88	8.00	98.54	0.00	0.72	0.45	160.14	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	37.5	23.2	23.8	97.7	0.0	104.04	83.15	125.12	100.00	7.85	8.00	98.07	0.00	0.72	0.45	159.85	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	40.5	22.7	23.8	95.6	0.0	98.13	83.15	118.01	100.00	7.82	8.00	97.70	0.00	0.72	0.45	159.61	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	43.5	22.3	23.8	93.9	0.0	93.73	83.15	112.71	100.00	7.79	8.00	97.41	0.00	0.72	0.45	159.41	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	46.5	22.0	23.8	92.5	0.0	88.88	83.15	106.88	100.00	7.77	8.00	97.17	0.00	0.72	0.45	159.23	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	49.5	21.7	23.8	91.3	0.0	84.94	83.15	102.15	37.50	7.76	8.00	96.97	0.00	0.72	0.45	159.08	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	52.5	21.5	23.8	90.3	0.0	80.88	83.15	97.27	0.00	7.74	8.00	96.81	0.00	0.72	0.45	158.94	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	55.5	21.3	23.8	89.5	0.0	77.53	83.15	93.24	0.00	7.73	8.00	96.67	0.00	0.71	0.45	158.83	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	58.5	21.1	23.8	88.8	0.0	76.34	83.15	91.81	0.00	7.72	8.00	96.56	0.00	0.71	0.45	158.73	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	61.5	20.9	23.8	88.2	0.0	75.04	83.15	90.24	0.00	7.72	8.00	96.46	0.00	0.71	0.45	158.64	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	64.5	20.8	23.8	87.6	0.0	72.66	83.15	87.38	0.00	7.71	8.00	96.37	0.00	0.71	0.45	158.57	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	67.5	20.7	23.8	87.2	0.0	71.39	83.15	85.86	0.00	7.70	8.00	96.30	0.00	0.71	0.45	158.50	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.6	23.8	86.9	0.0	70.57	83.15	84.87	0.00	7.70	8.00	96.24	0.00	0.71	0.45	158.45	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.6	23.8	86.5	0.0	70.05	83.15	84.24	0.00	7.69	8.00	96.19	0.00	0.71	0.45	158.40	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	76.5	20.5	23.8	86.3	0.0	69.53	83.15	83.62	0.00	7.69	8.00	96.14	0.00	0.71	0.45	158.36	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.4	23.8	86.0	0.0	69.01	83.15	82.99	0.00	7.69	8.00	96.10	0.00	0.71	0.45	158.33	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.4	23.8	85.8	0.0	68.50	83.15	82.37	0.00	7.69	8.00	96.07	0.00	0.71	0.45	158.30	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.3	23.8	85.6	0.0	67.90	83.15	81.66	0.00	7.68	8.00	96.03	0.00	0.71	0.45	158.27	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.4	0.0	67.06	83.15	80.65	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.24	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.3	23.8	85.2	0.0	66.51	83.15	79.99	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.22	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	85.1	0.0	65.82	83.15	79.16	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	97.5	20.2	23.8	84.9	0.0	65.54	83.15	78.82	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.18	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	100.5	20.2	23.8	84.8	0.0	65.26	83.15	78.48	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.16	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.7	0.0	64.67	83.15	77.78	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.1	23.8	84.6	0.0	63.97	83.15	76.93	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.1	23.8	84.5	0.0	63.30	83.15	76.12	0.00	7.67	8.00	95.86	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.0	23.8	84.4	0.0	62.73	83.15	75.44	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.0	23.8	84.3	0.0	62.21	83.15	74.81	0.00	7.67	8.00	95.83	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	118.5	20.0	23.8	84.2	0.0	61.71	83.15	74.22	0.00	7.67	8.00	95.81	0.00	0.71	0.45	158.07	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	121.5	20.0	23.8	84.1	0.0	60.99	83.15	73.35	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	124.5	20.0	23.8	84.1	0.0	60.56	83.15	72.83	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	127.5	20.0	23.8	84.0	0.0	59.86	83.15	71.98	0.00	7.66	8.00	95.78	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	130.5	19.9	23.8	83.9	0.0	59.50	83.15	71.56	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	133.5	19.9	23.8	83.8	0.0	59.29	83.15	71.30	0.00	7.66	8.00	95.76	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	136.5	19.9	23.8	83.8	0.0	59.04	83.15	71.01	0.00	7.66	8.00	95.75	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	139.5	19.9	23.8	83.7	0.0	58.00	83.15	69.76	0.00	7.66	8.00	95.74	0.00	0.71	0.45	157.99	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	142.5	19.9	23.8	83.7	0.0	57.34	83.15	68.96	0.00	7.66	8.00	95.73	0.00	0.71	0.45	157.98	100.00	1.35E-04	1.00E-05	1.35E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	145.5	19.9	23.8	83.6	0.0	56.82	83.15	68.33	0.00	7.66	8.00	95.72	0.00	0.71	0.45	157.98	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	148.5	19.9	23.8	83.6	0.0	56.46	83.15	67.90	0.00	7.66	8.00	95.71	0.00	0.71	0.45	157.97	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	151.5	19.8	23.8	83.5	0.0	56.11	83.15	67.48	0.00	7.66	8.00	95.71	0.00	0.71	0.45	157.96	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	154.5	19.8	23.8	83.5	0.0	55.89	83.15	67.22	0.00	7.66	8.00	95.70	0.00	0.71	0.45	157.96	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	157.5	19.8	23.8	83.4	0.0	55.77	83.15	67.06	0.00	7.66	8.00	95.69	0.00	0.71	0.45	157.95	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	160.5	19.8	23.8	83.4	0.0	55.60	83.15	66.87	0.00	7.65	8.00	95.68	0.00	0.71	0.45	157.94	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_18	1.5	47.1	23.8	198.2	100.0	172.06	83.15	206.92	100.00	9.63	8.00	120.38	100.00	0.76	0.45	169.37	100.00	2.35E-04	1.00E-05	2.35E+03	100.00
	3	46.9	23.8	197.4	100.0	171.51	83.15	206.26	100.00	9.61	8.00	120.15	100.00	0.76	0.45	169.26	100.00	2.34E-04	1.00E-05	2.34E+03	100.00
	6	45.9	23.8	193.2	100.0	169.92	83.15	204.35	100.00	9.52	8.00	119.03	100.00	0.76	0.45	168.76	100.00	2.30E-04	1.00E-05	2.30E+03	100.00
	7.5	38.2	23.8	161.0	100.0	157.57	83.15	189.50	100.00	8.88	8.00	111.01	100.00	0.75	0.45	165.71	100.00	1.96E-04	1.00E-05	1.96E+03	100.00
	9	42.4	23.8	178.5	100.0	162.37	83.15	195.27	100.00	9.21	8.00	115.12	100.00	0.75	0.45	167.13	100.00	2.14E-04	1.00E-05	2.14E+03	100.00
	10.5	40.4	23.8	170.0	100.0	160.74	83.15	193.30	100.00	9.04	8.00	113.02	100.00	0.75	0.45	166.26	100.00	2.05E-04	1.00E-05	2.05E+03	100.00
	12	37.8	23.8	159.1	100.0	157.86	83.15	189.85	100.00	8.84	8.00	110.50	100.00	0.74	0.45	165.17	100.00	1.94E-04	1.00E-05	1.94E+03	100.00
	13.5	35.8	23.8	150.8	100.0	155.75	83.15	187.31	100.00	8.70	8.00	108.69	100.00	0.74	0.45	164.42	100.00	1.87E-04	1.00E-05	1.87E+03	100.00
	15	33.9	23.8	142.6	100.0	153.46	83.15	184.55	100.00	8.55	8.00	106.91	100.00	0.74	0.45	163.71	100.00	1.79E-04	1.00E-05	1.79E+03	100.00
	16.5	32.4	23.8	136.3	100.0	151.25	83.15	181.90	100.00	8.45	8.00	105.59	100.00	0.73	0.45	163.23	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	18	31.2	23.8	131.2	100.0	149.00	83.15	179.19	100.00	8.36	8.00	104.50	100.00	0.73	0.45	162.78	100.00	1.69E-04	1.00E-05	1.69E+03	100.00
	19.5	30.0	23.8	126.3	100.0	145.31	83.15	174.76	100.00	8.28	8.00	103.54	100.00	0.73	0.45	162.35	100.00	1.66E-04	1.00E-05	1.66E+03	100.00
	21	28.9	23.8	121.7	100.0	142.47	83.15	171.34	100.00	8.21	8.00	102.66	100.00	0.73	0.45	161.95	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	22.5	27.9	23.8	117.6	100.0	140.74	83.15	169.25	100.00	8.15	8.00	101.86	100.00	0.73	0.45	161.59	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	24	27.0	23.8	113.9	100.0	137.80	83.15	165.72	100.00	8.09	8.00	101.16	100.00	0.73	0.45	161.26	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	25.5	26.3	23.8	110.6	100.0	136.09	83.15	163.66	100.00	8.04	8.00	100.54	58.62	0.72	0.45	160.97	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	27	25.6	23.8	107.7	100.0	133.86	83.15	160.98	100.00	8.00	8.00	100.00	6.25	0.72	0.45	160.71	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	28.5	25.0	23.8	105.2	100.0	129.73	83.15	156.01	100.00	7.96	8.00	99.54	0.00	0.72	0.45	160.48	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	30	24.5	23.8	103.1	100.0	125.95	83.15	151.47	100.00	7.93	8.00	99.14	0.00	0.72	0.45	160.28	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	31.5	24.0	23.8	101.2	48.3	121.91	83.15	146.61	100.00	7.90	8.00	98.79	0.00	0.72	0.45	160.10	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	33	23.6	23.8	99.5	0.0	118.46	83.15	142.45	100.00	7.88	8.00	98.49	0.00	0.72	0.45	159.94	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	34.5	23.3	23.8	98.1	0.0	115.85	83.15	139.32	100.00	7.86	8.00	98.23	0.00	0.72	0.45	159.79	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	36	23.0	23.8	96.9	0.0	113.97	83.15	137.06	100.00	7.84	8.00	98.00	0.00	0.72	0.45	159.66	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	37.5	22.8	23.8	95.8	0.0	113.42	83.15	136.40	100.00	7.82	8.00	97.80	0.00	0.72	0.45	159.54	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	39	22.5	23.8	94.8	0.0	109.41	83.15	131.57	100.00	7.81	8.00	97.62	0.00	0.72	0.45	159.43	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	40.5	22.3	23.8	94.0	0.0	104.37	83.15	125.52	100.00	7.80	8.00	97.47	0.00	0.72	0.45	159.33	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	42	22.1	23.8	93.2	0.0	100.07	83.15	120.35	100.00	7.79	8.00	97.33	0.00	0.72	0.45	159.24	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	43.5	22.0	23.8	92.5	0.0	97.25	83.15	116.95	100.00	7.78	8.00	97.20	0.00	0.72	0.45	159.16	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	45	21.8	23.8	91.9	0.0	94.65	83.15	113.82	100.00	7.77	8.00	97.09	0.00	0.72	0.45	159.08	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	46.5	21.7	23.8	91.3	0.0	92.17	83.15	110.84	100.00	7.76	8.00	96.99	0.00	0.72	0.45	159.01	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	48	21.6	23.8	90.8	0.0	91.12	83.15	109.59	100.00	7.75	8.00	96.91	0.00	0.72	0.45	158.95	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	49.5	21.5	23.8	90.3	0.0	88.13	83.15	105.99	100.00	7.75	8.00	96.83	0.00	0.71	0.45	158.89	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	51	21.4	23.8	89.9	0.0	86.65	83.15	104.21	100.00	7.74	8.00	96.75	0.00	0.71	0.45	158.83	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	52.5	21.3	23.8	89.5	0.0	85.03	83.15	102.26	44.83	7.73	8.00	96.69	0.00	0.71	0.45	158.78	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	54	21.2	23.8	89.1	0.0	83.48	83.15	100.40	6.25	7.73	8.00	96.62	0.00	0.71	0.45	158.73	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	55.5	21.1	23.8	88.8	0.0	82.26	83.15	98.93	0.00	7.73	8.00	96.57	0.00	0.71	0.45	158.68	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	57	21.0	23.8	88.5	0.0	81.09	83.15	97.52	0.00	7.72	8.00	96.52	0.00	0.71	0.45	158.64	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	58.5	21.0	23.8	88.2	0.0	80.52	83.15	96.83	0.00	7.72	8.00	96.47	0.00	0.71	0.45	158.60	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	60	20.9	23.8	87.9	0.0	79.76	83.15	95.92	0.00	7.71	8.00	96.43	0.00	0.71	0.45	158.56	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	61.5	20.8	23.8	87.7	0.0	78.54	83.15	94.46	0.00	7.71	8.00	96.39	0.00	0.71	0.45	158.53	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	63	20.8	23.8	87.4	0.0	77.86	83.15	93.63	0.00	7.71	8.00	96.35	0.00	0.71	0.45	158.49	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	64.5	20.7	23.8	87.2	0.0	77.43	83.15	93.12	0.00	7.71	8.00	96.31	0.00	0.71	0.45	158.46	100.00	1.37E-04	1.00E-05	1.37E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	66	20.7	23.8	87.0	0.0	77.01	83.15	92.61	0.00	7.70	8.00	96.28	0.00	0.71	0.45	158.44	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	67.5	20.6	23.8	86.9	0.0	76.58	83.15	92.09	0.00	7.70	8.00	96.25	0.00	0.71	0.45	158.41	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	69	20.6	23.8	86.7	0.0	76.16	83.15	91.59	0.00	7.70	8.00	96.22	0.00	0.71	0.45	158.39	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	70.5	20.6	23.8	86.5	0.0	75.69	83.15	91.03	0.00	7.70	8.00	96.20	0.00	0.71	0.45	158.36	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	72	20.5	23.8	86.4	0.0	75.12	83.15	90.34	0.00	7.69	8.00	96.17	0.00	0.71	0.45	158.34	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	73.5	20.5	23.8	86.2	0.0	74.56	83.15	89.67	0.00	7.69	8.00	96.15	0.00	0.71	0.45	158.32	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	75	20.5	23.8	86.1	0.0	73.94	83.15	88.91	0.00	7.69	8.00	96.13	0.00	0.71	0.45	158.30	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	76.5	20.4	23.8	86.0	0.0	73.38	83.15	88.24	0.00	7.69	8.00	96.11	0.00	0.71	0.45	158.29	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	78	20.4	23.8	85.9	0.0	72.40	83.15	87.07	0.00	7.69	8.00	96.09	0.00	0.71	0.45	158.27	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.4	23.8	85.7	0.0	72.10	83.15	86.71	0.00	7.69	8.00	96.07	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	81	20.3	23.8	85.6	0.0	71.53	83.15	86.02	0.00	7.68	8.00	96.05	0.00	0.71	0.45	158.24	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.3	23.8	85.5	0.0	71.07	83.15	85.47	0.00	7.68	8.00	96.03	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	84	20.3	23.8	85.4	0.0	70.65	83.15	84.96	0.00	7.68	8.00	96.02	0.00	0.71	0.45	158.22	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.3	23.8	85.3	0.0	70.17	83.15	84.39	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	87	20.3	23.8	85.3	0.0	69.80	83.15	83.94	0.00	7.68	8.00	95.99	0.00	0.71	0.45	158.19	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.2	23.8	85.2	0.0	69.35	83.15	83.40	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.18	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	90	20.2	23.8	85.1	0.0	69.01	83.15	82.99	0.00	7.68	8.00	95.96	0.00	0.71	0.45	158.17	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.2	23.8	85.0	0.0	68.47	83.15	82.34	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.16	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	93	20.2	23.8	85.0	0.0	68.24	83.15	82.06	0.00	7.68	8.00	95.94	0.00	0.71	0.45	158.15	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	94.5	20.2	23.8	84.9	0.0	67.85	83.15	81.59	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	96	20.2	23.8	84.8	0.0	67.58	83.15	81.27	0.00	7.67	8.00	95.92	0.00	0.71	0.45	158.13	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	97.5	20.1	23.8	84.8	0.0	67.32	83.15	80.96	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	99	20.1	23.8	84.7	0.0	67.06	83.15	80.65	0.00	7.67	8.00	95.90	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	100.5	20.1	23.8	84.6	0.0	66.80	83.15	80.34	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	102	20.1	23.8	84.6	0.0	66.55	83.15	80.03	0.00	7.67	8.00	95.88	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.5	0.0	66.30	83.15	79.73	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	105	20.1	23.8	84.5	0.0	66.05	83.15	79.43	0.00	7.67	8.00	95.86	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.1	23.8	84.4	0.0	65.81	83.15	79.14	0.00	7.67	8.00	95.85	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	108	20.0	23.8	84.4	0.0	65.57	83.15	78.85	0.00	7.67	8.00	95.85	0.00	0.71	0.45	158.07	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.0	23.8	84.3	0.0	65.33	83.15	78.56	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	111	20.0	23.8	84.3	0.0	65.01	83.15	78.19	0.00	7.67	8.00	95.83	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.0	23.8	84.2	0.0	64.73	83.15	77.84	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.05	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	114	20.0	23.8	84.2	0.0	64.53	83.15	77.61	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.0	23.8	84.2	0.0	64.12	83.15	77.11	0.00	7.66	8.00	95.81	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	117	20.0	23.8	84.1	0.0	63.88	83.15	76.82	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	118.5	20.0	23.8	84.1	0.0	63.53	83.15	76.41	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	120	20.0	23.8	84.0	0.0	63.15	83.15	75.94	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	121.5	20.0	23.8	84.0	0.0	62.81	83.15	75.53	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	123	19.9	23.8	84.0	0.0	62.47	83.15	75.12	0.00	7.66	8.00	95.78	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	124.5	19.9	23.8	83.9	0.0	62.21	83.15	74.81	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	126	19.9	23.8	83.9	0.0	61.99	83.15	74.55	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	127.5	19.9	23.8	83.9	0.0	61.85	83.15	74.38	0.00	7.66	8.00	95.76	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_07	1.5	30.8	23.8	129.5	100.0	144.11	83.15	173.31	100.00	8.24	8.00	103.04	100.00	0.74	0.45	164.78	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	3	30.7	23.8	129.4	100.0	143.85	83.15	172.99	100.00	8.24	8.00	102.99	100.00	0.74	0.45	164.73	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	6	30.6	23.8	128.7	100.0	142.19	83.15	171.00	100.00	8.23	8.00	102.91	100.00	0.74	0.45	164.52	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	9	30.3	23.8	127.5	100.0	141.56	83.15	170.24	100.00	8.22	8.00	102.78	100.00	0.74	0.45	164.25	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	12	29.9	23.8	125.8	100.0	141.62	83.15	170.31	100.00	8.21	8.00	102.58	100.00	0.74	0.45	163.89	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	13.5	29.7	23.8	124.9	100.0	141.59	83.15	170.28	100.00	8.20	8.00	102.47	100.00	0.74	0.45	163.69	100.00	1.59E-04	1.00E-05	1.59E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
BLDG_17	1.5	47.1	23.8	198.2	100.0	172.03	83.15	206.89	100.00	9.63	8.00	120.36	100.00	0.76	0.45	169.47	100.00	2.35E-04	1.00E-05	2.35E+03	100.00
	3	46.9	23.8	197.4	100.0	171.50	83.15	206.25	100.00	9.61	8.00	120.14	100.00	0.76	0.45	169.34	100.00	2.34E-04	1.00E-05	2.34E+03	100.00
	6	45.9	23.8	193.3	100.0	169.24	83.15	203.53	100.00	9.52	8.00	119.05	100.00	0.76	0.45	168.79	100.00	2.30E-04	1.00E-05	2.30E+03	100.00
	7.5	33.8	23.8	142.5	100.0	152.13	83.15	182.95	100.00	8.53	8.00	106.67	100.00	0.74	0.45	164.41	100.00	1.77E-04	1.00E-05	1.77E+03	100.00
	9	42.4	23.8	178.7	100.0	162.36	83.15	195.25	100.00	9.21	8.00	115.13	100.00	0.75	0.45	167.17	100.00	2.14E-04	1.00E-05	2.14E+03	100.00
	10.5	40.4	23.8	170.2	100.0	160.70	83.15	193.26	100.00	9.04	8.00	113.05	100.00	0.75	0.45	166.30	100.00	2.05E-04	1.00E-05	2.05E+03	100.00
	12	37.7	23.8	158.7	100.0	157.30	83.15	189.17	100.00	8.83	8.00	110.35	100.00	0.74	0.45	165.28	100.00	1.94E-04	1.00E-05	1.94E+03	100.00
	13.5	35.8	23.8	150.5	100.0	155.34	83.15	186.82	100.00	8.69	8.00	108.58	100.00	0.74	0.45	164.53	100.00	1.86E-04	1.00E-05	1.86E+03	100.00
	15	33.8	23.8	142.2	100.0	153.22	83.15	184.26	100.00	8.54	8.00	106.79	100.00	0.74	0.45	163.83	100.00	1.79E-04	1.00E-05	1.79E+03	100.00
	16.5	32.1	23.8	135.0	100.0	150.93	83.15	181.51	100.00	8.43	8.00	105.31	100.00	0.73	0.45	163.19	100.00	1.73E-04	1.00E-05	1.73E+03	100.00
	18	30.8	23.8	129.8	100.0	146.66	83.15	176.38	100.00	8.33	8.00	104.19	100.00	0.73	0.45	162.73	100.00	1.68E-04	1.00E-05	1.68E+03	100.00
	19.5	29.8	23.8	125.3	100.0	143.91	83.15	173.07	100.00	8.26	8.00	103.31	100.00	0.73	0.45	162.35	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	21	28.8	23.8	121.1	100.0	141.35	83.15	169.98	100.00	8.20	8.00	102.47	100.00	0.73	0.45	162.02	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	22.5	28.0	23.8	117.8	100.0	140.06	83.15	168.44	100.00	8.15	8.00	101.83	100.00	0.73	0.45	161.71	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	24	27.2	23.8	114.7	100.0	136.80	83.15	164.51	100.00	8.10	8.00	101.24	100.00	0.73	0.45	161.41	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	25.5	26.6	23.8	111.8	100.0	134.93	83.15	162.26	100.00	8.06	8.00	100.70	70.21	0.73	0.45	161.14	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	27	25.9	23.8	109.1	100.0	131.27	83.15	157.86	100.00	8.02	8.00	100.22	45.00	0.72	0.45	160.89	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	28.5	25.4	23.8	106.7	100.0	128.11	83.15	154.06	100.00	7.98	8.00	99.78	0.00	0.72	0.45	160.67	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	30	24.8	23.8	104.6	100.0	122.67	83.15	147.53	100.00	7.95	8.00	99.39	0.00	0.72	0.45	160.47	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	31.5	24.4	23.8	102.7	63.8	119.91	83.15	144.20	100.00	7.92	8.00	99.04	0.00	0.72	0.45	160.28	100.00	1.47E-04	1.00E-05	1.47E+03	100.00
	33	24.0	23.8	101.1	45.0	116.23	83.15	139.78	100.00	7.90	8.00	98.74	0.00	0.72	0.45	160.12	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	34.5	23.7	23.8	99.6	0.0	115.61	83.15	139.03	100.00	7.88	8.00	98.46	0.00	0.72	0.45	159.96	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	36	23.3	23.8	98.3	0.0	112.63	83.15	135.45	100.00	7.86	8.00	98.22	0.00	0.72	0.45	159.83	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	37.5	23.1	23.8	97.1	0.0	111.00	83.15	133.48	100.00	7.84	8.00	98.01	0.00	0.72	0.45	159.70	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	39	22.8	23.8	96.0	0.0	105.83	83.15	127.28	100.00	7.83	8.00	97.82	0.00	0.72	0.45	159.58	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	40.5	22.6	23.8	95.1	0.0	102.43	83.15	123.18	100.00	7.81	8.00	97.65	0.00	0.72	0.45	159.48	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	42	22.4	23.8	94.2	0.0	98.23	83.15	118.13	100.00	7.80	8.00	97.50	0.00	0.72	0.45	159.38	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	43.5	22.2	23.8	93.5	0.0	98.17	83.15	118.06	100.00	7.79	8.00	97.37	0.00	0.72	0.45	159.29	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	45	22.0	23.8	92.8	0.0	93.65	83.15	112.62	100.00	7.78	8.00	97.25	0.00	0.72	0.45	159.20	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	46.5	21.9	23.8	92.1	0.0	92.75	83.15	111.54	100.00	7.77	8.00	97.14	0.00	0.72	0.45	159.12	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	48	21.7	23.8	91.5	0.0	88.46	83.15	106.38	72.50	7.76	8.00	97.04	0.00	0.72	0.45	159.05	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	49.5	21.6	23.8	91.0	0.0	88.06	83.15	105.90	80.85	7.76	8.00	96.95	0.00	0.72	0.45	158.98	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	51	21.5	23.8	90.5	0.0	85.04	83.15	102.27	30.00	7.75	8.00	96.87	0.00	0.72	0.45	158.92	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	52.5	21.4	23.8	90.1	0.0	84.66	83.15	101.82	25.53	7.74	8.00	96.79	0.00	0.71	0.45	158.86	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	54	21.3	23.8	89.7	0.0	81.73	83.15	98.29	0.00	7.74	8.00	96.72	0.00	0.71	0.45	158.80	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	55.5	21.2	23.8	89.3	0.0	81.92	83.15	98.51	0.00	7.73	8.00	96.66	0.00	0.71	0.45	158.75	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	57	21.1	23.8	88.9	0.0	80.96	83.15	97.37	0.00	7.73	8.00	96.60	0.00	0.71	0.45	158.70	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	58.5	21.1	23.8	88.6	0.0	80.80	83.15	97.17	0.00	7.72	8.00	96.55	0.00	0.71	0.45	158.66	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	60	21.0	23.8	88.3	0.0	79.13	83.15	95.17	0.00	7.72	8.00	96.50	0.00	0.71	0.45	158.62	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	61.5	20.9	23.8	88.0	0.0	78.49	83.15	94.40	0.00	7.72	8.00	96.45	0.00	0.71	0.45	158.58	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	63	20.9	23.8	87.8	0.0	77.68	83.15	93.42	0.00	7.71	8.00	96.41	0.00	0.71	0.45	158.54	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	64.5	20.8	23.8	87.5	0.0	77.28	83.15	92.94	0.00	7.71	8.00	96.37	0.00	0.71	0.45	158.51	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	66	20.7	23.8	87.3	0.0	76.89	83.15	92.46	0.00	7.71	8.00	96.33	0.00	0.71	0.45	158.48	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	67.5	20.7	23.8	87.1	0.0	76.50	83.15	92.00	0.00	7.70	8.00	96.30	0.00	0.71	0.45	158.45	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	69	20.7	23.8	86.9	0.0	75.98	83.15	91.38	0.00	7.70	8.00	96.27	0.00	0.71	0.45	158.43	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.6	23.8	86.7	0.0	75.33	83.15	90.59	0.00	7.70	8.00	96.24	0.00	0.71	0.45	158.40	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	72	20.6	23.8	86.6	0.0	74.63	83.15	89.75	0.00	7.70	8.00	96.21	0.00	0.71	0.45	158.38	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	73.5	20.5	23.8	86.4	0.0	74.12	83.15	89.14	0.00	7.69	8.00	96.18	0.00	0.71	0.45	158.36	100.00	1.36E-04	1.00E-05	1.36E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	75	20.5	23.8	86.3	0.0	73.50	83.15	88.39	0.00	7.69	8.00	96.16	0.00	0.71	0.45	158.34	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	76.5	20.5	23.8	86.1	0.0	73.04	83.15	87.83	0.00	7.69	8.00	96.13	0.00	0.71	0.45	158.32	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	78	20.4	23.8	86.0	0.0	72.53	83.15	87.23	0.00	7.69	8.00	96.11	0.00	0.71	0.45	158.30	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.4	23.8	85.9	0.0	72.13	83.15	86.74	0.00	7.69	8.00	96.09	0.00	0.71	0.45	158.29	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	81	20.4	23.8	85.8	0.0	71.63	83.15	86.14	0.00	7.69	8.00	96.07	0.00	0.71	0.45	158.27	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.4	23.8	85.7	0.0	71.25	83.15	85.68	0.00	7.68	8.00	96.06	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	84	20.3	23.8	85.6	0.0	70.75	83.15	85.08	0.00	7.68	8.00	96.04	0.00	0.71	0.45	158.24	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.3	23.8	85.5	0.0	70.41	83.15	84.67	0.00	7.68	8.00	96.03	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	87	20.3	23.8	85.4	0.0	69.87	83.15	84.03	0.00	7.68	8.00	96.01	0.00	0.71	0.45	158.22	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.3	0.0	69.60	83.15	83.70	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.21	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	90	20.3	23.8	85.2	0.0	69.06	83.15	83.05	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.2	23.8	85.2	0.0	68.82	83.15	82.76	0.00	7.68	8.00	95.97	0.00	0.71	0.45	158.19	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	93	20.2	23.8	85.1	0.0	68.28	83.15	82.12	0.00	7.68	8.00	95.96	0.00	0.71	0.45	158.18	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	85.0	0.0	68.08	83.15	81.87	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.17	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	96	20.2	23.8	84.9	0.0	67.55	83.15	81.24	0.00	7.67	8.00	95.94	0.00	0.71	0.45	158.16	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	97.5	20.2	23.8	84.9	0.0	67.14	83.15	80.74	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.15	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	99	20.1	23.8	84.8	0.0	66.71	83.15	80.23	0.00	7.67	8.00	95.92	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	100.5	20.1	23.8	84.8	0.0	66.53	83.15	80.01	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.13	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	102	20.1	23.8	84.7	0.0	66.08	83.15	79.47	0.00	7.67	8.00	95.90	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.6	0.0	65.85	83.15	79.19	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	105	20.1	23.8	84.6	0.0	65.24	83.15	78.45	0.00	7.67	8.00	95.88	0.00	0.71	0.45	158.11	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.1	23.8	84.5	0.0	65.10	83.15	78.29	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	108	20.1	23.8	84.4	0.0	64.73	83.15	77.85	0.00	7.67	8.00	95.85	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.0	23.8	84.4	0.0	64.60	83.15	77.69	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	111	20.0	23.8	84.3	0.0	64.40	83.15	77.45	0.00	7.67	8.00	95.83	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.0	23.8	84.3	0.0	64.29	83.15	77.31	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.07	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	114	20.0	23.8	84.2	0.0	63.84	83.15	76.77	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.0	23.8	84.2	0.0	63.36	83.15	76.20	0.00	7.66	8.00	95.81	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	117	20.0	23.8	84.1	0.0	62.85	83.15	75.58	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.05	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	118.5	20.0	23.8	84.1	0.0	62.78	83.15	75.50	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	120	20.0	23.8	84.1	0.0	62.49	83.15	75.15	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	121.5	20.0	23.8	84.0	0.0	62.25	83.15	74.86	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	123	20.0	23.8	84.0	0.0	61.88	83.15	74.42	0.00	7.66	8.00	95.78	0.00	0.71	0.45	158.03	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	124.5	19.9	23.8	83.9	0.0	61.76	83.15	74.28	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	126	19.9	23.8	83.9	0.0	61.19	83.15	73.58	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.02	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	127.5	19.9	23.8	83.9	0.0	61.16	83.15	73.55	0.00	7.66	8.00	95.76	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	129	19.9	23.8	83.8	0.0	60.58	83.15	72.85	0.00	7.66	8.00	95.76	0.00	0.71	0.45	158.01	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	130.5	19.9	23.8	83.8	0.0	60.40	83.15	72.63	0.00	7.66	8.00	95.75	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	132	19.9	23.8	83.8	0.0	59.69	83.15	71.79	0.00	7.66	8.00	95.75	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	133.5	19.9	23.8	83.8	0.0	59.38	83.15	71.41	0.00	7.66	8.00	95.74	0.00	0.71	0.45	158.00	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	135	19.9	23.8	83.7	0.0	59.10	83.15	71.07	0.00	7.66	8.00	95.74	0.00	0.71	0.45	157.99	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	136.5	19.9	23.8	83.7	0.0	58.84	83.15	70.76	0.00	7.66	8.00	95.73	0.00	0.71	0.45	157.99	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	138	19.9	23.8	83.7	0.0	58.56	83.15	70.43	0.00	7.66	8.00	95.73	0.00	0.71	0.45	157.98	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	139.5	19.9	23.8	83.6	0.0	58.16	83.15	69.94	0.00	7.66	8.00	95.73	0.00	0.71	0.45	157.98	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_01	1.5	47.3	23.8	199.0	100.0	171.59	83.15	206.36	100.00	9.61	8.00	120.16	100.00	0.77	0.45	170.39	100.00	2.34E-04	1.00E-05	2.34E+03	100.00
