UTILITIES KINGSTON

# CITY OF KINGSTON WATER AND WASTEWATER MASTER PLAN

**GROWTH SCENARIO REPORT** 

JANUARY 30, 2017



## CITY OF KINGSTON WATER AND WASTEWATER MASTER PLAN GROWTH SCENARIO REPORT Utilities Kingston

**Final Report** 

Project nº : 151-02944-00 Date : January 30, 2017

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January 30, 2017

Mr. Mike Fischer Utilities Kingston 85 Lappan's Lane Kingston, ON, K7L 4X7

#### Subject: City of Kingston Water and Wastewater Master Plan

Dear Mr. Fischer:

We are pleased to provide the Growth Scenario Report for the City of Kingston service areas. The purpose of this report is to summarize the approach used to project expected growth within the City of Kingston.

We would be happy to discuss this report with you at your convenience.

Yours truly,

n moylom

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2	AUGUST 2016	Draft Report
3	JANUARY 2017	Final Report

## SIGNATURES

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# TABLE OF CONTENTS

1	INTRODUCTION	1
2	GROWTH SCENARIOS	1
3	RESIDENTIAL	2
3.1	POPULATION ESTIMATES	2
3.2	ALLOCATION OF RESIDENTIAL DEVELOPMENT	5
3.2.1	DEVELOPMENT APPLICATIONS	5
3.2.2	ANTICIPATED FUTURE DEVELOPMENT	13
3.2.3	FULL BUILDOUT AND ULTIMATE SCENARIOS	17
4		23
4.1	INDUSTRIAL LAND REVIEW	
4.2	INDUSTRIAL GROWTH AREAS	
4.3	FULL BUILDOUT	24
5		27
5.1	COMMERCIAL INVENTORY	27
5.2	COMMERCIAL GROWTH AREAS	27
5.3	FULL BUILDOUT	
6	INSTITUTIONAL	
6.1	INSTITUTIONAL GROWTH	31
6.2	FEDERAL INSTITUTIONS	31
6.3	ACADEMIC INSTITUTIONS	31
6.3.1	QUEEN'S UNIVERSITY	
6.3.2	ST LAWRENCE COLLEGE	
6.3.3	ROYAL MILITARY COLLEGE	
6.3.4	STUDENT POPULATION	32
6.4	OTHER INSTITUTIONS	

## TABLES

REQUIRED NUMBER OF RESIDENTIAL UNITS	5
DEVELOPMENT APPLICATION STATUS: COMMITTED	6
DEVELOPMENT APPLICATION STATUS: PENDING	6
ANTICIPATED DEVELOPMENT UNITS	13
DEVELOPMENT OF VACANT LAND AND UNDERUTILIZED PARCELS	17
URBAN BOUNDARY EXPANSION DEVELOPMENT	18
INDUSTRIAL DEVELOPMENT LAND REQUIREMENTS	23
INDUSTRIAL DEVELOPMENT LAND	23
COMMERCIAL DEVELOPMENT DEMAND	27
COMMERCIAL DEVELOPMENT REQUIREMENTS	27
FEDERAL INSTITUTION GROWTH	31
QUEENS UNIVERSITY GROWTH	32
ST LAWRENCE COLLEGE GROWTH	32
QUEENS STUDENT POPULATION GROWTH	33
SLC STUDENT POPULATION GROWTH	33
TOTAL STUDENT POPULATION GROWTH	33
OTHER INSTITUTIONAL GROWTH	34
	REQUIRED NUMBER OF RESIDENTIAL UNITS DEVELOPMENT APPLICATION STATUS: COMMITTED DEVELOPMENT APPLICATION STATUS: PENDING ANTICIPATED DEVELOPMENT UNITS DEVELOPMENT OF VACANT LAND AND UNDERUTILIZED PARCELS URBAN BOUNDARY EXPANSION DEVELOPMENT INDUSTRIAL DEVELOPMENT LAND REQUIREMENTS INDUSTRIAL DEVELOPMENT LAND REQUIREMENTS COMMERCIAL DEVELOPMENT DEMAND COMMERCIAL DEVELOPMENT REQUIREMENTS FEDERAL INSTITUTION GROWTH QUEENS UNIVERSITY GROWTH ST LAWRENCE COLLEGE GROWTH SLC STUDENT POPULATION GROWTH TOTAL STUDENT POPULATION GROWTH OTHER INSTITUTIONAL GROWTH

## FIGURES

FIGURE 3-1	URBAN AND CITY BOUNDARIES	3
FIGURE 3-2	2021 RESIDENTIAL GROWTH	9
FIGURE 3-3	2026 RESIDENTIAL GROWTH	11
FIGURE 3-4	2036 RESIDENTIAL GROWTH	15
FIGURE 3-5	FULL BUILDOUT RESIDENTIAL GROWTH	19
FIGURE 3-6	ULTIMATE RESIDENTIAL GROWTH	21
FIGURE 4-1	INDUSTRIAL GROWTH	25
FIGURE 5-1	COMMERCIAL GROWTH	29
FIGURE 6-1	INSTITUTIONAL GROWTH	35

# APPENDICES

APPENDIX A	<b>RESIDENTIAL GROWTH CALCULATIONS</b>
APPENDIX B	COMMERCIAL GROWTH CALCULATIONS
APPENDIX C	INDUSTRIAL GROWTH CALCULATIONS

# 1 INTRODUCTION

Utilities Kingston retained WSP to undertake a Water and Wastewater Master Plan. The objective of the plan is to develop a sustainable and cost effective strategy to service existing and future development in the City of Kingston. The Master Plan project will develop and update the servicing strategies for water and wastewater infrastructure in the City for the next 20 years. The Master Servicing Plan is being conducted in accordance with the requirements set out in the Municipal Class Environmental Assessment document (June 2000 as amended 2007 and in 2011).

This technical memorandum documents the approach that was taken to project the anticipated growth in the City of Kingston for the various analysis scenarios. Residential, Commercial, Industrial and Institutional growth is described along with assumptions and any interpretation or modification to the data contained in the referenced background reports.

# 2 GROWTH SCENARIOS

Based on discussion with Utilities Kingston, the City of Kingston Planning Department, and review of previous Master Plans and available reports, one (1) existing condition scenario and five (5) growth scenarios were developed for the Master Planning process. These scenarios include:

SCENARIO	DESCRIPTION
Calibration	Existing Conditions
2021	Based on Committed and Pending Development Applications
2026	Based on remaining Committed and Pending Development Applications ("Committed Conditions")
2036	Based on Future Known Potential Developments
Full Build-Out	Based on Undeveloped and Under-Developed Land as of 2036 with their anticipated development density (based on Official Plan)
Ultimate	Full Build-Out plus specific urban boundary extensions

Development targets for the above time steps were based on provided reports (discussed in subsequent sections) detailing population projections, commercial inventory, industrial land demand and institutional growth projections. Development allocation also assumes the urban boundary remains unchanged until the ultimate scenario. The City has frozen the existing urban boundary and there is no immediate desire to expand it.

The primary purpose of the 2021-2036 scenarios is to help evaluate the impacts on infrastructure and plan anticipated future upgrades, the full build out and ultimate scenarios serve to provide a check and balance for the recommended upgrades in the 2021-2036 scenarios. For example if a pipe is recommended to be upgraded to a certain size in one time step and the size required for the same pipe in the full buildout is only incrementally larger, the cost for the two options can be evaluated. Given the relatively long life span of linear infrastructure and added flexibility for future development the additional cost for a larger pipe may be justified.

The full buildout and ultimate scenarios are not based on a specific development year but instead on development milestones. As the ultimate scenario is looking at only certain 'what if' scenarios commercial, industrial and institutional growth is not projected.

# 3 **RESIDENTIAL**

### 3.1 **POPULATION ESTIMATES**

Estimating the number of residential units required for each growth scenario was completed using the *City of Kingston And Kingston CMA Population, Housing and Employment Projections (Updated October 2013)* - prepared by Meridian Planning and C4SE "CMA Report". This report detailed population, housing and employment projections for the Kingston Census Metropolitan Area (CMA). The report analysed previous population, migration and employment trends to complete a population and demographic analysis which extended from 2011 to 2041. Three scenarios were developed to evaluate and review impacts on the CMA; High Case, Base Case and Low Case. Each of the scenarios used varying assumptions based on economic and environmental factors to estimate the impact to the CMA. Results included projections for population, housing and employment trends among other demographic statistics.

The CMA report recommended using the Base Case for further analysis that rely on the population projections included in the report, however they assign the highest probability to the High Case population projection. Federal job growth was the primary difference between the assumptions made for the Base Case and the High Case projections. The Base Case assumed the number of federal jobs in Kingston would remain unchanged and the High Case assumed Kingston would maintain its current 1% share of all federal jobs. The federal government currently has a significant personnel and infrastructure investment in Kingston. It is suspected that given the existing investment in the area it is more likely that the federal government will grow its presence in line with national growth rather than hold it steady, however this cannot be guaranteed.

In review of the CMA report and through discussions with Utilities Kingston the High Case projection was used for the analysis related to the Water and Wastewater Masterplan for the following reasons:

- → The CMA report assigned a higher probability to the High Case projection, with reasonable justification.
- → The High Case represents a marginal population increase from the Base Case Scenario over the analysis period, with increases ranging from 1% to 6% between 2021 and 2036.
- → Using the High Case provides flexibility for intensification and development within the City.

The CMA Report evaluated the entire census metropolitan area (CMA) and was also further broken down into several smaller areas. The analysis for the Master Plan used data exclusively for the area constrained by the City Boundary. It should be noted that the existing Urban Boundary does not service the entire area within the City Boundary. The CMA report indicates that "between 2000 and 2012, 4.0 percent of the total number of dwellings built in the City occurred in its rural area. It is not anticipated that development occurring in the rural area will exceed 4.0 percent of future development. For the purpose of estimating residential development and to be consistent with the assumption regarding population provided in the CMA report, it is assumed that this ratio will remain unchanged during the analysis period. The number of new development units required in Kingston were discounted by 4% in each time step to represent the number of units being developed in rural areas of the City. Figure 3-1 below illustrates the Urban Boundary and the City of Kingston CMA boundary.

Table 3-1 below outlines the projected population along with the required number of residential units both rural and urban. The CMA Report noted that the population density per unit is expected to vary over the analysis period. This has been considered in the calculations for the required number of units by factoring in the total available housing units in the previous time step with the revised population per unit.

 Table 3-1
 Required Number of Residential Units

REQUIRED NUMBER OF RESIDENTIAL UNITS

	2015	2021	2026	2036
Population	126,645	137,220	145,690	156,640
Population per Unit	2.36	2.33	2.33	2.31
Existing Units (from previous time step)	53,759	53,759	58,893	62,528
Total # of Required Units (Population/ Pop. per Unit)	0	58,893	62,528	67,810
Required # of New Units (Existing - Total Req.)	0	5,133	3,635	5,282
Required # of New Units Rural (4% of New Units)	0	205	145	211
Required # of New Units Urban (96% of New Units)	0	4,928	3,490	5,070

### 3.2 ALLOCATION OF RESIDENTIAL DEVELOPMENT

Residential development was allocated to an analysis year based on demand generated by population growth. Submitted development applications, both committed and pending were given priority followed by anticipated development. Development applications were provided by the City of Kingston planning department, these applications included the total number of residential units and the development location. Anticipated development is comprised of publicly known developments that are in the news, before council, or part of reports commissioned by the City. Development applications that were provided by the planning department have sufficient residential units identified to satisfy the forecasted residential demand in 2021 and 2026, anticipated development is used to fulfill the 2036 demand.

#### 3.2.1 DEVELOPMENT APPLICATIONS

Development applications were used to spatially distribute residential growth. Some of the applications represent large subdivisions that are partially constructed, these applications were revised to represent only the remaining unbuilt units at the time of the analysis. Depending on the stage of the development application it was categorized as either 'Closed', 'Committed' or 'Pending'. 'Closed' applications were omitted as these developments are currently complete and are included in the existing condition scenario. The remaining applications were used to distribute the development over the analysis periods. It was assumed that residential units will be developed to satisfy demand based on the following priority:

- 1. Application Status Committed,
- 2. Application Status Pending.

The Cataraqui West Secondary Plan was not assumed to follow the above priority. Given the size and nature of this application it is assumed that it will take time before all the remaining applications and permits are approved. Approximately half of the remaining units were deferred from 2021 to 2026.

Based on the assumptions above there were adequate units identified in development applications to satisfy growth up to 2026 with 81 surplus units. The surplus units are included in the 2026 scenario as it provides a growth scenario where all the existing development applications (prior to Jan 1, 2015) are being serviced (i.e. committed). The increase of 60 units is expected to have negligible impact to the 2026 scenario. The tables below outline the development applications and which analysis year they have been assigned.