	3	47.1	23.8	198.4	100.0	171.26	83.15	205.96	100.00	9.60	8.00	120.01	100.00	0.77	0.45	170.23	100.00	2.33E-04	1.00E-05	2.33E+03	100.00
	4.5	46.9	23.8	197.3	100.0	170.68	83.15	205.26	100.00	9.58	8.00	119.71	100.00	0.77	0.45	170.02	100.00	2.32E-04	1.00E-05	2.32E+03	100.00
BLDG_02	1.5	38.4	23.8	161.8	100.0	157.17	83.15	189.01	100.00	8.86	8.00	110.73	100.00	0.75	0.45	167.00	100.00	1.94E-04	1.00E-05	1.94E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	3	38.4	23.8	161.7	100.0	157.02	83.15	188.83	100.00	8.86	8.00	110.70	100.00	0.75	0.45	166.97	100.00	1.94E-04	1.00E-05	1.94E+03	100.00
	4.5	38.3	23.8	161.2	100.0	156.78	83.15	188.54	100.00	8.85	8.00	110.59	100.00	0.75	0.45	166.88	100.00	1.93E-04	1.00E-05	1.93E+03	100.00
BLDG_11	1.5	31.0	23.8	130.6	100.0	143.44	83.15	172.50	100.00	8.20	8.00	102.56	100.00	0.75	0.45	165.62	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	3	30.8	23.8	129.5	100.0	139.34	83.15	167.57	100.00	8.19	8.00	102.43	100.00	0.74	0.45	165.32	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	6	30.5	23.8	128.5	100.0	138.10	83.15	166.08	100.00	8.19	8.00	102.35	100.00	0.74	0.45	165.06	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	9	30.1	23.8	126.8	100.0	134.30	83.15	161.51	100.00	8.18	8.00	102.19	100.00	0.74	0.45	164.67	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	12	29.6	23.8	124.7	100.0	133.86	83.15	160.98	100.00	8.16	8.00	101.99	100.00	0.74	0.45	164.21	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	13.5	29.3	23.8	123.4	100.0	133.52	83.15	160.57	100.00	8.15	8.00	101.86	100.00	0.74	0.45	163.95	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
BLDG_26	1.5	29.0	23.8	122.1	100.0	141.98	83.15	170.75	100.00	8.17	8.00	102.15	100.00	0.73	0.45	163.06	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	3	29.0	23.8	121.9	100.0	140.77	83.15	169.29	100.00	8.17	8.00	102.11	100.00	0.73	0.45	162.99	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	4.5	29.0	23.8	121.9	100.0	139.77	83.15	168.09	100.00	8.17	8.00	102.08	100.00	0.73	0.45	162.95	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
BLDG_25	1.5	30.1	23.8	126.9	100.0	146.01	83.15	175.59	100.00	8.27	8.00	103.36	100.00	0.73	0.45	163.01	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	3	30.1	23.8	126.8	100.0	145.85	83.15	175.40	100.00	8.27	8.00	103.36	100.00	0.73	0.45	163.00	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	4.5	30.1	23.8	126.7	100.0	145.83	83.15	175.38	100.00	8.27	8.00	103.36	100.00	0.73	0.45	162.98	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
BLDG_16	1.5	30.3	23.8	127.4	100.0	143.07	83.15	172.06	100.00	8.20	8.00	102.45	100.00	0.74	0.45	164.71	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	3	30.1	23.8	126.8	100.0	140.00	83.15	168.37	100.00	8.19	8.00	102.36	100.00	0.74	0.45	164.54	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	6	29.9	23.8	126.0	100.0	139.27	83.15	167.49	100.00	8.18	8.00	102.30	100.00	0.74	0.45	164.34	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	9	29.7	23.8	124.9	100.0	137.44	83.15	165.29	100.00	8.18	8.00	102.19	100.00	0.74	0.45	164.05	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	12	29.3	23.8	123.4	100.0	136.22	83.15	163.81	100.00	8.16	8.00	102.05	100.00	0.74	0.45	163.69	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	13.5	29.1	23.8	122.4	100.0	135.56	83.15	163.02	100.00	8.16	8.00	101.95	100.00	0.74	0.45	163.48	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
BLDG_22	1.5	34.5	23.8	145.3	100.0	153.48	83.15	184.57	100.00	8.60	8.00	107.46	100.00	0.74	0.45	164.23	100.00	1.81E-04	1.00E-05	1.81E+03	100.00
	3	34.6	23.8	145.5	100.0	153.61	83.15	184.74	100.00	8.60	8.00	107.51	100.00	0.74	0.45	164.24	100.00	1.81E-04	1.00E-05	1.81E+03	100.00
	4.5	34.6	23.8	145.5	100.0	153.65	83.15	184.78	100.00	8.60	8.00	107.52	100.00	0.74	0.45	164.22	100.00	1.81E-04	1.00E-05	1.81E+03	100.00
	7.5	33.4	23.8	140.6	100.0	152.26	83.15	183.11	100.00	8.52	8.00	106.45	100.00	0.74	0.45	163.82	100.00	1.77E-04	1.00E-05	1.77E+03	100.00
	10.5	33.2	23.8	139.5	100.0	151.95	83.15	182.74	100.00	8.50	8.00	106.25	100.00	0.74	0.45	163.67	100.00	1.76E-04	1.00E-05	1.76E+03	100.00
	13.5	32.6	23.8	137.1	100.0	151.34	83.15	182.00	100.00	8.46	8.00	105.75	100.00	0.74	0.45	163.40	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	16.5	31.7	23.8	133.3	100.0	150.44	83.15	180.92	100.00	8.40	8.00	104.95	100.00	0.73	0.45	162.98	100.00	1.71E-04	1.00E-05	1.71E+03	100.00
	19.5	30.5	23.8	128.4	100.0	146.61	83.15	176.31	100.00	8.32	8.00	103.95	100.00	0.73	0.45	162.47	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	22.5	29.2	23.8	122.7	100.0	143.43	83.15	172.49	100.00	8.23	8.00	102.84	100.00	0.73	0.45	161.92	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	25.5	27.8	23.8	116.9	100.0	137.62	83.15	165.51	100.00	8.14	8.00	101.73	100.00	0.73	0.45	161.36	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	28.5	26.5	23.8	111.5	100.0	132.62	83.15	159.49	100.00	8.06	8.00	100.71	100.00	0.72	0.45	160.87	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	31.5	25.4	23.8	106.9	100.0	124.45	83.15	149.66	100.00	7.99	8.00	99.85	0.00	0.72	0.45	160.45	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	34.5	24.5	23.8	103.2	100.0	118.51	83.15	142.53	100.00	7.93	8.00	99.17	0.00	0.72	0.45	160.11	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	23.8	23.8	100.2	44.7	113.09	83.15	136.00	100.00	7.89	8.00	98.62	0.00	0.72	0.45	159.82	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	40.5	23.2	23.8	97.7	0.0	104.95	83.15	126.22	100.00	7.85	8.00	98.18	0.00	0.72	0.45	159.57	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	43.5	22.7	23.8	95.7	0.0	98.55	83.15	118.52	100.00	7.82	8.00	97.81	0.00	0.72	0.45	159.37	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	46.5	22.3	23.8	94.0	0.0	91.86	83.15	110.47	100.00	7.80	8.00	97.51	0.00	0.72	0.45	159.19	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	49.5	22.0	23.8	92.5	0.0	85.55	83.15	102.88	57.89	7.78	8.00	97.26	0.00	0.72	0.45	159.04	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	52.5	21.7	23.8	91.4	0.0	80.64	83.15	96.98	0.00	7.76	8.00	97.05	0.00	0.72	0.45	158.91	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.5	23.8	90.4	0.0	76.65	83.15	92.18	0.00	7.75	8.00	96.88	0.00	0.71	0.45	158.79	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	58.5	21.3	23.8	89.5	0.0	74.03	83.15	89.03	0.00	7.74	8.00	96.73	0.00	0.71	0.45	158.70	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	61.5	21.1	23.8	88.8	0.0	72.76	83.15	87.51	0.00	7.73	8.00	96.61	0.00	0.71	0.45	158.61	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	64.5	21.0	23.8	88.2	0.0	71.71	83.15	86.24	0.00	7.72	8.00	96.51	0.00	0.71	0.45	158.54	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	67.5	20.8	23.8	87.7	0.0	70.81	83.15	85.16	0.00	7.71	8.00	96.42	0.00	0.71	0.45	158.47	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.7	23.8	87.2	0.0	69.07	83.15	83.06	0.00	7.71	8.00	96.34	0.00	0.71	0.45	158.42	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.6	23.8	86.8	0.0	68.42	83.15	82.29	0.00	7.70	8.00	96.27	0.00	0.71	0.45	158.37	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	76.5	20.6	23.8	86.5	0.0	67.96	83.15	81.73	0.00	7.70	8.00	96.22	0.00	0.71	0.45	158.33	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	79.5	20.5	23.8	86.2	0.0	67.07	83.15	80.66	0.00	7.69	8.00	96.16	0.00	0.71	0.45	158.29	100.00	1.36E-04	1.00E-05	1.36E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	82.5	20.4	23.8	86.0	0.0	66.61	83.15	80.10	0.00	7.69	8.00	96.12	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.4	23.8	85.7	0.0	66.31	83.15	79.75	0.00	7.69	8.00	96.08	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.5	0.0	65.64	83.15	78.93	0.00	7.68	8.00	96.04	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.3	23.8	85.3	0.0	65.11	83.15	78.30	0.00	7.68	8.00	96.01	0.00	0.71	0.45	158.18	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	85.1	0.0	64.48	83.15	77.54	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.16	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	97.5	20.2	23.8	85.0	0.0	63.55	83.15	76.42	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.14	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	100.5	20.2	23.8	84.8	0.0	63.24	83.15	76.05	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_21	1.5	35.1	23.8	147.7	100.0	154.01	83.15	185.21	100.00	8.63	8.00	107.94	100.00	0.74	0.45	164.56	100.00	1.83E-04	1.00E-05	1.83E+03	100.00
	3	35.1	23.8	147.8	100.0	154.07	83.15	185.28	100.00	8.64	8.00	107.97	100.00	0.74	0.45	164.55	100.00	1.83E-04	1.00E-05	1.83E+03	100.00
	4.5	33.1	23.8	139.4	100.0	151.82	83.15	182.58	100.00	8.49	8.00	106.10	100.00	0.74	0.45	163.90	100.00	1.75E-04	1.00E-05	1.75E+03	100.00
	6	35.1	23.8	147.6	100.0	154.00	83.15	185.21	100.00	8.63	8.00	107.93	100.00	0.74	0.45	164.48	100.00	1.83E-04	1.00E-05	1.83E+03	100.00
	7.5	34.8	23.8	146.6	100.0	153.67	83.15	184.80	100.00	8.62	8.00	107.71	100.00	0.74	0.45	164.38	100.00	1.82E-04	1.00E-05	1.82E+03	100.00
	9	34.8	23.8	146.4	100.0	153.60	83.15	184.72	100.00	8.62	8.00	107.69	100.00	0.74	0.45	164.32	100.00	1.82E-04	1.00E-05	1.82E+03	100.00
	10.5	34.5	23.8	145.2	100.0	153.31	83.15	184.37	100.00	8.60	8.00	107.45	100.00	0.74	0.45	164.20	100.00	1.81E-04	1.00E-05	1.81E+03	100.00
	12	33.5	23.8	140.8	100.0	151.94	83.15	182.72	100.00	8.52	8.00	106.49	100.00	0.74	0.45	163.80	100.00	1.77E-04	1.00E-05	1.77E+03	100.00
	13.5	33.0	23.8	138.7	100.0	151.86	83.15	182.63	100.00	8.48	8.00	106.05	100.00	0.74	0.45	163.56	100.00	1.76E-04	1.00E-05	1.76E+03	100.00
	15	32.4	23.8	136.4	100.0	150.67	83.15	181.19	100.00	8.44	8.00	105.54	100.00	0.73	0.45	163.30	100.00	1.73E-04	1.00E-05	1.73E+03	100.00
	16.5	31.8	23.8	133.9	100.0	150.22	83.15	180.65	100.00	8.40	8.00	105.02	100.00	0.73	0.45	163.10	100.00	1.71E-04	1.00E-05	1.71E+03	100.00
	18	31.0	23.8	130.6	100.0	147.90	83.15	177.86	100.00	8.35	8.00	104.36	100.00	0.73	0.45	162.71	100.00	1.69E-04	1.00E-05	1.69E+03	100.00
	19.5	30.6	23.8	128.7	100.0	146.99	83.15	176.77	100.00	8.32	8.00	103.97	100.00	0.73	0.45	162.56	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	21	29.5	23.8	124.2	100.0	143.55	83.15	172.63	100.00	8.25	8.00	103.07	100.00	0.73	0.45	162.19	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	22.5	29.2	23.8	122.8	100.0	142.84	83.15	171.78	100.00	8.23	8.00	102.82	100.00	0.73	0.45	161.98	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	24	28.3	23.8	118.9	100.0	137.95	83.15	165.90	100.00	8.17	8.00	102.07	100.00	0.73	0.45	161.66	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	25.5	27.7	23.8	116.8	100.0	136.99	83.15	164.75	100.00	8.13	8.00	101.69	100.00	0.73	0.45	161.41	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	27	27.0	23.8	113.7	100.0	133.61	83.15	160.68	100.00	8.09	8.00	101.09	100.00	0.73	0.45	161.15	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	28.5	26.4	23.8	111.3	100.0	131.01	83.15	157.55	100.00	8.05	8.00	100.66	100.00	0.72	0.45	160.91	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	30	25.9	23.8	108.9	100.0	125.75	83.15	151.23	100.00	8.02	8.00	100.21	50.00	0.72	0.45	160.69	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	31.5	25.4	23.8	106.8	100.0	124.75	83.15	150.03	100.00	7.99	8.00	99.82	0.00	0.72	0.45	160.48	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	33	24.9	23.8	104.8	100.0	118.01	83.15	141.92	100.00	7.96	8.00	99.47	0.00	0.72	0.45	160.29	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	34.5	24.5	23.8	103.0	100.0	117.32	83.15	141.09	100.00	7.93	8.00	99.14	0.00	0.72	0.45	160.12	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
BLDG_23	1.5	33.2	23.8	139.8	100.0	152.13	83.15	182.96	100.00	8.50	8.00	106.28	100.00	0.74	0.45	163.76	100.00	1.76E-04	1.00E-05	1.76E+03	100.00
	3	33.2	23.8	139.9	100.0	152.24	83.15	183.08	100.00	8.51	8.00	106.31	100.00	0.74	0.45	163.76	100.00	1.76E-04	1.00E-05	1.76E+03	100.00
	4.5	33.3	23.8	140.0	100.0	152.30	83.15	183.16	100.00	8.51	8.00	106.33	100.00	0.74	0.45	163.75	100.00	1.76E-04	1.00E-05	1.76E+03	100.00
	7.5	32.9	23.8	138.6	100.0	151.82	83.15	182.58	100.00	8.48	8.00	106.05	100.00	0.74	0.45	163.60	100.00	1.75E-04	1.00E-05	1.75E+03	100.00
	10.5	32.7	23.8	137.5	100.0	151.55	83.15	182.26	100.00	8.47	8.00	105.84	100.00	0.74	0.45	163.46	100.00	1.75E-04	1.00E-05	1.75E+03	100.00
	13.5	32.1	23.8	135.2	100.0	150.83	83.15	181.39	100.00	8.43	8.00	105.37	100.00	0.73	0.45	163.20	100.00	1.73E-04	1.00E-05	1.73E+03	100.00
	16.5	31.3	23.8	131.7	100.0	149.62	83.15	179.94	100.00	8.37	8.00	104.63	100.00	0.73	0.45	162.80	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	19.5	30.2	23.8	127.0	100.0	145.65	83.15	175.16	100.00	8.30	8.00	103.69	100.00	0.73	0.45	162.32	100.00	1.66E-04	1.00E-05	1.66E+03	100.00
	22.5	28.8	23.8	121.4	100.0	143.06	83.15	172.04	100.00	8.21	8.00	102.59	100.00	0.73	0.45	161.78	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	25.5	27.5	23.8	115.9	100.0	136.85	83.15	164.58	100.00	8.12	8.00	101.55	100.00	0.73	0.45	161.26	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	28.5	26.3	23.8	110.8	100.0	131.84	83.15	158.55	100.00	8.05	8.00	100.59	100.00	0.72	0.45	160.80	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	31.5	25.4	23.8	106.7	100.0	123.67	83.15	148.73	100.00	7.99	8.00	99.82	0.00	0.72	0.45	160.41	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	34.5	24.5	23.8	103.1	100.0	118.83	83.15	142.90	100.00	7.93	8.00	99.18	0.00	0.72	0.45	160.07	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	23.8	23.8	100.2	17.9	113.13	83.15	136.05	100.00	7.89	8.00	98.63	0.00	0.72	0.45	159.78	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	40.5	23.2	23.8	97.7	0.0	106.00	83.15	127.47	100.00	7.86	8.00	98.19	0.00	0.72	0.45	159.54	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	43.5	22.7	23.8	95.6	0.0	97.38	83.15	117.12	100.00	7.83	8.00	97.82	0.00	0.72	0.45	159.33	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	46.5	22.3	23.8	94.0	0.0	92.20	83.15	110.88	100.00	7.80	8.00	97.52	0.00	0.72	0.45	159.16	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	49.5	22.0	23.8	92.5	0.0	86.42	83.15	103.92	82.05	7.78	8.00	97.27	0.00	0.72	0.45	159.01	100.00	1.41E-04	1.00E-05	1.41E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	52.5	21.7	23.8	91.4	0.0	81.55	83.15	98.07	0.00	7.76	8.00	97.06	0.00	0.71	0.45	158.88	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.5	23.8	90.4	0.0	77.02	83.15	92.62	0.00	7.75	8.00	96.89	0.00	0.71	0.45	158.77	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	58.5	21.3	23.8	89.5	0.0	73.73	83.15	88.67	0.00	7.74	8.00	96.74	0.00	0.71	0.45	158.68	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	61.5	21.1	23.8	88.8	0.0	72.39	83.15	87.05	0.00	7.73	8.00	96.62	0.00	0.71	0.45	158.59	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	64.5	21.0	23.8	88.2	0.0	71.47	83.15	85.94	0.00	7.72	8.00	96.51	0.00	0.71	0.45	158.52	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	67.5	20.8	23.8	87.7	0.0	70.96	83.15	85.33	0.00	7.71	8.00	96.42	0.00	0.71	0.45	158.46	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.7	23.8	87.2	0.0	68.76	83.15	82.69	0.00	7.71	8.00	96.34	0.00	0.71	0.45	158.40	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.6	23.8	86.8	0.0	67.85	83.15	81.60	0.00	7.70	8.00	96.28	0.00	0.71	0.45	158.36	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	76.5	20.5	23.8	86.5	0.0	67.55	83.15	81.24	0.00	7.70	8.00	96.22	0.00	0.71	0.45	158.32	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	79.5	20.5	23.8	86.2	0.0	66.92	83.15	80.48	0.00	7.69	8.00	96.17	0.00	0.71	0.45	158.28	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.4	23.8	85.9	0.0	66.33	83.15	79.77	0.00	7.69	8.00	96.12	0.00	0.71	0.45	158.25	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.4	23.8	85.7	0.0	66.08	83.15	79.47	0.00	7.69	8.00	96.08	0.00	0.71	0.45	158.22	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.3	23.8	85.5	0.0	65.62	83.15	78.91	0.00	7.68	8.00	96.04	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.3	23.8	85.3	0.0	64.92	83.15	78.08	0.00	7.68	8.00	96.01	0.00	0.71	0.45	158.17	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.2	23.8	85.1	0.0	64.60	83.15	77.69	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.15	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	97.5	20.2	23.8	84.9	0.0	63.80	83.15	76.73	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.13	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	100.5	20.1	23.8	84.8	0.0	63.10	83.15	75.88	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.1	23.8	84.7	0.0	62.78	83.15	75.49	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.1	23.8	84.6	0.0	62.49	83.15	75.15	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.1	23.8	84.5	0.0	62.19	83.15	74.79	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.07	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.0	23.8	84.4	0.0	61.99	83.15	74.55	0.00	7.67	8.00	95.85	0.00	0.71	0.45	158.06	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.0	23.8	84.3	0.0	61.82	83.15	74.35	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.04	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_24	1.5	30.4	23.8	127.9	100.0	146.50	83.15	176.18	100.00	8.29	8.00	103.67	100.00	0.73	0.45	162.96	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	3	30.4	23.8	127.8	100.0	146.37	83.15	176.02	100.00	8.29	8.00	103.67	100.00	0.73	0.45	162.96	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	4.5	30.4	23.8	127.8	100.0	146.36	83.15	176.01	100.00	8.29	8.00	103.67	100.00	0.73	0.45	162.94	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	7.5	30.1	23.8	126.8	100.0	145.99	83.15	175.57	100.00	8.28	8.00	103.47	100.00	0.73	0.45	162.83	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	10.5	30.0	23.8	126.1	100.0	145.80	83.15	175.34	100.00	8.27	8.00	103.36	100.00	0.73	0.45	162.71	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	13.5	29.7	23.8	124.9	100.0	145.27	83.15	174.70	100.00	8.25	8.00	103.15	100.00	0.73	0.45	162.54	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	16.5	29.2	23.8	123.0	100.0	143.18	83.15	172.19	100.00	8.22	8.00	102.79	100.00	0.73	0.45	162.28	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	19.5	28.6	23.8	120.4	100.0	139.97	83.15	168.33	100.00	8.18	8.00	102.29	100.00	0.73	0.45	161.95	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	22.5	27.8	23.8	117.0	100.0	136.86	83.15	164.59	100.00	8.13	8.00	101.67	100.00	0.73	0.45	161.53	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	25.5	26.9	23.8	113.3	100.0	129.97	83.15	156.31	100.00	8.08	8.00	101.00	100.00	0.73	0.45	161.13	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	28.5	26.0	23.8	109.6	100.0	125.50	83.15	150.93	100.00	8.03	8.00	100.32	50.00	0.72	0.45	160.78	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	31.5	25.2	23.8	106.0	100.0	119.57	83.15	143.80	100.00	7.97	8.00	99.68	0.00	0.72	0.45	160.45	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	34.5	24.4	23.8	102.8	100.0	114.28	83.15	137.43	100.00	7.93	8.00	99.10	0.00	0.72	0.45	160.17	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	23.8	23.8	100.3	51.3	108.60	83.15	130.61	100.00	7.89	8.00	98.61	0.00	0.72	0.45	159.92	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	40.5	23.3	23.8	98.2	0.0	102.09	83.15	122.77	100.00	7.86	8.00	98.23	0.00	0.72	0.45	159.69	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	43.5	22.9	23.8	96.3	0.0	95.88	83.15	115.31	100.00	7.83	8.00	97.91	0.00	0.72	0.45	159.50	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	46.5	22.5	23.8	94.8	0.0	89.81	83.15	108.01	100.00	7.81	8.00	97.64	0.00	0.72	0.45	159.32	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	49.5	22.2	23.8	93.4	0.0	83.28	83.15	100.15	7.89	7.79	8.00	97.41	0.00	0.72	0.45	159.17	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	52.5	21.9	23.8	92.3	0.0	78.70	83.15	94.65	0.00	7.78	8.00	97.21	0.00	0.72	0.45	159.04	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.7	23.8	91.3	0.0	75.61	83.15	90.93	0.00	7.76	8.00	97.03	0.00	0.72	0.45	158.91	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	58.5	21.5	23.8	90.4	0.0	72.73	83.15	87.47	0.00	7.75	8.00	96.89	0.00	0.71	0.45	158.81	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	61.5	21.3	23.8	89.7	0.0	70.33	83.15	84.58	0.00	7.74	8.00	96.76	0.00	0.71	0.45	158.71	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	64.5	21.2	23.8	89.0	0.0	68.50	83.15	82.37	0.00	7.73	8.00	96.65	0.00	0.71	0.45	158.62	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	67.5	21.0	23.8	88.5	0.0	67.52	83.15	81.20	0.00	7.72	8.00	96.55	0.00	0.71	0.45	158.55	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	70.5	20.9	23.8	88.0	0.0	66.86	83.15	80.41	0.00	7.72	8.00	96.46	0.00	0.71	0.45	158.49	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.8	23.8	87.5	0.0	66.22	83.15	79.64	0.00	7.71	8.00	96.39	0.00	0.71	0.45	158.43	100.00	1.37E-04	1.00E-05	1.37E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	76.5	20.7	23.8	87.1	0.0	65.06	83.15	78.24	0.00	7.71	8.00	96.32	0.00	0.71	0.45	158.38	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	79.5	20.5	23.8	86.4	0.0	63.97	83.15	76.93	0.00	7.70	8.00	96.21	0.00	0.71	0.45	158.30	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	82.5	20.5	23.8	86.1	0.0	62.97	83.15	75.73	0.00	7.69	8.00	96.16	0.00	0.71	0.45	158.26	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.4	23.8	85.9	0.0	62.81	83.15	75.53	0.00	7.69	8.00	96.12	0.00	0.71	0.45	158.23	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.4	23.8	85.7	0.0	62.58	83.15	75.26	0.00	7.69	8.00	96.08	0.00	0.71	0.45	158.20	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.3	23.8	85.5	0.0	62.04	83.15	74.61	0.00	7.68	8.00	96.04	0.00	0.71	0.45	158.18	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
BLDG_04	1.5	37.0	23.8	155.8	100.0	152.89	83.15	183.87	100.00	8.67	8.00	108.34	100.00	0.83	0.45	184.62	100.00	1.96E-04	1.00E-05	1.96E+03	100.00
	3	36.8	23.8	154.9	100.0	152.17	83.15	183.00	100.00	8.64	8.00	108.06	100.00	0.82	0.45	182.16	100.00	1.93E-04	1.00E-05	1.93E+03	100.00
	4.5	36.5	23.8	153.7	100.0	151.90	83.15	182.67	100.00	8.63	8.00	107.84	100.00	0.81	0.45	179.85	100.00	1.91E-04	1.00E-05	1.91E+03	100.00
	7.5	35.6	23.8	149.9	100.0	151.20	83.15	181.83	100.00	8.56	8.00	107.00	100.00	0.79	0.45	175.03	100.00	1.83E-04	1.00E-05	1.83E+03	100.00
	10.5	34.6	23.8	145.8	100.0	150.51	83.15	181.01	100.00	8.51	8.00	106.32	100.00	0.77	0.45	171.98	100.00	1.79E-04	1.00E-05	1.79E+03	100.00
	13.5	33.4	23.8	140.4	100.0	148.20	83.15	178.23	100.00	8.43	8.00	105.42	100.00	0.76	0.45	169.54	100.00	1.74E-04	1.00E-05	1.74E+03	100.00
	16.5	31.9	23.8	134.2	100.0	141.93	83.15	170.68	100.00	8.35	8.00	104.35	100.00	0.75	0.45	167.50	100.00	1.69E-04	1.00E-05	1.69E+03	100.00
	19.5	30.3	23.8	127.5	100.0	136.37	83.15	164.00	100.00	8.25	8.00	103.18	100.00	0.75	0.45	165.80	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	22.5	28.7	23.8	120.9	100.0	135.77	83.15	163.27	100.00	8.16	8.00	102.02	100.00	0.74	0.45	164.42	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	25.5	27.3	23.8	115.1	100.0	133.98	83.15	161.13	100.00	8.08	8.00	100.98	100.00	0.74	0.45	163.41	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	28.5	26.2	23.8	110.3	100.0	143.68	83.15	172.79	100.00	8.01	8.00	100.10	80.26	0.73	0.45	162.62	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	31.5	25.3	23.8	106.5	100.0	145.61	83.15	175.11	100.00	7.95	8.00	99.43	0.00	0.73	0.45	162.00	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	34.5	24.5	23.8	103.3	100.0	141.61	83.15	170.30	100.00	7.91	8.00	98.88	0.00	0.73	0.45	161.49	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	37.5	23.9	23.8	100.6	53.9	144.74	83.15	174.07	100.00	7.87	8.00	98.42	0.00	0.72	0.45	161.05	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	40.5	23.3	23.8	98.3	0.0	144.99	83.15	174.36	100.00	7.84	8.00	98.04	0.00	0.72	0.45	160.66	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	43.5	22.9	23.8	96.3	0.0	143.74	83.15	172.87	100.00	7.82	8.00	97.71	0.00	0.72	0.45	160.31	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	46.5	22.5	23.8	94.6	0.0	130.72	83.15	157.21	100.00	7.79	8.00	97.43	0.00	0.72	0.45	160.00	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	49.5	22.1	23.8	93.0	0.0	115.86	83.15	139.34	100.00	7.77	8.00	97.19	0.00	0.72	0.45	159.72	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	52.5	21.8	23.8	91.7	0.0	100.30	83.15	120.62	100.00	7.76	8.00	96.98	0.00	0.72	0.45	159.48	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	55.5	21.5	23.8	90.6	0.0	87.17	83.15	104.83	71.05	7.74	8.00	96.81	0.00	0.72	0.45	159.28	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	58.5	21.3	23.8	89.6	0.0	82.17	83.15	98.81	0.00	7.73	8.00	96.67	0.00	0.72	0.45	159.14	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	61.5	21.1	23.8	88.8	0.0	78.84	83.15	94.81	0.00	7.72	8.00	96.55	0.00	0.72	0.45	159.01	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	64.5	21.0	23.8	88.2	0.0	76.55	83.15	92.06	0.00	7.72	8.00	96.45	0.00	0.72	0.45	158.91	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	67.5	20.8	23.8	87.7	0.0	75.60	83.15	90.92	0.00	7.71	8.00	96.36	0.00	0.71	0.45	158.82	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.7	23.8	87.3	0.0	74.35	83.15	89.41	0.00	7.70	8.00	96.29	0.00	0.71	0.45	158.74	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.7	23.8	87.0	0.0	73.78	83.15	88.72	0.00	7.70	8.00	96.22	0.00	0.71	0.45	158.68	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	76.5	20.6	23.8	86.6	0.0	72.92	83.15	87.69	0.00	7.69	8.00	96.18	0.00	0.71	0.45	158.62	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	79.5	20.5	23.8	86.4	0.0	72.04	83.15	86.64	0.00	7.69	8.00	96.13	0.00	0.71	0.45	158.57	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	82.5	20.5	23.8	86.1	0.0	71.53	83.15	86.02	0.00	7.69	8.00	96.09	0.00	0.71	0.45	158.52	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	85.5	20.4	23.8	85.9	0.0	70.95	83.15	85.32	0.00	7.68	8.00	96.06	0.00	0.71	0.45	158.48	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	88.5	20.4	23.8	85.7	0.0	70.22	83.15	84.45	0.00	7.68	8.00	96.03	0.00	0.71	0.45	158.44	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	91.5	20.3	23.8	85.5	0.0	69.71	83.15	83.84	0.00	7.68	8.00	96.00	0.00	0.71	0.45	158.41	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	94.5	20.3	23.8	85.4	0.0	69.04	83.15	83.03	0.00	7.68	8.00	95.98	0.00	0.71	0.45	158.38	100.00	1.36E-04	1.00E-05	1.36E+03	100.00
	97.5	20.2	23.8	85.2	0.0	68.49	83.15	82.36	0.00	7.68	8.00	95.95	0.00	0.71	0.45	158.35	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	100.5	20.2	23.8	85.1	0.0	67.89	83.15	81.65	0.00	7.67	8.00	95.93	0.00	0.71	0.45	158.32	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	103.5	20.2	23.8	84.9	0.0	67.43	83.15	81.09	0.00	7.67	8.00	95.91	0.00	0.71	0.45	158.30	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	106.5	20.2	23.8	84.8	0.0	66.84	83.15	80.38	0.00	7.67	8.00	95.89	0.00	0.71	0.45	158.27	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	109.5	20.1	23.8	84.7	0.0	66.39	83.15	79.84	0.00	7.67	8.00	95.87	0.00	0.71	0.45	158.25	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	112.5	20.1	23.8	84.6	0.0	65.81	83.15	79.14	0.00	7.67	8.00	95.86	0.00	0.71	0.45	158.23	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	115.5	20.1	23.8	84.5	0.0	65.06	83.15	78.24	0.00	7.67	8.00	95.84	0.00	0.71	0.45	158.21	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	118.5	20.1	23.8	84.4	0.0	64.44	83.15	77.50	0.00	7.67	8.00	95.83	0.00	0.71	0.45	158.19	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	121.5	20.0	23.8	84.3	0.0	63.39	83.15	76.23	0.00	7.67	8.00	95.82	0.00	0.71	0.45	158.18	100.00	1.35E-04	1.00E-05	1.35E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	124.5	20.0	23.8	84.2	0.0	62.77	83.15	75.48	0.00	7.66	8.00	95.80	0.00	0.71	0.45	158.16	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	127.5	20.0	23.8	84.2	0.0	62.07	83.15	74.64	0.00	7.66	8.00	95.79	0.00	0.71	0.45	158.14	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	130.5	20.0	23.8	84.1	0.0	61.28	83.15	73.69	0.00	7.66	8.00	95.78	0.00	0.71	0.45	158.13	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	133.5	20.0	23.8	84.0	0.0	60.67	83.15	72.96	0.00	7.66	8.00	95.77	0.00	0.71	0.45	158.12	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	136.5	19.9	23.8	84.0	0.0	60.39	83.15	72.62	0.00	7.66	8.00	95.76	0.00	0.71	0.45	158.10	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	139.5	19.9	23.8	83.9	0.0	60.18	83.15	72.38	0.00	7.66	8.00	95.75	0.00	0.71	0.45	158.09	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	142.5	19.9	23.8	83.8	0.0	60.02	83.15	72.18	0.00	7.66	8.00	95.74	0.00	0.71	0.45	158.08	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
	145.5	19.9	23.8	83.8	0.0	59.84	83.15	71.96	0.00	7.66	8.00	95.73	0.00	0.71	0.45	158.07	100.00	1.35E-04	1.00E-05	1.35E+03	100.00
BLDG_03	1.5	33.3	23.8	140.1	100.0	147.27	83.15	177.11	100.00	8.41	8.00	105.14	100.00	0.75	0.45	166.41	100.00	1.68E-04	1.00E-05	1.68E+03	100.00
	3	33.2	23.8	139.9	100.0	146.88	83.15	176.64	100.00	8.41	8.00	105.07	100.00	0.75	0.45	166.30	100.00	1.68E-04	1.00E-05	1.68E+03	100.00
	4.5	33.1	23.8	139.2	100.0	146.80	83.15	176.54	100.00	8.40	8.00	104.98	100.00	0.75	0.45	166.16	100.00	1.68E-04	1.00E-05	1.68E+03	100.00
BLDG_32	1.5	32.5	23.8	136.9	100.0	143.66	83.15	172.76	100.00	8.24	8.00	102.94	100.00	0.75	0.45	167.45	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	3	32.3	23.8	136.0	100.0	142.40	83.15	171.25	100.00	8.23	8.00	102.85	100.00	0.75	0.45	167.23	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	6	31.4	23.8	132.3	100.0	137.92	83.15	165.86	100.00	8.20	8.00	102.44	100.00	0.75	0.45	166.34	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	7.5	30.4	23.8	127.8	100.0	136.38	83.15	164.01	100.00	8.17	8.00	102.09	100.00	0.74	0.45	165.11	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	9	30.8	23.8	129.6	100.0	134.43	83.15	161.67	100.00	8.17	8.00	102.14	100.00	0.75	0.45	165.70	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	10.5	29.9	23.8	125.7	100.0	133.44	83.15	160.47	100.00	8.15	8.00	101.86	100.00	0.74	0.45	164.64	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	12	30.0	23.8	126.1	100.0	133.39	83.15	160.41	100.00	8.14	8.00	101.78	100.00	0.74	0.45	164.95	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	13.5	29.2	23.8	123.0	100.0	133.22	83.15	160.21	100.00	8.13	8.00	101.62	100.00	0.74	0.45	164.06	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	15	29.1	23.8	122.4	100.0	134.20	83.15	161.39	100.00	8.13	8.00	101.57	100.00	0.74	0.45	164.15	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	16.5	28.7	23.8	120.6	100.0	132.71	83.15	159.59	100.00	8.11	8.00	101.39	100.00	0.74	0.45	163.77	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	18	28.1	23.8	118.4	100.0	131.20	83.15	157.79	100.00	8.10	8.00	101.28	100.00	0.73	0.45	163.04	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	19.5	27.8	23.8	116.9	100.0	129.73	83.15	156.01	100.00	8.09	8.00	101.12	100.00	0.73	0.45	162.93	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	21	27.1	23.8	113.9	100.0	125.07	83.15	150.41	100.00	8.05	8.00	100.63	100.00	0.73	0.45	162.10	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	22.5	26.9	23.8	113.1	100.0	124.65	83.15	149.91	100.00	8.05	8.00	100.61	100.00	0.73	0.45	161.89	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	24	26.5	23.8	111.4	100.0	122.29	83.15	147.06	100.00	8.02	8.00	100.29	100.00	0.73	0.45	161.70	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	25.5	26.3	23.8	110.6	100.0	121.35	83.15	145.94	100.00	8.02	8.00	100.24	100.00	0.73	0.45	161.50	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	27	25.9	23.8	109.0	100.0	119.06	83.15	143.18	100.00	7.99	8.00	99.93	0.00	0.73	0.45	161.32	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	28.5	25.7	23.8	108.1	100.0	118.52	83.15	142.53	100.00	7.99	8.00	99.84	0.00	0.73	0.45	161.14	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	30	25.3	23.8	106.6	100.0	116.53	83.15	140.13	100.00	7.96	8.00	99.56	0.00	0.72	0.45	160.97	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	31.5	25.1	23.8	105.7	100.0	115.63	83.15	139.06	100.00	7.95	8.00	99.43	0.00	0.72	0.45	160.81	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	33	24.8	23.8	104.3	100.0	114.12	83.15	137.25	100.00	7.93	8.00	99.18	0.00	0.72	0.45	160.65	100.00	1.47E-04	1.00E-05	1.47E+03	100.00
	34.5	24.6	23.8	103.4	100.0	111.79	83.15	134.44	100.00	7.92	8.00	99.04	0.00	0.72	0.45	160.51	100.00	1.47E-04	1.00E-05	1.47E+03	100.00
	36	24.3	23.8	102.1	100.0	112.31	83.15	135.06	100.00	7.90	8.00	98.81	0.00	0.72	0.45	160.37	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	37.5	24.0	23.8	101.2	100.0	109.44	83.15	131.62	100.00	7.89	8.00	98.66	0.00	0.72	0.45	160.24	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	39	23.8	23.8	100.1	14.3	106.83	83.15	128.48	100.00	7.88	8.00	98.46	0.00	0.72	0.45	160.11	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	40.5	23.6	23.8	99.2	0.0	105.08	83.15	126.37	100.00	7.87	8.00	98.32	0.00	0.72	0.45	159.99	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	42	23.3	23.8	98.2	0.0	101.89	83.15	122.54	100.00	7.85	8.00	98.14	0.00	0.72	0.45	159.88	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	43.5	23.1	23.8	97.3	0.0	98.69	83.15	118.68	100.00	7.84	8.00	98.01	0.00	0.72	0.45	159.77	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	45	22.9	23.8	96.5	0.0	95.40	83.15	114.73	100.00	7.83	8.00	97.86	0.00	0.72	0.45	159.66	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	46.5	22.7	23.8	95.7	0.0	92.06	83.15	110.72	100.00	7.82	8.00	97.74	0.00	0.72	0.45	159.56	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	48	22.6	23.8	95.0	0.0	90.29	83.15	108.58	100.00	7.81	8.00	97.61	0.00	0.72	0.45	159.47	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	49.5	22.4	23.8	94.3	0.0	85.78	83.15	103.17	100.00	7.80	8.00	97.50	0.00	0.72	0.45	159.38	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	51	22.3	23.8	93.7	0.0	83.50	83.15	100.42	14.29	7.79	8.00	97.39	0.00	0.72	0.45	159.30	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	52.5	22.1	23.8	93.1	0.0	78.79	83.15	94.76	0.00	7.78	8.00	97.29	0.00	0.72	0.45	159.22	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	54	22.0	23.8	92.5	0.0	76.10	83.15	91.52	0.00	7.78	8.00	97.20	0.00	0.72	0.45	159.15	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.9	23.8	92.0	0.0	73.66	83.15	88.58	0.00	7.77	8.00	97.12	0.00	0.72	0.45	159.08	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	57	21.7	23.8	91.5	0.0	71.31	83.15	85.76	0.00	7.76	8.00	97.03	0.00	0.72	0.45	159.01	100.00	1.39E-04	1.00E-05	1.39E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	58.5	21.6	23.8	91.0	0.0	70.29	83.15	84.54	0.00	7.76	8.00	96.96	0.00	0.72	0.45	158.95	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
BLDG_36	1.5	30.5	23.8	128.4	100.0	145.66	83.15	175.17	100.00	8.27	8.00	103.37	100.00	0.74	0.45	163.95	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	3	30.5	23.8	128.5	100.0	145.54	83.15	175.03	100.00	8.27	8.00	103.37	100.00	0.74	0.45	163.87	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	4.5	30.5	23.8	128.4	100.0	145.51	83.15	175.00	100.00	8.27	8.00	103.36	100.00	0.74	0.45	163.82	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	7.5	30.2	23.8	127.2	100.0	144.98	83.15	174.36	100.00	8.25	8.00	103.14	100.00	0.74	0.45	163.61	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	10.5	30.0	23.8	126.3	100.0	144.74	83.15	174.07	100.00	8.24	8.00	103.03	100.00	0.74	0.45	163.40	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	13.5	29.7	23.8	125.1	100.0	143.61	83.15	172.71	100.00	8.23	8.00	102.86	100.00	0.73	0.45	163.11	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	16.5	29.2	23.8	122.9	100.0	141.90	83.15	170.65	100.00	8.20	8.00	102.54	100.00	0.73	0.45	162.78	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	19.5	28.5	23.8	120.0	100.0	137.59	83.15	165.47	100.00	8.16	8.00	102.03	100.00	0.73	0.45	162.40	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	22.5	27.8	23.8	117.1	100.0	132.23	83.15	159.02	100.00	8.12	8.00	101.52	100.00	0.73	0.45	161.99	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	25.5	27.0	23.8	113.6	100.0	125.25	83.15	150.63	100.00	8.07	8.00	100.89	100.00	0.73	0.45	161.56	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	28.5	26.2	23.8	110.3	100.0	119.93	83.15	144.23	100.00	8.03	8.00	100.32	100.00	0.73	0.45	161.15	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
BLDG_33	1.5	32.1	23.8	135.0	100.0	149.99	83.15	180.38	100.00	8.40	8.00	105.03	100.00	0.74	0.45	163.80	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	3	32.1	23.8	135.0	100.0	149.83	83.15	180.19	100.00	8.40	8.00	105.03	100.00	0.74	0.45	163.77	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	4.5	32.0	23.8	134.9	100.0	149.64	83.15	179.95	100.00	8.40	8.00	105.02	100.00	0.74	0.45	163.73	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	7.5	31.8	23.8	133.7	100.0	148.60	83.15	178.70	100.00	8.38	8.00	104.80	100.00	0.74	0.45	163.58	100.00	1.69E-04	1.00E-05	1.69E+03	100.00
	10.5	31.5	23.8	132.5	100.0	147.72	83.15	177.65	100.00	8.37	8.00	104.60	100.00	0.74	0.45	163.41	100.00	1.69E-04	1.00E-05	1.69E+03	100.00
	13.5	31.0	23.8	130.4	100.0	146.83	83.15	176.58	100.00	8.34	8.00	104.21	100.00	0.73	0.45	163.14	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	16.5	30.3	23.8	127.7	100.0	145.18	83.15	174.59	100.00	8.29	8.00	103.67	100.00	0.73	0.45	162.78	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	19.5	29.5	23.8	124.2	100.0	142.15	83.15	170.95	100.00	8.24	8.00	102.99	100.00	0.73	0.45	162.36	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	22.5	28.5	23.8	119.9	100.0	137.35	83.15	165.18	100.00	8.18	8.00	102.19	100.00	0.73	0.45	161.88	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	25.5	27.4	23.8	115.3	100.0	131.39	83.15	158.01	100.00	8.11	8.00	101.35	100.00	0.73	0.45	161.42	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	28.5	26.4	23.8	111.0	100.0	125.72	83.15	151.19	100.00	8.04	8.00	100.53	100.00	0.72	0.45	160.99	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	31.5	25.5	23.8	107.2	100.0	118.00	83.15	141.90	100.00	7.99	8.00	99.85	0.00	0.72	0.45	160.59	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	34.5	24.7	23.8	103.8	100.0	111.25	83.15	133.78	100.00	7.94	8.00	99.25	0.00	0.72	0.45	160.24	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	24.0	23.8	100.9	100.0	104.92	83.15	126.17	100.00	7.90	8.00	98.73	0.00	0.72	0.45	159.94	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	40.5	23.4	23.8	98.4	0.0	98.58	83.15	118.55	100.00	7.86	8.00	98.29	0.00	0.72	0.45	159.69	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	43.5	22.9	23.8	96.3	0.0	91.42	83.15	109.94	100.00	7.83	8.00	97.92	0.00	0.72	0.45	159.48	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	46.5	22.5	23.8	94.6	0.0	85.79	83.15	103.17	100.00	7.81	8.00	97.61	0.00	0.72	0.45	159.29	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	49.5	22.1	23.8	93.1	0.0	80.20	83.15	96.45	0.00	7.79	8.00	97.36	0.00	0.72	0.45	159.13	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	52.5	21.8	23.8	91.9	0.0	77.06	83.15	92.67	0.00	7.77	8.00	97.14	0.00	0.72	0.45	158.98	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.6	23.8	90.9	0.0	73.32	83.15	88.18	0.00	7.76	8.00	96.96	0.00	0.71	0.45	158.86	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
BLDG_34	1.5	30.1	23.8	126.5	100.0	145.43	83.15	174.89	100.00	8.24	8.00	103.04	100.00	0.74	0.45	163.62	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	3	30.1	23.8	126.6	100.0	145.07	83.15	174.47	100.00	8.24	8.00	103.02	100.00	0.74	0.45	163.58	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	4.5	30.1	23.8	126.5	100.0	145.03	83.15	174.41	100.00	8.24	8.00	103.01	100.00	0.74	0.45	163.54	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	7.5	29.9	23.8	125.9	100.0	144.44	83.15	173.70	100.00	8.23	8.00	102.90	100.00	0.74	0.45	163.38	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	10.5	29.7	23.8	125.2	100.0	144.33	83.15	173.57	100.00	8.22	8.00	102.81	100.00	0.73	0.45	163.20	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	13.5	29.4	23.8	123.9	100.0	143.58	83.15	172.67	100.00	8.21	8.00	102.65	100.00	0.73	0.45	162.96	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	16.5	29.0	23.8	122.1	100.0	140.98	83.15	169.54	100.00	8.19	8.00	102.38	100.00	0.73	0.45	162.66	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	19.5	28.5	23.8	119.8	100.0	137.54	83.15	165.40	100.00	8.16	8.00	101.99	100.00	0.73	0.45	162.28	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	22.5	27.8	23.8	117.0	100.0	133.92	83.15	161.05	100.00	8.12	8.00	101.52	100.00	0.73	0.45	161.88	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	25.5	27.0	23.8	113.9	100.0	126.67	83.15	152.33	100.00	8.08	8.00	100.97	100.00	0.73	0.45	161.47	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	28.5	26.3	23.8	110.5	100.0	121.07	83.15	145.60	100.00	8.03	8.00	100.39	100.00	0.72	0.45	161.07	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	31.5	25.5	23.8	107.2	100.0	115.97	83.15	139.47	100.00	7.98	8.00	99.81	0.00	0.72	0.45	160.69	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	34.5	24.7	23.8	104.1	100.0	108.13	83.15	130.04	100.00	7.94	8.00	99.27	0.00	0.72	0.45	160.35	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	24.1	23.8	101.4	100.0	105.61	83.15	127.01	100.00	7.90	8.00	98.79	0.00	0.72	0.45	160.06	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	40.5	23.5	23.8	99.0	0.0	99.75	83.15	119.96	100.00	7.87	8.00	98.37	0.00	0.72	0.45	159.80	100.00	1.45E-04	1.00E-05	1.45E+03	100.00
	43.5	23.0	23.8	97.0	0.0	94.66	83.15	113.84	100.00	7.84	8.00	98.01	0.00	0.72	0.45	159.58	100.00	1.43E-04	1.00E-05	1.43E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
	46.5	22.6	23.8	95.3	0.0	86.22	83.15	103.69	100.00	7.82	8.00	97.71	0.00	0.72	0.45	159.39	100.00	1.42E-04	1.00E-05	1.42E+03	100.00
	49.5	22.3	23.8	93.8	0.0	80.57	83.15	96.89	0.00	7.80	8.00	97.45	0.00	0.72	0.45	159.23	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	52.5	22.0	23.8	92.6	0.0	75.42	83.15	90.70	0.00	7.78	8.00	97.24	0.00	0.72	0.45	159.08	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.7	23.8	91.5	0.0	72.01	83.15	86.60	0.00	7.76	8.00	97.06	0.00	0.72	0.45	158.95	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	58.5	21.5	23.8	90.6	0.0	69.79	83.15	83.93	0.00	7.75	8.00	96.90	0.00	0.71	0.45	158.84	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	61.5	21.3	23.8	89.8	0.0	67.39	83.15	81.04	0.00	7.74	8.00	96.77	0.00	0.71	0.45	158.74	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	64.5	21.2	23.8	89.1	0.0	66.34	83.15	79.78	0.00	7.73	8.00	96.65	0.00	0.71	0.45	158.65	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	67.5	21.0	23.8	88.5	0.0	64.63	83.15	77.73	0.00	7.72	8.00	96.55	0.00	0.71	0.45	158.58	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
BLDG_29	1.5	30.4	23.8	128.1	100.0	146.30	83.15	175.94	100.00	8.29	8.00	103.59	100.00	0.73	0.45	163.22	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	3	30.4	23.8	128.0	100.0	146.13	83.15	175.74	100.00	8.29	8.00	103.59	100.00	0.73	0.45	163.15	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	4.5	30.4	23.8	128.0	100.0	146.12	83.15	175.72	100.00	8.29	8.00	103.59	100.00	0.73	0.45	163.13	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	6	29.6	23.8	124.4	100.0	144.35	83.15	173.59	100.00	8.22	8.00	102.72	100.00	0.73	0.45	162.98	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	7.5	30.2	23.8	127.3	100.0	145.84	83.15	175.39	100.00	8.28	8.00	103.47	100.00	0.73	0.45	163.03	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	9	29.4	23.8	123.9	100.0	144.14	83.15	173.34	100.00	8.21	8.00	102.66	100.00	0.73	0.45	162.86	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	10.5	30.1	23.8	126.7	100.0	145.61	83.15	175.11	100.00	8.27	8.00	103.38	100.00	0.73	0.45	162.91	100.00	1.64E-04	1.00E-05	1.64E+03	100.00
	12	29.2	23.8	123.1	100.0	143.92	83.15	173.08	100.00	8.20	8.00	102.55	100.00	0.73	0.45	162.71	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	13.5	29.8	23.8	125.6	100.0	145.25	83.15	174.68	100.00	8.26	8.00	103.21	100.00	0.73	0.45	162.74	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	15	28.9	23.8	121.7	100.0	141.51	83.15	170.18	100.00	8.19	8.00	102.35	100.00	0.73	0.45	162.51	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	16.5	29.4	23.8	123.7	100.0	143.34	83.15	172.38	100.00	8.23	8.00	102.86	100.00	0.73	0.45	162.46	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	18	28.5	23.8	119.8	100.0	138.93	83.15	167.08	100.00	8.16	8.00	102.04	100.00	0.73	0.45	162.22	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	19.5	28.8	23.8	121.1	100.0	139.54	83.15	167.82	100.00	8.19	8.00	102.38	100.00	0.73	0.45	162.13	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
BLDG_35	1.5	32.6	23.8	137.1	100.0	150.84	83.15	181.40	100.00	8.44	8.00	105.45	100.00	0.74	0.45	164.02	100.00	1.72E-04	1.00E-05	1.72E+03	100.00
	3	32.6	23.8	137.0	100.0	150.82	83.15	181.37	100.00	8.44	8.00	105.45	100.00	0.74	0.45	163.98	100.00	1.72E-04	1.00E-05	1.72E+03	100.00
	4.5	32.5	23.8	136.9	100.0	150.77	83.15	181.31	100.00	8.43	8.00	105.43	100.00	0.74	0.45	163.94	100.00	1.72E-04	1.00E-05	1.72E+03	100.00
	7.5	32.2	23.8	135.7	100.0	150.15	83.15	180.57	100.00	8.42	8.00	105.22	100.00	0.74	0.45	163.78	100.00	1.71E-04	1.00E-05	1.71E+03	100.00
	10.5	31.9	23.8	134.2	100.0	149.27	83.15	179.51	100.00	8.40	8.00	104.95	100.00	0.74	0.45	163.56	100.00	1.70E-04	1.00E-05	1.70E+03	100.00
	13.5	31.2	23.8	131.4	100.0	148.04	83.15	178.03	100.00	8.35	8.00	104.41	100.00	0.73	0.45	163.20	100.00	1.68E-04	1.00E-05	1.68E+03	100.00
	16.5	30.4	23.8	127.9	100.0	144.92	83.15	174.28	100.00	8.30	8.00	103.72	100.00	0.73	0.45	162.78	100.00	1.66E-04	1.00E-05	1.66E+03	100.00
	19.5	29.4	23.8	123.8	100.0	142.00	83.15	170.77	100.00	8.23	8.00	102.92	100.00	0.73	0.45	162.36	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	22.5	28.3	23.8	119.1	100.0	136.48	83.15	164.13	100.00	8.16	8.00	102.03	100.00	0.73	0.45	161.89	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	25.5	27.3	23.8	114.8	100.0	130.73	83.15	157.21	100.00	8.10	8.00	101.21	100.00	0.73	0.45	161.41	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	28.5	26.3	23.8	110.5	100.0	122.08	83.15	146.82	100.00	8.04	8.00	100.45	100.00	0.72	0.45	160.96	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	31.5	25.3	23.8	106.6	100.0	115.99	83.15	139.49	100.00	7.98	8.00	99.74	0.00	0.72	0.45	160.56	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	34.5	24.5	23.8	103.1	100.0	109.53	83.15	131.72	100.00	7.93	8.00	99.13	0.00	0.72	0.45	160.21	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	23.8	23.8	100.2	10.5	101.65	83.15	122.24	100.00	7.89	8.00	98.61	0.00	0.72	0.45	159.91	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
	40.5	23.2	23.8	97.8	0.0	95.61	83.15	114.98	100.00	7.85	8.00	98.18	0.00	0.72	0.45	159.66	100.00	1.44E-04	1.00E-05	1.44E+03	100.00
	43.5	22.8	23.8	95.8	0.0	90.08	83.15	108.33	100.00	7.83	8.00	97.82	0.00	0.72	0.45	159.45	100.00	1.43E-04	1.00E-05	1.43E+03	100.00
	46.5	22.4	23.8	94.1	0.0	85.07	83.15	102.31	50.00	7.80	8.00	97.52	0.00	0.72	0.45	159.26	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	49.5	22.0	23.8	92.7	0.0	80.18	83.15	96.42	0.00	7.78	8.00	97.28	0.00	0.72	0.45	159.10	100.00	1.41E-04	1.00E-05	1.41E+03	100.00
	52.5	21.7	23.8	91.5	0.0	76.49	83.15	91.99	0.00	7.77	8.00	97.07	0.00	0.72	0.45	158.97	100.00	1.40E-04	1.00E-05	1.40E+03	100.00
	55.5	21.5	23.8	90.5	0.0	73.35	83.15	88.21	0.00	7.75	8.00	96.90	0.00	0.71	0.45	158.85	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	58.5	21.3	23.8	89.7	0.0	70.05	83.15	84.25	0.00	7.74	8.00	96.75	0.00	0.71	0.45	158.74	100.00	1.39E-04	1.00E-05	1.39E+03	100.00
	61.5	21.1	23.8	89.0	0.0	68.93	83.15	82.89	0.00	7.73	8.00	96.63	0.00	0.71	0.45	158.66	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	64.5	21.0	23.8	88.4	0.0	67.81	83.15	81.55	0.00	7.72	8.00	96.53	0.00	0.71	0.45	158.58	100.00	1.38E-04	1.00E-05	1.38E+03	100.00
	67.5	20.9	23.8	87.9	0.0	67.49	83.15	81.17	0.00	7.72	8.00	96.44	0.00	0.71	0.45	158.51	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	70.5	20.8	23.8	87.4	0.0	66.12	83.15	79.51	0.00	7.71	8.00	96.36	0.00	0.71	0.45	158.45	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	73.5	20.7	23.8	87.0	0.0	65.11	83.15	78.30	0.00	7.70	8.00	96.30	0.00	0.71	0.45	158.40	100.00	1.37E-04	1.00E-05	1.37E+03	100.00