#### **Development Application Status: Committed** Table 3-2

**DEVELOPMENT APPLICATION** 

**DEVELOPMENT YEAR** 

MAP ID			
1	Midland Park Phase 4, Stage 2-4	68	
	Westbrook Meadows, Phase 1	172	
	Lydenwood Phase 3	10	
	Lyndenwood Phase 5	183	
	Kings Landing Phase 4	52	
	Lydenwood Phase 4, Stage 5	46	
	Cataraqui Mills	45	
	Cataraqui West Master Plan	871	
	Woodhaven Tamarack Phase 1	129	
	Greenwood Park West	87	
	Westbrook Meadows, Phase 3	58	
	311 Conacher Dr	258	
	WoodHaven West Phase 1	119	
	1380 Crossfield Ave	35	
	1 Potter St	141	
	Westbrook Meadows, Phase 2	22	
	Baxter Farm North	46	
	Purdy's Mill	705	
	1201 Woodhaven Dr	117	
	Midland Park Phase 4, Stage 1	26	
	Rivers Edge- Phase 2	30	
	51 Holden St	200	
	74 Gore St	1	
	2939 Creekford Rd	68	
	271-275 Alfred St	1	
	770 Progress Ave	5	
		3.495	

#### Table 3-3 **Development Application Status: Pending**

DEVELOPMENT APPLICATION				DEVELOPMENT YEAR	
MAP ID	ADDRESS	NUMBER OF UNITS	2021	2026	
27	845 Gardiners Rd	167	167	0	
28	493-497 Princess St & 19-23 Chatham St & 2, 10 Creighton St	190	190	0	
29	480, 460-468 Princess St & 327 University Ave	222	222	0	
30	128-136 Ontario St	5	5	0	
31	180, 182 Bagot Street & 111 William St	1	1	0	
32	495-513 Frontenac St	71	71	0	
33	Woodhaven West, Phase 2	121	0	121	
34	Woodhaven Phase 2 And 3	122	37	85	
35	2700 Delmar St	44	22	22	
36	780 Division St	62	34	28	

DEVELOPMENT APPLICATION DEVELOPMENT YEA				PMENT YEAR
MAP ID	ADDRESS	NUMBER OF UNITS	2021	2026
37	471 Cataraqui Woods Dr	94	94	0
38	1138-1200 Hwy 15	352	167	185
39	155-159 Princess St	6	6	0
40	73-79 Brock St	5	5	0
41	247 Portsmouth Ave	17	17	0
42	637-655 Johnson St	28	28	0
43	752 King St West	549	0	549
44	740 Augusta Dr	41	41	0
45	394-396 Princess St	20	20	0
46	630 Princess St	29	29	0
47	1350-1370 Woodfield Cres	408	135	273
48	655 Graceland Ave	53	21	32
49	3566 Princess St	66	0	66
50	1163 Centennial Dr	563	0	563
51	70 Barbara Ave	49	0	49
52	705 King St West	4	0	4
53	48a Point St Mark Dr	95	0	95
54	50 Newcourt Place	99	0	99
55	725 Highway 15	240	0	240
56	809 & 829 Development Dr	128	0	128
57	720 Princess St	64	0	64
58	217-219 University Ave & 330 William St	6	6	0
59	371 Division St	8	0	8
60	36-40 Cliff Cr	29	29	0
61	2192-2196 Swanfield St	2	0	2
62	662 King St W	3	0	3
63	771 Montreal Street	6	0	6
64	259-265 Princess St	8	0	8
65	41 Mackenzie Cr	1	0	1
66	165-171 Wellington St	26	26	0
67	174 Princess St	2	2	0
68	735-745 Highway 15	58	58	58
		Total:	1,433	2,689

Figure 3-2 and Figure 3-3 respectively map the location of the development for the two analysis scenarios outlined above.





### 3.2.2 ANTICIPATED FUTURE DEVELOPMENT

An additional 5,070 units were required to be identified for the 2036 scenario. These units were identified though discussions with the planning department and by reviewing publicly known developments that are in the news, before council, or part of reports commissioned by the City. In addition to the discussed developments it is anticipated that smaller scale intensification will occur in the core of the City. Consideration for this was provided by identifying residential parcels larger than double the average lot size in their respective neighbourhood and currently do not have a high density use (apartments, townhouses, etc.). It was assumed that the identified parcels will experience an increase in density of 20 units per hectare. This density increase was determined as it accounts for an average of 2-4 additional units on the identified parcels. The small circles on Figure 3-4 indicate the approximate location of these intensification areas. Table 3-4 below provides a summary of the future development included in the 2036 scenario. Figure 3-4 maps the location of the development for the analysis scenario outlined below.

#### Table 3-4 Anticipated Development Units

DEVELOPMENT APPLICATION		DEVELOPMENT YEAR		
Map ID	ADDRESS	NUMBER	2036	REMAINING
		OF UNITS	(UNITS)	(UNITS)
69	North Block	450	450	0
70	Saint Mary's on the Lake	150	0	150
71	Nortel Lands	1,526	1,156	370
72	223 Princess	223	223	0
73	510 Frontenac	258	258	0
74	Rideau Community	797	797	0
75	Davis Tannery	268	100	168
76	Williamsville	1,705	1,705	0
No #	Intensification in the City Core	381	381	0
		Total:	5,070	688



#### 3.2.3 FULL BUILDOUT AND ULTIMATE SCENARIOS

#### 3.2.3.1 **FULL BUILDOUT**

Growth and development for the full buildout scenario is based on development of vacant land and underutilized parcels in Kingston. The City of Kingston Planning department provided a list of vacant land and underutilized parcels along with their anticipated development density. These anticipated units were included in the full buildout scenario. In addition to the anticipated units described above any remaining units part of an identified development that were not included in a previous growth scenario are included in the full buildout. The full buildout scenario added an additional 10,213 units, representing a population increase of approximately 23,590 people or 15%. No formal development year is assigned to this scenario as it is intended to be used as a tool for infrastructure planning and cost benefit analysis. Table 3-5 below provides a summary of the development included in the full buildout scenario.

#### Table 3-5 **Development of Vacant Land and Underutilized Parcels**

#### VACANT LAND AND UNDERUTILIZED PARCELS

		NUMBER OF	FULL BUILD	REMAINING
MAP ID	ADDRESS			
77	Alcan Property		1,230	
	Clogs Rd		521	
	Collins Bay Penitentiary Land		4,460	
	1138 Hwy 15		59	
	401 Sydenham Rd		345	
	23 The Point Rd		25	
	256 Kingsdale Ave		29	
	475 St. Martha St		25	
	495 Taylor-Kidd Blvd		38	
	Elevator Bay		93	
	Farnham Crt		77	
	Hyw2/Hwy15		86	
	Westbrook/Princess St		33	
	1316 1318 Princess St		75	
	1327 Princess St		15	
	1712 Bath Rd		30	
	1720 Bath Rd		15	
	1953 Bath Rd		120	
	2215 Princess St		15	
	2237 Princess St		443	
	2245 Princess St		15	
	2255 Princess St		23	
	2271 Princess St		75	
	2666 Princess St		128	
	2724 Princess St		30	
	2828 Princess St		68	
	555 Princess St		8	
	652 Princess St		30	
	691 Golden Mile Rd		8	
	834 Princess St		23	
	Bath Rd / Centennial Dr		188	
	Days Rd / Golden Mile Rd		8	
	Days Rd / Golden Mile Rd		8	
	Gardiners Rd		165	

MAP ID	ADDRESS	UNITS	OUT (UNITS)	(UNITS)
111	Princess St / Sydenham Rd	131	131	0
112	Taylor Kidd Blvd / Princess St	315	315	0
113	Portion of 2431 Princess St	259	259	0
114	Portion of 1040 Princess St	203	203	0
115	360 Select Dr	23	23	0
116	327,333,339 Select Dr	83	83	0
117	1243 Front Rd	284	284	0
	Remaining Development from previous	688	688	0
	time step			
		Total:	10,497	0

#### VACANT LAND AND UNDERUTILIZED PARCELS

Figure 3-5 maps the development outlined above.

#### 3.2.3.2 ULTIMATE

The ultimate scenario builds on the full buildout scenario, it assumes that all land within the Urban Boundary is developed with no remaining vacant parcels and that the various proposed expansions to the urban boundary are developed. The proposed expansions are based on areas identified through consultation with the planning department. Refer to Figure 1-3. The areas of expansion are assumed to be fully developed at their proposed density and land use. This scenario results in the population growing by 45%, adding approximately 70,704 people or 30,608 units to the full built out scenario. No formal development year is assigned to this scenario as it is intended to be used as a tool for infrastructure planning and cost benefit analysis. Table 3-6 below provides a summary of the development included in the ultimate scenario. Figure 3-6 maps the proposed urban boundary expansions.

#### Table 3-6 Urban Boundary Expansion Development

URBAN BOUNDARY EXPANSIONS			DEVELOPMEN	T YEAR
MAP ID	ADDRESS	DENSITY	NUMBER OF	NUMBER OF UNITS
		(UNITS/HA)	UNITS	(ULTIMATE)
117	Kingston East Residential	37.5	10,276	10,276
118	Kingston East North	37.5	5,631	5,631
119	Mile Square	37.5	11,688	11,688
120	Westbrook Expansion	37.5	3,013	3,013
		Total:	30,608	30,608

Figure 3-6 maps the development identified in the above table.



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# 4 INDUSTRIAL

## 4.1 INDUSTRIAL LAND REVIEW

Watson & Associates Economists Ltd. in association with Dillon Consulting Limited completed an **Employment Land Strategy Review** 2015. The purpose of the report was to develop a long term vision and plan for industrial growth within the City of Kingston. This report will serve as the basis the for industrial growth and development assumptions for the Masterplan. The report reviewed regional and local economic trends within the last decade to identify the employment and industrial land requirements within the City. The identified land requirement was broken up into two distinct land uses, Business Park and General Industrial. This distinction is maintained for the Master Plan analysis as these two land uses typically have significantly different servicing requirements.

## 4.2 INDUSTRIAL GROWTH AREAS

The Employment Land Strategy Review identified industrial land requirements for 2019, 2024 and 2029. The identified land requirements were projected forward to the desired analysis years for the Master Plan by fitting a trend line to the data and extrapolating the requirements for the 2021, 2026 and 2036 growth scenarios. Table 4-1 below outlines the total projected industrial development land requirements.

#### Table 4-1 Industrial Development Land Requirements

DEVELOPMENT L	EVELOPMENT LAND TYPE						
	2015						
<b>General Industrial</b>							
Demand	0				49.9		
(Cumulative) (Ha)							
Future Business							
Park Demand	0	34	47.7	64	76.5	91	105.6
(Cumulative) (Ha)							

\*Value taken directly from The Employment Land Strategy Review.

The Employment Land Strategy Review also identified available industrial land within the City. The report identified if the parcel was serviced and if it was currently vacant or underutilized. This identified land formed the basis for industrial growth used in the master plan analysis. Available vacant undeveloped land was reduced by 25% consistent with the Land Strategy Review. This reduction is to account for long term vacancy and internal infrastructure. The report suggested that it is likely industrial development and would absorb parcels with easy access to Highway 401 first and that Business Park development would absorb newer parcels located near to other service amenities such as food, banking and health care. These preferences were taken into consideration by reviewing parcel location and existing development in the surrounding areas while assigning development for the 2021-2036 analysis scenarios. Table 4-2 below outlines the various developments over the analysis years.

#### Table 4-2 Industrial Development Land

INDUSTRIAL/BUSINESS PARK	2021 DEVE AREA (HA)	LOPMENT	2026 DEVE AREA (HA)	LOPMENT	2036 DEVE AREA (HA)	LOPMENT
	BUSINESS PARK	GENERAL INDUSTRIAL	BUSINESS PARK	GENERAL INDUSTRIAL	BUSINESS PARK	GENERAL INDUSTRIAL
Clyde Industrial Park	0.00	10.10	0.00	3.60	3.29	0.00
Invista Canada	0.90	0.00	0.00	0.00	0.00	0.00
Gardiners Rd Industrial Park	14.70	15.79	0.00	4.45	0.00	0.00
Progress Ave. Industrial Area	3.64	0.64	0.00	0.87	0.00	0.28

INDUSTRIAL/BUSINESS PARK	2021 DEVELOPMENT AREA (HA)		2026 DEVELOPMENT AREA (HA)		2036 DEVELOPMENT AREA (HA)	
	BUSINESS	GENERAL	BUSINESS	GENERAL	BUSINESS	GENERAL
	PARK	INDUSTRIAL	PARK	INDUSTRIAL	PARK	INDUSTRIAL
Old Industrial Area	0.00	3.52	0.00	0.53	0.00	3.00
Alcan Industrial Park	1.71	0.00	9.63	0.00	6.47	0.00
Cataraqui Estates Business Park	7.41	0.96	11.36	7.76	13.61	13.62
St Lawrence Business Park	19.47	0.00	0.61	0.00	0.65	0.00
Nortel Industrial Area	0.00	1.75	0.00	0.00	0.00	0.00
Innovation Park	0.00	0.00	7.30	0.00	5.11	0.00

## 4.3 FULL BUILDOUT

The industrial development required to satisfy the demand for the full buildout was based on residential growth rate. It is assumed that industrial growth will be proportional to the residential growth, with both experiencing a 15% increase from the 2036 scenario. The Employment Land Strategy review highlighted that many of the existing industrial areas had land available for intensification. For this reason the specific location of industrial growth was not identified, instead existing industrial areas are assumed to intensify to accommodate the increased demand. There was one exception to this assumption which was Cloggs Rd/ORC Land. This parcel of land has been identified by the City as a potential area for future business park which is not currently serviced.



# 5 COMMERCIAL

## 5.1 COMMERCIAL INVENTORY

Commercial development projections are based on the square footage warrant outlined in the **Commercial Inventory and Market Analysis City of Kingston, ON 2008** by Urban Metrics Inc. The analysis reviewed the existing commercial development, vacancy, commercial development applications and anticipated development proposals. Various commercial categories were identified in the report based on the services provided. The "Other Retail Services" category as described in the report was discounted from the total warranted square footage used for the commercial projection as it duplicates development already considered in the Business Park Industrial projections from the Employment Land Strategy Review.

## 5.2 COMMERCIAL GROWTH AREAS

The Commercial Inventory Analysis projected commercial development warrants for the 2021 and 2026 scenarios. The warrant for the 2036 scenario was extrapolated by assuming that the current average of 10 square feet of retail space per person is maintained. Table 5-1 below outlines the commercial development demand.

#### Table 5-1 Commercial Development Demand

COMMERCIAL DEMAND						
	2015 (SQ. FT)	2021 (SQ. FT)	2026 (SQ. FT)	2036 (SQ. FT)		
Total (Cumulative) (square Feet)	0	437,700	946,200	1,591,264		

The spatial distribution of the commercial development was completed by assigning growth to the commercial nodes identified by the Inventory Analysis. The Inventory Analysis report identified that a 4% vacancy is indicative of a healthy market. As such the vacancy at each node was iteratively reduced to approximately 4% over the analysis period until the commercial demand was obtained. Growth was then assigned to undeveloped land, which was assumed to develop with a lot coverage of 25%. The commercial inventory analysis identified this level of coverage to typical for commercial development in Kingston. The table below outlines the allocation of commercial development for the 2021, 2026 and 2036 scenarios based on commercial node.

#### Table 5-2 Commercial Development Requirements

COMMERCIAL NODE	2021 DEMAND (SQ. FT.)	2026 DEMAND (SQ. FT.)	2036 DEMAND (SQ. FT.)
1	4,400	7,400	7,400
2	2,300	0	0
3	8,500	0	0
4	0	1,500	0
6	18,300	0	0
7	29,000	72,300	0
8	8,975	8,975	0
9	9,800	1,400	0
10	10,400	0	0
11	3,700	1,200	0
12	500	0	0
13	0	8,320	0
14	0	0	0
15	8,600	1,800	0

COMMERCIAL NODE	2021 DEMAND (SQ. FT.)	2026 DEMAND (SQ. FT.)	2036 DEMAND (SQ. FT.)
16	0	0	0
17	11,900	8,200	0
18	6,100	0	0
19	0	0	0
20	0	9,800	0
21	0	0	0
Proposed	294,580	236,133	234,867
Developments			
Vacant Land	20,691	151,426	402,797

Figure 5-1maps the development outlined in the table above.