	76.5	20.6	23.8	86.7	0.0	64.80	83.15	77.93	0.00	7.70	8.00	96.24	0.00	0.71	0.45	158.35	100.00	1.37E-04	1.00E-05	1.37E+03	100.00

Table E1 - Cumulative Impacts at Building Areas

RWDI#: 2306527

		NO2 - Annual (CAAQs)				NO2 - 1 hour (CAAQS)				PM2.5 - Annual (CAAQS)				Benzene - Annual (AAQC)				BAP - Annual AAQC			
Building ID	Height Above Grade (m)	Maximum Annual NO_2 Concentration (ug/m^3)	Annual NO_2 CAAQS (ug/m^3)	Annual NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum 1-Hour NO_2 Concentration (ug/m^3)	1-Hour NO_2 CAAQS (ug/m^3)	1-Hour NO2 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual PM2.5 Concentration (ug/m^3)	Annual PM-2.5 Criteria CAAQS (ug/m3)	Annual PM-2.5 Max Percent of CAAQS Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzene Concentration (ug/m^3)	Annual Benzene AAQC Criteria (ug/m^3)	Annual Benzene Max Percent of AAQC Crtieria (%)	Percent of Total Receptors Exceeding Criteria (%)	Maximum Annual Benzo(a)Pyrene Concentration (ug/m^3)	Annual Benzo(a)Pyrene AAQC (ug/m^3)	Annual B(a)P Max Percent of AAQC Criteria (%)	Percent of Total Receptors Exceeding Criteria (%)
BLDG_31	1.5	29.8	23.8	125.3	100.0	144.82	83.15	174.17	100.00	8.22	8.00	102.80	100.00	0.74	0.45	163.42	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	3	29.8	23.8	125.4	100.0	144.24	83.15	173.46	100.00	8.22	8.00	102.78	100.00	0.74	0.45	163.34	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	4.5	29.8	23.8	125.3	100.0	144.15	83.15	173.35	100.00	8.22	8.00	102.77	100.00	0.73	0.45	163.30	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	7.5	29.6	23.8	124.6	100.0	142.98	83.15	171.95	100.00	8.21	8.00	102.63	100.00	0.73	0.45	163.16	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	10.5	29.4	23.8	123.8	100.0	142.25	83.15	171.07	100.00	8.20	8.00	102.54	100.00	0.73	0.45	163.00	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	13.5	29.1	23.8	122.7	100.0	141.26	83.15	169.88	100.00	8.19	8.00	102.40	100.00	0.73	0.45	162.79	100.00	1.59E-04	1.00E-05	1.59E+03	100.00
	16.5	28.7	23.8	120.9	100.0	139.91	83.15	168.26	100.00	8.17	8.00	102.14	100.00	0.73	0.45	162.50	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	19.5	28.2	23.8	118.6	100.0	136.68	83.15	164.38	100.00	8.14	8.00	101.77	100.00	0.73	0.45	162.17	100.00	1.57E-04	1.00E-05	1.57E+03	100.00
	22.5	27.6	23.8	116.0	100.0	132.98	83.15	159.93	100.00	8.11	8.00	101.32	100.00	0.73	0.45	161.80	100.00	1.56E-04	1.00E-05	1.56E+03	100.00
	25.5	26.9	23.8	113.1	100.0	126.18	83.15	151.74	100.00	8.07	8.00	100.83	100.00	0.73	0.45	161.42	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	28.5	26.2	23.8	110.1	100.0	120.18	83.15	144.53	100.00	8.02	8.00	100.30	100.00	0.72	0.45	161.04	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	31.5	25.4	23.8	107.0	100.0	116.62	83.15	140.25	100.00	7.98	8.00	99.77	0.00	0.72	0.45	160.69	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	34.5	24.7	23.8	104.1	100.0	110.83	83.15	133.28	100.00	7.94	8.00	99.26	0.00	0.72	0.45	160.37	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	37.5	24.1	23.8	101.5	100.0	103.08	83.15	123.97	100.00	7.90	8.00	98.80	0.00	0.72	0.45	160.08	100.00	1.46E-04	1.00E-05	1.46E+03	100.00
BLDG_30	1.5	31.3	23.8	131.6	100.0	147.27	83.15	177.11	100.00	8.35	8.00	104.32	100.00	0.74	0.45	163.48	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	3	31.3	23.8	131.6	100.0	147.26	83.15	177.10	100.00	8.35	8.00	104.34	100.00	0.74	0.45	163.47	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	6	31.2	23.8	131.4	100.0	147.02	83.15	176.80	100.00	8.35	8.00	104.32	100.00	0.74	0.45	163.41	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	9	31.1	23.8	130.9	100.0	146.77	83.15	176.50	100.00	8.34	8.00	104.24	100.00	0.73	0.45	163.30	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	12	30.8	23.8	129.8	100.0	146.51	83.15	176.19	100.00	8.32	8.00	104.05	100.00	0.73	0.45	163.13	100.00	1.67E-04	1.00E-05	1.67E+03	100.00
	13.5	29.8	23.8	125.6	100.0	145.16	83.15	174.57	100.00	8.25	8.00	103.15	100.00	0.73	0.45	162.82	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	15	30.4	23.8	127.9	100.0	146.23	83.15	175.85	100.00	8.30	8.00	103.70	100.00	0.73	0.45	162.86	100.00	1.65E-04	1.00E-05	1.65E+03	100.00
	16.5	29.4	23.8	123.6	100.0	143.43	83.15	172.49	100.00	8.22	8.00	102.80	100.00	0.73	0.45	162.54	100.00	1.62E-04	1.00E-05	1.62E+03	100.00
	18	29.7	23.8	125.1	100.0	143.55	83.15	172.63	100.00	8.25	8.00	103.16	100.00	0.73	0.45	162.50	100.00	1.63E-04	1.00E-05	1.63E+03	100.00
	19.5	28.8	23.8	121.1	100.0	139.55	83.15	167.82	100.00	8.19	8.00	102.34	100.00	0.73	0.45	162.20	100.00	1.60E-04	1.00E-05	1.60E+03	100.00
	21	28.9	23.8	121.5	100.0	139.97	83.15	168.33	100.00	8.20	8.00	102.49	100.00	0.73	0.45	162.08	100.00	1.61E-04	1.00E-05	1.61E+03	100.00
	22.5	28.0	23.8	118.0	100.0	135.61	83.15	163.09	100.00	8.14	8.00	101.78	100.00	0.73	0.45	161.81	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	24	27.9	23.8	117.4	100.0	135.47	83.15	162.92	100.00	8.14	8.00	101.72	100.00	0.73	0.45	161.63	100.00	1.58E-04	1.00E-05	1.58E+03	100.00
	25.5	27.2	23.8	114.5	100.0	130.88	83.15	157.40	100.00	8.09	8.00	101.15	100.00	0.73	0.45	161.40	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	27	26.9	23.8	113.2	100.0	129.28	83.15	155.47	100.00	8.08	8.00	100.95	100.00	0.73	0.45	161.19	100.00	1.55E-04	1.00E-05	1.55E+03	100.00
	28.5	26.3	23.8	110.8	100.0	124.11	83.15	149.25	100.00	8.04	8.00	100.49	100.00	0.72	0.45	160.99	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	30	25.9	23.8	109.2	100.0	122.29	83.15	147.07	100.00	8.02	8.00	100.21	100.00	0.72	0.45	160.79	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	31.5	25.5	23.8	107.3	100.0	117.72	83.15	141.57	100.00	7.99	8.00	99.86	0.00	0.72	0.45	160.60	100.00	1.50E-04	1.00E-05	1.50E+03	100.00
	33	25.1	23.8	105.7	100.0	116.57	83.15	140.18	100.00	7.97	8.00	99.58	0.00	0.72	0.45	160.42	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	34.5	24.7	23.8	104.1	100.0	113.13	83.15	136.05	100.00	7.94	8.00	99.29	0.00	0.72	0.45	160.26	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
BLDG_28	1.5	29.0	23.8	122.0	100.0	138.82	83.15	166.94	100.00	8.13	8.00	101.67	100.00	0.74	0.45	163.75	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	3	28.9	23.8	121.6	100.0	136.96	83.15	164.71	100.00	8.13	8.00	101.59	100.00	0.74	0.45	163.63	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	6	28.7	23.8	120.9	100.0	133.33	83.15	160.35	100.00	8.12	8.00	101.52	100.00	0.74	0.45	163.43	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	7.5	28.6	23.8	120.5	100.0	132.80	83.15	159.70	100.00	8.12	8.00	101.49	100.00	0.74	0.45	163.34	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	10.5	28.4	23.8	119.5	100.0	130.51	83.15	156.95	100.00	8.11	8.00	101.38	100.00	0.73	0.45	163.10	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	13.5	28.1	23.8	118.3	100.0	128.98	83.15	155.12	100.00	8.10	8.00	101.25	100.00	0.73	0.45	162.83	100.00	1.54E-04	1.00E-05	1.54E+03	100.00
	16.5	27.7	23.8	116.5	100.0	128.65	83.15	154.72	100.00	8.08	8.00	101.03	100.00	0.73	0.45	162.47	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	19.5	27.2	23.8	114.5	100.0	126.28	83.15	151.87	100.00	8.06	8.00	100.78	100.00	0.73	0.45	162.11	100.00	1.53E-04	1.00E-05	1.53E+03	100.00
	22.5	26.7	23.8	112.2	100.0	123.42	83.15	148.43	100.00	8.04	8.00	100.47	100.00	0.73	0.45	161.74	100.00	1.52E-04	1.00E-05	1.52E+03	100.00
	25.5	26.1	23.8	109.9	100.0	121.08	83.15	145.61	100.00	8.01	8.00	100.12	52.08	0.73	0.45	161.37	100.00	1.51E-04	1.00E-05	1.51E+03	100.00
	28.5	25.5	23.8	107.5	100.0	118.18	83.15	142.13	100.00	7.98	8.00	99.74	0.00	0.72	0.45	161.03	100.00	1.49E-04	1.00E-05	1.49E+03	100.00
	31.5	25.0	23.8	105.1	100.0	114.14	83.15	137.26	100.00	7.95	8.00	99.35	0.00	0.72	0.45	160.72	100.00	1.48E-04	1.00E-05	1.48E+03	100.00
	34.5	24.4	23.8	102.9	100.0	109.82	83.15	132.07	100.00	7.92	8.00	98.97	0.00	0.72	0.45	160.43	100.00	1.47E-04	1.00E-05	1.47E+03	100.00

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
BLDG_08	1.5	19.5	11.8	31.3	160	41.00	103.35	144.35	352.07	7.64	0.58	8.22	107.63	0.71	0.04	0.75	105.11	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	3	19.5	11.5	31.0	159	41.00	100.76	141.76	345.76	7.64	0.58	8.22	107.55	0.71	0.03	0.74	104.91	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	6	19.5	11.3	30.8	158	41.00	97.68	138.68	338.24	7.64	0.57	8.21	107.45	0.71	0.03	0.74	104.75	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	9	19.5	10.9	30.4	156	41.00	96.24	137.24	334.73	7.64	0.56	8.20	107.30	0.71	0.03	0.74	104.51	1.34E-04	2.25E-05	1.57E-04	1.17E+02
	12	19.5	10.4	29.9	153	41.00	94.65	135.65	330.85	7.64	0.54	8.18	107.07	0.71	0.03	0.74	104.22	1.34E-04	2.23E-05	1.56E-04	1.17E+02
	13.5	19.5	10.1	29.6	152	41.00	94.56	135.56	330.63	7.64	0.53	8.17	106.93	0.71	0.03	0.74	104.05	1.34E-04	2.21E-05	1.56E-04	1.16E+02
BLDG_19	1.5	19.5	27.6	47.1	241	41.00	131.30	172.30	420.24	7.64	2.00	9.64	126.15	0.71	0.05	0.76	107.31	1.34E-04	1.02E-04	2.36E-04	1.76E+02
	3	19.5	27.5	47.0	241	41.00	130.94	171.94	419.37	7.64	1.99	9.63	126.02	0.71	0.05	0.76	107.27	1.34E-04	1.01E-04	2.35E-04	1.76E+02
	6	19.5	26.7	46.2	237	41.00	128.80	169.80	414.16	7.64	1.91	9.55	125.06	0.71	0.05	0.76	107.01	1.34E-04	9.76E-05	2.32E-04	1.73E+02
	7.5	19.5	15.3	34.8	179	41.00	112.58	153.58	374.59	7.64	0.98	8.62	112.77	0.71	0.03	0.74	104.30	1.34E-04	4.80E-05	1.82E-04	1.36E+02
	9	19.5	23.7	43.2	221	41.00	122.66	163.66	399.17	7.64	1.64	9.28	121.50	0.71	0.04	0.75	106.12	1.34E-04	8.35E-05	2.17E-04	1.62E+02
	10.5	19.5	21.8	41.3	212	41.00	120.86	161.86	394.78	7.64	1.48	9.12	119.37	0.71	0.04	0.75	105.58	1.34E-04	7.50E-05	2.09E-04	1.56E+02
	12	19.5	17.7	37.2	191	41.00	115.71	156.71	382.23	7.64	1.16	8.80	115.15	0.71	0.03	0.74	104.59	1.34E-04	5.81E-05	1.92E-04	1.43E+02
	13.5	19.5	17.2	36.8	188	41.00	116.26	157.26	383.57	7.64	1.13	8.77	114.76	0.71	0.03	0.74	104.44	1.34E-04	5.67E-05	1.91E-04	1.42E+02
	15	19.5	14.3	33.8	173	41.00	111.41	152.41	371.74	7.64	0.90	8.54	111.81	0.71	0.03	0.74	103.77	1.34E-04	4.49E-05	1.79E-04	1.33E+02
	16.5	19.5	13.5	33.0	169	41.00	112.18	153.18	373.62	7.64	0.86	8.50	111.23	0.71	0.03	0.74	103.56	1.34E-04	4.27E-05	1.77E-04	1.32E+02
	18	19.5	11.8	31.3	160	41.00	108.78	149.78	365.32	7.64	0.73	8.37	109.60	0.71	0.02	0.73	103.19	1.34E-04	3.62E-05	1.70E-04	1.27E+02
	19.5	19.5	10.9	30.4	156	41.00	106.99	147.99	360.95	7.64	0.67	8.31	108.83	0.71	0.02	0.73	102.97	1.34E-04	3.32E-05	1.67E-04	1.25E+02
	21	19.5	9.5	29.0	149	41.00	102.63	143.63	350.31	7.64	0.58	8.22	107.63	0.71	0.02	0.73	102.69	1.34E-04	2.85E-05	1.63E-04	1.21E+02
	22.5	19.5	8.8	28.3	145	41.00	100.90	141.90	346.11	7.64	0.53	8.17	106.98	0.71	0.02	0.73	102.48	1.34E-04	2.60E-05	1.60E-04	1.19E+02
	24	19.5	7.8	27.3	140	41.00	96.03	137.03	334.22	7.64	0.47	8.11	106.10	0.71	0.02	0.73	102.28	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	25.5	19.5	7.0	26.6	136	41.00	97.47	138.47	337.72	7.64	0.42	8.06	105.52	0.71	0.01	0.72	102.10	1.34E-04	2.04E-05	1.54E-04	1.15E+02
	27	19.5	6.4	25.9	133	41.00	91.14	132.14	322.30	7.64	0.38	8.02	104.95	0.71	0.01	0.72	101.94	1.34E-04	1.81E-05	1.52E-04	1.14E+02
	28.5	19.5	5.8	25.3	130	41.00	93.03	134.03	326.90	7.64	0.34	7.98	104.47	0.71	0.01	0.72	101.79	1.34E-04	1.63E-05	1.50E-04	1.12E+02
	30	19.5	5.3	24.8	127	41.00	85.19	126.19	307.79	7.64	0.31	7.95	104.04	0.71	0.01	0.72	101.66	1.34E-04	1.47E-05	1.49E-04	1.11E+02
	31.5	19.5	4.8	24.3	125	41.00	85.75	126.75	309.14	7.64	0.28	7.92	103.67	0.71	0.01	0.72	101.54	1.34E-04	1.33E-05	1.47E-04	1.10E+02
	33	19.5	4.4	23.9	122	41.00	76.48	117.48	286.53	7.64	0.26	7.90	103.34	0.71	0.01	0.72	101.44	1.34E-04	1.20E-05	1.46E-04	1.09E+02
	34.5	19.5	4.0	23.5	121	41.00	77.38	118.38	288.72	7.64	0.23	7.87	103.05	0.71	0.01	0.72	101.34	1.34E-04	1.09E-05	1.45E-04	1.08E+02
	36	19.5	3.7	23.2	119	41.00	71.01	112.01	273.21	7.64	0.21	7.85	102.79	0.71	0.01	0.72	101.26	1.34E-04	9.99E-06	1.44E-04	1.07E+02
	37.5	19.5	3.4	22.9	118	41.00	71.99	112.99	275.58	7.64	0.20	7.84	102.57	0.71	0.01	0.72	101.18	1.34E-04	9.15E-06	1.43E-04	1.07E+02
	39	19.5	3.2	22.7	116	41.00	65.25	106.25	259.15	7.64	0.18	7.82	102.37	0.71	0.01	0.72	101.11	1.34E-04	8.41E-06	1.42E-04	1.06E+02
	40.5	19.5	2.9	22.5	115	41.00	67.85	108.85	265.48	7.64	0.17	7.81	102.19	0.71	0.01	0.72	101.04	1.34E-04	7.75E-06	1.42E-04	1.06E+02
	42	19.5	2.7	22.3	114	41.00	60.28	101.28	247.02	7.64	0.16	7.80	102.03	0.71	0.01	0.72	100.98	1.34E-04	7.17E-06	1.41E-04	1.05E+02
	43.5	19.5	2.6	22.1	113	41.00	60.85	101.85	248.42	7.64	0.14	7.78	101.89	0.71	0.01	0.72	100.93	1.34E-04	6.65E-06	1.41E-04	1.05E+02
	45	19.5	2.4	21.9	112	41.00	54.23	95.23	232.26	7.64	0.14	7.78	101.77	0.71	0.01	0.72	100.88	1.34E-04	6.18E-06	1.40E-04	1.05E+02
	46.5	19.5	2.3	21.8	112	41.00	53.98	94.98	231.67	7.64	0.13	7.77	101.65	0.71	0.01	0.72	100.83	1.34E-04	5.77E-06	1.40E-04	1.04E+02
	48	19.5	2.1	21.6	111	41.00	48.99	89.99	219.49	7.64	0.12	7.76	101.55	0.71	0.01	0.72	100.79	1.34E-04	5.39E-06	1.39E-04	1.04E+02
	49.5	19.5	2.0	21.5	110	41.00	50.01	91.01	221.97	7.64	0.11	7.75	101.46	0.71	0.01	0.72	100.75	1.34E-04	5.06E-06	1.39E-04	1.04E+02
	51	19.5	1.9	21.4	110	41.00	43.81	84.81	206.85	7.64	0.11	7.75	101.38	0.71	0.01	0.71	100.71	1.34E-04	4.75E-06	1.39E-04	1.04E+02
	52.5	19.5	1.8	21.3	109	41.00	46.71	87.71	213.93	7.64	0.10	7.74	101.30	0.71	0.00	0.71	100.67	1.34E-04	4.47E-06	1.38E-04	1.03E+02
	54	19.5	1.7	21.2	109	41.00	39.99	80.99	197.55	7.64	0.09	7.73	101.23	0.71	0.00	0.71	100.64	1.34E-04	4.21E-06	1.38E-04	1.03E+02
	55.5	19.5	1.6	21.1	108	41.00	43.61	84.61	206.36	7.64	0.09	7.73	101.17	0.71	0.00	0.71	100.61	1.34E-04	3.98E-06	1.38E-04	1.03E+02
	57	19.5	1.5	21.1	108	41.00	38.12	79.12	192.98	7.64	0.08	7.72	101.11	0.71	0.00	0.71	100.58	1.34E-04	3.77E-06	1.38E-04	1.03E+02
	58.5	19.5	1.5	21.0	108	41.00	41.14	82.14	200.33	7.64	0.08	7.72	101.06	0.71	0.00	0.71	100.56	1.34E-04	3.58E-06	1.38E-04	1.03E+02
	60	19.5	1.4	20.9	107	41.00	35.49	76.49	186.56	7.64	0.08	7.72	101.01	0.71	0.00	0.71	100.53	1.34E-04	3.41E-06	1.37E-04	1.03E+02
	61.5	19.5	1.3	20.9	107	41.00	39.16	80.16	195.52	7.64	0.07	7.71	100.96	0.71	0.00	0.71	100.51	1.34E-04	3.24E-06	1.37E-04	1.02E+02
	63	19.5	1.3	20.8	107	41.00	33.73	74.73	182.28	7.64	0.07	7.71	100.92	0.71	0.00	0.71	100.49	1.34E-04	3.09E-06	1.37E-04	1.02E+02
	64.5	19.5	1.2	20.8	106	41.00	37.61	78.61	191.74	7.64	0.07	7.71	100.88	0.71	0.00	0.71	100.47	1.34E-04	2.96E-06	1.37E-04	1.02E+02
	66	19.5	1.2	20.7	106	41.00	33.33	74.33	181.29	7.64	0.06	7.70	100.84	0.71	0.00	0.71	100.45	1.34E-04	2.83E-06	1.37E-04	1.02E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	67.5	19.5	1.1	20.7	106	41.00	36.57	77.57	189.20	7.64	0.06	7.70	100.81	0.71	0.00	0.71	100.44	1.34E-04	2.71E-06	1.37E-04	1.02E+02
	69	19.5	1.1	20.6	106	41.00	32.20	73.20	178.53	7.64	0.06	7.70	100.78	0.71	0.00	0.71	100.42	1.34E-04	2.59E-06	1.37E-04	1.02E+02
	70.5	19.5	1.1	20.6	105	41.00	34.97	75.97	185.29	7.64	0.06	7.70	100.75	0.71	0.00	0.71	100.41	1.34E-04	2.49E-06	1.36E-04	1.02E+02
	72	19.5	1.0	20.5	105	41.00	31.51	72.51	176.84	7.64	0.06	7.70	100.72	0.71	0.00	0.71	100.39	1.34E-04	2.39E-06	1.36E-04	1.02E+02
	73.5	19.5	1.0	20.5	105	41.00	33.55	74.55	181.83	7.64	0.05	7.69	100.70	0.71	0.00	0.71	100.38	1.34E-04	2.30E-06	1.36E-04	1.02E+02
	75	19.5	1.0	20.5	105	41.00	30.41	71.41	174.17	7.64	0.05	7.69	100.67	0.71	0.00	0.71	100.37	1.34E-04	2.21E-06	1.36E-04	1.02E+02
	76.5	19.5	0.9	20.4	105	41.00	32.61	73.61	179.54	7.64	0.05	7.69	100.65	0.71	0.00	0.71	100.36	1.34E-04	2.13E-06	1.36E-04	1.02E+02
	78	19.5	0.9	20.4	105	41.00	29.38	70.38	171.67	7.64	0.05	7.69	100.63	0.71	0.00	0.71	100.35	1.34E-04	2.06E-06	1.36E-04	1.02E+02
	79.5	19.5	0.9	20.4	104	41.00	31.70	72.70	177.31	7.64	0.05	7.69	100.61	0.71	0.00	0.71	100.34	1.34E-04	1.99E-06	1.36E-04	1.01E+02
	81	19.5	0.8	20.4	104	41.00	28.53	69.53	169.58	7.64	0.05	7.69	100.59	0.71	0.00	0.71	100.33	1.34E-04	1.92E-06	1.36E-04	1.01E+02
	82.5	19.5	0.8	20.3	104	41.00	30.75	71.75	175.01	7.64	0.04	7.68	100.57	0.71	0.00	0.71	100.32	1.34E-04	1.86E-06	1.36E-04	1.01E+02
	84	19.5	0.8	20.3	104	41.00	27.94	68.94	168.14	7.64	0.04	7.68	100.56	0.71	0.00	0.71	100.31	1.34E-04	1.81E-06	1.36E-04	1.01E+02
	85.5	19.5	0.8	20.3	104	41.00	29.92	70.92	172.97	7.64	0.04	7.68	100.54	0.71	0.00	0.71	100.30	1.34E-04	1.75E-06	1.36E-04	1.01E+02
	87	19.5	0.8	20.3	104	41.00	27.19	68.19	166.32	7.64	0.04	7.68	100.53	0.71	0.00	0.71	100.29	1.34E-04	1.70E-06	1.36E-04	1.01E+02
	88.5	19.5	0.7	20.3	104	41.00	28.99	69.99	170.71	7.64	0.04	7.68	100.51	0.71	0.00	0.71	100.29	1.34E-04	1.65E-06	1.36E-04	1.01E+02
	90	19.5	0.7	20.2	104	41.00	26.32	67.32	164.19	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.28	1.34E-04	1.61E-06	1.36E-04	1.01E+02
	91.5	19.5	0.7	20.2	104	41.00	28.25	69.25	168.91	7.64	0.04	7.68	100.48	0.71	0.00	0.71	100.27	1.34E-04	1.56E-06	1.36E-04	1.01E+02
	93	19.5	0.7	20.2	103	41.00	25.61	66.61	162.46	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.27	1.34E-04	1.52E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	103	41.00	27.58	68.58	167.27	7.64	0.04	7.68	100.46	0.71	0.00	0.71	100.26	1.34E-04	1.48E-06	1.35E-04	1.01E+02
	96	19.5	0.6	20.2	103	41.00	24.95	65.95	160.84	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.25	1.34E-04	1.44E-06	1.35E-04	1.01E+02
	97.5	19.5	0.6	20.1	103	41.00	27.03	68.03	165.92	7.64	0.03	7.67	100.44	0.71	0.00	0.71	100.25	1.34E-04	1.40E-06	1.35E-04	1.01E+02
	99	19.5	0.6	20.1	103	41.00	24.36	65.36	159.42	7.64	0.03	7.67	100.43	0.71	0.00	0.71	100.24	1.34E-04	1.37E-06	1.35E-04	1.01E+02
	100.5	19.5	0.6	20.1	103	41.00	26.43	67.43	164.45	7.64	0.03	7.67	100.42	0.71	0.00	0.71	100.24	1.34E-04	1.33E-06	1.35E-04	1.01E+02
	102	19.5	0.6	20.1	103	41.00	23.96	64.96	158.43	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.23	1.34E-04	1.30E-06	1.35E-04	1.01E+02
	103.5	19.5	0.6	20.1	103	41.00	25.73	66.73	162.77	7.64	0.03	7.67	100.40	0.71	0.00	0.71	100.23	1.34E-04	1.27E-06	1.35E-04	1.01E+02
	105	19.5	0.6	20.1	103	41.00	23.67	64.67	157.74	7.64	0.03	7.67	100.39	0.71	0.00	0.71	100.22	1.34E-04	1.24E-06	1.35E-04	1.01E+02
	106.5	19.5	0.5	20.1	103	41.00	25.16	66.16	161.36	7.64	0.03	7.67	100.38	0.71	0.00	0.71	100.22	1.34E-04	1.21E-06	1.35E-04	1.01E+02
	108	19.5	0.5	20.0	103	41.00	23.28	64.28	156.77	7.64	0.03	7.67	100.36	0.71	0.00	0.71	100.21	1.34E-04	1.15E-06	1.35E-04	1.01E+02
	109.5	19.5	0.5	20.0	103	41.00	24.51	65.51	159.79	7.64	0.03	7.67	100.35	0.71	0.00	0.71	100.21	1.34E-04	1.13E-06	1.35E-04	1.01E+02
	111	19.5	0.5	20.0	103	41.00	22.69	63.69	155.33	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.20	1.34E-04	1.10E-06	1.35E-04	1.01E+02
	112.5	19.5	0.5	20.0	103	41.00	24.07	65.07	158.71	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.20	1.34E-04	1.08E-06	1.35E-04	1.01E+02
	114	19.5	0.5	20.0	102	41.00	22.38	63.38	154.59	7.64	0.03	7.67	100.33	0.71	0.00	0.71	100.19	1.34E-04	1.05E-06	1.35E-04	1.01E+02
	115.5	19.5	0.5	20.0	102	41.00	23.54	64.54	157.41	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.19	1.34E-04	1.03E-06	1.35E-04	1.01E+02
	117	19.5	0.5	20.0	102	41.00	21.69	62.69	152.91	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.19	1.34E-04	1.00E-06	1.35E-04	1.01E+02
	118.5	19.5	0.5	20.0	102	41.00	23.04	64.04	156.20	7.64	0.02	7.66	100.31	0.71	0.00	0.71	100.18	1.34E-04	9.84E-07	1.35E-04	1.01E+02
	120	19.5	0.4	20.0	102	41.00	21.30	62.30	151.95	7.64	0.02	7.66	100.30	0.71	0.00	0.71	100.18	1.34E-04	9.59E-07	1.35E-04	1.01E+02
	121.5	19.5	0.4	20.0	102	41.00	22.57	63.57	155.04	7.64	0.02	7.66	100.30	0.71	0.00	0.71	100.18	1.34E-04	9.42E-07	1.35E-04	1.01E+02
	123	19.5	0.4	19.9	102	41.00	20.96	61.96	151.13	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.17	1.34E-04	9.18E-07	1.35E-04	1.01E+02
	124.5	19.5	0.4	19.9	102	41.00	22.19	63.19	154.13	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.17	1.34E-04	9.03E-07	1.35E-04	1.01E+02
BLDG_14	1.5	19.5	10.7	30.2	155	41.00	103.26	144.26	351.84	7.64	0.59	8.23	107.68	0.71	0.03	0.74	104.06	1.34E-04	2.51E-05	1.59E-04	1.19E+02
	3	19.5	10.7	30.2	155	41.00	102.48	143.48	349.95	7.64	0.59	8.23	107.66	0.71	0.03	0.74	104.02	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	6	19.5	10.6	30.1	154	41.00	101.48	142.48	347.51	7.64	0.58	8.22	107.59	0.71	0.03	0.74	103.92	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	9	19.5	10.4	29.9	153	41.00	100.19	141.19	344.37	7.64	0.57	8.21	107.50	0.71	0.03	0.74	103.79	1.34E-04	2.51E-05	1.59E-04	1.19E+02
	12	19.5	10.1	29.6	152	41.00	99.82	140.82	343.45	7.64	0.56	8.20	107.34	0.71	0.03	0.74	103.62	1.34E-04	2.49E-05	1.59E-04	1.19E+02
	13.5	19.5	9.9	29.4	151	41.00	99.20	140.20	341.96	7.64	0.55	8.19	107.25	0.71	0.02	0.73	103.52	1.34E-04	2.47E-05	1.59E-04	1.18E+02
BLDG_27	1.5	19.5	9.7	29.2	150	41.00	95.45	136.45	332.81	7.64	0.47	8.11	106.17	0.71	0.03	0.74	104.22	1.34E-04	1.93E-05	1.53E-04	1.14E+02
	3	19.5	9.5	29.0	149	41.00	94.09	135.09	329.48	7.64	0.47	8.11	106.12	0.71	0.03	0.74	104.11	1.34E-04	1.93E-05	1.53E-04	1.14E+02
	4.5	19.5	9.3	28.9	148	41.00	90.84	131.84	321.56	7.64	0.46	8.10	106.07	0.71	0.03	0.74	103.99	1.34E-04	1.93E-05	1.53E-04	1.14E+02
	6	19.5	8.9	28.4	146	41.00	89.04	130.04	317.16	7.64	0.45	8.09	105.86	0.71	0.03	0.74	103.64	1.34E-04	1.86E-05	1.53E-04	1.14E+02
	7.5	19.5	9.0	28.5	146	41.00	89.02	130.02	317.12	7.64	0.45	8.09	105.92	0.71	0.03	0.74	103.78	1.34E-04	1.88E-05	1.53E-04	1.14E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	9	19.5	8.7	28.2	144	41.00	87.87	128.87	314.32	7.64	0.44	8.08	105.79	0.71	0.02	0.73	103.50	1.34E-04	1.86E-05	1.53E-04	1.14E+02
	10.5	19.5	8.7	28.2	144	41.00	87.65	128.65	313.79	7.64	0.45	8.09	105.83	0.71	0.03	0.74	103.58	1.34E-04	1.88E-05	1.53E-04	1.14E+02
	12	19.5	8.3	27.8	143	41.00	86.86	127.86	311.86	7.64	0.43	8.07	105.69	0.71	0.02	0.73	103.30	1.34E-04	1.85E-05	1.52E-04	1.14E+02
	13.5	19.5	8.2	27.7	142	41.00	86.62	127.62	311.26	7.64	0.44	8.08	105.71	0.71	0.02	0.73	103.34	1.34E-04	1.86E-05	1.53E-04	1.14E+02
	15	19.5	7.9	27.4	141	41.00	86.10	127.10	310.00	7.64	0.42	8.06	105.56	0.71	0.02	0.73	103.08	1.34E-04	1.83E-05	1.52E-04	1.14E+02
	16.5	19.5	7.8	27.3	140	41.00	86.08	127.08	309.94	7.64	0.42	8.06	105.52	0.71	0.02	0.73	103.07	1.34E-04	1.82E-05	1.52E-04	1.14E+02
	18	19.5	7.4	27.0	138	41.00	84.30	125.30	305.60	7.64	0.41	8.05	105.34	0.71	0.02	0.73	102.82	1.34E-04	1.78E-05	1.52E-04	1.13E+02
	19.5	19.5	7.3	26.8	138	41.00	83.77	124.77	304.33	7.64	0.40	8.04	105.28	0.71	0.02	0.73	102.78	1.34E-04	1.77E-05	1.52E-04	1.13E+02
	21	19.5	6.9	26.5	136	41.00	82.51	123.51	301.24	7.64	0.39	8.03	105.06	0.71	0.02	0.73	102.57	1.34E-04	1.71E-05	1.51E-04	1.13E+02
	22.5	19.5	6.8	26.3	135	41.00	80.84	121.84	297.18	7.64	0.38	8.02	104.97	0.71	0.02	0.73	102.50	1.34E-04	1.69E-05	1.51E-04	1.13E+02
	24	19.5	6.5	26.0	133	41.00	79.65	120.65	294.27	7.64	0.36	8.00	104.74	0.71	0.02	0.73	102.32	1.34E-04	1.62E-05	1.50E-04	1.12E+02
	25.5	19.5	6.3	25.8	132	41.00	79.04	120.04	292.78	7.64	0.35	7.99	104.62	0.71	0.02	0.73	102.25	1.34E-04	1.59E-05	1.50E-04	1.12E+02
	27	19.5	5.9	25.5	130	41.00	76.84	117.84	287.41	7.64	0.33	7.97	104.38	0.71	0.01	0.72	102.10	1.34E-04	1.51E-05	1.49E-04	1.11E+02
	28.5	19.5	5.7	25.3	129	41.00	75.92	116.92	285.17	7.64	0.32	7.96	104.25	0.71	0.01	0.72	102.03	1.34E-04	1.47E-05	1.49E-04	1.11E+02
	30	19.5	5.4	24.9	128	41.00	73.57	114.57	279.45	7.64	0.31	7.95	104.00	0.71	0.01	0.72	101.89	1.34E-04	1.39E-05	1.48E-04	1.10E+02
	31.5	19.5	5.2	24.7	127	41.00	72.11	113.11	275.89	7.64	0.29	7.93	103.86	0.71	0.01	0.72	101.83	1.34E-04	1.34E-05	1.47E-04	1.10E+02
	33	19.5	4.9	24.4	125	41.00	68.05	109.05	265.96	7.64	0.28	7.92	103.62	0.71	0.01	0.72	101.71	1.34E-04	1.26E-05	1.47E-04	1.09E+02
	34.5	19.5	4.7	24.2	124	41.00	67.71	108.71	265.14	7.64	0.27	7.91	103.47	0.71	0.01	0.72	101.66	1.34E-04	1.21E-05	1.46E-04	1.09E+02
	36	19.5	4.4	23.9	122	41.00	63.81	104.81	255.65	7.64	0.25	7.89	103.25	0.71	0.01	0.72	101.55	1.34E-04	1.13E-05	1.45E-04	1.08E+02
	37.5	19.5	4.2	23.7	121	41.00	63.54	104.54	254.98	7.64	0.24	7.88	103.11	0.71	0.01	0.72	101.50	1.34E-04	1.08E-05	1.45E-04	1.08E+02
	39	19.5	3.9	23.4	120	41.00	63.28	104.28	254.34	7.64	0.22	7.86	102.91	0.71	0.01	0.72	101.41	1.34E-04	1.01E-05	1.44E-04	1.08E+02
	40.5	19.5	3.7	23.3	119	41.00	61.26	102.26	249.42	7.64	0.21	7.85	102.78	0.71	0.01	0.72	101.36	1.34E-04	9.67E-06	1.44E-04	1.07E+02
	42	19.5	3.5	23.0	118	41.00	59.50	100.50	245.12	7.64	0.20	7.84	102.59	0.71	0.01	0.72	101.27	1.34E-04	9.03E-06	1.43E-04	1.07E+02
	43.5	19.5	3.4	22.9	117	41.00	56.89	97.89	238.77	7.64	0.19	7.83	102.48	0.71	0.01	0.72	101.23	1.34E-04	8.61E-06	1.43E-04	1.06E+02
	45	19.5	3.2	22.7	116	41.00	53.76	94.76	231.12	7.64	0.18	7.82	102.32	0.71	0.01	0.72	101.15	1.34E-04	8.06E-06	1.42E-04	1.06E+02
	46.5	19.5	3.0	22.6	116	41.00	51.50	92.50	225.60	7.64	0.17	7.81	102.22	0.71	0.01	0.72	101.11	1.34E-04	7.69E-06	1.42E-04	1.06E+02
	48	19.5	2.8	22.4	115	41.00	48.27	89.27	217.73	7.64	0.16	7.80	102.08	0.71	0.01	0.72	101.04	1.34E-04	7.20E-06	1.41E-04	1.05E+02
	49.5	19.5	2.7	22.2	114	41.00	46.23	87.23	212.75	7.64	0.15	7.79	101.99	0.71	0.01	0.72	101.00	1.34E-04	6.88E-06	1.41E-04	1.05E+02
	51	19.5	2.6	22.1	113	41.00	41.66	82.66	201.60	7.64	0.14	7.78	101.87	0.71	0.01	0.72	100.94	1.34E-04	6.46E-06	1.40E-04	1.05E+02
	52.5	19.5	2.5	22.0	113	41.00	40.09	81.09	197.78	7.64	0.14	7.78	101.79	0.71	0.01	0.72	100.90	1.34E-04	6.18E-06	1.40E-04	1.05E+02
	54	19.5	2.3	21.8	112	41.00	35.76	76.76	187.23	7.64	0.13	7.77	101.68	0.71	0.01	0.72	100.85	1.34E-04	5.82E-06	1.40E-04	1.04E+02
	55.5	19.5	2.2	21.7	111	41.00	34.51	75.51	184.17	7.64	0.12	7.76	101.62	0.71	0.01	0.72	100.81	1.34E-04	5.58E-06	1.40E-04	1.04E+02
	57	19.5	2.1	21.6	111	41.00	31.47	72.47	176.75	7.64	0.12	7.76	101.53	0.71	0.01	0.72	100.76	1.34E-04	5.27E-06	1.39E-04	1.04E+02
	58.5	19.5	2.0	21.5	110	41.00	30.63	71.63	174.70	7.64	0.11	7.75	101.47	0.71	0.01	0.72	100.73	1.34E-04	5.06E-06	1.39E-04	1.04E+02
	60	19.5	1.9	21.4	110	41.00	27.78	68.78	167.75	7.64	0.11	7.75	101.39	0.71	0.00	0.71	100.69	1.34E-04	4.79E-06	1.39E-04	1.04E+02
	61.5	19.5	1.8	21.4	109	41.00	27.35	68.35	166.71	7.64	0.10	7.74	101.34	0.71	0.00	0.71	100.66	1.34E-04	4.60E-06	1.39E-04	1.03E+02
	63	19.5	1.7	21.3	109	41.00	25.57	66.57	162.36	7.64	0.10	7.74	101.27	0.71	0.00	0.71	100.63	1.34E-04	4.37E-06	1.38E-04	1.03E+02
	64.5	19.5	1.7	21.2	109	41.00	25.44	66.44	162.06	7.64	0.09	7.73	101.23	0.71	0.00	0.71	100.60	1.34E-04	4.21E-06	1.38E-04	1.03E+02
	66	19.5	1.6	21.1	108	41.00	23.06	64.06	156.25	7.64	0.09	7.73	101.16	0.71	0.00	0.71	100.55	1.34E-04	4.00E-06	1.38E-04	1.03E+02
	67.5	19.5	1.5	21.1	108	41.00	22.64	63.64	155.23	7.64	0.09	7.73	101.12	0.71	0.00	0.71	100.54	1.34E-04	3.86E-06	1.38E-04	1.03E+02
	69	19.5	1.5	21.0	107	41.00	21.99	62.99	153.63	7.64	0.08	7.72	101.07	0.71	0.00	0.71	100.50	1.34E-04	3.67E-06	1.38E-04	1.03E+02
	70.5	19.5	1.4	20.9	107	41.00	21.53	62.53	152.52	7.64	0.08	7.72	101.04	0.71	0.00	0.71	100.49	1.34E-04	3.56E-06	1.38E-04	1.03E+02
	72	19.5	1.3	20.9	107	41.00	20.92	61.92	151.02	7.64	0.08	7.72	100.98	0.71	0.00	0.71	100.46	1.34E-04	3.38E-06	1.37E-04	1.03E+02
	73.5	19.5	1.3	20.8	107	41.00	21.22	62.22	151.75	7.64	0.07	7.71	100.96	0.71	0.00	0.71	100.45	1.34E-04	3.28E-06	1.37E-04	1.02E+02
	75	19.5	1.2	20.8	106	41.00	20.61	61.61	150.27	7.64	0.07	7.71	100.91	0.71	0.00	0.71	100.43	1.34E-04	3.12E-06	1.37E-04	1.02E+02
	76.5	19.5	1.2	20.7	106	41.00	20.59	61.59	150.22	7.64	0.07	7.71	100.89	0.71	0.00	0.71	100.42	1.34E-04	3.04E-06	1.37E-04	1.02E+02
BLDG_13	1.5	19.5	10.8	30.3	155	41.00	103.00	144.00	351.21	7.64	0.59	8.23	107.72	0.71	0.03	0.74	104.12	1.34E-04	2.51E-05	1.59E-04	1.19E+02
	3	19.5	10.8	30.3	155	41.00	102.58	143.58	350.21	7.64	0.59	8.23	107.69	0.71	0.03	0.74	104.08	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	6	19.5	10.7	30.2	155	41.00	101.50	142.50	347.57	7.64	0.58	8.22	107.62	0.71	0.03	0.74	103.98	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	9	19.5	10.5	30.0	154	41.00	100.22	141.22	344.43	7.64	0.58	8.22	107.53	0.71	0.03	0.74	103.84	1.34E-04	2.51E-05	1.59E-04	1.19E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	12	19.5	10.2	29.7	152	41.00	99.78	140.78	343.36	7.64	0.56	8.20	107.37	0.71	0.03	0.74	103.65	1.34E-04	2.49E-05	1.59E-04	1.19E+02
	13.5	19.5	10.0	29.5	151	41.00	99.21	140.21	341.98	7.64	0.56	8.20	107.27	0.71	0.03	0.73	103.55	1.34E-04	2.47E-05	1.59E-04	1.18E+02
BLDG_09	1.5	19.5	11.7	31.2	160	41.00	103.27	144.27	351.88	7.64	0.58	8.22	107.53	0.71	0.04	0.75	105.06	1.34E-04	2.19E-05	1.56E-04	1.16E+02
	3	19.5	11.4	30.9	158	41.00	99.20	140.20	341.96	7.64	0.56	8.20	107.38	0.71	0.03	0.74	104.86	1.34E-04	2.19E-05	1.56E-04	1.16E+02
	6	19.5	11.2	30.7	157	41.00	97.73	138.73	338.36	7.64	0.56	8.20	107.29	0.71	0.03	0.74	104.72	1.34E-04	2.19E-05	1.56E-04	1.16E+02
	9	19.5	10.8	30.3	155	41.00	94.64	135.64	330.84	7.64	0.55	8.19	107.14	0.71	0.03	0.74	104.47	1.34E-04	2.18E-05	1.56E-04	1.16E+02
	12	19.5	10.3	29.8	153	41.00	93.55	134.55	328.18	7.64	0.53	8.17	106.92	0.71	0.03	0.74	104.18	1.34E-04	2.16E-05	1.56E-04	1.16E+02
	13.5	19.5	10.0	29.5	151	41.00	93.46	134.46	327.95	7.64	0.52	8.16	106.78	0.71	0.03	0.74	104.01	1.34E-04	2.14E-05	1.55E-04	1.16E+02
BLDG_15	1.5	19.5	11.2	30.7	157	41.00	101.81	142.81	348.32	7.64	0.56	8.20	107.28	0.71	0.03	0.74	104.77	1.34E-04	2.17E-05	1.56E-04	1.16E+02
	3	19.5	11.0	30.5	156	41.00	98.22	139.22	339.57	7.64	0.55	8.19	107.16	0.71	0.03	0.74	104.62	1.34E-04	2.17E-05	1.56E-04	1.16E+02
	6	19.5	10.7	30.2	155	41.00	97.22	138.22	337.12	7.64	0.54	8.18	107.07	0.71	0.03	0.74	104.46	1.34E-04	2.17E-05	1.56E-04	1.16E+02
	9	19.5	10.4	29.9	153	41.00	94.26	135.26	329.90	7.64	0.53	8.17	106.93	0.71	0.03	0.74	104.23	1.34E-04	2.17E-05	1.56E-04	1.16E+02
	12	19.5	9.9	29.4	151	41.00	93.25	134.25	327.44	7.64	0.52	8.16	106.74	0.71	0.03	0.74	103.96	1.34E-04	2.15E-05	1.55E-04	1.16E+02
	13.5	19.5	9.6	29.2	149	41.00	93.11	134.11	327.11	7.64	0.51	8.15	106.63	0.71	0.03	0.74	103.81	1.34E-04	2.13E-05	1.55E-04	1.16E+02
BLDG_12	1.5	19.5	10.9	30.4	156	41.00	103.19	144.19	351.67	7.64	0.59	8.23	107.77	0.71	0.03	0.74	104.21	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	3	19.5	10.9	30.4	156	41.00	102.69	143.69	350.46	7.64	0.59	8.23	107.74	0.71	0.03	0.74	104.16	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	6	19.5	10.8	30.3	155	41.00	101.67	142.67	347.98	7.64	0.59	8.23	107.66	0.71	0.03	0.74	104.06	1.34E-04	2.53E-05	1.59E-04	1.19E+02
	9	19.5	10.6	30.1	154	41.00	100.27	141.27	344.55	7.64	0.58	8.22	107.56	0.71	0.03	0.74	103.92	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	12	19.5	10.3	29.8	153	41.00	99.81	140.81	343.44	7.64	0.57	8.21	107.40	0.71	0.03	0.74	103.73	1.34E-04	2.49E-05	1.59E-04	1.19E+02
	13.5	19.5	10.1	29.6	152	41.00	99.25	140.25	342.08	7.64	0.56	8.20	107.29	0.71	0.03	0.74	103.61	1.34E-04	2.47E-05	1.59E-04	1.18E+02
BLDG_06	1.5	19.5	14.0	33.5	172	41.00	110.48	151.48	369.47	7.64	0.85	8.49	111.09	0.71	0.03	0.74	104.48	1.34E-04	4.01E-05	1.74E-04	1.30E+02
	3	19.5	13.9	33.4	171	41.00	110.43	151.43	369.34	7.64	0.85	8.49	111.06	0.71	0.03	0.74	104.44	1.34E-04	4.01E-05	1.74E-04	1.30E+02
	4.5	19.5	13.8	33.4	171	41.00	110.34	151.34	369.12	7.64	0.84	8.48	111.00	0.71	0.03	0.74	104.40	1.34E-04	3.99E-05	1.74E-04	1.30E+02
	7.5	19.5	13.4	32.9	169	41.00	109.84	150.84	367.89	7.64	0.81	8.45	110.63	0.71	0.03	0.74	104.25	1.34E-04	3.86E-05	1.73E-04	1.29E+02
	10.5	19.5	12.8	32.4	166	41.00	109.13	150.13	366.16	7.64	0.78	8.42	110.18	0.71	0.03	0.74	104.04	1.34E-04	3.71E-05	1.71E-04	1.28E+02
	13.5	19.5	12.1	31.6	162	41.00	107.39	148.39	361.92	7.64	0.73	8.37	109.49	0.71	0.03	0.74	103.76	1.34E-04	3.46E-05	1.69E-04	1.26E+02
	16.5	19.5	10.9	30.4	156	41.00	102.49	143.49	349.99	7.64	0.65	8.29	108.52	0.71	0.02	0.73	103.39	1.34E-04	3.11E-05	1.65E-04	1.23E+02
	19.5	19.5	9.7	29.2	150	41.00	95.57	136.57	333.09	7.64	0.57	8.21	107.49	0.71	0.02	0.73	103.02	1.34E-04	2.73E-05	1.61E-04	1.20E+02
	22.5	19.5	8.4	27.9	143	41.00	91.29	132.29	322.66	7.64	0.49	8.13	106.43	0.71	0.02	0.73	102.65	1.34E-04	2.33E-05	1.57E-04	1.17E+02
	25.5	19.5	7.1	26.6	137	41.00	81.27	122.27	298.22	7.64	0.42	8.06	105.44	0.71	0.02	0.73	102.32	1.34E-04	1.96E-05	1.54E-04	1.15E+02
	28.5	19.5	6.1	25.6	131	41.00	77.45	118.45	288.91	7.64	0.35	7.99	104.59	0.71	0.01	0.72	102.04	1.34E-04	1.64E-05	1.50E-04	1.12E+02
	31.5	19.5	5.2	24.8	127	41.00	75.15	116.15	283.28	7.64	0.30	7.94	103.91	0.71	0.01	0.72	101.80	1.34E-04	1.39E-05	1.48E-04	1.10E+02
	34.5	19.5	4.5	24.1	123	41.00	70.35	111.35	271.59	7.64	0.26	7.90	103.34	0.71	0.01	0.72	101.59	1.34E-04	1.18E-05	1.46E-04	1.09E+02
	37.5	19.5	3.9	23.5	120	41.00	64.66	105.66	257.72	7.64	0.22	7.86	102.89	0.71	0.01	0.72	101.42	1.34E-04	1.01E-05	1.44E-04	1.08E+02
	40.5	19.5	3.5	23.0	118	41.00	60.26	101.26	246.97	7.64	0.19	7.83	102.51	0.71	0.01	0.72	101.27	1.34E-04	8.69E-06	1.43E-04	1.06E+02
	43.5	19.5	3.0	22.6	116	41.00	55.64	96.64	235.70	7.64	0.17	7.81	102.19	0.71	0.01	0.72	101.13	1.34E-04	7.52E-06	1.42E-04	1.06E+02
	46.5	19.5	2.7	22.2	114	41.00	49.65	90.65	221.10	7.64	0.15	7.79	101.93	0.71	0.01	0.72	101.01	1.34E-04	6.56E-06	1.41E-04	1.05E+02
	49.5	19.5	2.4	21.9	112	41.00	42.15	83.15	202.79	7.64	0.13	7.77	101.71	0.71	0.01	0.72	100.91	1.34E-04	5.76E-06	1.40E-04	1.04E+02
	52.5	19.5	2.1	21.6	111	41.00	34.90	75.90	185.13	7.64	0.12	7.76	101.52	0.71	0.01	0.72	100.81	1.34E-04	5.09E-06	1.39E-04	1.04E+02
	55.5	19.5	1.9	21.4	110	41.00	30.71	71.71	174.89	7.64	0.10	7.74	101.36	0.71	0.01	0.72	100.73	1.34E-04	4.54E-06	1.39E-04	1.03E+02
	58.5	19.5	1.7	21.2	109	41.00	28.97	69.97	170.65	7.64	0.09	7.73	101.22	0.71	0.00	0.71	100.66	1.34E-04	4.08E-06	1.38E-04	1.03E+02
	61.5	19.5	1.6	21.1	108	41.00	26.45	67.45	164.52	7.64	0.08	7.72	101.11	0.71	0.00	0.71	100.60	1.34E-04	3.69E-06	1.38E-04	1.03E+02
	64.5	19.5	1.4	20.9	107	41.00	26.02	67.02	163.46	7.64	0.08	7.72	101.01	0.71	0.00	0.71	100.55	1.34E-04	3.36E-06	1.37E-04	1.03E+02
	67.5	19.5	1.3	20.8	107	41.00	25.61	66.61	162.47	7.64	0.07	7.71	100.92	0.71	0.00	0.71	100.51	1.34E-04	3.07E-06	1.37E-04	1.02E+02
	70.5	19.5	1.2	20.7	106	41.00	25.18	66.18	161.42	7.64	0.07	7.71	100.85	0.71	0.00	0.71	100.47	1.34E-04	2.82E-06	1.37E-04	1.02E+02
	73.5	19.5	1.1	20.6	106	41.00	24.37	65.37	159.43	7.64	0.06	7.70	100.79	0.71	0.00	0.71	100.44	1.34E-04	2.60E-06	1.37E-04	1.02E+02
	76.5	19.5	1.0	20.6	105	41.00	24.10	65.10	158.77	7.64	0.06	7.70	100.73	0.71	0.00	0.71	100.42	1.34E-04	2.41E-06	1.36E-04	1.02E+02
	79.5	19.5	1.0	20.5	105	41.00	23.85	64.85	158.18	7.64	0.05	7.69	100.68	0.71	0.00	0.71	100.39	1.34E-04	2.24E-06	1.36E-04	1.02E+02
	82.5	19.5	0.9	20.4	105	41.00	23.63	64.63	157.64	7.64	0.05	7.69	100.64	0.71	0.00	0.71	100.37	1.34E-04	2.09E-06	1.36E-04	1.02E+02
	85.5	19.5	0.9	20.4	104	41.00	23.12	64.12	156.38	7.64	0.05	7.69	100.60	0.71	0.00	0.71	100.35	1.34E-04	1.95E-06	1.36E-04	1.01E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	88.5	19.5	0.8	20.3	104	41.00	22.69	63.69	155.35	7.64	0.04	7.68	100.56	0.71	0.00	0.71	100.33	1.34E-04	1.83E-06	1.36E-04	1.01E+02
	91.5	19.5	0.8	20.3	104	41.00	22.15	63.15	154.01	7.64	0.04	7.68	100.53	0.71	0.00	0.71	100.32	1.34E-04	1.72E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	104	41.00	21.90	62.90	153.40	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.30	1.34E-04	1.61E-06	1.36E-04	1.01E+02
	97.5	19.5	0.7	20.2	104	41.00	21.64	62.64	152.79	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.29	1.34E-04	1.52E-06	1.36E-04	1.01E+02
	100.5	19.5	0.7	20.2	103	41.00	21.64	62.64	152.77	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.28	1.34E-04	1.44E-06	1.35E-04	1.01E+02
	103.5	19.5	0.6	20.1	103	41.00	21.26	62.26	151.86	7.64	0.03	7.67	100.43	0.71	0.00	0.71	100.26	1.34E-04	1.36E-06	1.35E-04	1.01E+02
	106.5	19.5	0.6	20.1	103	41.00	20.98	61.98	151.16	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.26	1.34E-04	1.29E-06	1.35E-04	1.01E+02
	109.5	19.5	0.6	20.1	103	41.00	20.79	61.79	150.71	7.64	0.03	7.67	100.39	0.71	0.00	0.71	100.24	1.34E-04	1.23E-06	1.35E-04	1.01E+02
	112.5	19.5	0.5	20.1	103	41.00	20.43	61.43	149.82	7.64	0.03	7.67	100.37	0.71	0.00	0.71	100.24	1.34E-04	1.17E-06	1.35E-04	1.01E+02
	115.5	19.5	0.5	20.0	103	41.00	19.81	60.81	148.31	7.64	0.03	7.67	100.36	0.71	0.00	0.71	100.23	1.34E-04	1.12E-06	1.35E-04	1.01E+02
	118.5	19.5	0.5	20.0	103	41.00	19.32	60.32	147.12	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.22	1.34E-04	1.08E-06	1.35E-04	1.01E+02
	121.5	19.5	0.5	20.0	102	41.00	19.00	60.00	146.34	7.64	0.03	7.67	100.33	0.71	0.00	0.71	100.21	1.34E-04	1.03E-06	1.35E-04	1.01E+02
	124.5	19.5	0.5	20.0	102	41.00	18.86	59.86	146.01	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.20	1.34E-04	9.90E-07	1.35E-04	1.01E+02
BLDG_10	1.5	19.5	11.1	30.6	157	41.00	103.31	144.31	351.98	7.64	0.60	8.24	107.82	0.71	0.03	0.74	104.33	1.34E-04	2.53E-05	1.59E-04	1.19E+02
	3	19.5	11.0	30.6	157	41.00	102.79	143.79	350.71	7.64	0.60	8.24	107.80	0.71	0.03	0.74	104.29	1.34E-04	2.53E-05	1.59E-04	1.19E+02
	6	19.5	10.9	30.4	156	41.00	101.70	142.70	348.06	7.64	0.59	8.23	107.71	0.71	0.03	0.74	104.18	1.34E-04	2.53E-05	1.59E-04	1.19E+02
	9	19.5	10.7	30.2	155	41.00	100.48	141.48	345.07	7.64	0.58	8.22	107.59	0.71	0.03	0.74	104.03	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	12	19.5	10.3	29.8	153	41.00	99.75	140.75	343.29	7.64	0.57	8.21	107.42	0.71	0.03	0.74	103.82	1.34E-04	2.49E-05	1.59E-04	1.19E+02
	13.5	19.5	10.1	29.6	152	41.00	100.77	141.77	345.79	7.64	0.56	8.20	107.32	0.71	0.03	0.74	103.70	1.34E-04	2.47E-05	1.59E-04	1.18E+02
BLDG_20	1.5	19.5	27.3	46.8	240	41.00	130.59	171.59	418.50	7.64	1.97	9.61	125.77	0.71	0.05	0.76	107.22	1.34E-04	1.00E-04	2.34E-04	1.75E+02
	3	19.5	27.4	46.9	240	41.00	130.84	171.84	419.13	7.64	1.98	9.62	125.90	0.71	0.05	0.76	107.24	1.34E-04	1.01E-04	2.35E-04	1.75E+02
	6	19.5	26.9	46.4	238	41.00	129.73	170.73	416.42	7.64	1.94	9.58	125.35	0.71	0.05	0.76	107.07	1.34E-04	9.88E-05	2.33E-04	1.74E+02
	7.5	19.5	19.7	39.2	201	41.00	118.43	159.43	388.86	7.64	1.32	8.96	117.30	0.71	0.04	0.75	105.19	1.34E-04	6.65E-05	2.00E-04	1.50E+02
	9	19.5	25.6	45.1	231	41.00	127.43	168.43	410.81	7.64	1.82	9.46	123.79	0.71	0.05	0.76	106.67	1.34E-04	9.26E-05	2.27E-04	1.69E+02
	10.5	19.5	23.4	42.9	220	41.00	122.36	163.36	398.44	7.64	1.62	9.26	121.20	0.71	0.04	0.75	106.00	1.34E-04	8.23E-05	2.16E-04	1.61E+02
	12	19.5	17.0	36.5	187	41.00	114.43	155.43	379.10	7.64	1.11	8.75	114.48	0.71	0.03	0.74	104.45	1.34E-04	5.53E-05	1.89E-04	1.41E+02
	13.5	19.5	18.4	37.9	194	41.00	116.68	157.68	384.58	7.64	1.21	8.85	115.83	0.71	0.03	0.74	104.71	1.34E-04	6.09E-05	1.95E-04	1.45E+02
	15	19.5	14.6	34.1	175	41.00	111.76	152.76	372.58	7.64	0.93	8.57	112.17	0.71	0.03	0.74	103.83	1.34E-04	4.63E-05	1.80E-04	1.35E+02
	16.5	19.5	14.5	34.1	174	41.00	112.73	153.73	374.94	7.64	0.93	8.57	112.14	0.71	0.03	0.74	103.77	1.34E-04	4.63E-05	1.80E-04	1.35E+02
	18	19.5	12.3	31.8	163	41.00	109.64	150.64	367.42	7.64	0.77	8.41	110.02	0.71	0.02	0.73	103.26	1.34E-04	3.79E-05	1.72E-04	1.28E+02
	19.5	19.5	11.5	31.0	159	41.00	109.03	150.03	365.93	7.64	0.72	8.36	109.43	0.71	0.02	0.73	103.07	1.34E-04	3.57E-05	1.70E-04	1.27E+02
	21	19.5	9.9	29.5	151	41.00	104.00	145.00	353.66	7.64	0.61	8.25	108.01	0.71	0.02	0.73	102.72	1.34E-04	3.00E-05	1.64E-04	1.22E+02
	22.5	19.5	9.2	28.8	147	41.00	103.20	144.20	351.70	7.64	0.57	8.21	107.41	0.71	0.02	0.73	102.55	1.34E-04	2.77E-05	1.62E-04	1.21E+02
	24	19.5	8.0	27.5	141	41.00	98.17	139.17	339.45	7.64	0.49	8.13	106.35	0.71	0.02	0.73	102.28	1.34E-04	2.36E-05	1.58E-04	1.18E+02
	25.5	19.5	7.5	27.0	138	41.00	98.26	139.26	339.66	7.64	0.45	8.09	105.88	0.71	0.02	0.72	102.13	1.34E-04	2.18E-05	1.56E-04	1.16E+02
	27	19.5	6.5	26.0	133	41.00	93.81	134.81	328.82	7.64	0.39	8.03	105.10	0.71	0.01	0.72	101.92	1.34E-04	1.88E-05	1.53E-04	1.14E+02
	28.5	19.5	6.1	25.6	131	41.00	94.57	135.57	330.65	7.64	0.36	8.00	104.74	0.71	0.01	0.72	101.81	1.34E-04	1.74E-05	1.51E-04	1.13E+02
	30	19.5	5.3	24.9	127	41.00	86.87	127.87	311.88	7.64	0.32	7.96	104.13	0.71	0.01	0.72	101.63	1.34E-04	1.51E-05	1.49E-04	1.11E+02
	31.5	19.5	5.0	24.5	126	41.00	87.62	128.62	313.72	7.64	0.30	7.94	103.86	0.71	0.01	0.72	101.54	1.34E-04	1.41E-05	1.48E-04	1.10E+02
	33	19.5	4.4	23.9	123	41.00	78.72	119.72	292.01	7.64	0.26	7.90	103.39	0.71	0.01	0.72	101.40	1.34E-04	1.23E-05	1.46E-04	1.09E+02
	34.5	19.5	4.2	23.7	121	41.00	79.58	120.58	294.09	7.64	0.24	7.88	103.19	0.71	0.01	0.72	101.33	1.34E-04	1.15E-05	1.46E-04	1.09E+02
	36	19.5	3.7	23.2	119	41.00	72.33	113.33	276.43	7.64	0.22	7.86	102.83	0.71	0.01	0.72	101.22	1.34E-04	1.01E-05	1.44E-04	1.08E+02
	37.5	19.5	3.5	23.1	118	41.00	73.28	114.28	278.74	7.64	0.20	7.84	102.67	0.71	0.01	0.72	101.16	1.34E-04	9.58E-06	1.44E-04	1.07E+02
	39	19.5	3.2	22.7	116	41.00	64.39	105.39	257.05	7.64	0.18	7.82	102.39	0.71	0.01	0.72	101.07	1.34E-04	8.52E-06	1.43E-04	1.06E+02
	40.5	19.5	3.0	22.5	116	41.00	68.74	109.74	267.65	7.64	0.17	7.81	102.27	0.71	0.01	0.72	101.02	1.34E-04	8.09E-06	1.42E-04	1.06E+02
	42	19.5	2.7	22.3	114	41.00	58.84	99.84	243.50	7.64	0.16	7.80	102.05	0.71	0.01	0.72	100.95	1.34E-04	7.26E-06	1.41E-04	1.05E+02
	43.5	19.5	2.6	22.1	113	41.00	63.12	104.12	253.96	7.64	0.15	7.79	101.96	0.71	0.01	0.72	100.90	1.34E-04	6.92E-06	1.41E-04	1.05E+02
	45	19.5	2.4	21.9	112	41.00	54.27	95.27	232.36	7.64	0.14	7.78	101.78	0.71	0.01	0.72	100.84	1.34E-04	6.25E-06	1.40E-04	1.05E+02
	46.5	19.5	2.3	21.8	112	41.00	55.49	96.49	235.34	7.64	0.13	7.77	101.70	0.71	0.01	0.72	100.81	1.34E-04	5.98E-06	1.40E-04	1.04E+02
	48	19.5	2.1	21.6	111	41.00	49.14	90.14	219.86	7.64	0.12	7.76	101.56	0.71	0.01	0.72	100.76	1.34E-04	5.44E-06	1.39E-04	1.04E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	49.5	19.5	2.0	21.6	110	41.00	49.67	90.67	221.15	7.64	0.11	7.75	101.50	0.71	0.01	0.71	100.73	1.34E-04	5.23E-06	1.39E-04	1.04E+02
	51	19.5	1.9	21.4	110	41.00	44.11	85.11	207.58	7.64	0.11	7.75	101.38	0.71	0.00	0.71	100.68	1.34E-04	4.79E-06	1.39E-04	1.04E+02
	52.5	19.5	1.8	21.3	109	41.00	46.07	87.07	212.37	7.64	0.10	7.74	101.33	0.71	0.00	0.71	100.66	1.34E-04	4.61E-06	1.39E-04	1.03E+02
	54	19.5	1.7	21.2	109	41.00	41.48	82.48	201.16	7.64	0.09	7.73	101.23	0.71	0.00	0.71	100.62	1.34E-04	4.24E-06	1.38E-04	1.03E+02
	55.5	19.5	1.6	21.2	108	41.00	42.95	83.95	204.75	7.64	0.09	7.73	101.19	0.71	0.00	0.71	100.60	1.34E-04	4.10E-06	1.38E-04	1.03E+02
	57	19.5	1.5	21.1	108	41.00	39.48	80.48	196.29	7.64	0.08	7.72	101.11	0.71	0.00	0.71	100.57	1.34E-04	3.79E-06	1.38E-04	1.03E+02
	58.5	19.5	1.5	21.0	108	41.00	40.58	81.58	198.98	7.64	0.08	7.72	101.07	0.71	0.00	0.71	100.55	1.34E-04	3.67E-06	1.38E-04	1.03E+02
	60	19.5	1.4	20.9	107	41.00	36.26	77.26	188.44	7.64	0.08	7.72	101.00	0.71	0.00	0.71	100.52	1.34E-04	3.40E-06	1.37E-04	1.03E+02
	61.5	19.5	1.4	20.9	107	41.00	38.37	79.37	193.58	7.64	0.07	7.71	100.98	0.71	0.00	0.71	100.50	1.34E-04	3.30E-06	1.37E-04	1.02E+02
	63	19.5	1.3	20.8	107	41.00	33.63	74.63	182.03	7.64	0.07	7.71	100.92	0.71	0.00	0.71	100.48	1.34E-04	3.09E-06	1.37E-04	1.02E+02
	64.5	19.5	1.2	20.8	106	41.00	37.04	78.04	190.33	7.64	0.07	7.71	100.89	0.71	0.00	0.71	100.46	1.34E-04	3.00E-06	1.37E-04	1.02E+02
	66	19.5	1.2	20.7	106	41.00	32.68	73.68	179.71	7.64	0.06	7.70	100.84	0.71	0.00	0.71	100.44	1.34E-04	2.82E-06	1.37E-04	1.02E+02
	67.5	19.5	1.1	20.7	106	41.00	36.23	77.23	188.37	7.64	0.06	7.70	100.82	0.71	0.00	0.71	100.43	1.34E-04	2.74E-06	1.37E-04	1.02E+02
	69	19.5	1.1	20.6	106	41.00	32.31	73.31	178.81	7.64	0.06	7.70	100.78	0.71	0.00	0.71	100.41	1.34E-04	2.58E-06	1.37E-04	1.02E+02
	70.5	19.5	1.1	20.6	105	41.00	33.76	74.76	182.34	7.64	0.06	7.70	100.76	0.71	0.00	0.71	100.40	1.34E-04	2.52E-06	1.37E-04	1.02E+02
	72	19.5	1.0	20.5	105	41.00	31.86	72.86	177.71	7.64	0.05	7.69	100.72	0.71	0.00	0.71	100.38	1.34E-04	2.38E-06	1.36E-04	1.02E+02
	73.5	19.5	1.0	20.5	105	41.00	32.60	73.60	179.52	7.64	0.05	7.69	100.70	0.71	0.00	0.71	100.37	1.34E-04	2.32E-06	1.36E-04	1.02E+02
	75	19.5	1.0	20.5	105	41.00	30.38	71.38	174.10	7.64	0.05	7.69	100.67	0.71	0.00	0.71	100.36	1.34E-04	2.21E-06	1.36E-04	1.02E+02
	76.5	19.5	0.9	20.4	105	41.00	31.33	72.33	176.43	7.64	0.05	7.69	100.65	0.71	0.00	0.71	100.35	1.34E-04	2.15E-06	1.36E-04	1.02E+02
	78	19.5	0.9	20.4	105	41.00	29.17	70.17	171.16	7.64	0.05	7.69	100.63	0.71	0.00	0.71	100.34	1.34E-04	2.06E-06	1.36E-04	1.02E+02
	79.5	19.5	0.9	20.4	104	41.00	30.22	71.22	173.70	7.64	0.05	7.69	100.61	0.71	0.00	0.71	100.33	1.34E-04	2.01E-06	1.36E-04	1.01E+02
	81	19.5	0.8	20.4	104	41.00	28.12	69.12	168.58	7.64	0.04	7.68	100.59	0.71	0.00	0.71	100.32	1.34E-04	1.92E-06	1.36E-04	1.01E+02
	82.5	19.5	0.8	20.3	104	41.00	29.51	70.51	171.97	7.64	0.04	7.68	100.58	0.71	0.00	0.71	100.31	1.34E-04	1.88E-06	1.36E-04	1.01E+02
	84	19.5	0.8	20.3	104	41.00	27.09	68.09	166.07	7.64	0.04	7.68	100.55	0.71	0.00	0.71	100.30	1.34E-04	1.80E-06	1.36E-04	1.01E+02
	85.5	19.5	0.8	20.3	104	41.00	28.81	69.81	170.27	7.64	0.04	7.68	100.54	0.71	0.00	0.71	100.30	1.34E-04	1.77E-06	1.36E-04	1.01E+02
	87	19.5	0.7	20.3	104	41.00	26.26	67.26	164.04	7.64	0.04	7.68	100.52	0.71	0.00	0.71	100.29	1.34E-04	1.70E-06	1.36E-04	1.01E+02
	88.5	19.5	0.7	20.3	104	41.00	27.92	68.92	168.10	7.64	0.04	7.68	100.51	0.71	0.00	0.71	100.28	1.34E-04	1.66E-06	1.36E-04	1.01E+02
	90	19.5	0.7	20.2	104	41.00	25.68	66.68	162.62	7.64	0.04	7.68	100.49	0.71	0.00	0.71	100.27	1.34E-04	1.60E-06	1.36E-04	1.01E+02
	91.5	19.5	0.7	20.2	104	41.00	26.96	67.96	165.76	7.64	0.04	7.68	100.48	0.71	0.00	0.71	100.27	1.34E-04	1.57E-06	1.36E-04	1.01E+02
	93	19.5	0.7	20.2	103	41.00	25.22	66.22	161.51	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.26	1.34E-04	1.51E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	103	41.00	26.32	67.32	164.20	7.64	0.04	7.68	100.46	0.71	0.00	0.71	100.26	1.34E-04	1.49E-06	1.35E-04	1.01E+02
	96	19.5	0.6	20.2	103	41.00	24.76	65.76	160.40	7.64	0.03	7.67	100.44	0.71	0.00	0.71	100.25	1.34E-04	1.43E-06	1.35E-04	1.01E+02
	97.5	19.5	0.6	20.1	103	41.00	25.85	66.85	163.06	7.64	0.03	7.67	100.44	0.71	0.00	0.71	100.25	1.34E-04	1.41E-06	1.35E-04	1.01E+02
	99	19.5	0.6	20.1	103	41.00	24.45	65.45	159.63	7.64	0.03	7.67	100.42	0.71	0.00	0.71	100.24	1.34E-04	1.36E-06	1.35E-04	1.01E+02
	100.5	19.5	0.6	20.1	103	41.00	25.37	66.37	161.88	7.64	0.03	7.67	100.42	0.71	0.00	0.71	100.23	1.34E-04	1.34E-06	1.35E-04	1.01E+02
	102	19.5	0.6	20.1	103	41.00	24.17	65.17	158.95	7.64	0.03	7.67	100.40	0.71	0.00	0.71	100.23	1.34E-04	1.29E-06	1.35E-04	1.01E+02
	103.5	19.5	0.6	20.1	103	41.00	24.96	65.96	160.87	7.64	0.03	7.67	100.40	0.71	0.00	0.71	100.23	1.34E-04	1.27E-06	1.35E-04	1.01E+02
BLDG_05	1.5	19.5	20.4	39.9	205	41.00	119.02	160.02	390.30	7.64	1.36	9.00	117.79	0.71	0.04	0.75	105.75	1.34E-04	6.76E-05	2.02E-04	1.50E+02
	3	19.5	20.4	39.9	204	41.00	118.94	159.94	390.09	7.64	1.36	9.00	117.78	0.71	0.04	0.75	105.73	1.34E-04	6.77E-05	2.02E-04	1.50E+02
	6	19.5	20.1	39.6	203	41.00	118.04	159.04	387.91	7.64	1.33	8.97	117.45	0.71	0.04	0.75	105.60	1.34E-04	6.65E-05	2.00E-04	1.50E+02
	7.5	19.5	17.0	36.5	187	41.00	113.88	154.88	377.76	7.64	1.09	8.73	114.24	0.71	0.04	0.74	104.94	1.34E-04	5.35E-05	1.87E-04	1.40E+02
	9	19.5	18.9	38.5	197	41.00	117.05	158.05	385.48	7.64	1.24	8.88	116.29	0.71	0.04	0.75	105.26	1.34E-04	6.20E-05	1.96E-04	1.46E+02
	10.5	19.5	18.1	37.7	193	41.00	115.61	156.61	381.97	7.64	1.18	8.82	115.46	0.71	0.04	0.75	105.03	1.34E-04	5.88E-05	1.93E-04	1.44E+02
	13.5	19.5	15.2	34.7	178	41.00	110.78	151.78	370.19	7.64	0.96	8.60	112.55	0.71	0.03	0.74	104.29	1.34E-04	4.73E-05	1.81E-04	1.35E+02
	16.5	19.5	13.1	32.6	167	41.00	108.65	149.65	364.99	7.64	0.81	8.45	110.56	0.71	0.03	0.74	103.72	1.34E-04	3.96E-05	1.74E-04	1.30E+02
	19.5	19.5	10.8	30.3	155	41.00	103.94	144.94	353.51	7.64	0.66	8.30	108.58	0.71	0.02	0.73	103.20	1.34E-04	3.19E-05	1.66E-04	1.24E+02
	22.5	19.5	8.9	28.5	146	41.00	96.03	137.03	334.23	7.64	0.53	8.17	106.98	0.71	0.02	0.73	102.74	1.34E-04	2.56E-05	1.60E-04	1.19E+02
	25.5	19.5	7.4	26.9	138	41.00	90.56	131.56	320.89	7.64	0.43	8.07	105.68	0.71	0.02	0.73	102.34	1.34E-04	2.07E-05	1.55E-04	1.15E+02
	28.5	19.5	6.1	25.6	131	41.00	82.24	123.24	300.57	7.64	0.35	7.99	104.64	0.71	0.01	0.72	102.02	1.34E-04	1.67E-05	1.51E-04	1.12E+02
	31.5	19.5	5.1	24.6	126	41.00	75.45	116.45	284.03	7.64	0.29	7.93	103.82	0.71	0.01	0.72	101.75	1.34E-04	1.36E-05	1.48E-04	1.10E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	34.5	19.5	4.3	23.8	122	41.00	69.61	110.61	269.79	7.64	0.24	7.88	103.18	0.71	0.01	0.72	101.53	1.34E-04	1.12E-05	1.45E-04	1.08E+02
	37.5	19.5	3.7	23.2	119	41.00	63.04	104.04	253.76	7.64	0.21	7.85	102.69	0.71	0.01	0.72	101.34	1.34E-04	9.38E-06	1.43E-04	1.07E+02
	40.5	19.5	3.2	22.7	116	41.00	57.13	98.13	239.34	7.64	0.18	7.82	102.31	0.71	0.01	0.72	101.19	1.34E-04	7.93E-06	1.42E-04	1.06E+02
	43.5	19.5	2.8	22.3	114	41.00	52.73	93.73	228.60	7.64	0.15	7.79	102.00	0.71	0.01	0.72	101.06	1.34E-04	6.79E-06	1.41E-04	1.05E+02
	46.5	19.5	2.5	22.0	113	41.00	47.88	88.88	216.78	7.64	0.13	7.77	101.75	0.71	0.01	0.72	100.95	1.34E-04	5.87E-06	1.40E-04	1.04E+02
	49.5	19.5	2.2	21.7	111	41.00	43.94	84.94	207.17	7.64	0.12	7.76	101.54	0.71	0.01	0.72	100.85	1.34E-04	5.13E-06	1.39E-04	1.04E+02
	52.5	19.5	1.9	21.5	110	41.00	39.88	80.88	197.27	7.64	0.10	7.74	101.37	0.71	0.01	0.72	100.77	1.34E-04	4.55E-06	1.39E-04	1.03E+02
	55.5	19.5	1.7	21.3	109	41.00	36.53	77.53	189.11	7.64	0.09	7.73	101.23	0.71	0.00	0.71	100.69	1.34E-04	4.06E-06	1.38E-04	1.03E+02
	58.5	19.5	1.6	21.1	108	41.00	35.34	76.34	186.21	7.64	0.08	7.72	101.11	0.71	0.00	0.71	100.63	1.34E-04	3.65E-06	1.38E-04	1.03E+02
	61.5	19.5	1.4	20.9	107	41.00	34.04	75.04	183.02	7.64	0.08	7.72	101.00	0.71	0.00	0.71	100.57	1.34E-04	3.30E-06	1.37E-04	1.02E+02
	64.5	19.5	1.3	20.8	107	41.00	31.66	72.66	177.22	7.64	0.07	7.71	100.91	0.71	0.00	0.71	100.53	1.34E-04	3.00E-06	1.37E-04	1.02E+02
	67.5	19.5	1.2	20.7	106	41.00	30.39	71.39	174.13	7.64	0.06	7.70	100.84	0.71	0.00	0.71	100.49	1.34E-04	2.75E-06	1.37E-04	1.02E+02
	70.5	19.5	1.1	20.6	106	41.00	29.57	70.57	172.13	7.64	0.06	7.70	100.77	0.71	0.00	0.71	100.46	1.34E-04	2.52E-06	1.37E-04	1.02E+02
	73.5	19.5	1.0	20.6	105	41.00	29.05	70.05	170.85	7.64	0.05	7.69	100.72	0.71	0.00	0.71	100.43	1.34E-04	2.33E-06	1.36E-04	1.02E+02
	76.5	19.5	1.0	20.5	105	41.00	28.53	69.53	169.58	7.64	0.05	7.69	100.67	0.71	0.00	0.71	100.40	1.34E-04	2.16E-06	1.36E-04	1.02E+02
	79.5	19.5	0.9	20.4	105	41.00	28.01	69.01	168.32	7.64	0.05	7.69	100.63	0.71	0.00	0.71	100.38	1.34E-04	2.02E-06	1.36E-04	1.02E+02
	82.5	19.5	0.9	20.4	104	41.00	27.50	68.50	167.06	7.64	0.05	7.69	100.59	0.71	0.00	0.71	100.36	1.34E-04	1.89E-06	1.36E-04	1.01E+02
	85.5	19.5	0.8	20.3	104	41.00	26.90	67.90	165.61	7.64	0.04	7.68	100.56	0.71	0.00	0.71	100.34	1.34E-04	1.78E-06	1.36E-04	1.01E+02
	88.5	19.5	0.8	20.3	104	41.00	26.06	67.06	163.56	7.64	0.04	7.68	100.53	0.71	0.00	0.71	100.32	1.34E-04	1.68E-06	1.36E-04	1.01E+02
	91.5	19.5	0.7	20.3	104	41.00	25.51	66.51	162.22	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.31	1.34E-04	1.59E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	104	41.00	24.82	65.82	160.55	7.64	0.04	7.68	100.48	0.71	0.00	0.71	100.29	1.34E-04	1.50E-06	1.36E-04	1.01E+02
	97.5	19.5	0.7	20.2	103	41.00	24.54	65.54	159.85	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.28	1.34E-04	1.43E-06	1.35E-04	1.01E+02
	100.5	19.5	0.6	20.2	103	41.00	24.26	65.26	159.17	7.64	0.03	7.67	100.43	0.71	0.00	0.71	100.27	1.34E-04	1.36E-06	1.35E-04	1.01E+02
	103.5	19.5	0.6	20.1	103	41.00	23.67	64.67	157.74	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.26	1.34E-04	1.29E-06	1.35E-04	1.01E+02
	106.5	19.5	0.6	20.1	103	41.00	22.97	63.97	156.01	7.64	0.03	7.67	100.39	0.71	0.00	0.71	100.25	1.34E-04	1.23E-06	1.35E-04	1.01E+02
	109.5	19.5	0.6	20.1	103	41.00	22.30	63.30	154.39	7.64	0.03	7.67	100.37	0.71	0.00	0.71	100.24	1.34E-04	1.17E-06	1.35E-04	1.01E+02
	112.5	19.5	0.5	20.0	103	41.00	21.73	62.73	152.99	7.64	0.03	7.67	100.36	0.71	0.00	0.71	100.23	1.34E-04	1.12E-06	1.35E-04	1.01E+02
	115.5	19.5	0.5	20.0	103	41.00	21.21	62.21	151.72	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.22	1.34E-04	1.07E-06	1.35E-04	1.01E+02
	118.5	19.5	0.5	20.0	103	41.00	20.71	61.71	150.52	7.64	0.03	7.67	100.33	0.71	0.00	0.71	100.21	1.34E-04	1.02E-06	1.35E-04	1.01E+02
	121.5	19.5	0.5	20.0	102	41.00	19.99	60.99	148.75	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.20	1.34E-04	9.81E-07	1.35E-04	1.01E+02
	124.5	19.5	0.5	20.0	102	41.00	19.56	60.56	147.70	7.64	0.02	7.66	100.30	0.71	0.00	0.71	100.20	1.34E-04	9.40E-07	1.35E-04	1.01E+02
	127.5	19.5	0.4	20.0	102	41.00	18.86	59.86	145.99	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.19	1.34E-04	9.00E-07	1.35E-04	1.01E+02