#### 5.3 FULL BUILDOUT

The commercial development required to satisfy the demand for the full buildout scenario was based on the residential growth rate. It is assumed that the current average of 10 square feet of retail space per person is maintained. Residential growth is anticipated to grow by 15% from the 2036 scenario, similarly commercial development will increase by the same amount. The specific location of commercial growth was not identified, instead existing commercial areas are assumed to intensify.



#### INSTITUTIONAL 6

#### **INSTITUTIONAL GROWTH** 6.1

Kingston is home to several large institutions such as Correctional Services Canada (CSC), Canadian Forces Base (CFB) Kingston, Royal Military College of Canada (RMC), Queens University (Queens), and St. Lawrence College (SLC) among others. Forecasting growth for the various institutions in Kingston is challenging. There are many factors that influence how and when these institutions will grow. Some of the institutions have their own public Master Plans while others are less formalized. The approach to identify and allocate the anticipated growth for each institution is outlined below.

#### 6.2 FEDERAL INSTITUTIONS

Federal institutions that have a large presence in Kingston include CSC and CFB Kingston. These institutions do not have formal plans available that forecast their anticipated growth. Growth rates used for the various analysis years were based on the assumptions made in the CMA report to predict the population. The high case scenario in the CMA report assumed that the City would maintain its current 1% share of federal jobs and that federal jobs will grow by 41% over 29 years, resulting in an average annual growth of 1.41%. The report estimated that the Federal Government currently employs 5,800 people in Kingston, assuming a 29.6% growth (average of 1.41% annually 2015-2036) this would add 1,717 federal employees.

For the reasons stated above it was assumed that CSC and CFB Kingston will experience 29.6% growth over the analysis period. It is anticipated that these two institutions will intensify their operations on existing property and not acquire new land given their large existing land inventory in the area.

Kingston Penitentiary is an exception to this assumptions; the site was not operational during the existing analysis period. As a result the demand at the site would be very minimal resulting in an under estimate of future requirements at the site. This site is relatively high profile and is anticipated to be redeveloped in the near future. It is anticipated that the entire 8.5 ha site will be redeveloped by 2036. The phasing of development on this site has been estimated at 25% by 2021, 50% by 2026 and 100% by 2036.

INSTITUTION	2021 GROWTH	2026 GROWTH	2036 GROWTH
CSC	8%	16%	30%
CFB Kingston	8%	16%	30%
*Cumulative			

#### **Federal Institution Growth** Table 6-1

Cumulative

#### **ACADEMIC INSTITUTIONS** 6.3

There are three large academic institutions in Kingston: Queens, SLC and RMC. These institutions all have varving forecasts for their future growth. The assumptions related to these three institutions are outlined in the sections that follow.

#### 6.3.1 QUEEN'S UNIVERSITY

The CMA report estimated that students enrolled in undergraduate and graduate studies in Ontario will increase by 31% between 2014 and 2041, resulting in an average annualized growth rate of 1.16%. The report indicates that it is estimated that Queens will maintain its current share of post-secondary students. In discussion with Queens University Planning department and their projected 3 year enrollment numbers, Queens its estimated to grow by 7.89% between 2014/2015 and 2017/2018 and then hold fairly stable for at least another projected planning cycle (3 years). Based on this information the average annualized growth rate for the next 6 years is estimated at approximately 1.31% (7.89% / 6yrs) that is in line with the CMA growth rate (1.16%).

Therefore the CMA estimated growth was used for academic spaces and ancillary buildings on Queens Main Campus and were assumed to have their existing uses intensify at a rate of 1.16% per year. Student residences are not included in this category and are included below in 'Student Population'.

Additionally, a Servicing Plan was completed for Queens West Campus (Josselyn, 2014). The Servicing Plan indicated that Queens anticipated adding 2,000 student residence units and 15,000 square meters of academic space and upgrades to the Stadium, however no specific time frame was assigned. As the timeline for the growth is not definitive in this report, it is assuming that all the growth identified is online by the 2036 scenario. Student residences indicated above are included below in 'Student Population'.

It should be noted that Queens University has completed a Master Plan that details the strategic vision for the campus; however, the plan indicated that the purpose of the plan is not to pre-suppose growth but rather illustrate how the lands can evolve in a coordinated manner. Therefore this document was not used in the estimation of growth for Queens University.

#### Table 6-2 Queens University Growth

INSTITUTION	2021 GROWTH	2026 GROWTH	2036 GROWTH
Queens Main Campus	7.0%	12.8%	24.4%
Queens West Campus	Stadium Upgrades	Academic Upgrades	None

#### 6.3.2 ST LAWRENCE COLLEGE

St. Lawrence College does not have a formal Master Plan for the campus. The growth assumptions for SLC were obtained by consulting with their Associate Director of Capital Planning and Sustainability. It was indicated that SLC anticipates to experience growth of approximately 30% over the next 20-25 years. Assuming this all occurs during the analysis period (2015-2036) results in an average growth of 1.5% per year that is in line with the CMA report estimate growth (1.16%). The resulting distribution is summarized in Table 6-3 below. Student residences are not included in this category and are included below in 'Student Population'.

#### Table 6-3 St Lawrence College Growth

INSTITUTION	2021 GROWTH	2026 GROWTH	2036 GROWTH
SLC	8%	15%	30%

#### 6.3.3 ROYAL MILITARY COLLEGE

RMC was consulted during the Kinston East Masterplan Update regarding their anticipated growth. It was concluded that RMC does not expect to experience any growth and this assumption has been carried forward.

#### 6.3.4 STUDENT POPULATION

Queens and SLC are anticipated to grow by 24% and 30% respectively over the analysis period. Although the CMA considered growth of these institutions in terms of employment and permanent residents, it did not

include consideration for temporary residents (students) resulting from the growth of the academic institutions.

In 2014 Queens had a student population of 21,649 and residences for 4,089 of those students with an additional 550 residences becoming available starting in 2015. Based on these figures approximately 20% of students are currently accommodated in on-campus residences, with the remainder living in student housing in the university district. Queens anticipates increasing residence capacity on West Campus. The increase in capacity will be generated through increasing the density in one residence building to accommodate an additional 700 students and building a new residential cluster with 1,360 units (4 - 340 unit buildings) for a total increase of 2,060 residence units. It is assumed that this growth will be phased over the analysis period as outlined in Table 6-4 below.

Table 6-4	Queens	Student	Population	Growth

	2015	2021 GROWTH	2026 GROWTH	2036 GROWTH
Growth Rate	-	7.00%	12.80%	24.40%
Total Enrolment	21,649	23,164	24,420	26,931
Student Population Increase*	-	1,515	2,771	5,282
Increase On Campus (Residence) Capacity*	-	700	1380	2060
Increase Off Campus Living *	-	815	1,391	3,222
*Cumulativa				

\*Cumulative

In 2014 SLC had a student population of 4,729 and residences to accommodate 600 of those students. Based on these figures approximately 13% of students are currently accommodated in on-campus residences, with the remainder living in student housing in the community around the college. It is assumed that in 2026 an additional residence will be constructed to accommodate an additional 300 students on campus to maintain the approximate percent of on campus students. This is also the approximate size of the last residence expansion at the college Refer to Table 6-5 below.

#### Table 6-5 **SLC Student Population Growth**

	2015	2021 GROWTH	2026 GROWTH	2036 GROWTH
Growth Rate	-	8.00%	15.00%	30.00%
Total Enrolment	4,729	5,107	5,438	6,148
Student Population Increase*	-	378	709	1,419
Increase On Campus (Residence) Capacity*	-	0	300	300
Increase Living Off Campus*	-	378	409	1,119
*Cumulativa				

*Cumulative* 

#### Table 6-6 Total Student Population Growth

	2015	2021 GROWTH	2026 GROWTH	2036 GROWTH
Total Students	26,378	28,272	29,858	33,079
Student Population Increase	-	1,894	3,480	6,701
Increase On Campus (Residence) Capacity*	-	700	1,680	2,360
Increase Living Off Campus*	-	1,194	1,800	4,341

\*Cumulative

Accommodations for students living off campus are assumed to be provided through student housing located in the academic intensification area located between Queens and SLC outlined on Figure 3-2. The increase in residential units is assumed to be accommodated through the conversion of existing residential units to multi-unit student housing, increase density in existing buildings or conversions of single family

homes to student housing. The distribution of these units is assumed to be relatively even across the academic intensification area.

#### 6.4 OTHER INSTITUTIONS

Additional institutions within the City include fire, police, hospitals, elementary and high schools, among other public and municipal services. It is assumed that these institutions will continue to grow proportionally to the population that they serve. These services are assumed to remain in their current locations with intensification accommodating the growth.

INSTITUTION	2021 GROWTH	2026 GROWTH	2036 GROWTH
Hospitals	8%	15%	24%
Police + Fire	8%	15%	24%
Schools	8%	15%	24%
Public and Municipal Services	8%	15%	24%

 Table 6-7
 Other Institutional Growth



# Appendix A

**RESIDENTIAL GROWTH CALCULATIONS** 

## Residential Development

		Application Info					2021 Dev	elopment	2026 Dev	elopment	2036 Dev	elopment
PLAN_ID	Development Status	DEVELOPMEN	FILE	DEVELOPM_1	TOTAL UNITS	STATUS	Total	% of Total	Total	% of Total	Total	% of Total
9	COMMITTED	Midland Park Phase 4, Stage 2-4	D12-020-2014	SUBDIVISION	68	COMMITTED	68	100%	0	0%	0	0%
11	COMMITTED	Westbrook Meadows, Phase 1	D12-003-2005	SUBDIVISION	172	COMMITTED	172	100%	0	0%	0	0%
12	COMMITTED	Lydenwood Phase 3	D27-010-2007	SUBDIVISION	10	COMMITTED	5	50%	5	50%	0	0%
13	COMMITTED	Lyndenwood Phase 5	D12-005-2013	SUBDIVISION	183	COMMITTED	183	100%	0	0%	0	0%
14	COMMITTED	Kings Landing Phase 4	D12-015-2004	SUBDIVISION	52	COMMITTED	52	100%	0	0%	0	0%
15	COMMITTED	Lydenwood Phase 4, Stage 5	D12-060-2011	SUBDIVISION	46	COMMITTED	46	100%	0	0%	0	0%
16	COMMITTED	Cataraqui Mills	D12-037-2000	SUBDIVISION	45	COMMITTED	45	100%	0	0%	0	0%
17	COMMITTED	Cataraqui West Master Plan	D09-009-2004	SUBDIVISION	1753	COMMITTED	877	50%	877	50%	0	0%
18	COMMITTED	Woodhaven Tamarack Phase 1	D27-024-2010	SUBDIVISION	129	COMMITTED	129	100%	0	0%	0	0%
19	COMMITTED	Greenwood Parrk West	D12-059-2011	SUBDIVISION	87	COMMITTED	87	100%	0	0%	0	0%
20	COMMITTED	Westbrook Meadows, Phase 3	D12-007-2013	SUBDIVISION	58	COMMITTED	58	100%	0	0%	0	0%
21	COMMITTED	311 Conacher Dr	D12-070-2012	SUBDIVISION	258	COMMITTED	258	100%	0	0%	0	0%
23	COMMITTED	WoodHaven West Phase 1	D12-065-2011	SUBDIVISION	119	COMMITTED	119	100%	0	0%	0	0%
24	COMMITTED	1380 Crossfield Ave	D12-074-2012	SUBDIVISION	35	COMMITTED	35	100%	0	0%	0	0%
26	COMMITTED	1 Potter St	D12-053-2009	SUBDIVISION	141	COMMITTED	141	100%	0	0%	0	0%
27	COMMITTED	Westbrook Meadows, Phase 2	D12-061-2011	SUBDIVISION	22	COMMITTED	22	100%	0	0%	0	0%
29	COMMITTED	Baxter Farm North	D12-009-2013	SUBDIVISION	46	COMMITTED	46	100%	0	0%	0	0%
35	COMMITTED	Purdy's Mill	D12-064-2011	SUBDIVISION	705	COMMITTED	705	100%	0	0%	0	0%
36	COMMITTED	1201 Woodhaven Dr	D12-002-2013	SUBDIVISION	117	COMMITTED	117	100%	0	0%	0	0%
37	COMMITTED	Midland Park Phase 4, Stage 1	D12-004-2013	SUBDIVISION	26	COMMITTED	26	100%	0	0%	0	0%
38	COMMITTED	Rivers Edge- Phase 2	D12-006-2013	SUBDIVISION	30	COMMITTED	30	100%	0	0%	0	0%
39	COMMITTED	51 Holden St	D12-011-2013	SUBDIVISION	200	COMMITTED	200	100%	0	0%	0	0%
43	COMMITTED	74 Gore St	D11-418-2012	SITE PLAN	1	COMMITTED	1	100%	0	0%	0	0%
44	COMMITTED	2939 Creekford Rd	D12-072-2012	SUBDIVISION	68	COMMITTED	68	100%	0	0%	0	0%
50	COMMITTED	271-275 Alfred St	D11-027-2013	SITE PLAN	1	COMMITTED	1	100%	0	0%	0	0%
68	COMMITTED	770 PROGRESS AVE	D11-192-2008	SITE PLAN	5	COMMITTED	5	100%	0	0%	0	0%
1	PENDING	845 Gardiners Rd	D11-047-2014	SITE PLAN	167	PENDING	167	100%	0	0%	0	0%
2	PENDING	493-497 Princess St & 19-23 Chatham	D11-051-2014	SITE PLAN	190	PENDING	190	100%	0	0%	0	0%
3	PENDING	480, 460-468 Princess St & 327 Univer	D11-052-2014	SITE PLAN	222	PENDING	222	100%	0	0%	0	0%
4	PENDING	128-136 Ontario St	D11-053-2014	SITE PLAN	5	PENDING	5	100%	0	0%	0	0%
5	PENDING	180, 182 Bagot Street & 111 William S	D11-056-2014	SITE PLAN	1	PENDING	1	100%	0	0%	0	0%
6	PENDING	495-513 Frontenac St	D11-058-2014	SITE PLAN	71	PENDING	71	100%	0	0%	0	0%
7	PENDING	Woodhaven West, Phase 2	D12-015-2014	SUBDIVISION	121	PENDING	0	0%	121	100%	0	0%
8	PENDING	Woodhaven Phase 2 and 3	D12-019-2014	SUBDIVISION	122	PENDING	37	31%	85	69%	0	0%
10	PENDING	2700 Delmar St	D12-016-2014	SUBDIVISION	44	PENDING	22	50%	22	50%	0	0%
22	PENDING	780 Division St	D11-325-2011	SITE PLAN	62	PENDING	34	55%	28	45%	0	0%
25	PENDING	471 Cataraqui Woods Dr	D11-364-2011	SITE PLAN	94	PENDING	94	100%	0	0%	0	0%
28	PENDING	1138-1200 Hwy 15	D12-068-2012	SUBDIVISION	352	PENDING	167	47%	185	53%	0	0%
30	PENDING	155-159 Princess St	D11-377-2012	SITE PLAN	6	PENDING	6	100%	0	0%	0	0%
31	PENDING	73-79 Brock St	D11-378-2012	SITE PLAN	5	PENDING	5	100%	0	0%	0	0%
32	PENDING	247 Portsmouth Ave	D11-380-2012	SITE PLAN	17	PENDING	17	100%	0	0%	0	0%
33	PENDING	637-655 Johnson St	D11-384-2012	SITE PLAN	28	PENDING	28	100%	0	0%	0	0%
34	PENDING	752 King St West	D12-075-2012	SUBDIVISION	549	PENDING	0	0%	549	100%	0	0%
40	PENDING	740 Augusta Dr	D11-007-2013	SITE PLAN	41	PENDING	41	100%	0	0%	0	0%
41	PENDING	394-396 Princess St	D11-015-2013	SITE PLAN	20	PENDING	20	100%	0	0%	0	0%
42	PENDING	630 Princess St	D11-017-2013	SITE PLAN	29	PENDING	29	100%	0	0%	0	0%
45	PENDING	1350-1370 Woodfield Cres	D12-008-2013	SUBDIVISION	408	PENDING	135	33%	273	67%	0	0%
46	PENDING	655 Graceland Ave	D12-010-2013	SUBDIVISION	53	PENDING	21	40%	32	60%	0	0%
47	PENDING	3566 Princess St	D12-012-2013	SUBDIVISION	66	PENDING	0	0%	66	100%	0	0%
48	PENDING	1163 Centennial Dr	D12-014-2013	SUBDIVISION	563	PENDING	0	0%	563	100%	0	0%
49	PENDING	70 Barbara Ave	D11-025-2013	SITE PLAN	49	PENDING	0	0%	49	100%	0	0%
51	PENDING	705 King St West	D11-070-2014	SITE PLAN	4	PENDING	0	0%	4	100%	0	0%
52	PENDING	48A Point St Mark Dr	D14-012-2013	ZONING	95	PENDING	0	0%	95	100%	0	0%

		Application Info					2021 Dev	elopment	2026 Dev	elopment	2036 Dev	elopment
PLAN_ID	Development Status	DEVELOPMEN	FILE	DEVELOPM_1	TOTAL UNITS	STATUS	Total	% of Total	Total	% of Total	Total	% of Total
53	PENDING	50 Newcourt Place	D14-248-2012	ZONING & OP	99	PENDING	0	0%	99	100%	0	0%
54	PENDING	725 Highway 15	D14-002-2013	ZONING	240	PENDING	0	0%	240	100%	0	0%
55	PENDING	809 & 829 Development Dr	D14-046-2013	ZONING	128	PENDING	0	0%	128	100%	0	0%
56	PENDING	720 Princess St	D14-063-2014	ZONING	64	PENDING	0	0%	64	100%	0	0%
57	PENDING	217-219 UNIVERSITY AVE & 330 WILLI	D11-080-2014	SITE PLAN	6	PENDING	6	100%	0	0%	0	0%
58	PENDING	371 DIVISION ST	D14-089-2014	ZONING	8	PENDING	0	0%	8	100%	0	0%
59	PENDING	36-40 CLIFF CR	D11-081-2014	SITE PLAN	29	PENDING	29	100%	0	0%	0	0%
60	PENDING	2192-2196 SWANFIELD ST	D14-088-2014	ZONING	2	PENDING	0	0%	2	100%	0	0%
61	PENDING	662 KING ST W	D14-097-2014	ZONING	3	PENDING	0	0%	3	100%	0	0%
62	PENDING	771 MONTREAL STREET	D14-098-2014	ZONING	6	PENDING	0	0%	6	100%	0	0%
63	PENDING	259-265 PRINCESS ST	D14-099-2014	ZONING	8	PENDING	0	0%	8	100%	0	0%
64	PENDING	41 MACKENZIE CR	D14-101-2014	ZONING	1	PENDING	0	0%	1	100%	0	0%
65	PENDING	165-171 WELLINGTON ST	D11-075-2014	SITE PLAN	26	PENDING	26	100%	0	0%	0	0%
66	PENDING	174 PRINCESS ST	D11-034-2013	SITE PLAN	2	PENDING	2	100%	0	0%	0	0%
67	PENDING	735-745 HIGHWAY 15	D11-077-2014	SITE PLAN	116	PENDING	58	50%	58	50%	0	0%
13344	FUTURE	240 NELSON ST	0.10	20	2		0	0%	0	0%	2	100%
13381	FUTURE	21 BARTLETT ST	0.08	20	2		0	0%	0	0%	2	100%
13423	FUTURE	53 BARTLETT ST	0.08	20	2		0	0%	0	0%	2	100%
13761	FUTURE	218 CONCESSION ST	0.23	20	5		0	0%	0	0%	5	100%
17905	FUTURE	85 HAMILTON ST	0.08	20	2		0	0%	0	0%	2	100%
12932	FUTURE	567 FRONTENAC ST	0.10	20	2		0	0%	0	0%	2	100%
13376	FUTURE	16 BARTLETT ST	0.09	20	2		0	0%	0	0%	2	100%
13807	FUTURE	19 BARTLETT ST	0.08	20	2		0	0%	0	0%	2	100%
19337	FUTURE	134 CHATHAM ST	0.09	20	2		0	0%	0	0%	2	100%
13422	FUTURE	17 BARTLETT ST	0.10	20	2		0	0%	0	0%	2	100%
13369	FUTURE	621 VICTORIA ST	0.08	20	2		0	0%	0	0%	2	100%
13819	FUTURE	672 VICTORIA ST	0.08	20	2		0	0%	0	0%	2	100%
13777	FUTURE	616 VICTORIA ST	0.12	20	2		0	0%	0	0%	2	100%
13799	FUTURE	15 BARTLETT ST	0.09	20	2		0	0%	0	0%	2	100%
17932	FUTURE	45 HAMILTON ST	0.15	20	3		0	0%	0	0%	3	100%
12970	FUTURE	552 FRONTENAC ST	0.12	20	2		0	0%	0	0%	2	100%
19631	FUTURE	44 LINTON ST	0.12	20	2		0	0%	0	0%	2	100%
17935	FUTURE	174 YORK ST	0.09	20	2		0	0%	0	0%	2	100%
21148	FUTURE	5 EMILY ST	0.16	20	3		0	0%	0	0%	3	100%
36703	FUTURE	75 LOWER UNION ST	0.10	20	2		0	0%	0	0%	2	100%
5292	FUTURE	174 EARL ST	0.23	20	5		0	0%	0	0%	5	100%
5074	FUTURE	12 WELLINGTON ST	0.10	20	2		0	0%	0	0%	2	100%
5313	FUTURE	46 SYDENHAM ST	0.10	20	2		0	0%	0	0%	2	100%
21088	FUTURE	1 EMILY ST	0.14	20	3		0	0%	0	0%	3	100%
21140	FUTURE	85 KING ST	0.17	20	3		0	0%	0	0%	3	100%
21139	FUTURE	81 KING ST	0.20	20	4		0	0%	0	0%	4	100%
8870	FUTURE	84 WILLIAM ST	0.13	20	3		0	0%	0	0%	3	100%
6227	FUTURE	33 HILLCROFT DR	0.14	20	3		0	0%	0	0%	3	100%
10673	FUTURE	96A COLLEGE ST	0.15	20	3		0	0%	0	0%	3	100%
10712	FUTURE	111 COLLEGE ST	0.11	20	2		0	0%	0	0%	2	100%
9110	FUTURE	160 MACDONNELL ST	0.11	20	2		0	0%	0	0%	2	100%
8440	FUTURE	164 MACDONNELL ST	0.15	20	3		0	0%	0	0%	3	100%
36831	FUTURE	26 HILLCROFT DR	0.29	20	6		0	0%	0	0%	6	100%
11053	FUTURE	124 CHURCHILL CRES	0.14	20	3		0	0%	0	0%	3	100%
11223	FUTURE	84 COLLEGE ST	0.13	20	3		0	0%	0	0%	3	100%
6578	FUTURE	66 MACDONNELL ST	0.14	20	3		0	0%	0	0%	3	100%
6577	FUTURE	76 MACDONNELL ST	0.19	20	4		0	0%	0	0%	4	100%
9517	FUTURE	412 EARL ST	0.11	20	2		0	0%	0	0%	2	100%
6585	FUTURE	86 MACDONNELL ST	0.17	20	3		0	0%	0	0%	3	100%
11289	FUTURE	64 COLLEGE ST	0.17	20	3		0	0%	0	0%	3	100%
11290	FUTURE	72 COLLEGE ST	0.13	20	3		0	0%	0	0%	3	100%

Application Info					2021 Development		2026 Development		2036 De	velopment	
PLAN_ID	Development Status	DEVELOPMEN	FILE	DEVELOPM_1	TOTAL UNITS STATUS	Total	% of Total	Total	% of Total	Total	% of Total
11218	FUTURE	96A COLLEGE ST	0.12	20	2	0	0%	0	0%	2	100%
6573	FUTURE	345 UNION ST	0.11	20	2	0	0%	0	0%	2	100%
6584	FUTURE	90 MACDONNELL ST	0.12	20	2	0	0%	0	0%	2	100%
11052	FUTURE	128 CHURCHILL CRES	0.12	20	2	0	0%	0	0%	2	100%
10687	FUTURE	123 COLLEGE ST	0.13	20	3	0	0%	0	0%	3	100%
11222	FUTURE	90 COLLEGE ST	0.13	20	3	0	0%	0	0%	3	100%
4781	FUTURE	619 BROCK ST	0.30	20	6	0	0%	0	0%	6	100%
10672	FUTURE	94 COLLEGE ST	0.14	20	3	0	0%	0	0%	3	100%
10713	FUTURE	117 COLLEGE ST	0.12	20	2	0	0%	0	0%	2	100%
11054	FUTURE	118 CHURCHILL CRES	0.12	20	2	0	0%	0	0%	2	100%
12292	FUTURE	290 WESTDALE AVE	0.12	20	2	0	0%	0	0%	2	100%
5244	FUTURE	212 MACDONNELL ST	0.13	20	3	0	0%	0	0%	3	100%
36830	FUTURE	106 MACDONNELL ST	0.12	20	2	0	0%	0	0%	2	100%
6602	FUTURE	149 WILLINGDON AVE	0.11	20	2	0	0%	0	0%	2	100%
11219	FUTURE	78 COLLEGE ST	0.15	20	3	0	0%	0	0%	3	100%
11602	FUTURE	20 HELEN ST	0.14	20	3	0	0%	0	0%	3	100%
11287	FUTURE	58 COLLEGE ST	0.24	20	5	0	0%	0	0%	5	100%
8859	FUTURE	75 Nelson	0.11	20	2	0	0%	0	0%	2	100%
11055	FUTURE	112 COLLEGE ST	0.11	20	2	0	0%	0	0%	2	100%
6079	FUTURE	307 WILLINGDON AVE	0.11	20	2	0	0%	0	0%	2	100%
11994	FUTURE	318A ALBERT ST	0.19	20	4	0	0%	0	0%	4	100%
6416	FUTURE		0.23	20	5	0	0%	0	0%	5	100%
15473	FUTURE	517 division st	0.21	20	4	0	0%	0	0%	4	100%
15436	FUTURE	155 FRASER ST	0.21	20	4	0	0%	0	0%	4	100%
15055	FUTURE		0.52	20	10	0	0%	0	0%	10	100%
17773	FUTURE		0.25	20	5	0	0%	0	0%	5	100%
17662	FUTURE	482 DIVISION ST	0.28	20	6	0	0%	0	0%	6	100%
18124	FUTURE	827 ALFRED CRES	0.14	20	3	0	0%	0	0%	3	100%
17762	FUTURE	588 DIVISION ST	1.41	20	28	0	0%	0	0%	28	100%
17660	FUTURE	37 CARLETON ST	0.16	20	3	0	0%	0	0%	3	100%
15787	FUTURE	25 CAMERON ST	0.16	20	3	0	0%	0	0%	3	100%
14169	FUTURE	115 KIRKPATRICK ST	0.27	20	5	0	0%	0	0%	5	100%
17706	FUTURE	41 CONCESSION ST	0.27	20	5	0	0%	0	0%	5	100%
17966	FUTURE	534 DIVISION ST	0.18	20	4	0	0%	0	0%	4	100%
17661	FUTURE	488 DIVISION ST	0.20	20	4	0	0%	0	0%	4	100%
17946	FUTURE	552 DIVISION ST	0.17	20	3	0	0%	0	0%	3	100%
15788	FUTURE	23 CAMERON ST	0.13	20	3	0	0%	0	0%	3	100%
18637	FUTURE	11 GUY ST	0.26	20	5	0	0%	0	0%	5	100%
12923	FUTURE	329 DIVISION ST	0.11	20	2	0	0%	0	0%	2	100%
36727	FUTURE	66 RIDEAU ST	0.23	20	5	0	0%	0	0%	5	100%
18955	FUTURE		0.18	20	4	0	0%	0	0%	4	100%
9684	FUTURE	7 ADELAIDE ST	0.11	20	2	0	0%	0	0%	2	100%
9137	FUTURE	305 rideua street	0.28	20	6	0	0%	0	0%	6	100%
9261	FUTURE	12 CATARAQUI ST	0.32	20	6	0	0%	0	0%	6	100%
17972	FUTURE	240 MONTREAL ST	0.12	20	2	0	0%	0	0%	2	100%
9205	FUTURE	381 BAGOT ST	0.39	20	8	0	0%	0	0%	8	100%
19051	FUTURE	23 REDAN ST	0.13	20	3	0	0%	0	0%	3	100%
13985	FUTURE	158 PATRICK ST	1.36	20	27	0	0%	0	0%	27	100%
9240	FUTURE	332 RIDEAU ST	0.28	20	6	0	0%	0	0%	6	100%
9700	FUTURE		0.73	20	15	0	0%	0	0%	15	100%
9309	FUTURE	97B CATARAQUI ST	0.11	20	2	0	0%	0	0%	2	100%
6332	FUTURE	412 bagot st	0.12	20	2	0	0%	0	0%	2	100%
20234	FUTURE	312 KING ST	0.18	20	4	0	0%	0	0%	4	100%
10084	FUTURE		0.29	20	6	0	0%	0	0%	6	100%
10166	FUTURE	28 EDGEHILL ST	0.59	20	12	0	0%	0	0%	12	100%
20239	FUTURE	480 KING ST	0.19	20	4	0	0%	0	0%	4	100%