	130.5	19.5	0.4	19.9	102	41.00	18.50	59.50	145.12	7.64	0.02	7.66	100.28	0.71	0.00	0.71	100.18	1.34E-04	8.61E-07	1.35E-04	1.01E+02
	133.5	19.5	0.4	19.9	102	41.00	18.29	59.29	144.60	7.64	0.02	7.66	100.27	0.71	0.00	0.71	100.18	1.34E-04	8.26E-07	1.35E-04	1.01E+02
	136.5	19.5	0.4	19.9	102	41.00	18.04	59.04	144.01	7.64	0.02	7.66	100.26	0.71	0.00	0.71	100.17	1.34E-04	7.93E-07	1.35E-04	1.01E+02
	139.5	19.5	0.4	19.9	102	41.00	17.00	58.00	141.47	7.64	0.02	7.66	100.25	0.71	0.00	0.71	100.16	1.34E-04	7.63E-07	1.35E-04	1.01E+02
	142.5	19.5	0.4	19.9	102	41.00	16.34	57.34	139.86	7.64	0.02	7.66	100.24	0.71	0.00	0.71	100.16	1.34E-04	7.34E-07	1.35E-04	1.01E+02
	145.5	19.5	0.3	19.9	102	41.00	15.82	56.82	138.58	7.64	0.02	7.66	100.23	0.71	0.00	0.71	100.15	1.34E-04	7.07E-07	1.35E-04	1.01E+02
	148.5	19.5	0.3	19.9	102	41.00	15.46	56.46	137.72	7.64	0.02	7.66	100.22	0.71	0.00	0.71	100.15	1.34E-04	6.82E-07	1.35E-04	1.01E+02
	151.5	19.5	0.3	19.8	102	41.00	15.11	56.11	136.85	7.64	0.02	7.66	100.22	0.71	0.00	0.71	100.15	1.34E-04	6.57E-07	1.35E-04	1.00E+02
	154.5	19.5	0.3	19.8	102	41.00	14.89	55.89	136.32	7.64	0.02	7.66	100.21	0.71	0.00	0.71	100.14	1.34E-04	6.34E-07	1.35E-04	1.00E+02
	157.5	19.5	0.3	19.8	102	41.00	14.77	55.77	136.01	7.64	0.02	7.66	100.20	0.71	0.00	0.71	100.14	1.34E-04	6.11E-07	1.35E-04	1.00E+02
	160.5	19.5	0.3	19.8	101	41.00	14.60	55.60	135.61	7.64	0.01	7.65	100.19	0.71	0.00	0.71	100.13	1.34E-04	5.84E-07	1.35E-04	1.00E+02
BLDG_18	1.5	19.5	27.6	47.1	241	41.00	131.06	172.06	419.66	7.64	1.99	9.63	126.05	0.71	0.05	0.76	107.38	1.34E-04	1.01E-04	2.35E-04	1.76E+02
	3	19.5	27.4	46.9	240	41.00	130.51	171.51	418.32	7.64	1.97	9.61	125.81	0.71	0.05	0.76	107.31	1.34E-04	1.00E-04	2.34E-04	1.75E+02
	6	19.5	26.4	45.9	235	41.00	128.92	169.92	414.44	7.64	1.88	9.52	124.64	0.71	0.05	0.76	106.99	1.34E-04	9.58E-05	2.30E-04	1.71E+02
	7.5	19.5	18.7	38.2	196	41.00	116.57	157.57	384.32	7.64	1.24	8.88	116.24	0.71	0.04	0.75	105.06	1.34E-04	6.20E-05	1.96E-04	1.46E+02
	9	19.5	22.9	42.4	217	41.00	121.37	162.37	396.03	7.64	1.57	9.21	120.55	0.71	0.04	0.75	105.96	1.34E-04	7.96E-05	2.14E-04	1.59E+02
	10.5	19.5	20.9	40.4	207	41.00	119.74	160.74	392.04	7.64	1.40	9.04	118.35	0.71	0.04	0.75	105.40	1.34E-04	7.09E-05	2.05E-04	1.53E+02
	12	19.5	18.3	37.8	194	41.00	116.86	157.86	385.03	7.64	1.20	8.84	115.70	0.71	0.03	0.74	104.71	1.34E-04	6.04E-05	1.94E-04	1.45E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	13.5	19.5	16.3	35.8	184	41.00	114.75	155.75	379.88	7.64	1.06	8.70	113.82	0.71	0.03	0.74	104.24	1.34E-04	5.29E-05	1.87E-04	1.39E+02
	15	19.5	14.4	33.9	174	41.00	112.46	153.46	374.29	7.64	0.91	8.55	111.95	0.71	0.03	0.74	103.79	1.34E-04	4.55E-05	1.79E-04	1.34E+02
	16.5	19.5	12.9	32.4	166	41.00	110.25	151.25	368.91	7.64	0.81	8.45	110.57	0.71	0.02	0.73	103.48	1.34E-04	4.00E-05	1.74E-04	1.30E+02
	18	19.5	11.6	31.2	160	41.00	108.00	149.00	363.42	7.64	0.72	8.36	109.42	0.71	0.02	0.73	103.20	1.34E-04	3.54E-05	1.69E-04	1.26E+02
	19.5	19.5	10.5	30.0	154	41.00	104.31	145.31	354.43	7.64	0.64	8.28	108.42	0.71	0.02	0.73	102.92	1.34E-04	3.15E-05	1.66E-04	1.24E+02
	21	19.5	9.4	28.9	148	41.00	101.47	142.47	347.50	7.64	0.57	8.21	107.50	0.71	0.02	0.73	102.67	1.34E-04	2.80E-05	1.62E-04	1.21E+02
	22.5	19.5	8.4	27.9	143	41.00	99.74	140.74	343.27	7.64	0.51	8.15	106.66	0.71	0.02	0.73	102.44	1.34E-04	2.47E-05	1.59E-04	1.18E+02
	24	19.5	7.5	27.0	139	41.00	96.80	137.80	336.10	7.64	0.45	8.09	105.92	0.71	0.02	0.73	102.23	1.34E-04	2.19E-05	1.56E-04	1.16E+02
	25.5	19.5	6.8	26.3	135	41.00	95.09	136.09	331.92	7.64	0.40	8.04	105.28	0.71	0.01	0.72	102.05	1.34E-04	1.94E-05	1.53E-04	1.14E+02
	27	19.5	6.1	25.6	131	41.00	92.86	133.86	326.49	7.64	0.36	8.00	104.72	0.71	0.01	0.72	101.89	1.34E-04	1.73E-05	1.51E-04	1.13E+02
	28.5	19.5	5.5	25.0	128	41.00	88.73	129.73	316.41	7.64	0.32	7.96	104.23	0.71	0.01	0.72	101.74	1.34E-04	1.54E-05	1.49E-04	1.11E+02
	30	19.5	5.0	24.5	125	41.00	84.95	125.95	307.20	7.64	0.29	7.93	103.81	0.71	0.01	0.72	101.61	1.34E-04	1.38E-05	1.48E-04	1.10E+02
	31.5	19.5	4.5	24.0	123	41.00	80.91	121.91	297.35	7.64	0.26	7.90	103.45	0.71	0.01	0.72	101.50	1.34E-04	1.24E-05	1.46E-04	1.09E+02
	33	19.5	4.1	23.6	121	41.00	77.46	118.46	288.92	7.64	0.24	7.88	103.13	0.71	0.01	0.72	101.40	1.34E-04	1.12E-05	1.45E-04	1.08E+02
	34.5	19.5	3.8	23.3	119	41.00	74.85	115.85	282.57	7.64	0.22	7.86	102.86	0.71	0.01	0.72	101.30	1.34E-04	1.02E-05	1.44E-04	1.08E+02
	36	19.5	3.5	23.0	118	41.00	72.97	113.97	277.97	7.64	0.20	7.84	102.62	0.71	0.01	0.72	101.22	1.34E-04	9.32E-06	1.43E-04	1.07E+02
	37.5	19.5	3.2	22.8	117	41.00	72.42	113.42	276.63	7.64	0.18	7.82	102.41	0.71	0.01	0.72	101.15	1.34E-04	8.54E-06	1.43E-04	1.06E+02
	39	19.5	3.0	22.5	115	41.00	68.41	109.41	266.85	7.64	0.17	7.81	102.22	0.71	0.01	0.72	101.08	1.34E-04	7.85E-06	1.42E-04	1.06E+02
	40.5	19.5	2.8	22.3	114	41.00	63.37	104.37	254.57	7.64	0.16	7.80	102.06	0.71	0.01	0.72	101.01	1.34E-04	7.24E-06	1.41E-04	1.05E+02
	42	19.5	2.6	22.1	113	41.00	59.07	100.07	244.08	7.64	0.15	7.79	101.91	0.71	0.01	0.72	100.96	1.34E-04	6.70E-06	1.41E-04	1.05E+02
	43.5	19.5	2.5	22.0	113	41.00	56.25	97.25	237.19	7.64	0.14	7.78	101.78	0.71	0.01	0.72	100.90	1.34E-04	6.22E-06	1.40E-04	1.05E+02
	45	19.5	2.3	21.8	112	41.00	53.65	94.65	230.85	7.64	0.13	7.77	101.67	0.71	0.01	0.72	100.86	1.34E-04	5.79E-06	1.40E-04	1.04E+02
	46.5	19.5	2.2	21.7	111	41.00	51.17	92.17	224.80	7.64	0.12	7.76	101.56	0.71	0.01	0.72	100.81	1.34E-04	5.41E-06	1.39E-04	1.04E+02
	48	19.5	2.1	21.6	111	41.00	50.12	91.12	222.25	7.64	0.11	7.75	101.47	0.71	0.01	0.72	100.77	1.34E-04	5.06E-06	1.39E-04	1.04E+02
	49.5	19.5	1.9	21.5	110	41.00	47.13	88.13	214.95	7.64	0.11	7.75	101.39	0.71	0.01	0.71	100.73	1.34E-04	4.74E-06	1.39E-04	1.04E+02
	51	19.5	1.8	21.4	109	41.00	45.65	86.65	211.34	7.64	0.10	7.74	101.31	0.71	0.00	0.71	100.69	1.34E-04	4.45E-06	1.38E-04	1.03E+02
	52.5	19.5	1.7	21.3	109	41.00	44.03	85.03	207.40	7.64	0.09	7.73	101.24	0.71	0.00	0.71	100.66	1.34E-04	4.19E-06	1.38E-04	1.03E+02
	54	19.5	1.7	21.2	108	41.00	42.48	83.48	203.62	7.64	0.09	7.73	101.18	0.71	0.00	0.71	100.63	1.34E-04	3.96E-06	1.38E-04	1.03E+02
	55.5	19.5	1.6	21.1	108	41.00	41.26	82.26	200.64	7.64	0.09	7.73	101.12	0.71	0.00	0.71	100.60	1.34E-04	3.75E-06	1.38E-04	1.03E+02
	57	19.5	1.5	21.0	108	41.00	40.09	81.09	197.78	7.64	0.08	7.72	101.07	0.71	0.00	0.71	100.57	1.34E-04	3.56E-06	1.38E-04	1.03E+02
	58.5	19.5	1.4	21.0	107	41.00	39.52	80.52	196.38	7.64	0.08	7.72	101.02	0.71	0.00	0.71	100.55	1.34E-04	3.38E-06	1.37E-04	1.03E+02
	60	19.5	1.4	20.9	107	41.00	38.76	79.76	194.54	7.64	0.07	7.71	100.97	0.71	0.00	0.71	100.52	1.34E-04	3.21E-06	1.37E-04	1.02E+02
	61.5	19.5	1.3	20.8	107	41.00	37.54	78.54	191.57	7.64	0.07	7.71	100.93	0.71	0.00	0.71	100.50	1.34E-04	3.07E-06	1.37E-04	1.02E+02
	63	19.5	1.3	20.8	106	41.00	36.86	77.86	189.89	7.64	0.07	7.71	100.89	0.71	0.00	0.71	100.48	1.34E-04	2.93E-06	1.37E-04	1.02E+02
	64.5	19.5	1.2	20.7	106	41.00	36.43	77.43	188.86	7.64	0.07	7.71	100.85	0.71	0.00	0.71	100.46	1.34E-04	2.81E-06	1.37E-04	1.02E+02
	66	19.5	1.2	20.7	106	41.00	36.01	77.01	187.82	7.64	0.06	7.70	100.82	0.71	0.00	0.71	100.45	1.34E-04	2.69E-06	1.37E-04	1.02E+02
	67.5	19.5	1.1	20.6	106	41.00	35.58	76.58	186.77	7.64	0.06	7.70	100.79	0.71	0.00	0.71	100.43	1.34E-04	2.58E-06	1.37E-04	1.02E+02
	69	19.5	1.1	20.6	106	41.00	35.16	76.16	185.76	7.64	0.06	7.70	100.76	0.71	0.00	0.71	100.41	1.34E-04	2.48E-06	1.36E-04	1.02E+02
	70.5	19.5	1.0	20.6	105	41.00	34.69	75.69	184.62	7.64	0.06	7.70	100.73	0.71	0.00	0.71	100.40	1.34E-04	2.39E-06	1.36E-04	1.02E+02
	72	19.5	1.0	20.5	105	41.00	34.12	75.12	183.22	7.64	0.05	7.69	100.70	0.71	0.00	0.71	100.39	1.34E-04	2.30E-06	1.36E-04	1.02E+02
	73.5	19.5	1.0	20.5	105	41.00	33.56	74.56	181.86	7.64	0.05	7.69	100.68	0.71	0.00	0.71	100.37	1.34E-04	2.22E-06	1.36E-04	1.02E+02
	75	19.5	0.9	20.5	105	41.00	32.94	73.94	180.33	7.64	0.05	7.69	100.66	0.71	0.00	0.71	100.36	1.34E-04	2.14E-06	1.36E-04	1.02E+02
	76.5	19.5	0.9	20.4	105	41.00	32.38	73.38	178.97	7.64	0.05	7.69	100.63	0.71	0.00	0.71	100.35	1.34E-04	2.07E-06	1.36E-04	1.02E+02
	78	19.5	0.9	20.4	105	41.00	31.40	72.40	176.60	7.64	0.05	7.69	100.61	0.71	0.00	0.71	100.34	1.34E-04	2.00E-06	1.36E-04	1.01E+02
	79.5	19.5	0.9	20.4	104	41.00	31.10	72.10	175.85	7.64	0.05	7.69	100.60	0.71	0.00	0.71	100.33	1.34E-04	1.94E-06	1.36E-04	1.01E+02
	81	19.5	0.8	20.3	104	41.00	30.53	71.53	174.47	7.64	0.04	7.68	100.58	0.71	0.00	0.71	100.32	1.34E-04	1.87E-06	1.36E-04	1.01E+02
	82.5	19.5	0.8	20.3	104	41.00	30.07	71.07	173.34	7.64	0.04	7.68	100.56	0.71	0.00	0.71	100.31	1.34E-04	1.82E-06	1.36E-04	1.01E+02
	84	19.5	0.8	20.3	104	41.00	29.65	70.65	172.31	7.64	0.04	7.68	100.54	0.71	0.00	0.71	100.31	1.34E-04	1.76E-06	1.36E-04	1.01E+02
	85.5	19.5	0.8	20.3	104	41.00	29.17	70.17	171.15	7.64	0.04	7.68	100.53	0.71	0.00	0.71	100.30	1.34E-04	1.71E-06	1.36E-04	1.01E+02
	87	19.5	0.7	20.3	104	41.00	28.80	69.80	170.25	7.64	0.04	7.68	100.51	0.71	0.00	0.71	100.29	1.34E-04	1.66E-06	1.36E-04	1.01E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	88.5	19.5	0.7	20.2	104	41.00	28.35	69.35	169.15	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.28	1.34E-04	1.61E-06	1.36E-04	1.01E+02
	90	19.5	0.7	20.2	104	41.00	28.01	69.01	168.32	7.64	0.04	7.68	100.49	0.71	0.00	0.71	100.28	1.34E-04	1.57E-06	1.36E-04	1.01E+02
	91.5	19.5	0.7	20.2	104	41.00	27.47	68.47	167.01	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.27	1.34E-04	1.52E-06	1.36E-04	1.01E+02
	93	19.5	0.7	20.2	103	41.00	27.24	68.24	166.44	7.64	0.04	7.68	100.46	0.71	0.00	0.71	100.26	1.34E-04	1.48E-06	1.35E-04	1.01E+02
	94.5	19.5	0.7	20.2	103	41.00	26.85	67.85	165.48	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.26	1.34E-04	1.44E-06	1.35E-04	1.01E+02
	96	19.5	0.6	20.2	103	41.00	26.58	67.58	164.83	7.64	0.03	7.67	100.44	0.71	0.00	0.71	100.25	1.34E-04	1.40E-06	1.35E-04	1.01E+02
	97.5	19.5	0.6	20.1	103	41.00	26.32	67.32	164.19	7.64	0.03	7.67	100.43	0.71	0.00	0.71	100.25	1.34E-04	1.37E-06	1.35E-04	1.01E+02
	99	19.5	0.6	20.1	103	41.00	26.06	67.06	163.56	7.64	0.03	7.67	100.42	0.71	0.00	0.71	100.24	1.34E-04	1.33E-06	1.35E-04	1.01E+02
	100.5	19.5	0.6	20.1	103	41.00	25.80	66.80	162.94	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.24	1.34E-04	1.30E-06	1.35E-04	1.01E+02
	102	19.5	0.6	20.1	103	41.00	25.55	66.55	162.32	7.64	0.03	7.67	100.40	0.71	0.00	0.71	100.23	1.34E-04	1.27E-06	1.35E-04	1.01E+02
	103.5	19.5	0.6	20.1	103	41.00	25.30	66.30	161.71	7.64	0.03	7.67	100.39	0.71	0.00	0.71	100.23	1.34E-04	1.24E-06	1.35E-04	1.01E+02
	105	19.5	0.6	20.1	103	41.00	25.05	66.05	161.10	7.64	0.03	7.67	100.38	0.71	0.00	0.71	100.22	1.34E-04	1.21E-06	1.35E-04	1.01E+02
	106.5	19.5	0.5	20.1	103	41.00	24.81	65.81	160.51	7.64	0.03	7.67	100.37	0.71	0.00	0.71	100.22	1.34E-04	1.18E-06	1.35E-04	1.01E+02
	108	19.5	0.5	20.0	103	41.00	24.57	65.57	159.92	7.64	0.03	7.67	100.36	0.71	0.00	0.71	100.21	1.34E-04	1.15E-06	1.35E-04	1.01E+02
	109.5	19.5	0.5	20.0	103	41.00	24.33	65.33	159.33	7.64	0.03	7.67	100.35	0.71	0.00	0.71	100.21	1.34E-04	1.12E-06	1.35E-04	1.01E+02
	111	19.5	0.5	20.0	103	41.00	24.01	65.01	158.57	7.64	0.03	7.67	100.35	0.71	0.00	0.71	100.21	1.34E-04	1.10E-06	1.35E-04	1.01E+02
	112.5	19.5	0.5	20.0	103	41.00	23.73	64.73	157.87	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.20	1.34E-04	1.07E-06	1.35E-04	1.01E+02
	114	19.5	0.5	20.0	102	41.00	23.53	64.53	157.39	7.64	0.03	7.67	100.33	0.71	0.00	0.71	100.20	1.34E-04	1.05E-06	1.35E-04	1.01E+02
	115.5	19.5	0.5	20.0	102	41.00	23.12	64.12	156.39	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.19	1.34E-04	1.03E-06	1.35E-04	1.01E+02
	117	19.5	0.5	20.0	102	41.00	22.88	63.88	155.80	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.19	1.34E-04	1.00E-06	1.35E-04	1.01E+02
	118.5	19.5	0.5	20.0	102	41.00	22.53	63.53	154.96	7.64	0.02	7.66	100.31	0.71	0.00	0.71	100.19	1.34E-04	9.82E-07	1.35E-04	1.01E+02
	120	19.5	0.4	20.0	102	41.00	22.15	63.15	154.02	7.64	0.02	7.66	100.31	0.71	0.00	0.71	100.18	1.34E-04	9.61E-07	1.35E-04	1.01E+02
	121.5	19.5	0.4	20.0	102	41.00	21.81	62.81	153.19	7.64	0.02	7.66	100.30	0.71	0.00	0.71	100.18	1.34E-04	9.40E-07	1.35E-04	1.01E+02
	123	19.5	0.4	19.9	102	41.00	21.47	62.47	152.36	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.18	1.34E-04	9.20E-07	1.35E-04	1.01E+02
	124.5	19.5	0.4	19.9	102	41.00	21.21	62.21	151.72	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.17	1.34E-04	9.01E-07	1.35E-04	1.01E+02
	126	19.5	0.4	19.9	102	41.00	20.99	61.99	151.21	7.64	0.02	7.66	100.28	0.71	0.00	0.71	100.17	1.34E-04	8.81E-07	1.35E-04	1.01E+02
	127.5	19.5	0.4	19.9	102	41.00	20.85	61.85	150.85	7.64	0.02	7.66	100.28	0.71	0.00	0.71	100.17	1.34E-04	8.62E-07	1.35E-04	1.01E+02
BLDG_07	1.5	19.5	11.2	30.8	158	41.00	103.11	144.11	351.49	7.64	0.60	8.24	107.90	0.71	0.03	0.74	104.47	1.34E-04	2.54E-05	1.59E-04	1.19E+02
	3	19.5	11.2	30.7	158	41.00	102.85	143.85	350.85	7.64	0.60	8.24	107.84	0.71	0.03	0.74	104.43	1.34E-04	2.54E-05	1.59E-04	1.19E+02
	6	19.5	11.1	30.6	157	41.00	101.19	142.19	346.80	7.64	0.59	8.23	107.76	0.71	0.03	0.74	104.30	1.34E-04	2.54E-05	1.59E-04	1.19E+02
	9	19.5	10.8	30.3	155	41.00	100.56	141.56	345.27	7.64	0.58	8.22	107.62	0.71	0.03	0.74	104.13	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	12	19.5	10.4	29.9	153	41.00	100.62	141.62	345.40	7.64	0.57	8.21	107.42	0.71	0.03	0.74	103.90	1.34E-04	2.48E-05	1.59E-04	1.19E+02
	13.5	19.5	10.1	29.7	152	41.00	100.59	141.59	345.34	7.64	0.56	8.20	107.29	0.71	0.03	0.74	103.78	1.34E-04	2.46E-05	1.59E-04	1.18E+02
BLDG_17	1.5	19.5	27.6	47.1	241	41.00	131.03	172.03	419.59	7.64	1.99	9.63	126.03	0.71	0.05	0.76	107.44	1.34E-04	1.01E-04	2.35E-04	1.75E+02
	3	19.5	27.4	46.9	240	41.00	130.50	171.50	418.30	7.64	1.97	9.61	125.81	0.71	0.05	0.76	107.36	1.34E-04	1.00E-04	2.34E-04	1.75E+02
	6	19.5	26.4	45.9	235	41.00	128.24	169.24	412.78	7.64	1.88	9.52	124.66	0.71	0.05	0.76	107.01	1.34E-04	9.58E-05	2.30E-04	1.72E+02
	7.5	19.5	14.3	33.8	173	41.00	111.13	152.13	371.05	7.64	0.89	8.53	111.70	0.71	0.03	0.74	104.23	1.34E-04	4.34E-05	1.77E-04	1.32E+02
	9	19.5	22.9	42.4	217	41.00	121.36	162.36	396.00	7.64	1.57	9.21	120.56	0.71	0.04	0.75	105.98	1.34E-04	7.96E-05	2.14E-04	1.59E+02
	10.5	19.5	20.9	40.4	207	41.00	119.70	160.70	391.95	7.64	1.40	9.04	118.37	0.71	0.04	0.75	105.43	1.34E-04	7.09E-05	2.05E-04	1.53E+02
	12	19.5	18.2	37.7	193	41.00	116.30	157.30	383.65	7.64	1.19	8.83	115.55	0.71	0.03	0.74	104.79	1.34E-04	5.96E-05	1.94E-04	1.45E+02
	13.5	19.5	16.2	35.8	183	41.00	114.34	155.34	378.89	7.64	1.05	8.69	113.70	0.71	0.03	0.74	104.31	1.34E-04	5.23E-05	1.86E-04	1.39E+02
	15	19.5	14.3	33.8	173	41.00	112.22	153.22	373.71	7.64	0.90	8.54	111.82	0.71	0.03	0.74	103.86	1.34E-04	4.49E-05	1.79E-04	1.33E+02
	16.5	19.5	12.5	32.1	164	41.00	109.93	150.93	368.13	7.64	0.79	8.43	110.28	0.71	0.02	0.73	103.46	1.34E-04	3.88E-05	1.73E-04	1.29E+02
	18	19.5	11.3	30.8	158	41.00	105.66	146.66	357.71	7.64	0.69	8.33	109.10	0.71	0.02	0.73	103.17	1.34E-04	3.41E-05	1.68E-04	1.25E+02
	19.5	19.5	10.2	29.8	152	41.00	102.91	143.91	351.01	7.64	0.62	8.26	108.17	0.71	0.02	0.73	102.93	1.34E-04	3.05E-05	1.65E-04	1.23E+02
	21	19.5	9.3	28.8	147	41.00	100.35	141.35	344.74	7.64	0.56	8.20	107.30	0.71	0.02	0.73	102.72	1.34E-04	2.71E-05	1.61E-04	1.20E+02
	22.5	19.5	8.5	28.0	143	41.00	99.06	140.06	341.62	7.64	0.51	8.15	106.62	0.71	0.02	0.73	102.52	1.34E-04	2.44E-05	1.58E-04	1.18E+02
	24	19.5	7.7	27.2	140	41.00	95.80	136.80	333.65	7.64	0.46	8.10	106.01	0.71	0.02	0.73	102.33	1.34E-04	2.21E-05	1.56E-04	1.16E+02
	25.5	19.5	7.0	26.6	136	41.00	93.93	134.93	329.09	7.64	0.42	8.06	105.45	0.71	0.02	0.73	102.16	1.34E-04	2.00E-05	1.54E-04	1.15E+02
	27	19.5	6.4	25.9	133	41.00	90.27	131.27	320.16	7.64	0.38	8.02	104.94	0.71	0.01	0.72	102.00	1.34E-04	1.80E-05	1.52E-04	1.13E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	28.5	19.5	5.8	25.4	130	41.00	87.11	128.11	312.46	7.64	0.34	7.98	104.48	0.71	0.01	0.72	101.86	1.34E-04	1.63E-05	1.50E-04	1.12E+02
	30	19.5	5.3	24.8	127	41.00	81.67	122.67	299.20	7.64	0.31	7.95	104.07	0.71	0.01	0.72	101.73	1.34E-04	1.48E-05	1.49E-04	1.11E+02
	31.5	19.5	4.9	24.4	125	41.00	78.91	119.91	292.45	7.64	0.28	7.92	103.71	0.71	0.01	0.72	101.62	1.34E-04	1.34E-05	1.47E-04	1.10E+02
	33	19.5	4.5	24.0	123	41.00	75.23	116.23	283.49	7.64	0.26	7.90	103.39	0.71	0.01	0.72	101.51	1.34E-04	1.22E-05	1.46E-04	1.09E+02
	34.5	19.5	4.1	23.7	121	41.00	74.61	115.61	281.98	7.64	0.24	7.88	103.10	0.71	0.01	0.72	101.41	1.34E-04	1.11E-05	1.45E-04	1.08E+02
	36	19.5	3.8	23.3	120	41.00	71.63	112.63	274.71	7.64	0.22	7.86	102.85	0.71	0.01	0.72	101.33	1.34E-04	1.02E-05	1.44E-04	1.08E+02
	37.5	19.5	3.6	23.1	118	41.00	70.00	111.00	270.72	7.64	0.20	7.84	102.62	0.71	0.01	0.72	101.25	1.34E-04	9.32E-06	1.43E-04	1.07E+02
	39	19.5	3.3	22.8	117	41.00	64.83	105.83	258.13	7.64	0.19	7.83	102.43	0.71	0.01	0.72	101.17	1.34E-04	8.57E-06	1.43E-04	1.06E+02
	40.5	19.5	3.1	22.6	116	41.00	61.43	102.43	249.83	7.64	0.17	7.81	102.25	0.71	0.01	0.72	101.11	1.34E-04	7.91E-06	1.42E-04	1.06E+02
	42	19.5	2.9	22.4	115	41.00	57.23	98.23	239.58	7.64	0.16	7.80	102.10	0.71	0.01	0.72	101.04	1.34E-04	7.31E-06	1.41E-04	1.05E+02
	43.5	19.5	2.7	22.2	114	41.00	57.17	98.17	239.44	7.64	0.15	7.79	101.96	0.71	0.01	0.72	100.98	1.34E-04	6.78E-06	1.41E-04	1.05E+02
	45	19.5	2.5	22.0	113	41.00	52.65	93.65	228.41	7.64	0.14	7.78	101.83	0.71	0.01	0.72	100.93	1.34E-04	6.31E-06	1.40E-04	1.05E+02
	46.5	19.5	2.4	21.9	112	41.00	51.75	92.75	226.22	7.64	0.13	7.77	101.71	0.71	0.01	0.72	100.88	1.34E-04	5.88E-06	1.40E-04	1.04E+02
	48	19.5	2.2	21.7	111	41.00	47.46	88.46	215.76	7.64	0.12	7.76	101.61	0.71	0.01	0.72	100.83	1.34E-04	5.50E-06	1.40E-04	1.04E+02
	49.5	19.5	2.1	21.6	111	41.00	47.06	88.06	214.79	7.64	0.12	7.76	101.52	0.71	0.01	0.72	100.79	1.34E-04	5.16E-06	1.39E-04	1.04E+02
	51	19.5	2.0	21.5	110	41.00	44.04	85.04	207.41	7.64	0.11	7.75	101.43	0.71	0.01	0.72	100.75	1.34E-04	4.84E-06	1.39E-04	1.04E+02
	52.5	19.5	1.9	21.4	110	41.00	43.66	84.66	206.50	7.64	0.10	7.74	101.35	0.71	0.01	0.71	100.71	1.34E-04	4.56E-06	1.39E-04	1.03E+02
	54	19.5	1.8	21.3	109	41.00	40.73	81.73	199.34	7.64	0.10	7.74	101.28	0.71	0.00	0.71	100.68	1.34E-04	4.30E-06	1.38E-04	1.03E+02
	55.5	19.5	1.7	21.2	109	41.00	40.92	81.92	199.80	7.64	0.09	7.73	101.21	0.71	0.00	0.71	100.65	1.34E-04	4.07E-06	1.38E-04	1.03E+02
	57	19.5	1.6	21.1	108	41.00	39.96	80.96	197.47	7.64	0.09	7.73	101.15	0.71	0.00	0.71	100.62	1.34E-04	3.86E-06	1.38E-04	1.03E+02
	58.5	19.5	1.5	21.1	108	41.00	39.80	80.80	197.07	7.64	0.08	7.72	101.10	0.71	0.00	0.71	100.59	1.34E-04	3.67E-06	1.38E-04	1.03E+02
	60	19.5	1.5	21.0	107	41.00	38.13	79.13	193.01	7.64	0.08	7.72	101.04	0.71	0.00	0.71	100.56	1.34E-04	3.49E-06	1.37E-04	1.03E+02
	61.5	19.5	1.4	20.9	107	41.00	37.49	78.49	191.45	7.64	0.08	7.72	101.00	0.71	0.00	0.71	100.54	1.34E-04	3.32E-06	1.37E-04	1.02E+02
	63	19.5	1.3	20.9	107	41.00	36.68	77.68	189.47	7.64	0.07	7.71	100.95	0.71	0.00	0.71	100.51	1.34E-04	3.17E-06	1.37E-04	1.02E+02
	64.5	19.5	1.3	20.8	107	41.00	36.28	77.28	188.49	7.64	0.07	7.71	100.91	0.71	0.00	0.71	100.49	1.34E-04	3.03E-06	1.37E-04	1.02E+02
	66	19.5	1.2	20.7	106	41.00	35.89	76.89	187.53	7.64	0.07	7.71	100.87	0.71	0.00	0.71	100.47	1.34E-04	2.90E-06	1.37E-04	1.02E+02
	67.5	19.5	1.2	20.7	106	41.00	35.50	76.50	186.58	7.64	0.06	7.70	100.84	0.71	0.00	0.71	100.46	1.34E-04	2.78E-06	1.37E-04	1.02E+02
	69	19.5	1.1	20.7	106	41.00	34.98	75.98	185.33	7.64	0.06	7.70	100.80	0.71	0.00	0.71	100.44	1.34E-04	2.66E-06	1.37E-04	1.02E+02
	70.5	19.5	1.1	20.6	106	41.00	34.33	75.33	183.73	7.64	0.06	7.70	100.77	0.71	0.00	0.71	100.43	1.34E-04	2.55E-06	1.37E-04	1.02E+02
	72	19.5	1.1	20.6	105	41.00	33.63	74.63	182.03	7.64	0.06	7.70	100.74	0.71	0.00	0.71	100.41	1.34E-04	2.45E-06	1.36E-04	1.02E+02
	73.5	19.5	1.0	20.5	105	41.00	33.12	74.12	180.79	7.64	0.05	7.69	100.71	0.71	0.00	0.71	100.40	1.34E-04	2.36E-06	1.36E-04	1.02E+02
	75	19.5	1.0	20.5	105	41.00	32.50	73.50	179.27	7.64	0.05	7.69	100.69	0.71	0.00	0.71	100.38	1.34E-04	2.27E-06	1.36E-04	1.02E+02
	76.5	19.5	0.9	20.5	105	41.00	32.04	73.04	178.14	7.64	0.05	7.69	100.66	0.71	0.00	0.71	100.37	1.34E-04	2.19E-06	1.36E-04	1.02E+02
	78	19.5	0.9	20.4	105	41.00	31.53	72.53	176.91	7.64	0.05	7.69	100.64	0.71	0.00	0.71	100.36	1.34E-04	2.11E-06	1.36E-04	1.02E+02
	79.5	19.5	0.9	20.4	105	41.00	31.13	72.13	175.92	7.64	0.05	7.69	100.62	0.71	0.00	0.71	100.35	1.34E-04	2.03E-06	1.36E-04	1.02E+02
	81	19.5	0.9	20.4	104	41.00	30.63	71.63	174.70	7.64	0.05	7.69	100.60	0.71	0.00	0.71	100.34	1.34E-04	1.96E-06	1.36E-04	1.01E+02
	82.5	19.5	0.8	20.4	104	41.00	30.25	71.25	173.78	7.64	0.04	7.68	100.58	0.71	0.00	0.71	100.33	1.34E-04	1.89E-06	1.36E-04	1.01E+02
	84	19.5	0.8	20.3	104	41.00	29.75	70.75	172.56	7.64	0.04	7.68	100.57	0.71	0.00	0.71	100.32	1.34E-04	1.83E-06	1.36E-04	1.01E+02
	85.5	19.5	0.8	20.3	104	41.00	29.41	70.41	171.73	7.64	0.04	7.68	100.55	0.71	0.00	0.71	100.32	1.34E-04	1.78E-06	1.36E-04	1.01E+02
	87	19.5	0.8	20.3	104	41.00	28.87	69.87	170.42	7.64	0.04	7.68	100.54	0.71	0.00	0.71	100.31	1.34E-04	1.72E-06	1.36E-04	1.01E+02
	88.5	19.5	0.8	20.3	104	41.00	28.60	69.60	169.76	7.64	0.04	7.68	100.52	0.71	0.00	0.71	100.30	1.34E-04	1.68E-06	1.36E-04	1.01E+02
	90	19.5	0.7	20.3	104	41.00	28.06	69.06	168.43	7.64	0.04	7.68	100.51	0.71	0.00	0.71	100.29	1.34E-04	1.63E-06	1.36E-04	1.01E+02
	91.5	19.5	0.7	20.2	104	41.00	27.82	68.82	167.84	7.64	0.04	7.68	100.49	0.71	0.00	0.71	100.29	1.34E-04	1.58E-06	1.36E-04	1.01E+02
	93	19.5	0.7	20.2	104	41.00	27.28	68.28	166.55	7.64	0.04	7.68	100.48	0.71	0.00	0.71	100.28	1.34E-04	1.54E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	103	41.00	27.08	68.08	166.05	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.27	1.34E-04	1.50E-06	1.36E-04	1.01E+02
	96	19.5	0.7	20.2	103	41.00	26.55	67.55	164.76	7.64	0.03	7.67	100.46	0.71	0.00	0.71	100.27	1.34E-04	1.46E-06	1.35E-04	1.01E+02
	97.5	19.5	0.6	20.2	103	41.00	26.14	67.14	163.75	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.26	1.34E-04	1.42E-06	1.35E-04	1.01E+02
	99	19.5	0.6	20.1	103	41.00	25.71	66.71	162.71	7.64	0.03	7.67	100.44	0.71	0.00	0.71	100.26	1.34E-04	1.39E-06	1.35E-04	1.01E+02
	100.5	19.5	0.6	20.1	103	41.00	25.53	66.53	162.27	7.64	0.03	7.67	100.42	0.71	0.00	0.71	100.25	1.34E-04	1.35E-06	1.35E-04	1.01E+02
	102	19.5	0.6	20.1	103	41.00	25.08	66.08	161.17	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.25	1.34E-04	1.32E-06	1.35E-04	1.01E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	103.5	19.5	0.6	20.1	103	41.00	24.85	65.85	160.61	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.24	1.34E-04	1.29E-06	1.35E-04	1.01E+02
	105	19.5	0.6	20.1	103	41.00	24.24	65.24	159.11	7.64	0.03	7.67	100.40	0.71	0.00	0.71	100.24	1.34E-04	1.26E-06	1.35E-04	1.01E+02
	106.5	19.5	0.6	20.1	103	41.00	24.10	65.10	158.78	7.64	0.03	7.67	100.39	0.71	0.00	0.71	100.23	1.34E-04	1.23E-06	1.35E-04	1.01E+02
	108	19.5	0.5	20.1	103	41.00	23.73	64.73	157.88	7.64	0.03	7.67	100.36	0.71	0.00	0.71	100.23	1.34E-04	1.14E-06	1.35E-04	1.01E+02
	109.5	19.5	0.5	20.0	103	41.00	23.60	64.60	157.56	7.64	0.03	7.67	100.35	0.71	0.00	0.71	100.22	1.34E-04	1.11E-06	1.35E-04	1.01E+02
	111	19.5	0.5	20.0	103	41.00	23.40	64.40	157.07	7.64	0.03	7.67	100.35	0.71	0.00	0.71	100.22	1.34E-04	1.08E-06	1.35E-04	1.01E+02
	112.5	19.5	0.5	20.0	103	41.00	23.29	64.29	156.80	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.21	1.34E-04	1.06E-06	1.35E-04	1.01E+02
	114	19.5	0.5	20.0	103	41.00	22.84	63.84	155.70	7.64	0.03	7.67	100.33	0.71	0.00	0.71	100.21	1.34E-04	1.04E-06	1.35E-04	1.01E+02
	115.5	19.5	0.5	20.0	102	41.00	22.36	63.36	154.55	7.64	0.02	7.66	100.33	0.71	0.00	0.71	100.21	1.34E-04	1.01E-06	1.35E-04	1.01E+02
	117	19.5	0.5	20.0	102	41.00	21.85	62.85	153.29	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.20	1.34E-04	9.91E-07	1.35E-04	1.01E+02
	118.5	19.5	0.5	20.0	102	41.00	21.78	62.78	153.13	7.64	0.02	7.66	100.31	0.71	0.00	0.71	100.20	1.34E-04	9.69E-07	1.35E-04	1.01E+02
	120	19.5	0.5	20.0	102	41.00	21.49	62.49	152.40	7.64	0.02	7.66	100.31	0.71	0.00	0.71	100.19	1.34E-04	9.48E-07	1.35E-04	1.01E+02
	121.5	19.5	0.4	20.0	102	41.00	21.25	62.25	151.82	7.64	0.02	7.66	100.30	0.71	0.00	0.71	100.19	1.34E-04	9.28E-07	1.35E-04	1.01E+02
	123	19.5	0.4	20.0	102	41.00	20.88	61.88	150.93	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.19	1.34E-04	9.08E-07	1.35E-04	1.01E+02
	124.5	19.5	0.4	19.9	102	41.00	20.76	61.76	150.64	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.18	1.34E-04	8.88E-07	1.35E-04	1.01E+02
	126	19.5	0.4	19.9	102	41.00	20.19	61.19	149.23	7.64	0.02	7.66	100.28	0.71	0.00	0.71	100.18	1.34E-04	8.69E-07	1.35E-04	1.01E+02
	127.5	19.5	0.4	19.9	102	41.00	20.16	61.16	149.16	7.64	0.02	7.66	100.28	0.71	0.00	0.71	100.18	1.34E-04	8.51E-07	1.35E-04	1.01E+02
	129	19.5	0.4	19.9	102	41.00	19.58	60.58	147.76	7.64	0.02	7.66	100.27	0.71	0.00	0.71	100.17	1.34E-04	8.31E-07	1.35E-04	1.01E+02
	130.5	19.5	0.4	19.9	102	41.00	19.40	60.40	147.31	7.64	0.02	7.66	100.26	0.71	0.00	0.71	100.17	1.34E-04	8.14E-07	1.35E-04	1.01E+02
	132	19.5	0.4	19.9	102	41.00	18.69	59.69	145.60	7.64	0.02	7.66	100.26	0.71	0.00	0.71	100.17	1.34E-04	7.98E-07	1.35E-04	1.01E+02
	133.5	19.5	0.4	19.9	102	41.00	18.38	59.38	144.83	7.64	0.02	7.66	100.25	0.71	0.00	0.71	100.17	1.34E-04	7.81E-07	1.35E-04	1.01E+02
	135	19.5	0.4	19.9	102	41.00	18.10	59.10	144.15	7.64	0.02	7.66	100.25	0.71	0.00	0.71	100.16	1.34E-04	7.65E-07	1.35E-04	1.01E+02
	136.5	19.5	0.4	19.9	102	41.00	17.84	58.84	143.52	7.64	0.02	7.66	100.25	0.71	0.00	0.71	100.16	1.34E-04	7.51E-07	1.35E-04	1.01E+02
	138	19.5	0.4	19.9	102	41.00	17.56	58.56	142.83	7.64	0.02	7.66	100.24	0.71	0.00	0.71	100.16	1.34E-04	7.36E-07	1.35E-04	1.01E+02
	139.5	19.5	0.4	19.9	102	41.00	17.16	58.16	141.86	7.64	0.02	7.66	100.24	0.71	0.00	0.71	100.15	1.34E-04	7.22E-07	1.35E-04	1.01E+02
BLDG_01	1.5	19.5	27.8	47.3	242	41.00	130.59	171.59	418.52	7.64	1.97	9.61	125.82	0.71	0.06	0.77	108.02	1.34E-04	9.99E-05	2.34E-04	1.75E+02
	3	19.5	27.6	47.1	241	41.00	130.26	171.26	417.71	7.64	1.96	9.60	125.66	0.71	0.06	0.77	107.92	1.34E-04	9.92E-05	2.33E-04	1.74E+02
	4.5	19.5	27.4	46.9	240	41.00	129.68	170.68	416.29	7.64	1.94	9.58	125.35	0.71	0.06	0.77	107.79	1.34E-04	9.81E-05	2.32E-04	1.73E+02