		Application Info					2021 Dev	elopment	2026 De	velopment	2036 Dev	elopment
PLAN_ID	Development Status	DEVELOPMEN	FILE	DEVELOPM_1	TOTAL UNITS	STATUS	Total	% of Total	Total	% of Total	Total	% of Total
3629	FUTURE	Davis Tannery	11.45	N/A	268		0	0%	0	0%	100	37%
9797	FUTURE	North Block			450		0	0%	0	0%	450	100%
10091	FUTURE	Saint Mary's on the Lake	4.98	30	150		0	0%	0	0%	0	0%
13875	FUTURE	Nortel Lands		N/A	1526		0	0%	0	0%	1156	76%
	FUTURE	223 Princess		N/A	223		0	0%	0	0%	223	100%
	FUTURE	510 Frontenac		N/A	258		0	0%	0	0%	258	100%
	FUTURE	Rideau Community	21.25	37.5	797		0	0%	0	0%	797	100%
4706	FUTURE	Williamsville	0.06	160	10		0	0%	0	0%	10	100%
13390	FUTURE	Williamsville	0.10	80	8		0	0%	0	0%	8	100%
12946	FUTURE	Williamsville	0.22	160	35		0	0%	0	0%	35	100%
13773	FUTURE	Williamsville	0.12	80	9		0	0%	0	0%	9	100%
13821	FUTURE	Williamsville	0.70	280	196		0	0%	0	0%	196	100%
8377	FUTURE	Williamsville	0.16	280	44		0	0%	0	0%	44	100%
19624	FUTURE	Williamsville	0.15	400	60		0	0%	0	0%	60	100%
13774	FUTURE	Williamsville	0.08	80	7		0	0%	0	0%	7	100%
4421	FUTURE	Williamsville	0.19	280	53		0	0%	0	0%	53	100%
4422	FUTURE	Williamsville	0.17	280	46		0	0%	0	0%	46	100%
11626	FUTURE	Williamsville	0.18	280	51		0	0%	0	0%	51	100%
19650	FUTURE	Williamsville	0.08	400	34		0	0%	0	0%	34	100%
12025	FUTURE	Williamsville	0.15	80	12		0	0%	0	0%	12	100%
12942	FUTURE	Williamsville	0.08	160	12		0	0%	0	0%	12	100%
13772	FUTURE	Williamsville	0.31	400	126		0	0%	0	0%	126	100%
12540	FUTURE	Williamsville	0.15	80	12		0	0%	0	0%	12	100%
19618	FUTURE	Williamsville	0.08	80	7		0	0%	0	0%	7	100%
11632	FUTURE	Williamsville	0.67	280	188		0	0%	0	0%	166	88%
13775	FUTURE	Williamsville	0.11	80	9		0	0%	0	0%	9	100%
13776	FUTURE	Williamsville	0.08	80	6		0	0%	0	0%	6	100%
8250	FUTURE	Williamsville	0.15	160	25		0	0%	0	0%	25	100%
8241	FUTURE	Williamsville	0.67	280	188		0	0%	0	0%	183	98%
12941	FUTURE	Williamsville	0.04	160	7		0	0%	0	0%	7	100%
12026	FUTURE	Williamsville	0.05	80	4		0	0%	0	0%	4	100%
4484	FUTURE	Williamsville	0.12	160	19		0	0%	0	0%	19	100%
13769	FUTURE	Williamsville	0.62	400	248		0	0%	0	0%	248	100%
19629	FUTURE	Williamsville	0.19	80	15		0	0%	0	0%	15	100%
13001	FUTURE	Williamsville	0.05	80	4		0	0%	0	0%	4	100%
13788	FUTURE	Williamsville	0.21	80	17		0	0%	0	0%	17	100%
13743	FUTURE	Williamsville	0.63	280	176		0	0%	0	0%	177	100%
12995	FUTURE	Williamsville	0.22	280	62		0	0%	0	0%	62	100%

# Appendix B

**COMMERCIAL GROWTH CALCULATIONS** 

## Projected Commercial Development

			2021		2026		2036	
		% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	
	Node 1							
1724 Bath Rd	1100	100%	1100	0%	0	0%	0	
0 Bath Rd	3300	100%	3300	0%	0	0%	0	
0 Bath Rd	3000	0%	0	100%	3000	0%	0	
0 Bath Rd	10300	0%	0	0%	0	0%	0	
	Total Analysis Period	25%	4400	17%	3000	0%	0	
Cumulative Total:	17700.00	25%	4400	42%	7400	42%	7400	
Available Space at Node	272100.00						0	
	Vacancy Rate of Node		5%		4%		4%	
	Node 2	_				_		
1638 Bath Rd	2300	100%	2300	0%	0	0%	0	
0 Bath Rd	9500	0%	0	0%	0	0%	0	
	Total Analysis Period	19%	2300	0%	0	0%	0	
Cumulative Total:	11800	19%	2300	19%	2300	19%	2300	
Available Space at Node	392600.00						0	
Vacancy Rate of Node		2%		2%		2%		
	Node 3							
1259 Gardiners Rd	8500	100%	8500		0	0%	0	
	Total Analysis Period	100%	8500	0%	0	0%	0	
Cumulative Total:	8500.00	100%	8500	100%	8500	100%	8500	
Available Space at Node	341300.00						0	
	Vacancy Rate of Node		0%		0%		0%	
	Node 4	11						
945 Gardiners Rd	1500	0%	0	100%	1500	0%	0	
	Total Analysis Period	0%	0	100%	1500	0%	0	
Cumulative Total:	1500.00	0%	0	100%	1500	100%	1500	
Available Space at Node	587800.00						0	
	Vacancy Rate of Node		0%		0%		0%	
	Node 6	п				u		
1201 Division St	16500	100%	16500	0%	0	0%	0	
0 Division St	1800	100%	1800	0%	0	0%	0	
	Total Analysis Period	100%	18300	0%	0	0%	0	
Cumulative Total:	18300.00	100%	18300	100%	18300	100%	18300	
Available Space at Node	120600.00						0	
	Vacancy Rate of Node		0%		0%		0%	
	Node 7	11				u		
15 Montreal St	1000	100%	1000	0%	0	0%	0	
19 Queen St	19400	0%	0	100%	19400	0%	0	
32 Montreal St	600	0%	0	0%	0	0%	0	
37 Montreal St	2500	100%	2500	0%	0	0%	0	
122 Princess St	4200	0%	0	0%	0	0%	0	
122 Princess St	3300	0%	0	100%	3300	0%	0	
125 Princess St	800	0%	0	100%	800	0%	0	
149 Brock St	700	0%	0	100%	700	0%	0	
165 Wellington St	1200	100%	1200	0%	0	0%	0	
166 Wellington St	5200	0%	0	100%	5200	5200 0%		
169 Princess St	3500	100%	3500	0%	0	0%	0	
172 Ontario St	1800	100%	1800	0%	0	0%	0	
173 Princess St	4000	100%	4000	0%	0	0%	0	
185 Division St	1900	0%	0	0%	0	0%	0	

## Projected Commercial Development

			2021		2026	2	036
5	la l	% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	% Developed	Sq Ft Developed
	Node 1						
1724 Bath Rd	1100	100%	1100	0%	0	0%	0
0 Bath Rd	3300	100%	3300	0%	0	0%	0
0 Bath Rd	3000	0%	0	100%	3000	0%	0
0 Bath Rd	10300	0%	0	0%	0	0%	0
	Total Analysis Period	25%	4400	17%	3000	0%	0
Cumulative Total:	17700.00	25%	4400	42%	7400	42%	7400
Available Space at Node	272100.00	· · · · · · · · · · · · · · · · · · ·					0
	Vacancy Rate of Node	3	5%	8	4%		4%
	Node 2						
1638 Bath Rd	2300	100%	2300	0%	0	0%	0
0 Bath Rd	9500	0%	0	0%	0	0%	0
	Total Analysis Period	19%	2300	0%	0	0%	0
Cumulative Total:	11800	19%	2300	19%	2300	19%	2300
Available Space at Node	392600.00						0
Vacancy Rate of Node		2%		2%		2%	0
	Node 3	149-					8
1259 Gardiners Rd	8500	100%	8500		0	0%	0
	Total Analysis Period	100%	8500	0%	0	0%	0
Cumulative Total:	8500.00	100%	8500	100%	8500	100%	8500
Available Space at Node	341300.00						0
	Vacancy Rate of Node		0%		0%	()	0%
	Node 4					0	
945 Gardiners Rd	1500	0%	0	100%	1500	0%	0
	Total Analysis Period	0%	0	100%	1500	0%	0
Cumulative Total:	1500.00	0%	0	100%	1500	100%	1500
Available Space at Node	587800.00						0
	Vacancy Rate of Node		0%		0%	8	0%
	Node 6		- 7240				74.60
1201 Division St	16500	100%	16500	0%	0	0%	0
0 Division St	1800	100%	1800	0%	0	0%	0
	Total Analysis Period	100%	18300	0%	0	0%	0
Cumulative Total:	18300.00	100%	18300	100%	18300	100%	18300
Available Space at Node	120600.00	10070	10000	10070	10000		0
	Vacancy Rate of Node		0%		0%	8	0%
	Node 7					8	
15 Montreal St	1000	100%	1000	0%	0	0%	0
19 Oueen St	19400	0%	0	100%	19400	0%	0
32 Montreal St	600	0%	0	0%	0	0%	0
37 Montreal St	2500	100%	2500	0%	0	0%	0
122 Princess St	4200	0%	0	0%	0	0%	0
122 Princess St	3300	0%	0	100%	3300	0%	0
125 Princess St	800	0%	0	100%	800	0%	0
149 Brock St	700	0%	0	100%	700	0%	0
165 Wellington St	1200	100%	1200	0%	,00	0%	0
166 Wellington St	5200	0%	1200	100%	5200	0%	0
169 Princess St	3500	100%	3500	0%	5200	0%	0
172 Ontario St	1800	100%	1800	0%	0	0%	0
173 Princess St	4000	100%	4000	0%	0	0%	0
185 Division St	1000	.0%	4000	0%	0	0%	0
TO' DIVISION SC	1900	076	0	070	0	076	U

	1		2021		2026		2036
		% Developed	Sa Et Developed	% Developed	Sa Ft Developed	% Developed	So Et Developed
187 Princess St	1400	100%	1400	0%	oq i t beveloped	0%	Sqrebeveloped
203 Wellington St	1900	0%	0	0%	0	096	
205 Wellington St	2500	100%	2500	0%	0	096	
207 Princess St	7900	100%	7900	0%	0	0%	
227 Princess St	1700	0%	0	0%	0	096	
265 Princess St	800	0%	0	0%	0	0%	
268 Princess St	1600	0%	0	0%	0	0%	
275 Oveen St	3200	100%	3200	0%	0	096	
201 Dringes St	1400	100%	5200	0%	0	096	
203 Princess St	1400	0%	0	0%	0	096	
303 Roant St	700	0%	0	0%	0	096	
300 Dringers St	1900	0%	0	0%	0	096	
330 Finitess St	5500	0%	0	100%	5500	096	
247 Dringore St	7300	0%	0	100%	2300	0%	
347 Princess St	1600	0%	0	100%	1500	0%	
360 Ving St	1000	0%	0	100%	1000	070	
271 Dringars St	2000	070	0	070	0	070	
0 Prock Ct	4400	0%	0	0%	0	0%	
O Brock St	2/00	0%	0	100%	2/00	0%	
o king st	5200	070	0	070	U	070	
0 Ontario St	2300	0%	0	0%	0	0%	
0 Princess St	10000	0%	0	100%	10000	0%	
128-134 Ontario St	8300	0%	0	100%	8300	0%	
218-224 Princess St	7600	0%	0	100%	7600	0%	
	Total Analysis Period	22%	29000	55%	72300	0%	
Cumulative Total:	131800.00	22%	29000	77%	101300	77%	101300
Available Space at Node	1705200.00		- 14		- 22		
	vacancy Rate of Node		670	2	2%		2%
	Node 8			-		6	
1300 Bath Rd	35900	25%	8975	25%	8975	0%	
	Total Analysis Period	25%	8975	25%	8975	0%	0
Cumulative Total:	35900.00	25%	8975	50%	17950	50%	17950
Available Space at Node	291100.00	1					0
	Vacancy Rate of Node		9%		6%		6%
	Node 9	-		<u>.</u>	54		1
688 Mckay St	2000	0%	0	0%	0	0%	
745 Development Dr	4500	100%	4500	0%	0	0%	0
745 Development Dr	5300	100%	5300	0%	0	0%	
0 Justus Dr	1400	0%	0	100%	1400	0%	0
	Total Analysis Period	74%	9800	11%	1400	0%	0
Cumulative Total:	13200.00	74%	9800	85%	11200	85%	11200
Available Space at Node	354100,00				1		0
	Vacancy Rate of Node		1%		1%	)	1%
	Node 10						
0 Gardiners Rd	10400	100%	10400	0	0		0
	Total Analysis Period	100%	10400	0%	0	0%	
Cumulative Total:	10400.00	100%	10400	100%	10400	100%	10400
Available Space at Node	152600.00		8				(
	Vacancy Rate of Node		0%		0%		0%
	Node 11	1	1	5	1		
650 Cardiners Pd	1200	0%	0	100%	1200	0%	i i
000 Gereiners No		1000/	1200		0	0%	
846 Taylor Kidd Blvd	1200	100%	1200		-		
S46 Taylor Kidd Blvd O Arlington Park Place	1200	100%	2500		0	096	
846 Taylor Kidd Blvd O Arlington Park Place O Gardiners Rd	1200 2500 10700	100%	2500	6	0	0%	
846 Taylor Kidd Blvd O Arlington Park Place O Gardiners Rd	1200 2500 10700 Total Analysis Period	100% 100% 0% 24%	2500	8%	0	0% 0%	