BLDG_02	1.5	19.5	18.9	38.4	197	41.00	116.17	157.17	383.33	7.64	1.22	8.86	115.95	0.71	0.04	0.75	105.88	1.34E-04	5.97E-05	1.94E-04	1.45E+02
	3	19.5	18.9	38.4	197	41.00	116.02	157.02	382.97	7.64	1.22	8.86	115.91	0.71	0.04	0.75	105.85	1.34E-04	5.97E-05	1.94E-04	1.45E+02
	4.5	19.5	18.8	38.3	196	41.00	115.78	156.78	382.38	7.64	1.21	8.85	115.80	0.71	0.04	0.75	105.80	1.34E-04	5.93E-05	1.93E-04	1.44E+02
BLDG_11	1.5	19.5	11.5	31.0	159	41.00	102.44	143.44	349.86	7.64	0.56	8.20	107.39	0.71	0.04	0.75	105.00	1.34E-04	2.14E-05	1.55E-04	1.16E+02
	3	19.5	11.2	30.8	158	41.00	98.34	139.34	339.85	7.64	0.55	8.19	107.26	0.71	0.03	0.74	104.81	1.34E-04	2.13E-05	1.55E-04	1.16E+02
	6	19.5	11.0	30.5	156	41.00	97.10	138.10	336.83	7.64	0.55	8.19	107.17	0.71	0.03	0.74	104.65	1.34E-04	2.13E-05	1.55E-04	1.16E+02
	9	19.5	10.6	30.1	154	41.00	93.30	134.30	327.55	7.64	0.54	8.18	107.01	0.71	0.03	0.74	104.40	1.34E-04	2.13E-05	1.55E-04	1.16E+02
	12	19.5	10.1	29.6	152	41.00	92.86	133.86	326.48	7.64	0.52	8.16	106.80	0.71	0.03	0.74	104.11	1.34E-04	2.11E-05	1.55E-04	1.16E+02
	13.5	19.5	9.8	29.3	150	41.00	92.52	133.52	325.67	7.64	0.51	8.15	106.66	0.71	0.03	0.74	103.94	1.34E-04	2.09E-05	1.55E-04	1.16E+02
BLDG_26	1.5	19.5	9.5	29.0	149	41.00	100.98	141.98	346.30	7.64	0.53	8.17	106.96	0.71	0.02	0.73	103.38	1.34E-04	2.33E-05	1.57E-04	1.17E+02
	3	19.5	9.5	29.0	148	41.00	99.77	140.77	343.34	7.64	0.53	8.17	106.93	0.71	0.02	0.73	103.33	1.34E-04	2.33E-05	1.57E-04	1.17E+02
	4.5	19.5	9.4	29.0	148	41.00	98.77	139.77	340.90	7.64	0.53	8.17	106.89	0.71	0.02	0.73	103.31	1.34E-04	2.33E-05	1.57E-04	1.17E+02
BLDG_25	1.5	19.5	10.6	30.1	154	41.00	105.01	146.01	356.12	7.64	0.63	8.27	108.24	0.71	0.02	0.73	103.34	1.34E-04	2.92E-05	1.63E-04	1.22E+02
	3	19.5	10.6	30.1	154	41.00	104.85	145.85	355.72	7.64	0.63	8.27	108.23	0.71	0.02	0.73	103.34	1.34E-04	2.93E-05	1.63E-04	1.22E+02
	4.5	19.5	10.6	30.1	154	41.00	104.83	145.83	355.69	7.64	0.63	8.27	108.23	0.71	0.02	0.73	103.33	1.34E-04	2.94E-05	1.63E-04	1.22E+02
BLDG_16	1.5	19.5	10.7	30.3	155	41.00	102.07	143.07	348.95	7.64	0.56	8.20	107.28	0.71	0.03	0.74	104.43	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	3	19.5	10.6	30.1	154	41.00	99.00	140.00	341.47	7.64	0.55	8.19	107.18	0.71	0.03	0.74	104.31	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	6	19.5	10.4	29.9	153	41.00	98.27	139.27	339.69	7.64	0.54	8.18	107.12	0.71	0.03	0.74	104.19	1.34E-04	2.27E-05	1.57E-04	1.17E+02
	9	19.5	10.2	29.7	152	41.00	96.44	137.44	335.22	7.64	0.54	8.18	107.01	0.71	0.03	0.74	104.00	1.34E-04	2.26E-05	1.57E-04	1.17E+02
	12	19.5	9.8	29.3	150	41.00	95.22	136.22	332.23	7.64	0.52	8.16	106.86	0.71	0.03	0.74	103.78	1.34E-04	2.24E-05	1.56E-04	1.17E+02
	13.5	19.5	9.6	29.1	149	41.00	94.56	135.56	330.63	7.64	0.52	8.16	106.76	0.71	0.03	0.74	103.64	1.34E-04	2.22E-05	1.56E-04	1.17E+02
BLDG_22	1.5	19.5	15.0	34.5	177	41.00	112.48	153.48	374.33	7.64	0.96	8.60	112.53	0.71	0.03	0.74	104.12	1.34E-04	4.71E-05	1.81E-04	1.35E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	3	19.5	15.0	34.6	177	41.00	112.61	153.61	374.67	7.64	0.96	8.60	112.58	0.71	0.03	0.74	104.12	1.34E-04	4.73E-05	1.81E-04	1.35E+02
	4.5	19.5	15.0	34.6	177	41.00	112.65	153.65	374.75	7.64	0.96	8.60	112.59	0.71	0.03	0.74	104.11	1.34E-04	4.75E-05	1.81E-04	1.35E+02
	7.5	19.5	13.9	33.4	171	41.00	111.26	152.26	371.37	7.64	0.88	8.52	111.47	0.71	0.03	0.74	103.86	1.34E-04	4.30E-05	1.77E-04	1.32E+02
	10.5	19.5	13.6	33.2	170	41.00	110.95	151.95	370.62	7.64	0.86	8.50	111.25	0.71	0.03	0.74	103.77	1.34E-04	4.22E-05	1.76E-04	1.32E+02
	13.5	19.5	13.1	32.6	167	41.00	110.34	151.34	369.11	7.64	0.82	8.46	110.74	0.71	0.03	0.74	103.59	1.34E-04	4.03E-05	1.74E-04	1.30E+02
	16.5	19.5	12.2	31.7	162	41.00	109.44	150.44	366.94	7.64	0.76	8.40	109.90	0.71	0.02	0.73	103.33	1.34E-04	3.71E-05	1.71E-04	1.28E+02
	19.5	19.5	11.0	30.5	156	41.00	105.61	146.61	357.57	7.64	0.68	8.32	108.85	0.71	0.02	0.73	103.00	1.34E-04	3.31E-05	1.67E-04	1.25E+02
	22.5	19.5	9.6	29.2	149	41.00	102.43	143.43	349.83	7.64	0.59	8.23	107.68	0.71	0.02	0.73	102.65	1.34E-04	2.86E-05	1.63E-04	1.21E+02
	25.5	19.5	8.3	27.8	142	41.00	96.62	137.62	335.67	7.64	0.50	8.14	106.52	0.71	0.02	0.73	102.30	1.34E-04	2.42E-05	1.58E-04	1.18E+02
	28.5	19.5	7.0	26.5	136	41.00	91.62	132.62	323.47	7.64	0.42	8.06	105.46	0.71	0.01	0.72	101.99	1.34E-04	2.01E-05	1.54E-04	1.15E+02
	31.5	19.5	5.9	25.4	130	41.00	83.45	124.45	303.54	7.64	0.35	7.99	104.56	0.71	0.01	0.72	101.72	1.34E-04	1.67E-05	1.51E-04	1.12E+02
	34.5	19.5	5.0	24.5	126	41.00	77.51	118.51	289.06	7.64	0.29	7.93	103.84	0.71	0.01	0.72	101.51	1.34E-04	1.40E-05	1.48E-04	1.10E+02
	37.5	19.5	4.3	23.8	122	41.00	72.09	113.09	275.83	7.64	0.25	7.89	103.27	0.71	0.01	0.72	101.32	1.34E-04	1.18E-05	1.46E-04	1.09E+02
	40.5	19.5	3.7	23.2	119	41.00	63.95	104.95	255.98	7.64	0.21	7.85	102.80	0.71	0.01	0.72	101.17	1.34E-04	1.01E-05	1.44E-04	1.08E+02
	43.5	19.5	3.2	22.7	116	41.00	57.55	98.55	240.37	7.64	0.18	7.82	102.42	0.71	0.01	0.72	101.04	1.34E-04	8.65E-06	1.43E-04	1.06E+02
	46.5	19.5	2.8	22.3	114	41.00	50.86	91.86	224.05	7.64	0.16	7.80	102.11	0.71	0.01	0.72	100.92	1.34E-04	7.48E-06	1.41E-04	1.06E+02
	49.5	19.5	2.5	22.0	113	41.00	44.55	85.55	208.66	7.64	0.14	7.78	101.84	0.71	0.01	0.72	100.83	1.34E-04	6.52E-06	1.41E-04	1.05E+02
	52.5	19.5	2.2	21.7	111	41.00	39.64	80.64	196.68	7.64	0.12	7.76	101.63	0.71	0.01	0.72	100.74	1.34E-04	5.72E-06	1.40E-04	1.04E+02
	55.5	19.5	2.0	21.5	110	41.00	35.65	76.65	186.95	7.64	0.11	7.75	101.45	0.71	0.00	0.71	100.67	1.34E-04	5.06E-06	1.39E-04	1.04E+02
	58.5	19.5	1.8	21.3	109	41.00	33.03	74.03	180.55	7.64	0.10	7.74	101.29	0.71	0.00	0.71	100.61	1.34E-04	4.51E-06	1.39E-04	1.03E+02
	61.5	19.5	1.6	21.1	108	41.00	31.76	72.76	177.47	7.64	0.09	7.73	101.16	0.71	0.00	0.71	100.56	1.34E-04	4.05E-06	1.38E-04	1.03E+02
	64.5	19.5	1.4	21.0	107	41.00	30.71	71.71	174.91	7.64	0.08	7.72	101.05	0.71	0.00	0.71	100.51	1.34E-04	3.65E-06	1.38E-04	1.03E+02
	67.5	19.5	1.3	20.8	107	41.00	29.81	70.81	172.72	7.64	0.07	7.71	100.96	0.71	0.00	0.71	100.47	1.34E-04	3.32E-06	1.37E-04	1.02E+02
	70.5	19.5	1.2	20.7	106	41.00	28.07	69.07	168.46	7.64	0.07	7.71	100.88	0.71	0.00	0.71	100.44	1.34E-04	3.03E-06	1.37E-04	1.02E+02
	73.5	19.5	1.1	20.6	106	41.00	27.42	68.42	166.89	7.64	0.06	7.70	100.81	0.71	0.00	0.71	100.40	1.34E-04	2.78E-06	1.37E-04	1.02E+02
	76.5	19.5	1.0	20.6	105	41.00	26.96	67.96	165.75	7.64	0.06	7.70	100.75	0.71	0.00	0.71	100.38	1.34E-04	2.56E-06	1.37E-04	1.02E+02
	79.5	19.5	1.0	20.5	105	41.00	26.07	67.07	163.59	7.64	0.05	7.69	100.70	0.71	0.00	0.71	100.35	1.34E-04	2.37E-06	1.36E-04	1.02E+02
	82.5	19.5	0.9	20.4	105	41.00	25.61	66.61	162.46	7.64	0.05	7.69	100.65	0.71	0.00	0.71	100.33	1.34E-04	2.20E-06	1.36E-04	1.02E+02
	85.5	19.5	0.8	20.4	104	41.00	25.31	66.31	161.74	7.64	0.05	7.69	100.61	0.71	0.00	0.71	100.32	1.34E-04	2.05E-06	1.36E-04	1.02E+02
	88.5	19.5	0.8	20.3	104	41.00	24.64	65.64	160.09	7.64	0.04	7.68	100.57	0.71	0.00	0.71	100.30	1.34E-04	1.92E-06	1.36E-04	1.01E+02
	91.5	19.5	0.8	20.3	104	41.00	24.11	65.11	158.81	7.64	0.04	7.68	100.54	0.71	0.00	0.71	100.28	1.34E-04	1.80E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	104	41.00	23.48	64.48	157.26	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.27	1.34E-04	1.69E-06	1.36E-04	1.01E+02
	97.5	19.5	0.7	20.2	103	41.00	22.55	63.55	155.00	7.64	0.04	7.68	100.48	0.71	0.00	0.71	100.26	1.34E-04	1.59E-06	1.36E-04	1.01E+02
	100.5	19.5	0.6	20.2	103	41.00	22.24	63.24	154.24	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.25	1.34E-04	1.50E-06	1.35E-04	1.01E+02
BLDG_21	1.5	19.5	15.6	35.1	180	41.00	113.01	154.01	375.63	7.64	0.99	8.63	113.02	0.71	0.03	0.74	104.33	1.34E-04	4.89E-05	1.83E-04	1.36E+02
	3	19.5	15.6	35.1	180	41.00	113.07	154.07	375.78	7.64	1.00	8.64	113.05	0.71	0.03	0.74	104.32	1.34E-04	4.91E-05	1.83E-04	1.37E+02
	4.5	19.5	13.6	33.1	170	41.00	110.82	151.82	370.29	7.64	0.85	8.49	111.10	0.71	0.03	0.74	103.91	1.34E-04	4.12E-05	1.75E-04	1.31E+02
	6	19.5	15.5	35.1	180	41.00	113.00	154.00	375.62	7.64	0.99	8.63	113.01	0.71	0.03	0.74	104.28	1.34E-04	4.90E-05	1.83E-04	1.37E+02
	7.5	19.5	15.3	34.8	178	41.00	112.67	153.67	374.80	7.64	0.98	8.62	112.79	0.71	0.03	0.74	104.21	1.34E-04	4.82E-05	1.82E-04	1.36E+02
	9	19.5	15.3	34.8	178	41.00	112.60	153.60	374.63	7.64	0.98	8.62	112.76	0.71	0.03	0.74	104.18	1.34E-04	4.82E-05	1.82E-04	1.36E+02
	10.5	19.5	15.0	34.5	177	41.00	112.31	153.31	373.93	7.64	0.96	8.60	112.52	0.71	0.03	0.74	104.10	1.34E-04	4.73E-05	1.81E-04	1.35E+02
	12	19.5	13.9	33.5	171	41.00	110.94	151.94	370.57	7.64	0.88	8.52	111.51	0.71	0.03	0.74	103.84	1.34E-04	4.33E-05	1.77E-04	1.32E+02
	13.5	19.5	13.4	33.0	169	41.00	110.86	151.86	370.40	7.64	0.84	8.48	111.05	0.71	0.03	0.74	103.70	1.34E-04	4.15E-05	1.76E-04	1.31E+02
	15	19.5	12.9	32.4	166	41.00	109.67	150.67	367.48	7.64	0.80	8.44	110.52	0.71	0.03	0.73	103.53	1.34E-04	3.95E-05	1.73E-04	1.29E+02
	16.5	19.5	12.3	31.8	163	41.00	109.22	150.22	366.38	7.64	0.76	8.40	109.97	0.71	0.02	0.73	103.40	1.34E-04	3.73E-05	1.71E-04	1.28E+02
	18	19.5	11.5	31.0	159	41.00	106.90	147.90	360.73	7.64	0.71	8.35	109.28	0.71	0.02	0.73	103.16	1.34E-04	3.47E-05	1.69E-04	1.26E+02
	19.5	19.5	11.1	30.6	157	41.00	105.99	146.99	358.50	7.64	0.68	8.32	108.87	0.71	0.02	0.73	103.06	1.34E-04	3.31E-05	1.67E-04	1.25E+02
	21	19.5	10.0	29.5	151	41.00	102.55	143.55	350.12	7.64	0.61	8.25	107.92	0.71	0.02	0.73	102.83	1.34E-04	2.95E-05	1.64E-04	1.22E+02
	22.5	19.5	9.6	29.2	149	41.00	101.84	142.84	348.40	7.64	0.59	8.23	107.66	0.71	0.02	0.73	102.69	1.34E-04	2.85E-05	1.63E-04	1.21E+02
	24	19.5	8.7	28.3	145	41.00	96.95	137.95	336.47	7.64	0.53	8.17	106.88	0.71	0.02	0.73	102.49	1.34E-04	2.54E-05	1.59E-04	1.19E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	25.5	19.5	8.2	27.7	142	41.00	95.99	136.99	334.13	7.64	0.49	8.13	106.48	0.71	0.02	0.73	102.33	1.34E-04	2.40E-05	1.58E-04	1.18E+02
	27	19.5	7.5	27.0	138	41.00	92.61	133.61	325.87	7.64	0.45	8.09	105.86	0.71	0.02	0.73	102.17	1.34E-04	2.16E-05	1.56E-04	1.16E+02
	28.5	19.5	6.9	26.4	135	41.00	90.01	131.01	319.53	7.64	0.41	8.05	105.41	0.71	0.01	0.72	102.01	1.34E-04	1.99E-05	1.54E-04	1.15E+02
	30	19.5	6.4	25.9	133	41.00	84.75	125.75	306.70	7.64	0.38	8.02	104.94	0.71	0.01	0.72	101.87	1.34E-04	1.81E-05	1.52E-04	1.13E+02
	31.5	19.5	5.9	25.4	130	41.00	83.75	124.75	304.28	7.64	0.35	7.99	104.53	0.71	0.01	0.72	101.74	1.34E-04	1.65E-05	1.51E-04	1.12E+02
	33	19.5	5.4	24.9	128	41.00	77.01	118.01	287.84	7.64	0.32	7.96	104.15	0.71	0.01	0.72	101.62	1.34E-04	1.51E-05	1.49E-04	1.11E+02
	34.5	19.5	5.0	24.5	125	41.00	76.32	117.32	286.14	7.64	0.29	7.93	103.81	0.71	0.01	0.72	101.51	1.34E-04	1.38E-05	1.48E-04	1.10E+02
BLDG_23	1.5	19.5	13.7	33.2	170	41.00	111.13	152.13	371.06	7.64	0.86	8.50	111.29	0.71	0.03	0.74	103.82	1.34E-04	4.21E-05	1.76E-04	1.31E+02
	3	19.5	13.7	33.2	170	41.00	111.24	152.24	371.31	7.64	0.87	8.51	111.32	0.71	0.03	0.74	103.82	1.34E-04	4.23E-05	1.76E-04	1.32E+02
	4.5	19.5	13.7	33.3	170	41.00	111.30	152.30	371.46	7.64	0.87	8.51	111.34	0.71	0.03	0.74	103.82	1.34E-04	4.24E-05	1.76E-04	1.32E+02
	7.5	19.5	13.4	32.9	169	41.00	110.82	151.82	370.30	7.64	0.84	8.48	111.04	0.71	0.03	0.74	103.72	1.34E-04	4.13E-05	1.75E-04	1.31E+02
	10.5	19.5	13.2	32.7	167	41.00	110.55	151.55	369.64	7.64	0.83	8.47	110.83	0.71	0.03	0.74	103.63	1.34E-04	4.06E-05	1.75E-04	1.30E+02
	13.5	19.5	12.6	32.1	165	41.00	109.83	150.83	367.89	7.64	0.79	8.43	110.34	0.71	0.02	0.73	103.46	1.34E-04	3.88E-05	1.73E-04	1.29E+02
	16.5	19.5	11.8	31.3	160	41.00	108.62	149.62	364.93	7.64	0.73	8.37	109.56	0.71	0.02	0.73	103.21	1.34E-04	3.58E-05	1.70E-04	1.27E+02
	19.5	19.5	10.7	30.2	155	41.00	104.65	145.65	355.24	7.64	0.66	8.30	108.57	0.71	0.02	0.73	102.91	1.34E-04	3.21E-05	1.66E-04	1.24E+02
	22.5	19.5	9.3	28.8	148	41.00	102.06	143.06	348.92	7.64	0.57	8.21	107.42	0.71	0.02	0.73	102.57	1.34E-04	2.77E-05	1.62E-04	1.21E+02
	25.5	19.5	8.0	27.5	141	41.00	95.85	136.85	333.78	7.64	0.48	8.12	106.34	0.71	0.02	0.73	102.24	1.34E-04	2.35E-05	1.57E-04	1.18E+02
	28.5	19.5	6.8	26.3	135	41.00	90.84	131.84	321.56	7.64	0.41	8.05	105.33	0.71	0.01	0.72	101.95	1.34E-04	1.97E-05	1.54E-04	1.15E+02
	31.5	19.5	5.8	25.4	130	41.00	82.67	123.67	301.64	7.64	0.35	7.99	104.53	0.71	0.01	0.72	101.70	1.34E-04	1.66E-05	1.51E-04	1.12E+02
	34.5	19.5	5.0	24.5	126	41.00	77.83	118.83	289.82	7.64	0.29	7.93	103.85	0.71	0.01	0.72	101.48	1.34E-04	1.40E-05	1.48E-04	1.10E+02
	37.5	19.5	4.3	23.8	122	41.00	72.13	113.13	275.93	7.64	0.25	7.89	103.28	0.71	0.01	0.72	101.30	1.34E-04	1.19E-05	1.46E-04	1.09E+02
	40.5	19.5	3.7	23.2	119	41.00	65.00	106.00	258.53	7.64	0.22	7.86	102.81	0.71	0.01	0.72	101.14	1.34E-04	1.02E-05	1.44E-04	1.08E+02
	43.5	19.5	3.2	22.7	116	41.00	56.38	97.38	237.52	7.64	0.19	7.83	102.43	0.71	0.01	0.72	101.01	1.34E-04	8.73E-06	1.43E-04	1.07E+02
	46.5	19.5	2.8	22.3	114	41.00	51.20	92.20	224.87	7.64	0.16	7.80	102.12	0.71	0.01	0.72	100.90	1.34E-04	7.56E-06	1.42E-04	1.06E+02
	49.5	19.5	2.5	22.0	113	41.00	45.42	86.42	210.77	7.64	0.14	7.78	101.85	0.71	0.01	0.72	100.81	1.34E-04	6.59E-06	1.41E-04	1.05E+02
	52.5	19.5	2.2	21.7	111	41.00	40.55	81.55	198.89	7.64	0.12	7.76	101.63	0.71	0.01	0.71	100.73	1.34E-04	5.78E-06	1.40E-04	1.04E+02
	55.5	19.5	2.0	21.5	110	41.00	36.02	77.02	187.84	7.64	0.11	7.75	101.45	0.71	0.00	0.71	100.66	1.34E-04	5.11E-06	1.39E-04	1.04E+02
	58.5	19.5	1.8	21.3	109	41.00	32.73	73.73	179.84	7.64	0.10	7.74	101.30	0.71	0.00	0.71	100.60	1.34E-04	4.55E-06	1.39E-04	1.03E+02
	61.5	19.5	1.6	21.1	108	41.00	31.39	72.39	176.56	7.64	0.09	7.73	101.17	0.71	0.00	0.71	100.55	1.34E-04	4.08E-06	1.38E-04	1.03E+02
	64.5	19.5	1.4	21.0	107	41.00	30.47	71.47	174.31	7.64	0.08	7.72	101.06	0.71	0.00	0.71	100.50	1.34E-04	3.68E-06	1.38E-04	1.03E+02
	67.5	19.5	1.3	20.8	107	41.00	29.96	70.96	173.07	7.64	0.07	7.71	100.96	0.71	0.00	0.71	100.46	1.34E-04	3.34E-06	1.37E-04	1.02E+02
	70.5	19.5	1.2	20.7	106	41.00	27.76	68.76	167.70	7.64	0.07	7.71	100.88	0.71	0.00	0.71	100.43	1.34E-04	3.05E-06	1.37E-04	1.02E+02
	73.5	19.5	1.1	20.6	106	41.00	26.85	67.85	165.49	7.64	0.06	7.70	100.81	0.71	0.00	0.71	100.40	1.34E-04	2.80E-06	1.37E-04	1.02E+02
	76.5	19.5	1.0	20.5	105	41.00	26.55	67.55	164.76	7.64	0.06	7.70	100.75	0.71	0.00	0.71	100.37	1.34E-04	2.58E-06	1.37E-04	1.02E+02
	79.5	19.5	1.0	20.5	105	41.00	25.92	66.92	163.22	7.64	0.05	7.69	100.70	0.71	0.00	0.71	100.35	1.34E-04	2.38E-06	1.36E-04	1.02E+02
	82.5	19.5	0.9	20.4	105	41.00	25.33	66.33	161.79	7.64	0.05	7.69	100.65	0.71	0.00	0.71	100.33	1.34E-04	2.21E-06	1.36E-04	1.02E+02
	85.5	19.5	0.8	20.4	104	41.00	25.08	66.08	161.17	7.64	0.05	7.69	100.61	0.71	0.00	0.71	100.31	1.34E-04	2.06E-06	1.36E-04	1.02E+02
	88.5	19.5	0.8	20.3	104	41.00	24.62	65.62	160.04	7.64	0.04	7.68	100.57	0.71	0.00	0.71	100.29	1.34E-04	1.92E-06	1.36E-04	1.01E+02
	91.5	19.5	0.7	20.3	104	41.00	23.92	64.92	158.35	7.64	0.04	7.68	100.53	0.71	0.00	0.71	100.28	1.34E-04	1.80E-06	1.36E-04	1.01E+02
	94.5	19.5	0.7	20.2	104	41.00	23.60	64.60	157.56	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.26	1.34E-04	1.69E-06	1.36E-04	1.01E+02
	97.5	19.5	0.7	20.2	103	41.00	22.80	63.80	155.62	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.25	1.34E-04	1.59E-06	1.36E-04	1.01E+02
	100.5	19.5	0.6	20.1	103	41.00	22.10	63.10	153.90	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.24	1.34E-04	1.50E-06	1.35E-04	1.01E+02
	103.5	19.5	0.6	20.1	103	41.00	21.78	62.78	153.11	7.64	0.03	7.67	100.43	0.71	0.00	0.71	100.23	1.34E-04	1.42E-06	1.35E-04	1.01E+02
	106.5	19.5	0.6	20.1	103	41.00	21.49	62.49	152.42	7.64	0.03	7.67	100.40	0.71	0.00	0.71	100.22	1.34E-04	1.34E-06	1.35E-04	1.01E+02
	109.5	19.5	0.6	20.1	103	41.00	21.19	62.19	151.68	7.64	0.03	7.67	100.38	0.71	0.00	0.71	100.21	1.34E-04	1.27E-06	1.35E-04	1.01E+02
	112.5	19.5	0.5	20.0	103	41.00	20.99	61.99	151.20	7.64	0.03	7.67	100.37	0.71	0.00	0.71	100.21	1.34E-04	1.20E-06	1.35E-04	1.01E+02
	115.5	19.5	0.5	20.0	103	41.00	20.82	61.82	150.79	7.64	0.03	7.67	100.35	0.71	0.00	0.71	100.20	1.34E-04	1.14E-06	1.35E-04	1.01E+02
BLDG_24	1.5	19.5	10.9	30.4	156	41.00	105.50	146.50	357.31	7.64	0.65	8.29	108.55	0.71	0.02	0.73	103.32	1.34E-04	3.08E-05	1.65E-04	1.23E+02
	3	19.5	10.9	30.4	156	41.00	105.37	146.37	356.99	7.64	0.65	8.29	108.55	0.71	0.02	0.73	103.31	1.34E-04	3.09E-05	1.65E-04	1.23E+02
	4.5	19.5	10.8	30.4	156	41.00	105.36	146.36	356.96	7.64	0.65	8.29	108.55	0.71	0.02	0.73	103.30	1.34E-04	3.10E-05	1.65E-04	1.23E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	7.5	19.5	10.6	30.1	154	41.00	104.99	145.99	356.07	7.64	0.64	8.28	108.34	0.71	0.02	0.73	103.23	1.34E-04	3.02E-05	1.64E-04	1.23E+02
	10.5	19.5	10.4	30.0	154	41.00	104.80	145.80	355.61	7.64	0.63	8.27	108.23	0.71	0.02	0.73	103.15	1.34E-04	2.99E-05	1.64E-04	1.22E+02
	13.5	19.5	10.2	29.7	152	41.00	104.27	145.27	354.31	7.64	0.61	8.25	108.01	0.71	0.02	0.73	103.05	1.34E-04	2.92E-05	1.63E-04	1.22E+02
	16.5	19.5	9.7	29.2	150	41.00	102.18	143.18	349.22	7.64	0.58	8.22	107.63	0.71	0.02	0.73	102.88	1.34E-04	2.79E-05	1.62E-04	1.21E+02
	19.5	19.5	9.1	28.6	147	41.00	98.97	139.97	341.40	7.64	0.54	8.18	107.11	0.71	0.02	0.73	102.67	1.34E-04	2.60E-05	1.60E-04	1.19E+02
	22.5	19.5	8.3	27.8	142	41.00	95.86	136.86	333.80	7.64	0.49	8.13	106.46	0.71	0.02	0.73	102.40	1.34E-04	2.37E-05	1.58E-04	1.18E+02
	25.5	19.5	7.4	26.9	138	41.00	88.97	129.97	317.01	7.64	0.44	8.08	105.76	0.71	0.02	0.73	102.15	1.34E-04	2.10E-05	1.55E-04	1.16E+02
	28.5	19.5	6.5	26.0	133	41.00	84.50	125.50	306.10	7.64	0.39	8.03	105.04	0.71	0.01	0.72	101.93	1.34E-04	1.84E-05	1.52E-04	1.14E+02
	31.5	19.5	5.7	25.2	129	41.00	78.57	119.57	291.64	7.64	0.33	7.97	104.37	0.71	0.01	0.72	101.72	1.34E-04	1.59E-05	1.50E-04	1.12E+02
	34.5	19.5	4.9	24.4	125	41.00	73.28	114.28	278.72	7.64	0.29	7.93	103.77	0.71	0.01	0.72	101.54	1.34E-04	1.37E-05	1.48E-04	1.10E+02
	37.5	19.5	4.3	23.8	122	41.00	67.60	108.60	264.89	7.64	0.25	7.89	103.26	0.71	0.01	0.72	101.38	1.34E-04	1.18E-05	1.46E-04	1.09E+02
	40.5	19.5	3.8	23.3	120	41.00	61.09	102.09	249.00	7.64	0.22	7.86	102.86	0.71	0.01	0.72	101.24	1.34E-04	1.02E-05	1.44E-04	1.08E+02
	43.5	19.5	3.4	22.9	117	41.00	54.88	95.88	233.86	7.64	0.19	7.83	102.53	0.71	0.01	0.72	101.12	1.34E-04	8.94E-06	1.43E-04	1.07E+02
	46.5	19.5	3.0	22.5	115	41.00	48.81	89.81	219.06	7.64	0.17	7.81	102.24	0.71	0.01	0.72	101.01	1.34E-04	7.91E-06	1.42E-04	1.06E+02
	49.5	19.5	2.7	22.2	114	41.00	42.28	83.28	203.12	7.64	0.15	7.79	102.00	0.71	0.01	0.72	100.91	1.34E-04	7.02E-06	1.41E-04	1.05E+02
	52.5	19.5	2.4	21.9	112	41.00	37.70	78.70	191.95	7.64	0.14	7.78	101.79	0.71	0.01	0.72	100.83	1.34E-04	6.26E-06	1.40E-04	1.05E+02
	55.5	19.5	2.2	21.7	111	41.00	34.61	75.61	184.41	7.64	0.12	7.76	101.61	0.71	0.01	0.72	100.75	1.34E-04	5.61E-06	1.40E-04	1.04E+02
	58.5	19.5	2.0	21.5	110	41.00	31.73	72.73	177.39	7.64	0.11	7.75	101.45	0.71	0.00	0.71	100.68	1.34E-04	5.05E-06	1.39E-04	1.04E+02
	61.5	19.5	1.8	21.3	109	41.00	29.33	70.33	171.53	7.64	0.10	7.74	101.32	0.71	0.00	0.71	100.62	1.34E-04	4.57E-06	1.39E-04	1.03E+02
	64.5	19.5	1.6	21.2	108	41.00	27.50	68.50	167.06	7.64	0.09	7.73	101.20	0.71	0.00	0.71	100.56	1.34E-04	4.16E-06	1.38E-04	1.03E+02
	67.5	19.5	1.5	21.0	108	41.00	26.52	67.52	164.68	7.64	0.08	7.72	101.10	0.71	0.00	0.71	100.52	1.34E-04	3.80E-06	1.38E-04	1.03E+02
	70.5	19.5	1.4	20.9	107	41.00	25.86	66.86	163.08	7.64	0.08	7.72	101.01	0.71	0.00	0.71	100.48	1.34E-04	3.48E-06	1.37E-04	1.03E+02
	73.5	19.5	1.3	20.8	107	41.00	25.22	66.22	161.52	7.64	0.07	7.71	100.93	0.71	0.00	0.71	100.44	1.34E-04	3.20E-06	1.37E-04	1.02E+02
	76.5	19.5	1.2	20.7	106	41.00	24.06	65.06	158.67	7.64	0.07	7.71	100.86	0.71	0.00	0.71	100.41	1.34E-04	2.95E-06	1.37E-04	1.02E+02
	79.5	19.5	1.0	20.5	105	41.00	22.97	63.97	156.02	7.64	0.06	7.70	100.74	0.71	0.00	0.71	100.36	1.34E-04	2.55E-06	1.37E-04	1.02E+02
	82.5	19.5	0.9	20.5	105	41.00	21.97	62.97	153.60	7.64	0.05	7.69	100.69	0.71	0.00	0.71	100.34	1.34E-04	2.36E-06	1.36E-04	1.02E+02
	85.5	19.5	0.9	20.4	105	41.00	21.81	62.81	153.19	7.64	0.05	7.69	100.65	0.71	0.00	0.71	100.32	1.34E-04	2.20E-06	1.36E-04	1.02E+02
	88.5	19.5	0.8	20.4	104	41.00	21.58	62.58	152.63	7.64	0.05	7.69	100.61	0.71	0.00	0.71	100.30	1.34E-04	2.06E-06	1.36E-04	1.02E+02
	91.5	19.5	0.8	20.3	104	41.00	21.04	62.04	151.33	7.64	0.04	7.68	100.57	0.71	0.00	0.71	100.28	1.34E-04	1.93E-06	1.36E-04	1.01E+02
BLDG_04	1.5	19.5	17.5	37.0	190	41.00	111.89	152.89	372.91	7.64	1.03	8.67	113.45	0.71	0.12	0.83	117.05	1.34E-04	6.18E-05	1.96E-04	1.46E+02
	3	19.5	17.3	36.8	189	41.00	111.17	152.17	371.14	7.64	1.00	8.64	113.15	0.71	0.11	0.82	115.49	1.34E-04	5.93E-05	1.93E-04	1.44E+02
	4.5	19.5	17.0	36.5	187	41.00	110.90	151.90	370.49	7.64	0.99	8.63	112.92	0.71	0.10	0.81	114.02	1.34E-04	5.66E-05	1.91E-04	1.42E+02
	7.5	19.5	16.1	35.6	183	41.00	110.20	151.20	368.77	7.64	0.92	8.56	112.04	0.71	0.08	0.79	110.97	1.34E-04	4.93E-05	1.83E-04	1.37E+02
	10.5	19.5	15.1	34.6	177	41.00	109.51	150.51	367.10	7.64	0.87	8.51	111.33	0.71	0.06	0.77	109.03	1.34E-04	4.47E-05	1.79E-04	1.33E+02
	13.5	19.5	13.9	33.4	171	41.00	107.20	148.20	361.47	7.64	0.79	8.43	110.39	0.71	0.05	0.76	107.48	1.34E-04	4.01E-05	1.74E-04	1.30E+02
	16.5	19.5	12.4	31.9	163	41.00	100.93	141.93	346.17	7.64	0.71	8.35	109.26	0.71	0.04	0.75	106.19	1.34E-04	3.53E-05	1.69E-04	1.26E+02
	19.5	19.5	10.8	30.3	155	41.00	95.37	136.37	332.62	7.64	0.61	8.25	108.04	0.71	0.04	0.75	105.12	1.34E-04	3.03E-05	1.64E-04	1.23E+02
	22.5	19.5	9.2	28.7	147	41.00	94.77	135.77	331.14	7.64	0.52	8.16	106.83	0.71	0.03	0.74	104.24	1.34E-04	2.54E-05	1.59E-04	1.19E+02
	25.5	19.5	7.8	27.3	140	41.00	92.98	133.98	326.79	7.64	0.44	8.08	105.74	0.71	0.03	0.74	103.60	1.34E-04	2.11E-05	1.55E-04	1.16E+02
	28.5	19.5	6.7	26.2	134	41.00	102.68	143.68	350.44	7.64	0.37	8.01	104.82	0.71	0.02	0.73	103.10	1.34E-04	1.74E-05	1.51E-04	1.13E+02
	31.5	19.5	5.8	25.3	130	41.00	104.61	145.61	355.14	7.64	0.31	7.95	104.11	0.71	0.02	0.73	102.71	1.34E-04	1.45E-05	1.48E-04	1.11E+02
	34.5	19.5	5.0	24.5	126	41.00	100.61	141.61	345.38	7.64	0.27	7.91	103.54	0.71	0.02	0.73	102.38	1.34E-04	1.21E-05	1.46E-04	1.09E+02
	37.5	19.5	4.4	23.9	122	41.00	103.74	144.74	353.03	7.64	0.23	7.87	103.06	0.71	0.01	0.72	102.10	1.34E-04	1.03E-05	1.44E-04	1.08E+02
	40.5	19.5	3.8	23.3	120	41.00	103.99	144.99	353.63	7.64	0.20	7.84	102.66	0.71	0.01	0.72	101.85	1.34E-04	8.85E-06	1.43E-04	1.07E+02
	43.5	19.5	3.4	22.9	117	41.00	102.74	143.74	350.59	7.64	0.18	7.82	102.31	0.71	0.01	0.72	101.63	1.34E-04	7.64E-06	1.42E-04	1.06E+02
	46.5	19.5	2.9	22.5	115	41.00	89.72	130.72	318.83	7.64	0.15	7.79	102.02	0.71	0.01	0.72	101.44	1.34E-04	6.65E-06	1.41E-04	1.05E+02
	49.5	19.5	2.6	22.1	113	41.00	74.86	115.86	282.59	7.64	0.13	7.77	101.77	0.71	0.01	0.72	101.26	1.34E-04	5.84E-06	1.40E-04	1.04E+02
	52.5	19.5	2.3	21.8	112	41.00	59.30	100.30	244.64	7.64	0.12	7.76	101.55	0.71	0.01	0.72	101.11	1.34E-04	5.15E-06	1.39E-04	1.04E+02
	55.5	19.5	2.0	21.5	110	41.00	46.17	87.17	212.61	7.64	0.10	7.74	101.37	0.71	0.01	0.72	100.98	1.34E-04	4.58E-06	1.39E-04	1.03E+02
	58.5	19.5	1.8	21.3	109	41.00	41.17	82.17	200.41	7.64	0.09	7.73	101.22	0.71	0.01	0.72	100.89	1.34E-04	4.10E-06	1.38E-04	1.03E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	61.5	19.5	1.6	21.1	108	41.00	37.84	78.84	192.28	7.64	0.08	7.72	101.10	0.71	0.01	0.72	100.81	1.34E-04	3.69E-06	1.38E-04	1.03E+02
	64.5	19.5	1.4	21.0	107	41.00	35.55	76.55	186.71	7.64	0.08	7.72	100.99	0.71	0.01	0.72	100.74	1.34E-04	3.34E-06	1.37E-04	1.02E+02
	67.5	19.5	1.3	20.8	107	41.00	34.60	75.60	184.40	7.64	0.07	7.71	100.90	0.71	0.00	0.71	100.69	1.34E-04	3.04E-06	1.37E-04	1.02E+02
	70.5	19.5	1.2	20.7	106	41.00	33.35	74.35	181.34	7.64	0.06	7.70	100.83	0.71	0.00	0.71	100.64	1.34E-04	2.79E-06	1.37E-04	1.02E+02
	73.5	19.5	1.1	20.7	106	41.00	32.78	73.78	179.94	7.64	0.06	7.70	100.76	0.71	0.00	0.71	100.60	1.34E-04	2.56E-06	1.37E-04	1.02E+02
	76.5	19.5	1.1	20.6	105	41.00	31.92	72.92	177.85	7.64	0.05	7.69	100.71	0.71	0.00	0.71	100.56	1.34E-04	2.36E-06	1.36E-04	1.02E+02
	79.5	19.5	1.0	20.5	105	41.00	31.04	72.04	175.71	7.64	0.05	7.69	100.66	0.71	0.00	0.71	100.53	1.34E-04	2.19E-06	1.36E-04	1.02E+02
	82.5	19.5	0.9	20.5	105	41.00	30.53	71.53	174.47	7.64	0.05	7.69	100.62	0.71	0.00	0.71	100.50	1.34E-04	2.03E-06	1.36E-04	1.02E+02
	85.5	19.5	0.9	20.4	105	41.00	29.95	70.95	173.05	7.64	0.04	7.68	100.59	0.71	0.00	0.71	100.47	1.34E-04	1.89E-06	1.36E-04	1.01E+02
	88.5	19.5	0.8	20.4	104	41.00	29.22	70.22	171.27	7.64	0.04	7.68	100.55	0.71	0.00	0.71	100.45	1.34E-04	1.76E-06	1.36E-04	1.01E+02
	91.5	19.5	0.8	20.3	104	41.00	28.71	69.71	170.03	7.64	0.04	7.68	100.52	0.71	0.00	0.71	100.43	1.34E-04	1.65E-06	1.36E-04	1.01E+02
	94.5	19.5	0.8	20.3	104	41.00	28.04	69.04	168.39	7.64	0.04	7.68	100.50	0.71	0.00	0.71	100.41	1.34E-04	1.56E-06	1.36E-04	1.01E+02
	97.5	19.5	0.7	20.2	104	41.00	27.49	68.49	167.04	7.64	0.04	7.68	100.47	0.71	0.00	0.71	100.39	1.34E-04	1.46E-06	1.35E-04	1.01E+02
	100.5	19.5	0.7	20.2	104	41.00	26.89	67.89	165.59	7.64	0.03	7.67	100.45	0.71	0.00	0.71	100.37	1.34E-04	1.39E-06	1.35E-04	1.01E+02
	103.5	19.5	0.7	20.2	103	41.00	26.43	67.43	164.45	7.64	0.03	7.67	100.43	0.71	0.00	0.71	100.36	1.34E-04	1.32E-06	1.35E-04	1.01E+02
	106.5	19.5	0.6	20.2	103	41.00	25.84	66.84	163.02	7.64	0.03	7.67	100.41	0.71	0.00	0.71	100.34	1.34E-04	1.25E-06	1.35E-04	1.01E+02
	109.5	19.5	0.6	20.1	103	41.00	25.39	66.39	161.92	7.64	0.03	7.67	100.39	0.71	0.00	0.71	100.33	1.34E-04	1.19E-06	1.35E-04	1.01E+02
	112.5	19.5	0.6	20.1	103	41.00	24.81	65.81	160.51	7.64	0.03	7.67	100.38	0.71	0.00	0.71	100.31	1.34E-04	1.14E-06	1.35E-04	1.01E+02
	115.5	19.5	0.6	20.1	103	41.00	24.06	65.06	158.69	7.64	0.03	7.67	100.36	0.71	0.00	0.71	100.30	1.34E-04	1.08E-06	1.35E-04	1.01E+02
	118.5	19.5	0.5	20.1	103	41.00	23.44	64.44	157.18	7.64	0.03	7.67	100.34	0.71	0.00	0.71	100.29	1.34E-04	1.04E-06	1.35E-04	1.01E+02
	121.5	19.5	0.5	20.0	103	41.00	22.39	63.39	154.60	7.64	0.03	7.67	100.33	0.71	0.00	0.71	100.28	1.34E-04	9.92E-07	1.35E-04	1.01E+02
	124.5	19.5	0.5	20.0	103	41.00	21.77	62.77	153.09	7.64	0.02	7.66	100.32	0.71	0.00	0.71	100.27	1.34E-04	9.50E-07	1.35E-04	1.01E+02
	127.5	19.5	0.5	20.0	102	41.00	21.07	62.07	151.38	7.64	0.02	7.66	100.31	0.71	0.00	0.71	100.26	1.34E-04	9.10E-07	1.35E-04	1.01E+02
	130.5	19.5	0.5	20.0	102	41.00	20.28	61.28	149.46	7.64	0.02	7.66	100.29	0.71	0.00	0.71	100.25	1.34E-04	8.66E-07	1.35E-04	1.01E+02