			2021		2026		2036	
		% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	
Available Space at Node	458000.00		21/		20/		0	
	Vacancy Rate of Node		370		270		2%	
4424 John Revenues Blod	Note 12	400%	500	1				
1121 John Counter Biva	SUU Tatal Analysis Davied	100%	500	21/	0	0%	0	
Cumulative Tetal:	Total Analysis Period	100%	500	100%	500	100%	500	
Cumulative rotal.	101100.00	100%	500	100%	500	100%	500	
Available space at Note	Vacancy Date of Node		014		0%		0%	
	Node 13	1	076		076	1	070	
516-670 Cardinars Rd	20200	0%	0	4096	8320	0%		
010-070 Galdillers ku	Total Analysis Period	0%	0	40%	8320	0%	0	
Cumulative Total:	Total Analysis Period	0%	0	40%	8320	40%	8320	
Augilable Space at Node	768700.00	070		4070	6520	4070	3320	
Available space at Node	Vacancy Date of Node		3%		2%		2%	
	Node 14	1	3/0	I	2/10	11	270	
0 Midland Ave	12100	014		1				
	13100 Total Analyzic Decied	0%	0	004	0	0%	0	
Cumulative Total	13100 00	0%	0	0%	0	0%	0	
Augilable Space at Node	13100.00	076		070		0/0		
Available space at Node	Vacancy Date of Node		394		304		394	
	Node 15	1	370		570	1	370	
23 Abasfaula Dd	10000 13	0%		1		044		
105 Sutherland Dr.	2300	100%	2200		0	0%	0	
105 Societiand Dr	2300	100%	2300		0	0%	0	
233 Division St	1200	100%	1200		0	0%	0	
5/2 DIVISION SC	1000	100%	1000		0	0%	0	
700 Front Pd	2100	100%	2100	100%	1000	0%	0	
700 Front Rd	1800	0%	0	100%	1800	0%	0	
752 FIORERG	5300	0%	0	0%	0	0%	0	
900 Montreal St	5200	100%	1000	0%	0	0%	0	
o Division St	1000	100%	1000	0%	0	0%	0	
0 Taylor Kidd Blud	1000	100%	1000		0	0%	0	
0 Conserving St	10000	0%	0			0%	0	
o concession sc	Total Analysis Period	25%	8600	= 04	1800	0%	0	
Cumulative Tetal	Total Analysis Period	25%	8600	370	1000	0%	10400	
Cumulative rotal.	54000.00	2370	8000	50%	10400	50%	10400	
Available Space at Node	Vacancy Date of Node		496		496		496	
	Node 16	1	-//		470	1	470	
0 King St	1900		0		0	0%	0	
o king st	Total Analysis Period	0%	0	096	0	0%	0	
Cumulative Tetal:	1900.00	0%	0	0%		0%	0	
Available Space at Node	52900.00	070		0/0			0	
Available Space at Node	Vacancy Rate of Node	3%			3%		3%	
	Node 17	1	374		574	1	370	
A61 Bringers St	3100	0%	0	1	0	0%		
AR1 Drinners St	3100	0%	0		0	0%	0	
402 Finitess St	3100	100%	3300		0	0%	0	
527 Princess St	2200	100%	2200		0	0%	0	
545 Drinners St	1200	100%	1200		0	0%	0	
540 Princess St	1500	100%	1500	100%	2500	0%	0	
662 Drinness St	1900	0%	0	100%	1900	0%	0	
EDE Drinners St	1000	0%	0	100%	1800	0%	0	
RA3 Drinness St	2900	100%	1700	100%	2900	0%	0	
R50 Princess St	1/00	100%	1/00		0	0%	0	
O Drinners St	4500	100%	4500		0	0%	0	
or Princess St	2500	0%	0		0	0%	0	

			2021		2026		2036
		% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	% Developed	Sg Ft Developed
0 Princess St	6800	0%	0		0	0%	0
	Total Analysis Period	33%	11900	23%	8200	0%	0
Cumulative Total:	35600.00	33%	11900	56%	20100	56%	20100
Available Space at Node	500200.00						
	Vacancy Rate of Node		5%		3%		3%
	Node 18					_	
1100 Princess St	1700	0%	0		0	0%	0
1100 Princess St	3800	100%	3800		0	0%	0
1137 Princess St	5700	0%	0		0	0%	
1187 Princess St	1000	100%	1000		0	0%	(
1412 Princess St	1300	100%	1300		0	0%	(
	Total Analysis Period	45%	6100	0%	0	0%	
Cumulative Total:	13500.00	45%	6100	45%	6100	45%	610
Available Space at Node	592000.00					l	0
	Vacancy Rate of Node		1%		1%		1%
	Node 19	0				1	
2776 Princess St	4100	0%	0		0	0%	
2799 Princess St	1300	0%	0		0	0%	
0 Norwest Rd	1800	0%	0		0	0%	(
	Total Analysis Period	0%	0	0%	0	0%	(
Cumulative Total:	7200.00	0%	0	0%	0	0%	
Available Space at Node	489600.00		- 54		- 01		- 11
	Vacancy Rate of Node		1%		1%		1%
2544 Deineses St	Node 20			100%	2200		
2011 Princess St	2200	0%	0	100%	2200	0%	
0 Princess St	7300	0%	0		0	0%	
0 Select Dr	7500	0%	0	100%	7600	0%	
	Total Analysis Period	0%	0	54%	9800	0%	
Cumulative Total:	18100.00	0%		54%	9800	54%	980
Available Space at Node	656400.00				5000		
	Vacancy Rate of Node		3%		1%	1	1%
	Node 21	I					
235 The Gore Rd	1200	0%	0		0	0%	
667 King St	1400	0%	0		0	0%	
760 County Rd 15	1100	0%	0		0	0%	
	Total Analysis Period	0%	0	0%	0	0%	
Cumulative Total:	3700.00	0%	0	0%	0	0%	
Available Space at Node	83800.00						
	Vacancy Rate of Node		4%		4%		4%
	Proposed Developm	ents					
Division Street & Dalton Avenue	277500	60%	166500	40%	111000	0%	i (
Princess Street and Sir John A. MacDonald	600000	20%	120000	20%	120000	40%	24000
Gardiners Road and Princess Street	179000	0%	0		0	0%	
Pharma Plus 434 Taylor KiddBoulevard	11173	0%	0		0	0%	
Bath Road at Coverdale Drive (newPharma Plus + other buildings)	29287	0%	0		0	0%	1
LCBO 1089 Midland Avenue	10463	0%	0		0	0%	1
TDL Group – Tim Horton's Restaurant and vacant building	8080	100%	8080		0	0%	
Kingston Volkswagen - Addition	5156	0%	0		0	0%	
The Royal Bank 523 Golden MileRoad	7330	0%	0		0	0%	
Mercedes-Benz Dealership 1432 BathRoad - New Dealership	10567	0%	0		0	0%	
841 Hwy No. 15 (New Gas Station and Plaza)	6835	0%	0		0	0%	
Kincore Holdings 326 Bagot Street (Proposing ground floor commercial with the residential component. W	11302	0%	0		0	0%	
	Total Analysis Period	25%	294580	20%	231000	21%	24000
Cumulative Total:	1156693.00	25%	294580	45%	525580	66%	76558

		0004		0000		0000
		2021		2026		2036
	% Developed	Sq Ft Developed	% Developed	Sq Ft Developed	% Developed	Sq Ft Developed
Vacant Land						
SW corner of Taylor-Kidd Boulevard & John Counter Boulevard 160083	0%	0	35%	56029	0%	0
SE corner of Taylor-Kidd Boulevard & John Counter Boulevard (not including the existing motel) 104544	0%	0	30%	31363	34%	35545.0164
Dacon lands on Gardiners Rd across from RioCan Centre 103455	20%	20691		0	80%	82764.13132
Gore Road Plaza 46283	0%	0		0	100%	46282.57343
Midland Avenue – north of Loblaws 9202:	. 0%	0	40%	36808	0%	i 0
Midland Avenue – new LCBO and adjacent properties 20419	0%	0		0	100%	20418.7824
Kingston Centre (northeast corner of Sir John A. MacdonaldBoulevard. & Bath Road) 54450	0%	0	50%	27225	0%	i 0
Midland Avenue – north and west of McDonald's 45085	0%	0		0	100%	45084.67153
Vacant site next to new Pharma Plus on Bath Rd at Coverdale Drive 43560	0%	0		0	100%	43560.06911
SE corner of Taylor-Kidd Boulevard & Centennial Drive 4029:	0%	0		0	100%	40293.06393
South side of Taylor-Kidd Boulevard at Bexley Gate 32670	0%	0		0	100%	32670.05184
Former Goodwill site on Princess Street (near Portsmouth Avenue) 26136	0%	0		0	100%	26136.04147
NW corner of Taylor-Kidd Boulevard & John Counter Boulevard –seasonal landscaping business 1851:	0%	0		0	0%	i 0
NE corner of Taylor-Kidd Boulevard & John Counter Boulevard –vacant building for sale/lease 9803	. 0%	0		0	100%	9801.015551
Robinson Business Park – NE corner of Gardiners Rd and CentennialDr, next to Highway 401 3229:	2 0%	0		0	100%	32291.73
Intersection of Cataraqui Woods Dr & Centennial Dr (all 4 corners permit commercial; SE corner just re-zor	0%	0		0	0%	0
Another parcel in Cataraqui North, south of Cataraqui Woods Dr, nearSydenham Rd (	0%	0		0	0%	i 0
Total Analysis Period	2%	20691	18%	151426	50%	414847
Cumulative Total: 829604.3	2%	20691	21%	172117	71%	586964

# Appendix C

**INDUSTRIAL GROWTH CALCULATIONS** 

Norm         Norm </th <th></th> <th></th> <th></th> <th></th> <th></th> <th colspan="4">2021</th> <th></th> <th>2026</th> <th></th> <th colspan="3"></th> <th colspan="3">2036</th>						2021					2026					2036		
c. D       Andraf An       Andraf An       Andraf And       Andraf												%General						
U. U.     U. D. Model     Point Wind Wind Wind Wind Wind Wind Wind Wind						% Business Park	Business Park	%General Industrial	General Industrial Area	% Business Park	Business Park Area	Industrial	General Industrial	% Business Park	Business Park	%General Industrial	General Industrial	
Line Vi, No. 20.         MOST 0.00000000000000000000000000000000000	ND_ID	Industrial Park	Land Status	Area (m2)	Area (ha)	Developed	Area Developed	Developed	Developed	Developed	Developed	Developed	Area Developed	Developed	Area Developed	Developed	Area Developed	
Part August         Part August Part Part August Part August Part Part August Part Part Part Part Part Part Part Par	IMP VIL IND 001	INVISTA CANADA	VACANT INDUSTRIAL LAND	9044	0.90	100%	0.90	0%	STA CANADA	09	4 0.00	1	0.00	0	× 0.00	0%	0.00	
NUMBER         Description         Description <t< td=""><td>LIVIP_VIC_IND_001</td><td></td><td>TACATT INDUSTRIAL DATE</td><td>Total</td><td>Analysis Period</td><td>100%</td><td>0.90</td><td>0%</td><td>0.00</td><td>09</td><td>s 0.00</td><td>0%</td><td>0.00</td><td>05</td><td>% 0.00</td><td>0%</td><td>0.00</td></t<>	LIVIP_VIC_IND_001		TACATT INDUSTRIAL DATE	Total	Analysis Period	100%	0.90	0%	0.00	09	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
NUMBER         UNDERSTRANDERS         UNDERSTRANDERS         UNDERSTRANDERS           VEV.N.N.0.00         COVEN.N.0.00				Cumulative	0.90	100%	0.90	100%	0.90	1009	6 0.90	100%	0.90	1005	% 0.90	100%	0.90	
COV N, ROD         CURR RUCTING AMAR         VALANY RODITING AMAR         VALANY RODITING AMAR         LOS         LOS        LOS        LOS        <		•					•	CLYDE II	NDUSTRIAL PARK					•				
UV_V_R_02         CVR NOCTINA AMAS         VALM NOCTINA AMAS         VA	NOV_VIL_IND_004	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	15508	1.55	0%	0.00	0%	0.00	09	6 0.00	0 100%	1.55	05	% 0.00	0%	0.00	
NUM_RED         CONDUCT         CONDUCT <t< td=""><td>NOV_VIL_IND_001</td><td>CLYDE INDUSTRIAL PARK</td><td>VACANT INDUSTRIAL LAND</td><td>12285</td><td>1.23</td><td>0%</td><td>0.00</td><td>100%</td><td>1.23</td><td>09</td><td>6 0.00</td><td>0 0%</td><td>0.00</td><td>05</td><td>% 0.00</td><td>0%</td><td>0.00</td></t<>	NOV_VIL_IND_001	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	12285	1.23	0%	0.00	100%	1.23	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
Diversion of the construction of the constr	NOV_VIL_IND_013	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	8395	0.84	0%	0.00	100%	0.84	09	6 0.00	0 0%	0.00	05	6 0.00	0%	0.00	
No. V., No. 2017         Long         Long <thlong< th="">         Long         Long</thlong<>	NOV_VIL_IND_010	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	43843	3.29	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	1009	% 3.29	0%	0.00	
NUM_UNDER         OVER NOMMERA ARK         VALUER NOMMERA ARK	NOV VIL IND 017	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	9606	1.25	0%	0.00	100%	1.25	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
No. V. 48.002         OTRE RADIAL PARE         VICE RADIATING PARE AND         460         0.60	NOV VIL IND 006	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	9112	0.91	0%	0.00	0%	0.00	09	6 0.00	100%	0.91	05	% 0.00	0%	0.00	
OVEL         OVEL <th< td=""><td>NOV_VIL_IND_002</td><td>CLYDE INDUSTRIAL PARK</td><td>VACANT INDUSTRIAL LAND</td><td>4003</td><td>0.40</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>09</td><td>6 0.00</td><td>100%</td><td>0.40</td><td>05</td><td>% 0.00</td><td>0%</td><td>0.00</td></th<>	NOV_VIL_IND_002	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	4003	0.40	0%	0.00	0%	0.00	09	6 0.00	100%	0.40	05	% 0.00	0%	0.00	
NYU RU PROLING PARK         VICE PROJETING PARK        VICE PROJETING PARK	NOV_VIL_IND_008	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	59831	4.49	0%	0.00	100%	4.49	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
Nov VL, No. 43.         UVER MODUTAL ARAK         VACATI NORSTRIA, LAND         3467         3.68         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.05         0.00         0.	NOV_VIL_IND_025	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	13283	1.33	0%	0.00	100%	1.33	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
No.V., No. 00:         Clive MoSTINA, PARK         VACAMT ROUGTINAL, AND         208         0.08         0.00         0.	NOV_VIL_IND_41	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	34876	3.49	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
Nov_WL_N0_00         Links modernals state         Vacant modernals state	NOV_VIL_IND_005	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	3038	0.30	0%	0.00	0%	0.00	09	6 0.00	0 100%	0.30	05	6 0.00	0%	0.00	
COV_UR_URD_02         COVE RUSTRIAL FARE         VACANT RUSTRIAL FA	NOV_VIL_IND_016	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	2021	0.26	0%	0.00	0%	0.00	09	6 0.00	075	0.00	05	% 0.00	0%	0.00	
NUM_UR_00_22         COVE NOUSTRUE ARARE         VACANT REDUCTING ALARD         302         0.11         0.05         0.06         0.06         0.06         0.07         0.08         0.08         0.08         0.08         0.08         0.08         0.08         0.08         0.08         0.08         0.09         0.09         0.00         0.0	NOV VIL IND 020	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	7247	0.33	0%	0.00	0%	0.00	09	5 0.00	0%	0.00	05	% 0.00	100%	0.72	
Nov YUL, ND, 021         LCVDF NOUSTHUL FARK         VACANT PROJETNUL A PAR	NOV_VIL_IND_022	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	1087	0.11	0%	0.00	0%	0.00	09	6 0.00	0 100%	0.11	05	% 0.00	0%	0.00	
NOV_UD_IND_022         Cive RUSSTRAL FARK         UNDERUTIZED DEVELOPED LAND         2.32         0.00         <	NOV_VIL_IND_021	CLYDE INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	3278	0.33	0%	0.00	0%	0.00	09	6 0.00	100%	0.33	05	% 0.00	0%	0.00	
NOV_UDLIND_000         Live RNUCSTRIAL PARK         UNDERUTLIDD DVELOPED LAND         13210         1.321         0 %         0.00         0 %         0.000         0 %	NOV_UDL_IND_02	8 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	23082	2.31	0%	0.00	0%	0.00	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
NOV_UD_ND_02         Live NDOS/BRA PARK         UNDRAUTUIZED DEVICE/TED IAND         9100         6.83         0.00         <	NOV_UDL_IND_00	9 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	13210	1.32	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
Nov_UD_UD_UD         Line         Line         Line         Line         Nov_UD_UD_UD         Line         Nov_UD_UD         Nov_UD         Line         Nov_UD         Nov         Line         Nov	NOV_UDL_IND_03	1 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	91090	6.83	0%	0.00	0%	0.00	09	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
NOV_US_NO_SSE         LUNE INDUSTINAL PARK         UNDERLIFUED DATE ON TO         1:00         1:00         0:00	NOV_UDL_IND_02	3 CLYDE INDUSTRIAL PARK	UNDERUTUZED DEVELOPED LAND	44213	9.23	0%	0.00	0%	0.00	09	6 0.00	075	0.00	05	% 0.00	0%	0.00	
NOV_UDD_ND_024         CVYE INDUSTRIAL PARK         UNDERUTUZD DIVELOPED AND         1133         1.15         ON         0.00         ON <th< td=""><td>NOV UDL IND 02</td><td>6 CLYDE INDUSTRIAL PARK</td><td>UNDERUTILIZED DEVELOPED LAND</td><td>17009</td><td>1.70</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>09</td><td>s 0.00</td><td>0%</td><td>0.00</td><td>05</td><td>% 0.00</td><td>0%</td><td>0.00</td></th<>	NOV UDL IND 02	6 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	17009	1.70	0%	0.00	0%	0.00	09	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
NOV_UDU_IND_028         CVPE NDUSTRIAL PARK         UNDERUTTIZED DEVLICEPE LAND         21769         2.18         0%         0.00         0%	NOV_UDL_IND_02	4 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	11531	1.15	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
NOV_UDLIND_022         VORE NOUSTRIAL PARK         UNDERUTILIZE DEVICIPED LAND         1845         1.85         0.06         0.00         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06         0.06	NOV_UDL_IND_01	9 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	21769	2.18	0%	0.00	0%	0.00	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
NOV_UDL, IND. 015         CVDE INDUSTRIAL PARK         UNDERUTILIZED DEVELOPED LAND         75551         5.97         0%         0.00         0%	NOV_UDL_IND_02	7 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	18454	1.85	0%	0.00	0%	0.00	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
NOV_UDL_IND_018         CUMPERINDUSTRIAL PARK         UNDERUTILIZED DEVELOPED LAND         61213         4.59         0%         0.00         0%	NOV_UDL_IND_01	5 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	79551	5.97	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
NOV_DDL_IND_012         Citote involsmala PARK         UNDERVITUZED DEVELOPED LAND         1.89         0.50         0.00         0.51         0.51	NOV_UDL_IND_01	8 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	61219	4.59	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
NOV_UDL_IND_03         Cityle INDUSTRIAL PARK         UNDERUTILIZED EVELOPED LAND         0397         0.08         0.00	NOV_UDL_IND_01	2 CLYDE INDUSTRIAL PARK	UNDERUTUZED DEVELOPED LAND	18940	1.89	0%	0.00	0%	0.00	07	s 0.00	0%	0.00	07	% 0.00	0%	0.00	
NOV_UDIN_000         CLYDE INDUSTRIAL PARK         UNDERUTILIZED DEVELOPED LAND         1307         1.31         0%         0.00         0%	NOV UDL IND 03	0 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	13904	1.39	0%	0.00	0%	0.00	09	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
Image: Constraint of the second sec	NOV UDL IND 00	3 CLYDE INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	13057	1.31	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
Image: Note of the serie of the se				Total	Analysis Period	0%	0.00	45%	10.10	09	6 0.00	16%	3.60	155	% 3.29	0%	0.00	
GARDINERS RD INDUSTRIAL PARK         VACANT INDUSTRIAL LAND         42736         3.21         100%         0.00         0%         0.00				Cumulative	22.39	0%	0.00	45%	10.10	459	6 10.10	61%	13.70	765	% 16.99	76%	16.99	
CWB_VIL_IND_006         GARDINERS RD INDUSTRIAL PARK         VACANT INDUSTRIAL LAND         42736         3.21         100%         3.21         0%         0.00         0%			<b>I</b>				-	GARDINERS	RD INDUSTRIAL PARK					-				
CTN_VIL_IND_003       GARDINERS RD INDUSTRIAL PARK       VACANT INDUSTRIAL LAND       9044       0.90       0%       0.00	CWB_VIL_IND_006	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	42736	3.21	100%	3.21	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
CIN_PIL_IND_02       GARDINERS RD INDUSTRIAL PARK VACANT INDUSTRIAL LAND       28757       2.88       100%       0.00       0%	CTN_VIL_IND_008	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	9044	0.90	0%	0.00	100%	0.90	07	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
CTN_VIL_IND_003       GARDINERS RD INDUSTRIAL PARK       VACANT INDUSTRIAL LAND       62849       4.71       0%       0.00       100%       4.71       0%       0.00       <	CWB VIL IND 004	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	28757	2.88	100%	2.88	0%	0.00	09	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
CTN_VIL_IND_002       GARDINERS RD INDUSTRIAL PARK       VACANT INDUSTRIAL LAND       99712       7.48       0%       0.00       100%       7.48       0%       0.00       0%       0% <td< td=""><td>CTN_VIL_IND_003</td><td>GARDINERS RD INDUSTRIAL PARK</td><td>VACANT INDUSTRIAL LAND</td><td>62849</td><td>4.71</td><td>0%</td><td>0.00</td><td>100%</td><td>4.71</td><td>09</td><td>6 0.00</td><td>0%</td><td>0.00</td><td>05</td><td>% 0.00</td><td>0%</td><td>0.00</td></td<>	CTN_VIL_IND_003	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	62849	4.71	0%	0.00	100%	4.71	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
CTN_VIL_IND_001       GARDINERS RD INDUSTRIAL PARK       VACANT INDUSTRIAL LAND       1153       1.15       100%       1.15       0%       0.00       0%       0%	CTN_VIL_IND_002	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	99712	7.48	0%	0.00	100%	7.48	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
CTN_VIL_IND_004         GARDINERS RD INDUSTRIAL PARK         VACANT INDUSTRIAL LAND         731         0.73         100%         0.00         0%         0.00         0%         0.00         0%           CTN_VIL_IND_005         GARDINERS RD INDUSTRIAL PARK         VACANT INDUSTRIAL LAND         35365         3.54         100%         3.54         0%         0.00         0%	CTN_VIL_IND_001	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	11531	1.15	100%	1.15	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
CIN_VIL_IND_005         GARDINERS RD INDUSTRIAL PARK VACANT INDUSTRIAL LAND         35365         3.54         100%         3.54         0%         0.00 </td <td>CTN_VIL_IND_004</td> <td>GARDINERS RD INDUSTRIAL PARK</td> <td>VACANT INDUSTRIAL LAND</td> <td>7310</td> <td>0.73</td> <td>100%</td> <td>0.73</td> <td>0%</td> <td>0.00</td> <td>09</td> <td>6 0.00</td> <td>0%</td> <td>0.00</td> <td>05</td> <td>% 0.00</td> <td>0%</td> <td>0.00</td>	CTN_VIL_IND_004	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	7310	0.73	100%	0.73	0%	0.00	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
C W VIL IN US CARDINERS IN INCOSTRIAL PARK [VALANT INC	CIN_VIL_IND_005	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	35365	3.54	100%	3.54	0%	0.00	09	0.00	0%	0.00	05	% 0.00	0%	0.00	
ICTN VIL IND 34 IGARDINERS RD INDUSTRIAL PARK IVACANT INDUSTRIAL LAND I 250601 2.511 0%1 0.001 0%1 0.001 0%1 0.001 0%1	CTN VIL IND 34	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	25060	2.51	100%	1.61	100%	2.51	09	s 0.00	0%	0.00	05	% 0.00	0%	0.00	
CTN_VIL_IND_33 GARDINERS RD INDUSTRIAL PARK VACANT INDUSTRIAL LAND 15930 1.59 100% 1.59 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0%	CTN_VIL_IND_33	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	15930	1.59	100%	1.59	0%	0.00	09	6 0.00	0%	0.00	0	6 0.00	0%	0.00	
CTN_VIL_IND_35 GARDINERS RD INDUSTRIAL PARK VACANT INDUSTRIAL LAND 59338 4.45 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0%	CTN_VIL_IND_35	GARDINERS RD INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	59338	4.45	0%	0.00	0%	0.00	09	6 0.00	100%	4.45	05	% 0.00	0%	0.00	
CTN_UDL_IND_36 GARDINERS RD INDUSTRIAL PARK UNDERUTILIZED DEVELOPED LAND 40357 3.03 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0%	CTN_UDL_IND_36	GARDINERS RD INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	40357	3.03	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
CTN_UDL_IND_007 GARDINERS RD INDUSTRIAL PARK UNDERUTILIZED DEVELOPED LAND 64070 4.81 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0%	CTN_UDL_IND_007	7 GARDINERS RD INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	64070	4.81	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
CWB_UDL_IND_002         GARDINERS RD INDUSTRIAL PARK         UNDERUTILIZED DEVELOPED LAND         31759         3.18         0%         0.00         0%         0.00         0%         0.00         0%	CWB_UDL_IND_00	2 GARDINERS RD INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	31759	3.18	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
CWB_UDL_003         GARDINERS RD INDUSTRIAL PARK_UNDERUTILIZED DEVELOPED LAND         14946         1.49         0%         0.00         0%         0.00         0%         0.00         0%           CTN_UDL_ND_37         GARDINERS RD INDUSTRIAL PARK_UNDERUTILIZED DEVELOPED LAND         4015         0.40         0%         0.00         0%         0.00         0%         0.00         0%	CWB_UDL_003	GARDINERS RD INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	14946	1.49	0%	0.00	0%	0.00	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	
CWB UDL IND 001 GABDINERS RD INDUSTRIAL PARK UNDERUTILIZED DEVELOPED DATO 40436 3.03 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0%	CWB LIDL IND OF	1 GARDINERS RD INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	4015	3.03	0%	0.00	0%	0.00	09	- 0.00	0%	0.00	05	% 0.00	0%	0.00	
Total Analysis Period         42%         14.70         45%         15.79         0%         0.00         13%         4.45         0%         0.00         0%	CH0_000_H0_00	a protection of the partners FARA	CHOLID DETECTED DAND	Total	Analysis Period	42%	14.70	45%	15.79	09	6 0.00	13%	4.45	05	% 0.00	0%	0.00	
Cumulative 34.95 42% 14.70 87% 30.50 87% 30.50 100% 34.95 100% 34.95 100%				Cumulative	34.95	42%	14.70	87%	30.50	879	6 30.50	100%	34.95	1005	% 34.95	100%	34.95	
PROGRESS AVE INDUSTRIAL AREA								PROGRESS A	VE INDUSTRIAL AREA									
GAR_VIL_IND_007 PROGRESS AVE INDUSTRIAL AREA VACANT INDUSTRIAL LAND 3661 0.37 0% 0.00 100% 0.37 0% 0.00 0% 0.00 0%	GAR_VIL_IND_007	PROGRESS AVE INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	3661	0.37	0%	0.00	100%	0.37	09	6 0.00	0 0%	0.00	05	6 0.00	0%	0.00	
GAR_VIL_IND_004         PROGRESS AVE INDUSTRIAL AREA VACANT INDUSTRIAL LAND         2780         0.28         0%         0.00         0%         0.00         0%           GAR_VIL_IND_004         PROGRESS AVE INDUSTRIAL AREA VACANT INDUSTRIAL LAND         2780         0.28         0%         0.00         0%         0.00         0%	GAR_VIL_IND_004	PROGRESS AVE INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	2780	0.28	0%	0.00	100%	0.28	09	6 0.00	0 0%	0.00	05	% 0.00	0%	0.00	
GAR_YIL_IND_00 PROGRESS AVE INDUSTRIAL AREA VACANT INDUSTRIAL AREA V	GAR_VIL_IND_005	PROGRESS AVE INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	6773	0.28	0%	0.00	0%	0.00	09	0.00 6 0.00	100%	0.00	05	× 0.00	100%	0.28	
GAR VIL IND 11         PROGRESS AVE INDUSTRIAL AREA VACANT INDUSTRIAL LAND         50066         3.75         0%         0.00         0%         0.00         0%         0.00         0%	GAR VIL IND 11	PROGRESS AVE INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	50066	3.75	0%	0.00	0%	0.00	09	5 0.00	094	0.08	05	% 0.00	0%	0.00	
GAR_VIL_IND_008 PROGRESS AVE INDUSTRIAL AREA VACANT INDUSTRIAL LAND 1949 0.19 0% 0.00 0% 0.00 0% 0.00 0%	GAR_VIL IND 008	PROGRESS AVE INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	1949	0.19	0%	0.00	0%	0.00	09	6 0.00	100%	0.19	05	6 0.00	0%	0.00	
GAR_UDL_IND_009 PROGRESS AVE INDUSTRIAL AREA UNDERUTILIZED DEVELOPED LAND 4058 0.41 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0% 0.00 0%	GAR_UDL_IND_00	9 PROGRESS AVE INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	4058	0.41	0%	0.00	0%	0.00	09	6 0.00	0%	0.00	05	% 0.00	0%	0.00	