	133.5	19.5	0.4	20.0	102	41.00	19.67	60.67	147.97	7.64	0.02	7.66	100.28	0.71	0.00	0.71	100.24	1.34E-04	8.28E-07	1.35E-04	1.01E+02
	136.5	19.5	0.4	19.9	102	41.00	19.39	60.39	147.28	7.64	0.02	7.66	100.27	0.71	0.00	0.71	100.24	1.34E-04	7.94E-07	1.35E-04	1.01E+02
	139.5	19.5	0.4	19.9	102	41.00	19.18	60.18	146.79	7.64	0.02	7.66	100.26	0.71	0.00	0.71	100.23	1.34E-04	7.63E-07	1.35E-04	1.01E+02
	142.5	19.5	0.4	19.9	102	41.00	19.02	60.02	146.39	7.64	0.02	7.66	100.25	0.71	0.00	0.71	100.22	1.34E-04	7.35E-07	1.35E-04	1.01E+02
	145.5	19.5	0.4	19.9	102	41.00	18.84	59.84	145.95	7.64	0.02	7.66	100.24	0.71	0.00	0.71	100.21	1.34E-04	7.07E-07	1.35E-04	1.01E+02
BLDG_03	1.5	19.5	13.8	33.3	171	41.00	106.27	147.27	359.19	7.64	0.77	8.41	110.09	0.71	0.04	0.75	105.50	1.34E-04	3.41E-05	1.68E-04	1.25E+02
	3	19.5	13.7	33.2	170	41.00	105.88	146.88	358.25	7.64	0.77	8.41	110.02	0.71	0.04	0.75	105.43	1.34E-04	3.41E-05	1.68E-04	1.25E+02
	4.5	19.5	13.6	33.1	169	41.00	105.80	146.80	358.04	7.64	0.76	8.40	109.93	0.71	0.04	0.75	105.34	1.34E-04	3.39E-05	1.68E-04	1.25E+02
BLDG_32	1.5	19.5	13.0	32.5	167	41.00	102.66	143.66	350.38	7.64	0.60	8.24	107.79	0.71	0.04	0.75	106.16	1.34E-04	2.18E-05	1.56E-04	1.16E+02
	3	19.5	12.8	32.3	166	41.00	101.40	142.40	347.32	7.64	0.59	8.23	107.70	0.71	0.04	0.75	106.02	1.34E-04	2.18E-05	1.56E-04	1.16E+02
	6	19.5	11.9	31.4	161	41.00	96.92	137.92	336.39	7.64	0.56	8.20	107.27	0.71	0.04	0.75	105.46	1.34E-04	2.19E-05	1.56E-04	1.16E+02
	7.5	19.5	10.9	30.4	156	41.00	95.38	136.38	332.63	7.64	0.53	8.17	106.90	0.71	0.03	0.74	104.68	1.34E-04	2.18E-05	1.56E-04	1.16E+02
	9	19.5	11.3	30.8	158	41.00	93.43	134.43	327.88	7.64	0.53	8.17	106.95	0.71	0.04	0.75	105.05	1.34E-04	2.14E-05	1.55E-04	1.16E+02
	10.5	19.5	10.3	29.9	153	41.00	92.44	133.44	325.45	7.64	0.51	8.15	106.66	0.71	0.03	0.74	104.38	1.34E-04	2.12E-05	1.55E-04	1.16E+02
	12	19.5	10.4	30.0	154	41.00	92.39	133.39	325.33	7.64	0.50	8.14	106.58	0.71	0.03	0.74	104.58	1.34E-04	2.12E-05	1.55E-04	1.16E+02
	13.5	19.5	9.7	29.2	150	41.00	92.22	133.22	324.93	7.64	0.49	8.13	106.41	0.71	0.03	0.74	104.01	1.34E-04	2.10E-05	1.55E-04	1.16E+02
	15	19.5	9.6	29.1	149	41.00	93.20	134.20	327.31	7.64	0.49	8.13	106.35	0.71	0.03	0.74	104.07	1.34E-04	2.10E-05	1.55E-04	1.16E+02
	16.5	19.5	9.1	28.7	147	41.00	91.71	132.71	323.67	7.64	0.47	8.11	106.16	0.71	0.03	0.74	103.83	1.34E-04	2.05E-05	1.54E-04	1.15E+02
	18	19.5	8.6	28.1	144	41.00	90.20	131.20	320.01	7.64	0.46	8.10	106.05	0.71	0.02	0.73	103.37	1.34E-04	2.03E-05	1.54E-04	1.15E+02
	19.5	19.5	8.2	27.8	142	41.00	88.73	129.73	316.42	7.64	0.45	8.09	105.89	0.71	0.02	0.73	103.30	1.34E-04	1.98E-05	1.54E-04	1.15E+02
	21	19.5	7.5	27.1	139	41.00	84.07	125.07	305.04	7.64	0.41	8.05	105.37	0.71	0.02	0.73	102.77	1.34E-04	1.78E-05	1.52E-04	1.13E+02
	22.5	19.5	7.4	26.9	138	41.00	83.65	124.65	304.03	7.64	0.41	8.05	105.35	0.71	0.02	0.73	102.64	1.34E-04	1.81E-05	1.52E-04	1.14E+02
	24	19.5	6.9	26.5	136	41.00	81.29	122.29	298.26	7.64	0.38	8.02	105.02	0.71	0.02	0.73	102.51	1.34E-04	1.68E-05	1.51E-04	1.13E+02
	25.5	19.5	6.8	26.3	135	41.00	80.35	121.35	295.99	7.64	0.38	8.02	104.96	0.71	0.02	0.73	102.39	1.34E-04	1.70E-05	1.51E-04	1.13E+02
	27	19.5	6.4	25.9	133	41.00	78.06	119.06	290.39	7.64	0.35	7.99	104.64	0.71	0.02	0.73	102.27	1.34E-04	1.57E-05	1.50E-04	1.12E+02
	28.5	19.5	6.2	25.7	132	41.00	77.52	118.52	289.06	7.64	0.35	7.99	104.54	0.71	0.02	0.73	102.16	1.34E-04	1.56E-05	1.50E-04	1.12E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	30	19.5	5.8	25.3	130	41.00	75.53	116.53	284.21	7.64	0.32	7.96	104.25	0.71	0.01	0.72	102.05	1.34E-04	1.45E-05	1.48E-04	1.11E+02
	31.5	19.5	5.6	25.1	129	41.00	74.63	115.63	282.03	7.64	0.31	7.95	104.12	0.71	0.01	0.72	101.95	1.34E-04	1.42E-05	1.48E-04	1.11E+02
	33	19.5	5.3	24.8	127	41.00	73.12	114.12	278.35	7.64	0.29	7.93	103.85	0.71	0.01	0.72	101.85	1.34E-04	1.32E-05	1.47E-04	1.10E+02
	34.5	19.5	5.0	24.6	126	41.00	70.79	111.79	272.66	7.64	0.28	7.92	103.70	0.71	0.01	0.72	101.76	1.34E-04	1.28E-05	1.47E-04	1.10E+02
	36	19.5	4.7	24.3	124	41.00	71.31	112.31	273.92	7.64	0.26	7.90	103.47	0.71	0.01	0.72	101.67	1.34E-04	1.19E-05	1.46E-04	1.09E+02
	37.5	19.5	4.5	24.0	123	41.00	68.44	109.44	266.93	7.64	0.25	7.89	103.31	0.71	0.01	0.72	101.59	1.34E-04	1.14E-05	1.45E-04	1.09E+02
	39	19.5	4.3	23.8	122	41.00	65.83	106.83	260.57	7.64	0.24	7.88	103.10	0.71	0.01	0.72	101.51	1.34E-04	1.06E-05	1.45E-04	1.08E+02
	40.5	19.5	4.0	23.6	121	41.00	64.08	105.08	256.30	7.64	0.23	7.87	102.95	0.71	0.01	0.72	101.43	1.34E-04	1.02E-05	1.44E-04	1.08E+02
	42	19.5	3.8	23.3	120	41.00	60.89	101.89	248.52	7.64	0.21	7.85	102.77	0.71	0.01	0.72	101.36	1.34E-04	9.45E-06	1.43E-04	1.07E+02
	43.5	19.5	3.6	23.1	118	41.00	57.69	98.69	240.70	7.64	0.20	7.84	102.63	0.71	0.01	0.72	101.29	1.34E-04	9.01E-06	1.43E-04	1.07E+02
	45	19.5	3.4	22.9	117	41.00	54.40	95.40	232.69	7.64	0.19	7.83	102.47	0.71	0.01	0.72	101.22	1.34E-04	8.40E-06	1.42E-04	1.06E+02
	46.5	19.5	3.2	22.7	117	41.00	51.06	92.06	224.55	7.64	0.18	7.82	102.34	0.71	0.01	0.72	101.16	1.34E-04	8.01E-06	1.42E-04	1.06E+02
	48	19.5	3.0	22.6	116	41.00	49.29	90.29	220.21	7.64	0.17	7.81	102.21	0.71	0.01	0.72	101.10	1.34E-04	7.49E-06	1.41E-04	1.06E+02
	49.5	19.5	2.9	22.4	115	41.00	44.78	85.78	209.23	7.64	0.16	7.80	102.10	0.71	0.01	0.72	101.05	1.34E-04	7.14E-06	1.41E-04	1.05E+02
	51	19.5	2.7	22.3	114	41.00	42.50	83.50	203.67	7.64	0.15	7.79	101.98	0.71	0.01	0.72	100.99	1.34E-04	6.70E-06	1.41E-04	1.05E+02
	52.5	19.5	2.6	22.1	113	41.00	37.79	78.79	192.18	7.64	0.14	7.78	101.88	0.71	0.01	0.72	100.94	1.34E-04	6.40E-06	1.40E-04	1.05E+02
	54	19.5	2.5	22.0	113	41.00	35.10	76.10	185.62	7.64	0.14	7.78	101.78	0.71	0.01	0.72	100.90	1.34E-04	6.02E-06	1.40E-04	1.04E+02
	55.5	19.5	2.3	21.9	112	41.00	32.66	73.66	179.66	7.64	0.13	7.77	101.69	0.71	0.01	0.72	100.85	1.34E-04	5.75E-06	1.40E-04	1.04E+02
	57	19.5	2.2	21.7	111	41.00	30.31	71.31	173.94	7.64	0.12	7.76	101.60	0.71	0.01	0.72	100.81	1.34E-04	5.44E-06	1.39E-04	1.04E+02
	58.5	19.5	2.1	21.6	111	41.00	29.29	70.29	171.45	7.64	0.12	7.76	101.53	0.71	0.01	0.72	100.77	1.34E-04	5.20E-06	1.39E-04	1.04E+02
BLDG_36	1.5	19.5	11.0	30.5	156	41.00	104.66	145.66	355.26	7.64	0.63	8.27	108.24	0.71	0.03	0.74	103.94	1.34E-04	2.82E-05	1.62E-04	1.21E+02
	3	19.5	11.0	30.5	156	41.00	104.54	145.54	354.98	7.64	0.63	8.27	108.24	0.71	0.03	0.74	103.89	1.34E-04	2.83E-05	1.62E-04	1.21E+02
	4.5	19.5	11.0	30.5	156	41.00	104.51	145.51	354.91	7.64	0.63	8.27	108.23	0.71	0.03	0.74	103.86	1.34E-04	2.84E-05	1.62E-04	1.21E+02
	7.5	19.5	10.7	30.2	155	41.00	103.98	144.98	353.61	7.64	0.61	8.25	108.00	0.71	0.03	0.74	103.73	1.34E-04	2.77E-05	1.62E-04	1.21E+02
	10.5	19.5	10.5	30.0	154	41.00	103.74	144.74	353.04	7.64	0.60	8.24	107.89	0.71	0.03	0.74	103.59	1.34E-04	2.75E-05	1.61E-04	1.20E+02
	13.5	19.5	10.2	29.7	152	41.00	102.61	143.61	350.27	7.64	0.59	8.23	107.71	0.71	0.02	0.73	103.41	1.34E-04	2.70E-05	1.61E-04	1.20E+02
	16.5	19.5	9.7	29.2	150	41.00	100.90	141.90	346.10	7.64	0.56	8.20	107.38	0.71	0.02	0.73	103.20	1.34E-04	2.60E-05	1.60E-04	1.19E+02
	19.5	19.5	9.0	28.5	146	41.00	96.59	137.59	335.60	7.64	0.52	8.16	106.84	0.71	0.02	0.73	102.96	1.34E-04	2.42E-05	1.58E-04	1.18E+02
	22.5	19.5	8.3	27.8	143	41.00	91.23	132.23	322.50	7.64	0.48	8.12	106.31	0.71	0.02	0.73	102.70	1.34E-04	2.24E-05	1.56E-04	1.17E+02
	25.5	19.5	7.5	27.0	138	41.00	84.25	125.25	305.50	7.64	0.43	8.07	105.65	0.71	0.02	0.73	102.43	1.34E-04	2.01E-05	1.54E-04	1.15E+02
	28.5	19.5	6.7	26.2	134	41.00	78.93	119.93	292.51	7.64	0.39	8.03	105.05	0.71	0.02	0.73	102.16	1.34E-04	1.80E-05	1.52E-04	1.13E+02
BLDG_33	1.5	19.5	12.6	32.1	164	41.00	108.99	149.99	365.84	7.64	0.76	8.40	109.98	0.71	0.03	0.74	103.84	1.34E-04	3.62E-05	1.70E-04	1.27E+02
	3	19.5	12.5	32.1	164	41.00	108.83	149.83	365.44	7.64	0.76	8.40	109.98	0.71	0.03	0.74	103.83	1.34E-04	3.63E-05	1.70E-04	1.27E+02
	4.5	19.5	12.5	32.0	164	41.00	108.64	149.64	364.97	7.64	0.76	8.40	109.97	0.71	0.03	0.74	103.80	1.34E-04	3.63E-05	1.70E-04	1.27E+02
	7.5	19.5	12.2	31.8	163	41.00	107.60	148.60	362.43	7.64	0.74	8.38	109.74	0.71	0.03	0.74	103.71	1.34E-04	3.55E-05	1.69E-04	1.26E+02
	10.5	19.5	12.0	31.5	161	41.00	106.72	147.72	360.29	7.64	0.73	8.37	109.53	0.71	0.03	0.74	103.60	1.34E-04	3.48E-05	1.69E-04	1.26E+02
	13.5	19.5	11.5	31.0	159	41.00	105.83	146.83	358.13	7.64	0.70	8.34	109.12	0.71	0.02	0.73	103.43	1.34E-04	3.34E-05	1.67E-04	1.25E+02
	16.5	19.5	10.8	30.3	155	41.00	104.18	145.18	354.10	7.64	0.65	8.29	108.55	0.71	0.02	0.73	103.20	1.34E-04	3.13E-05	1.65E-04	1.23E+02
	19.5	19.5	10.0	29.5	151	41.00	101.15	142.15	346.71	7.64	0.60	8.24	107.84	0.71	0.02	0.73	102.93	1.34E-04	2.88E-05	1.63E-04	1.21E+02
	22.5	19.5	9.0	28.5	146	41.00	96.35	137.35	335.01	7.64	0.54	8.18	107.01	0.71	0.02	0.73	102.63	1.34E-04	2.57E-05	1.60E-04	1.19E+02
	25.5	19.5	7.9	27.4	140	41.00	90.39	131.39	320.46	7.64	0.47	8.11	106.13	0.71	0.02	0.73	102.34	1.34E-04	2.24E-05	1.56E-04	1.17E+02
	28.5	19.5	6.9	26.4	135	41.00	84.72	125.72	306.63	7.64	0.40	8.04	105.27	0.71	0.01	0.72	102.06	1.34E-04	1.92E-05	1.53E-04	1.14E+02
	31.5	19.5	6.0	25.5	131	41.00	77.00	118.00	287.80	7.64	0.35	7.99	104.56	0.71	0.01	0.72	101.81	1.34E-04	1.65E-05	1.51E-04	1.12E+02
	34.5	19.5	5.1	24.7	126	41.00	70.25	111.25	271.33	7.64	0.30	7.94	103.92	0.71	0.01	0.72	101.59	1.34E-04	1.42E-05	1.48E-04	1.11E+02
	37.5	19.5	4.5	24.0	123	41.00	63.92	104.92	255.89	7.64	0.26	7.90	103.38	0.71	0.01	0.72	101.40	1.34E-04	1.21E-05	1.46E-04	1.09E+02
	40.5	19.5	3.9	23.4	120	41.00	57.58	98.58	240.44	7.64	0.22	7.86	102.92	0.71	0.01	0.72	101.24	1.34E-04	1.04E-05	1.44E-04	1.08E+02
	43.5	19.5	3.4	22.9	117	41.00	50.42	91.42	222.97	7.64	0.19	7.83	102.53	0.71	0.01	0.72	101.10	1.34E-04	9.02E-06	1.43E-04	1.07E+02
	46.5	19.5	3.0	22.5	115	41.00	44.79	85.79	209.24	7.64	0.17	7.81	102.21	0.71	0.01	0.72	100.99	1.34E-04	7.84E-06	1.42E-04	1.06E+02
	49.5	19.5	2.6	22.1	113	41.00	39.20	80.20	195.62	7.64	0.15	7.79	101.94	0.71	0.01	0.72	100.88	1.34E-04	6.85E-06	1.41E-04	1.05E+02
	52.5	19.5	2.3	21.8	112	41.00	36.06	77.06	187.95	7.64	0.13	7.77	101.72	0.71	0.01	0.72	100.79	1.34E-04	6.03E-06	1.40E-04	1.05E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	55.5	19.5	2.1	21.6	111	41.00	32.32	73.32	178.83	7.64	0.12	7.76	101.53	0.71	0.01	0.71	100.72	1.34E-04	5.34E-06	1.39E-04	1.04E+02
BLDG_34	1.5	19.5	10.5	30.1	154	41.00	104.43	145.43	354.70	7.64	0.60	8.24	107.89	0.71	0.03	0.74	103.73	1.34E-04	2.69E-05	1.61E-04	1.20E+02
	3	19.5	10.6	30.1	154	41.00	104.07	145.07	353.84	7.64	0.60	8.24	107.87	0.71	0.03	0.74	103.71	1.34E-04	2.70E-05	1.61E-04	1.20E+02
	4.5	19.5	10.5	30.1	154	41.00	104.03	145.03	353.73	7.64	0.60	8.24	107.86	0.71	0.03	0.74	103.68	1.34E-04	2.70E-05	1.61E-04	1.20E+02
	7.5	19.5	10.4	29.9	153	41.00	103.44	144.44	352.29	7.64	0.59	8.23	107.75	0.71	0.03	0.74	103.58	1.34E-04	2.67E-05	1.61E-04	1.20E+02
	10.5	19.5	10.2	29.7	152	41.00	103.33	144.33	352.01	7.64	0.58	8.22	107.66	0.71	0.02	0.73	103.46	1.34E-04	2.66E-05	1.61E-04	1.20E+02
	13.5	19.5	9.9	29.4	151	41.00	102.58	143.58	350.20	7.64	0.57	8.21	107.49	0.71	0.02	0.73	103.31	1.34E-04	2.62E-05	1.60E-04	1.20E+02
	16.5	19.5	9.5	29.0	149	41.00	99.98	140.98	343.85	7.64	0.55	8.19	107.20	0.71	0.02	0.73	103.12	1.34E-04	2.54E-05	1.59E-04	1.19E+02
	19.5	19.5	8.9	28.5	146	41.00	96.54	137.54	335.46	7.64	0.52	8.16	106.80	0.71	0.02	0.73	102.88	1.34E-04	2.41E-05	1.58E-04	1.18E+02
	22.5	19.5	8.3	27.8	142	41.00	92.92	133.92	326.63	7.64	0.48	8.12	106.30	0.71	0.02	0.73	102.63	1.34E-04	2.24E-05	1.56E-04	1.17E+02
	25.5	19.5	7.5	27.0	139	41.00	85.67	126.67	308.94	7.64	0.44	8.08	105.73	0.71	0.02	0.73	102.37	1.34E-04	2.05E-05	1.54E-04	1.15E+02
	28.5	19.5	6.7	26.3	135	41.00	80.07	121.07	295.30	7.64	0.39	8.03	105.12	0.71	0.02	0.72	102.11	1.34E-04	1.83E-05	1.52E-04	1.14E+02
	31.5	19.5	6.0	25.5	131	41.00	74.97	115.97	282.85	7.64	0.34	7.98	104.51	0.71	0.01	0.72	101.87	1.34E-04	1.62E-05	1.50E-04	1.12E+02
	34.5	19.5	5.2	24.7	127	41.00	67.13	108.13	263.74	7.64	0.30	7.94	103.95	0.71	0.01	0.72	101.66	1.34E-04	1.41E-05	1.48E-04	1.11E+02
	37.5	19.5	4.6	24.1	123	41.00	64.61	105.61	257.58	7.64	0.26	7.90	103.44	0.71	0.01	0.72	101.47	1.34E-04	1.23E-05	1.46E-04	1.09E+02
	40.5	19.5	4.0	23.5	120	41.00	58.75	99.75	243.29	7.64	0.23	7.87	103.00	0.71	0.01	0.72	101.31	1.34E-04	1.07E-05	1.45E-04	1.08E+02
	43.5	19.5	3.5	23.0	118	41.00	53.66	94.66	230.89	7.64	0.20	7.84	102.63	0.71	0.01	0.72	101.17	1.34E-04	9.29E-06	1.43E-04	1.07E+02
	46.5	19.5	3.1	22.6	116	41.00	45.22	86.22	210.30	7.64	0.18	7.82	102.31	0.71	0.01	0.72	101.05	1.34E-04	8.13E-06	1.42E-04	1.06E+02
	49.5	19.5	2.8	22.3	114	41.00	39.57	80.57	196.51	7.64	0.16	7.80	102.05	0.71	0.01	0.72	100.95	1.34E-04	7.16E-06	1.41E-04	1.05E+02
	52.5	19.5	2.5	22.0	113	41.00	34.42	75.42	183.94	7.64	0.14	7.78	101.82	0.71	0.01	0.72	100.85	1.34E-04	6.35E-06	1.40E-04	1.05E+02
	55.5	19.5	2.2	21.7	111	41.00	31.01	72.01	175.64	7.64	0.12	7.76	101.63	0.71	0.01	0.72	100.77	1.34E-04	5.66E-06	1.40E-04	1.04E+02
	58.5	19.5	2.0	21.5	110	41.00	28.79	69.79	170.22	7.64	0.11	7.75	101.47	0.71	0.00	0.71	100.70	1.34E-04	5.08E-06	1.39E-04	1.04E+02
	61.5	19.5	1.8	21.3	109	41.00	26.39	67.39	164.37	7.64	0.10	7.74	101.32	0.71	0.00	0.71	100.64	1.34E-04	4.57E-06	1.39E-04	1.03E+02
	64.5	19.5	1.6	21.2	108	41.00	25.34	66.34	161.80	7.64	0.09	7.73	101.20	0.71	0.00	0.71	100.58	1.34E-04	4.14E-06	1.38E-04	1.03E+02
	67.5	19.5	1.5	21.0	108	41.00	23.63	64.63	157.64	7.64	0.08	7.72	101.09	0.71	0.00	0.71	100.53	1.34E-04	3.76E-06	1.38E-04	1.03E+02
BLDG_29	1.5	19.5	10.9	30.4	156	41.00	105.30	146.30	356.83	7.64	0.65	8.29	108.48	0.71	0.02	0.73	103.48	1.34E-04	3.01E-05	1.64E-04	1.22E+02
	3	19.5	10.9	30.4	156	41.00	105.13	146.13	356.41	7.64	0.65	8.29	108.48	0.71	0.02	0.73	103.43	1.34E-04	3.02E-05	1.64E-04	1.23E+02
	4.5	19.5	10.9	30.4	156	41.00	105.12	146.12	356.38	7.64	0.65	8.29	108.48	0.71	0.02	0.73	103.42	1.34E-04	3.03E-05	1.64E-04	1.23E+02
	6	19.5	10.0	29.6	151	41.00	103.35	144.35	352.07	7.64	0.58	8.22	107.56	0.71	0.02	0.73	103.32	1.34E-04	2.63E-05	1.60E-04	1.20E+02
	7.5	19.5	10.7	30.2	155	41.00	104.84	145.84	355.71	7.64	0.64	8.28	108.35	0.71	0.02	0.73	103.36	1.34E-04	2.99E-05	1.64E-04	1.22E+02
	9	19.5	9.9	29.4	151	41.00	103.14	144.14	351.56	7.64	0.57	8.21	107.50	0.71	0.02	0.73	103.25	1.34E-04	2.63E-05	1.60E-04	1.20E+02
	10.5	19.5	10.6	30.1	154	41.00	104.61	145.61	355.14	7.64	0.63	8.27	108.25	0.71	0.02	0.73	103.28	1.34E-04	2.96E-05	1.64E-04	1.22E+02
	12	19.5	9.7	29.2	150	41.00	102.92	143.92	351.03	7.64	0.56	8.20	107.38	0.71	0.02	0.73	103.15	1.34E-04	2.60E-05	1.60E-04	1.19E+02
	13.5	19.5	10.3	29.8	153	41.00	104.25	145.25	354.27	7.64	0.62	8.26	108.08	0.71	0.02	0.73	103.18	1.34E-04	2.91E-05	1.63E-04	1.22E+02
	15	19.5	9.4	28.9	148	41.00	100.51	141.51	345.14	7.64	0.55	8.19	107.17	0.71	0.02	0.73	103.03	1.34E-04	2.54E-05	1.59E-04	1.19E+02
	16.5	19.5	9.9	29.4	151	41.00	102.34	143.34	349.61	7.64	0.59	8.23	107.70	0.71	0.02	0.73	103.00	1.34E-04	2.79E-05	1.62E-04	1.21E+02
	18	19.5	9.0	28.5	146	41.00	97.93	138.93	338.86	7.64	0.52	8.16	106.85	0.71	0.02	0.73	102.84	1.34E-04	2.43E-05	1.58E-04	1.18E+02
	19.5	19.5	9.3	28.8	147	41.00	98.54	139.54	340.35	7.64	0.55	8.19	107.21	0.71	0.02	0.73	102.79	1.34E-04	2.61E-05	1.60E-04	1.20E+02
BLDG_35	1.5	19.5	13.1	32.6	167	41.00	109.84	150.84	367.90	7.64	0.80	8.44	110.42	0.71	0.03	0.74	103.98	1.34E-04	3.79E-05	1.72E-04	1.28E+02
	3	19.5	13.0	32.6	167	41.00	109.82	150.82	367.85	7.64	0.80	8.44	110.42	0.71	0.03	0.74	103.96	1.34E-04	3.80E-05	1.72E-04	1.28E+02
	4.5	19.5	13.0	32.5	167	41.00	109.77	150.77	367.72	7.64	0.79	8.43	110.39	0.71	0.03	0.74	103.93	1.34E-04	3.80E-05	1.72E-04	1.28E+02
	7.5	19.5	12.7	32.2	165	41.00	109.15	150.15	366.22	7.64	0.78	8.42	110.18	0.71	0.03	0.74	103.83	1.34E-04	3.73E-05	1.71E-04	1.28E+02
	10.5	19.5	12.4	31.9	163	41.00	108.27	149.27	364.07	7.64	0.76	8.40	109.89	0.71	0.03	0.74	103.69	1.34E-04	3.63E-05	1.70E-04	1.27E+02
	13.5	19.5	11.7	31.2	160	41.00	107.04	148.04	361.07	7.64	0.71	8.35	109.33	0.71	0.02	0.73	103.47	1.34E-04	3.43E-05	1.68E-04	1.26E+02
	16.5	19.5	10.9	30.4	156	41.00	103.92	144.92	353.46	7.64	0.66	8.30	108.60	0.71	0.02	0.73	103.20	1.34E-04	3.16E-05	1.66E-04	1.24E+02
	19.5	19.5	9.9	29.4	151	41.00	101.00	142.00	346.35	7.64	0.59	8.23	107.77	0.71	0.02	0.73	102.93	1.34E-04	2.86E-05	1.63E-04	1.21E+02
	22.5	19.5	8.8	28.3	145	41.00	95.48	136.48	332.87	7.64	0.52	8.16	106.84	0.71	0.02	0.73	102.63	1.34E-04	2.51E-05	1.59E-04	1.19E+02
	25.5	19.5	7.7	27.3	140	41.00	89.73	130.73	318.85	7.64	0.46	8.10	105.98	0.71	0.02	0.73	102.33	1.34E-04	2.18E-05	1.56E-04	1.16E+02
	28.5	19.5	6.7	26.3	135	41.00	81.08	122.08	297.76	7.64	0.40	8.04	105.18	0.71	0.01	0.72	102.05	1.34E-04	1.88E-05	1.53E-04	1.14E+02
	31.5	19.5	5.8	25.3	130	41.00	74.99	115.99	282.91	7.64	0.34	7.98	104.44	0.71	0.01	0.72	101.79	1.34E-04	1.61E-05	1.50E-04	1.12E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	34.5	19.5	5.0	24.5	126	41.00	68.53	109.53	267.15	7.64	0.29	7.93	103.80	0.71	0.01	0.72	101.57	1.34E-04	1.37E-05	1.48E-04	1.10E+02
	37.5	19.5	4.3	23.8	122	41.00	60.65	101.65	247.92	7.64	0.25	7.89	103.25	0.71	0.01	0.72	101.38	1.34E-04	1.17E-05	1.46E-04	1.09E+02
	40.5	19.5	3.7	23.2	119	41.00	54.61	95.61	233.20	7.64	0.21	7.85	102.80	0.71	0.01	0.72	101.22	1.34E-04	1.00E-05	1.44E-04	1.07E+02
	43.5	19.5	3.2	22.8	117	41.00	49.08	90.08	219.71	7.64	0.19	7.83	102.43	0.71	0.01	0.72	101.09	1.34E-04	8.64E-06	1.43E-04	1.06E+02
	46.5	19.5	2.8	22.4	115	41.00	44.07	85.07	207.49	7.64	0.16	7.80	102.12	0.71	0.01	0.72	100.97	1.34E-04	7.50E-06	1.41E-04	1.06E+02
	49.5	19.5	2.5	22.0	113	41.00	39.18	80.18	195.56	7.64	0.14	7.78	101.86	0.71	0.01	0.72	100.87	1.34E-04	6.55E-06	1.41E-04	1.05E+02
	52.5	19.5	2.2	21.7	111	41.00	35.49	76.49	186.57	7.64	0.13	7.77	101.65	0.71	0.01	0.72	100.78	1.34E-04	5.76E-06	1.40E-04	1.04E+02
	55.5	19.5	2.0	21.5	110	41.00	32.35	73.35	178.90	7.64	0.11	7.75	101.46	0.71	0.01	0.71	100.71	1.34E-04	5.10E-06	1.39E-04	1.04E+02
	58.5	19.5	1.8	21.3	109	41.00	29.05	70.05	170.87	7.64	0.10	7.74	101.31	0.71	0.00	0.71	100.64	1.34E-04	4.55E-06	1.39E-04	1.03E+02
	61.5	19.5	1.6	21.1	108	41.00	27.93	68.93	168.11	7.64	0.09	7.73	101.18	0.71	0.00	0.71	100.58	1.34E-04	4.08E-06	1.38E-04	1.03E+02
	64.5	19.5	1.5	21.0	108	41.00	26.81	67.81	165.39	7.64	0.08	7.72	101.08	0.71	0.00	0.71	100.53	1.34E-04	3.69E-06	1.38E-04	1.03E+02
	67.5	19.5	1.4	20.9	107	41.00	26.49	67.49	164.61	7.64	0.08	7.72	100.98	0.71	0.00	0.71	100.49	1.34E-04	3.35E-06	1.37E-04	1.03E+02
	70.5	19.5	1.3	20.8	106	41.00	25.12	66.12	161.26	7.64	0.07	7.71	100.90	0.71	0.00	0.71	100.45	1.34E-04	3.06E-06	1.37E-04	1.02E+02
	73.5	19.5	1.2	20.7	106	41.00	24.11	65.11	158.80	7.64	0.06	7.70	100.83	0.71	0.00	0.71	100.42	1.34E-04	2.81E-06	1.37E-04	1.02E+02
	76.5	19.5	1.1	20.6	106	41.00	23.80	64.80	158.06	7.64	0.06	7.70	100.77	0.71	0.00	0.71	100.39	1.34E-04	2.60E-06	1.37E-04	1.02E+02
BLDG_31	1.5	19.5	10.2	29.8	152	41.00	103.82	144.82	353.23	7.64	0.58	8.22	107.64	0.71	0.03	0.74	103.61	1.34E-04	2.60E-05	1.60E-04	1.19E+02
	3	19.5	10.3	29.8	153	41.00	103.24	144.24	351.80	7.64	0.58	8.22	107.62	0.71	0.03	0.74	103.55	1.34E-04	2.61E-05	1.60E-04	1.19E+02
	4.5	19.5	10.3	29.8	153	41.00	103.15	144.15	351.58	7.64	0.58	8.22	107.61	0.71	0.03	0.73	103.53	1.34E-04	2.61E-05	1.60E-04	1.19E+02
	7.5	19.5	10.1	29.6	152	41.00	101.98	142.98	348.73	7.64	0.57	8.21	107.46	0.71	0.02	0.73	103.44	1.34E-04	2.56E-05	1.60E-04	1.19E+02
	10.5	19.5	9.9	29.4	151	41.00	101.25	142.25	346.96	7.64	0.56	8.20	107.37	0.71	0.02	0.73	103.34	1.34E-04	2.55E-05	1.60E-04	1.19E+02
	13.5	19.5	9.6	29.1	149	41.00	100.26	141.26	344.54	7.64	0.55	8.19	107.22	0.71	0.02	0.73	103.20	1.34E-04	2.52E-05	1.59E-04	1.19E+02
	16.5	19.5	9.2	28.7	147	41.00	98.91	139.91	341.25	7.64	0.53	8.17	106.95	0.71	0.02	0.73	103.02	1.34E-04	2.44E-05	1.58E-04	1.18E+02
	19.5	19.5	8.7	28.2	144	41.00	95.68	136.68	333.38	7.64	0.50	8.14	106.57	0.71	0.02	0.73	102.81	1.34E-04	2.32E-05	1.57E-04	1.17E+02
	22.5	19.5	8.0	27.6	141	41.00	91.98	132.98	324.35	7.64	0.47	8.11	106.10	0.71	0.02	0.73	102.58	1.34E-04	2.16E-05	1.56E-04	1.16E+02
	25.5	19.5	7.4	26.9	138	41.00	85.18	126.18	307.75	7.64	0.43	8.07	105.58	0.71	0.02	0.73	102.34	1.34E-04	1.98E-05	1.54E-04	1.15E+02
	28.5	19.5	6.6	26.2	134	41.00	79.18	120.18	293.12	7.64	0.38	8.02	105.03	0.71	0.01	0.72	102.10	1.34E-04	1.79E-05	1.52E-04	1.13E+02
	31.5	19.5	5.9	25.4	130	41.00	75.62	116.62	284.45	7.64	0.34	7.98	104.47	0.71	0.01	0.72	101.87	1.34E-04	1.59E-05	1.50E-04	1.12E+02
	34.5	19.5	5.2	24.7	127	41.00	69.83	110.83	270.31	7.64	0.30	7.94	103.94	0.71	0.01	0.72	101.67	1.34E-04	1.40E-05	1.48E-04	1.10E+02
	37.5	19.5	4.6	24.1	124	41.00	62.08	103.08	251.42	7.64	0.26	7.90	103.45	0.71	0.01	0.72	101.49	1.34E-04	1.23E-05	1.46E-04	1.09E+02
BLDG_30	1.5	19.5	11.8	31.3	160	41.00	106.27	147.27	359.19	7.64	0.71	8.35	109.24	0.71	0.03	0.74	103.65	1.34E-04	3.32E-05	1.67E-04	1.25E+02
	3	19.5	11.8	31.3	160	41.00	106.26	147.26	359.17	7.64	0.71	8.35	109.25	0.71	0.03	0.74	103.64	1.34E-04	3.33E-05	1.67E-04	1.25E+02
	6	19.5	11.7	31.2	160	41.00	106.02	147.02	358.58	7.64	0.71	8.35	109.23	0.71	0.03	0.74	103.60	1.34E-04	3.34E-05	1.67E-04	1.25E+02
	9	19.5	11.6	31.1	159	41.00	105.77	146.77	357.96	7.64	0.70	8.34	109.15	0.71	0.03	0.73	103.53	1.34E-04	3.32E-05	1.67E-04	1.25E+02
	12	19.5	11.3	30.8	158	41.00	105.51	146.51	357.34	7.64	0.68	8.32	108.96	0.71	0.02	0.73	103.42	1.34E-04	3.26E-05	1.67E-04	1.24E+02
	13.5	19.5	10.3	29.8	153	41.00	104.16	145.16	354.06	7.64	0.61	8.25	108.02	0.71	0.02	0.73	103.23	1.34E-04	2.88E-05	1.63E-04	1.21E+02
	15	19.5	10.9	30.4	156	41.00	105.23	146.23	356.65	7.64	0.66	8.30	108.58	0.71	0.02	0.73	103.25	1.34E-04	3.13E-05	1.65E-04	1.23E+02
	16.5	19.5	9.9	29.4	150	41.00	102.43	143.43	349.84	7.64	0.58	8.22	107.64	0.71	0.02	0.73	103.05	1.34E-04	2.75E-05	1.62E-04	1.21E+02
	18	19.5	10.2	29.7	152	41.00	102.55	143.55	350.12	7.64	0.61	8.25	108.02	0.71	0.02	0.73	103.02	1.34E-04	2.93E-05	1.63E-04	1.22E+02
	19.5	19.5	9.3	28.8	147	41.00	98.55	139.55	340.36	7.64	0.55	8.19	107.17	0.71	0.02	0.73	102.83	1.34E-04	2.59E-05	1.60E-04	1.19E+02
	21	19.5	9.4	28.9	148	41.00	98.97	139.97	341.40	7.64	0.56	8.20	107.32	0.71	0.02	0.73	102.76	1.34E-04	2.68E-05	1.61E-04	1.20E+02
	22.5	19.5	8.5	28.0	144	41.00	94.61	135.61	330.76	7.64	0.50	8.14	106.58	0.71	0.02	0.73	102.58	1.34E-04	2.38E-05	1.58E-04	1.18E+02
	24	19.5	8.4	27.9	143	41.00	94.47	135.47	330.42	7.64	0.50	8.14	106.52	0.71	0.02	0.73	102.47	1.34E-04	2.38E-05	1.58E-04	1.18E+02
	25.5	19.5	7.7	27.2	139	41.00	89.88	130.88	319.22	7.64	0.45	8.09	105.92	0.71	0.02	0.73	102.32	1.34E-04	2.14E-05	1.55E-04	1.16E+02
	27	19.5	7.4	26.9	138	41.00	88.28	129.28	315.31	7.64	0.44	8.08	105.70	0.71	0.02	0.73	102.19	1.34E-04	2.08E-05	1.55E-04	1.16E+02
	28.5	19.5	6.8	26.3	135	41.00	83.11	124.11	302.71	7.64	0.40	8.04	105.23	0.71	0.01	0.72	102.06	1.34E-04	1.89E-05	1.53E-04	1.14E+02
	30	19.5	6.4	25.9	133	41.00	81.29	122.29	298.28	7.64	0.38	8.02	104.93	0.71	0.01	0.72	101.94	1.34E-04	1.79E-05	1.52E-04	1.13E+02
	31.5	19.5	6.0	25.5	131	41.00	76.72	117.72	287.12	7.64	0.35	7.99	104.56	0.71	0.01	0.72	101.82	1.34E-04	1.65E-05	1.50E-04	1.12E+02
	33	19.5	5.6	25.1	129	41.00	75.57	116.57	284.31	7.64	0.33	7.97	104.27	0.71	0.01	0.72	101.70	1.34E-04	1.54E-05	1.49E-04	1.12E+02
	34.5	19.5	5.2	24.7	127	41.00	72.13	113.13	275.92	7.64	0.30	7.94	103.97	0.71	0.01	0.72	101.60	1.34E-04	1.43E-05	1.48E-04	1.11E+02
BLDG_28	1.5	19.5	9.5	29.0	149	41.00	97.82	138.82	338.58	7.64	0.49	8.13	106.46	0.71	0.03	0.74	103.81	1.34E-04	2.00E-05	1.54E-04	1.15E+02

Table E2 - Summary of Background, Corridor and Cumulative Transportation Pollution Impacts

RWDI#: 2306527

		NO2 - Annual (CAAQs) - 24 ug/m3				NO2 - 1 hour (CAAQS) - 83 ug/m3				PM2.5 - Annual (CAAQS) - 8.8 ug/m3				Benzene - Annual (AAQC) - 0.45 ug/m3				BAP - Annual AAQC - 1.0E-05 ug/m3			
Tag03	Height Above Grade (m)	Background Annual NO_2 Concentration (ug/m^3)	Maximum Corridor Annual NO_2 Concentration (ug/m^3)	Maximum Cumulative Annual NO_2 Concentration (ug/m^3)	Annual NO2 Percent of Background (%)	Background 1-Hour NO2 Concentration (ug/m3)	Maximum Corridor 1-Hour NO2 Concentration (ug/m3)	Maximum Cumulative 1-Hour NO2 Concentration (ug/m3)	1-Hour NO2 Percent of Background (%)	Background PM-2.5 Concentration (ug/m3)	Maximum Corridor Annual PM-2.5 Concentration (ug/m3)	Maximum Cumulative Annual PM-2.5 Concentration (ug/m3)	PM-2.5 Percent of Background (%)	Background Annual Benzene Concentration (ug/m3)	Maximum Corridor Annual Benzene Concentration (ug/m3)	Maximum Cumulative Annual Benzene Concentration (ug/m3)	Benzene Percent of Background (%)	Background Annual B(a)P Concentration (ug/m3)	Maximum Corridor Annual B(a)P Concentration (ug/m3)	Maximum Cumulative Annual B(a)P Concentration (ug/m3)	B(a)P Percent of Background (%)
	3	19.5	9.4	28.9	148	41.00	95.96	136.96	334.04	7.64	0.49	8.13	106.38	0.71	0.03	0.74	103.74	1.34E-04	2.01E-05	1.54E-04	1.15E+02
	6	19.5	9.2	28.7	147	41.00	92.33	133.33	325.20	7.64	0.48	8.12	106.31	0.71	0.03	0.74	103.61	1.34E-04	2.01E-05	1.54E-04	1.15E+02
	7.5	19.5	9.1	28.6	147	41.00	91.80	132.80	323.89	7.64	0.48	8.12	106.27	0.71	0.03	0.74	103.56	1.34E-04	2.00E-05	1.54E-04	1.15E+02
	10.5	19.5	8.9	28.4	146	41.00	89.51	130.51	318.31	7.64	0.47	8.11	106.15	0.71	0.02	0.73	103.40	1.34E-04	1.98E-05	1.54E-04	1.15E+02
	13.5	19.5	8.6	28.1	144	41.00	87.98	128.98	314.60	7.64	0.46	8.10	106.02	0.71	0.02	0.73	103.23	1.34E-04	1.97E-05	1.54E-04	1.15E+02
	16.5	19.5	8.2	27.7	142	41.00	87.65	128.65	313.79	7.64	0.44	8.08	105.79	0.71	0.02	0.73	103.00	1.34E-04	1.91E-05	1.53E-04	1.14E+02
	19.5	19.5	7.7	27.2	139	41.00	85.28	126.28	308.00	7.64	0.42	8.06	105.53	0.71	0.02	0.73	102.77	1.34E-04	1.85E-05	1.53E-04	1.14E+02
	22.5	19.5	7.1	26.7	137	41.00	82.42	123.42	301.03	7.64	0.40	8.04	105.21	0.71	0.02	0.73	102.54	1.34E-04	1.76E-05	1.52E-04	1.13E+02
	25.5	19.5	6.6	26.1	134	41.00	80.08	121.08	295.31	7.64	0.37	8.01	104.84	0.71	0.02	0.73	102.31	1.34E-04	1.66E-05	1.51E-04	1.12E+02
	28.5	19.5	6.0	25.5	131	41.00	77.18	118.18	288.25	7.64	0.34	7.98	104.44	0.71	0.01	0.72	102.09	1.34E-04	1.53E-05	1.49E-04	1.11E+02
	31.5	19.5	5.5	25.0	128	41.00	73.14	114.14	278.39	7.64	0.31	7.95	104.03	0.71	0.01	0.72	101.89	1.34E-04	1.40E-05	1.48E-04	1.10E+02
	34.5	19.5	4.9	24.4	125	41.00	68.82	109.82	267.86	7.64	0.28	7.92	103.63	0.71	0.01	0.72	101.71	1.34E-04	1.26E-05	1.47E-04	1.09E+02