				[		2021			2026				2036			
											%General					
					% Business Park	Business Park	%General Industrial	General Industrial Area	% Business Park	Business Park Area	Industrial	General Industrial	% Business Park	Business Park	%General Industrial	General Industrial
ND_ID	Industrial Park	Land Status	Area (m2) A	Area (ha)	Developed	Area Developed	Developed	Developed	Developed	Developed	Developed	Area Developed	Developed	Area Developed	Developed	Area Developed
GAR_UDL_IND_6	PROGRESS AVE INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	3859	0.39	0%	0.00	0%	0.00	0%	í 0.0	0%	i 0.00	09	6 0.00	0%	0.00
GAR_UDL_IND_010	PROGRESS AVE INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	3182	0.32	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
GAR_KPC_IND_001	PROGRESS AVE INDUSTRIAL AREA	POTENTIAL CONVERSIONS	21744	2.17	100%	2.17	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
GAR_KPC_IND_003	PROGRESS AVE INDUSTRIAL AREA	POTENTIAL CONVERSIONS	8582	0.86	100%	0.86	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
GAR_KPC_IND_002	PROGRESS AVE INDUSTRIAL AREA	POTENTIAL CONVERSIONS	6119	0.61	100%	0.61	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
			Total Ar	nalysis Period	40%	3.64	7%	0.64	0%	i 0.0	9%	0.87	09	6 0.00	3%	0.28
			Cumulative 1	9.19	40%	3.64	47%	4.29	47%	4.2	56%	5.16	569	6 5.16	59%	5.44
	1						OLD IN	DUSTRIAL AREA		-	-	-	-		-	
RDH_VIL_IND_016	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	4415	0.44	0%	0.00	100%	0.44	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_VIL_IND_009	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	16042	1.60	0%	0.00	100%	1.60	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_VIL_IND_015	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	3080	0.31	0%	0.00	0%	0.00	0%	0.0	100%	0.31	. 09	6 0.00	0%	0.00
RDH_VIL_IND_010	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	53049	3.98	0%	0.00	0%	0.00	0%	0.0	0%	0.00	0%	6 0.00	0%	0.00
RDH_VIL_IND_033	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	2174	0.22	0%	0.00	0%	0.00	0%	0.0	100%	0.22	0%	6 0.00	0%	0.00
RDH_VIL_IND_024	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	21709	2.17	0%	0.00	0%	0.00	0%	0.0	0%	0.00	0%	6 0.00	0%	0.00
RDH_VIL_IND_025	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	39915	3.99	0%	0.00	0%	0.00	0%	0.0	0%	0.00	0%	6 0.00	0%	0.00
RDH_VIL_IND_023	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	15355	1.54	0%	0.00	0%	0.00	0%	0.0	0%	0.00	0%	6 U.UU	0%	0.00
RDH_VIL_IND_020	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	4/068	3.53	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	0.00	100%	1.//
RDH_VIL_IND_028	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	14775	1.49	0%	0.00	100%	1.49	0%	0.00	0%	0.00	00	0.00	100%	0.21
RDH_VIL_IND_002		VACANT INDUSTRIAL LAND	1023	1.40	0%	0.00	100%	1.40	0%	0.00	0%	0.00	00	0.00	100%	0.00
RDH_VIL_IND_022		VACANT INDUSTRIAL LAND	9305	0.10	0%	0.00	0%	0.00	0%	0.0	0%	0.00	07	0.00	100%	0.10
INH VIL IND 001	OLD INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	840	0.04	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	100%	0.04
RDH LIDL IND 031		UNDERUTUZED DEVELOPED LAND	7114	0.00	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	0.00	050	0.00
RDH UDL IND 027		UNDERUTILIZED DEVELOPED LAND	16191	1.62	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	4 0.00	0%	0.00
INH UDL IND 002	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	20045	2.00	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 029	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	1303	0.13	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 008	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	16104	1.61	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 018	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	5370	0.54	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 030	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	4993	0.50	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 004	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	20073	2.01	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 013	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	11769	1.18	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH UDL IND 032	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	4425	0.44	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_017	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	5284	0.53	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
NOV_UDL_IND_002	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	44094	3.31	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_36	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	540	0.05	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_019	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	3392	0.34	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_001	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	10037	1.00	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_011	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	11365	1.14	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_012	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	2365	0.24	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_021	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	4845	0.48	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_37	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	129	0.01	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_037	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	659	0.07	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_UDL_IND_026	OLD INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	1269	0.13	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_KPC_IND_006	OLD INDUSTRIAL AREA	POTENTIAL CONVERSION	6248	0.62	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_KPC_IND_005	OLD INDUSTRIAL AREA	POTENTIAL CONVERSION	5297	0.53	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_KPC_IND_003	OLD INDUSTRIAL AREA	POTENTIAL CONVERSION	1288	0.13	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
RDH_KPC_IND_007	OLD INDUSTRIAL AREA	POTENTIAL CONVERSION	4837	0.48	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	0.00	0%	0.00
RDH_KPC_IND_034	OLD INDUSTRIAL AREA	POTENTIAL CONVERSION	29798	2.98	0%	0.00	0%	0.00	0%	0.0	0%	0.00	0%	6 0.00	0%	0.00
			Total Ar	natysis Period	0%	0.00	14%	3.52	0%	0.0	2%	0.53	09	0.00	12%	3.00
	l		cumulative ]	25.24	0%	0.00	14%	3.52	14%	3.5	16%	4.05	16%	4.05	28%	7.05
NOV VIL IND 027	ALCAN INDUSTRIAL DARK	VACANT INDUSTRIAL LAND	11077	4.44	100%	4.44	ALCAN	A COL				0.00			000	0.00
NOV_VIL_IND_037	ALCAN INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	77672	5.93	100%	1.11	0%	0.00	1000	0.0	0%	0.00	05	0.00	0%	0.00
NOV VIL IND 032	ALCAN INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	56730	3.83	0%	0.00	0%	0.00	100%	5.8.	0%	0.00	1009	4.25	0%	0.00
NOV VIL IND 034	ALCAN INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	38053	3.91	0%	0.00	0%	0.00	100%	3.9	0%	0.00	1007	4.23	0%	0.00
NOV VIL IND 033	ALCAN INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	22110	2 21	0%	0.00	0%	0.00	100%	0.00	0%	0.00	1009	2 21	0%	0.00
NOV VIL IND 035	ALCAN INDUSTRIAL PARK	VACANT INDUSTRIAL LAND	6028	0.60	100%	0.60	0%	0.00	0%	0.0	0%	0.00	09	0.00	0%	0.00
NOV UDL IND 036	ALCAN INDUSTRIAL PARK	UNDERUTILIZED DEVELOPED LAND	25242	2.52	0%	0.00	0%	0.00	0%	0.0	0%	0.00	05	6 0.00	0%	0.00
			Total Ar	nalysis Period	10%	1.71	0%	0.00	54%	9.6	0%	0.00	365	6.47	0%	0.00
			Cumulative 1	17.81	10%	1.71	10%	1.71	64%	11.3	64%	11.34	1009	17.81	100%	17.81
Cumulative 17.81 10% 1.71 10% 1.71 64% 11.34 64% 11.34 100% 17.81 100% 2																
CTN_VIL_IND_24	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	236896	17.77	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
CTN_VIL_IND_14	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	29875	2.99	100%	2.99	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
CTN_VIL_IND_13	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	24772	2.48	100%	2.48	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
CTN_VIL_IND_19	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	34138	3.41	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	100%	3.41
CTN_VIL_IND_18	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	44746	3.36	0%	0.00	0%	0.00	0%	í 0.0	0%	0.00	09	6 0.00	100%	3.36
CTN_VIL_IND_046	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	36674	3.67	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	100%	3.67
CTN_VIL_IND_044	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	2726	0.27	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
CTN_VIL_IND_20	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	42286	3.17	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	100%	3.17

Norm         Norm        Norm        Norm        N								2021		2026				2036			
B         endit*         Part         Part      Part         P												%General					
Bit Mark Mark Mark Mark Mark Mark Mark Mark						% Business Park	Business Park	%General Industrial	General Industrial Area	% Business Park	Business Park Area	Industrial	General Industrial	% Business Park	Business Park	%General Industrial	General Industrial
	ND_ID	Industrial Park	Land Status	Area (m2)	Area (ha)	Developed	Area Developed	Developed	Developed	Developed	Developed	Developed	Area Developed	Developed	Area Developed	Developed	Area Developed
	CTN_VIL_IND_22	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	14219	10.66	0%	0.00	0%	0.00	09	6 0.00	0 0%	0.00	1009	6 10.66	0%	0.00
	CTN_VIL_IND_23	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	6041	4.53	0%	0.00	0%	0.00	100%	4.5	8 0%	0.00	09	6 0.00	0%	0.00
CALABASE         DEMONSTRATE APROXIMATE         DEMONSTRATE         DEMONSTRATE <td>CTN_VIL_IND_21</td> <td>CATARAQUI ESTATES BUSINESS PA</td> <td>VACANT INDUSTRIAL LAND</td> <td>19/3</td> <td>1.9/</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.0</td> <td>0%</td> <td>0.00</td> <td>1009</td> <td>6 1.97</td> <td>0%</td> <td>0.00</td>	CTN_VIL_IND_21	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	19/3	1.9/	0%	0.00	0%	0.00	0%	0.0	0%	0.00	1009	6 1.97	0%	0.00
	CTN_VIL_IND_16	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	203	2.83	0%	0.00	0%	0.00	09	0.00	100%	2.93	09	o 0.00	0%	0.00
N. W. O.         Constraint         Constrain	CTN VIL IND 17	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	4369	3.28	0%	0.00	0%	0.00	09	0.0	0%	0.00	09	6 0.00	0%	0.00
Number         Distance         Dist	CTN VIL IND 15	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	4270	3.20	0%	0.00	0%	0.00	09	0.0	100%	3.20	09	6 0.00	0%	0.00
N.Y.A.S. // April 1000000000000000000000000000000000000	CTN VIL IND 009	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	2920	0.29	0%	0.00	0%	0.00	09	0.0	100%	0.29	09	6 0.00	0%	0.00
N.N. 0.1         ADM 0.1         ADM 0.2         <	CTN_VIL_IND_10	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	2870	0.29	0%	0.00	0%	0.00	09	i 0.0	100%	0.29	09	6 0.00	0%	0.00
Display         Display <t< td=""><td>CTN_VIL_IND_11</td><td>CATARAQUI ESTATES BUSINESS PA</td><td>VACANT INDUSTRIAL LAND</td><td>3008</td><td>0.30</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>0%</td><td>ú 0.0</td><td>100%</td><td>0.30</td><td>09</td><td>6 0.00</td><td>0%</td><td>0.00</td></t<>	CTN_VIL_IND_11	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	3008	0.30	0%	0.00	0%	0.00	0%	ú 0.0	100%	0.30	09	6 0.00	0%	0.00
Dis All Dis Dis Discription Processing Proc	CTN_VIL_IND_039	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	282	0.28	0%	0.00	0%	0.00	09	i 0.0	0 100%	0.28	3 09	6 0.00	0%	0.00
N.M. 65         Original Problem Prove Prove Prove Prove Problem Problem Prove Problem ProveProb Problem Prove Prove Problem	CTN_VIL_IND_040	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	4010	0.40	0%	0.00	100%	0.40	0%	í 0.0	0%	0.00	09	6 0.00	0%	0.00
Number         Distance         <	CTN_VIL_IND_041	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	2867	0.29	0%	0.00	0%	0.00	09	i 0.0	0 100%	0.29	09	6 0.00	0%	0.00
City City City City City City City City	CTN_VIL_IND_042	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	274	0.27	0%	0.00	100%	0.27	0%	i 0.0	0 0%	0.00	09	6 0.00	0%	0.00
City AD, DB         CAMPA DOUBLING ADDRESS FARE ACCAP ROCTING, LADD         Bill         Sill         Control         Sill	CTN_VIL_IND_043	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	2803	0.28	0%	0.00	100%	0.28	09	6 0.0	0%	0.00	09	6 0.00	0%	0.00
Ch OK, OK         PARE         Data         Disk	CTN_VIL_IND_045	CATARAQUI ESTATES BUSINESS PA	VACANT INDUSTRIAL LAND	1893	. 0.19	0%	0.00	0%	0.00	0%	0.00	0 0%	0.00	09	6 0.00	0%	0.00
Image: No. 10         Image: 10         10         10         100	CTN_KPC_IND_006	CATARAQUI ESTATES BUSINESS PA	POTENTIAL CONVERSION	129990 Total	9.75	20%	1.95	0%	0.00	70%	6.8	2 0%	0.00	109	6 0.97	0%	0.00
Image: No. 10         Image: N				Cumulative	Analysis Period	10%	7.41	176	0.90	26%	11.50	36%	7.70	5 107	41 10	73%	54 71
Unit No. 1         Control Control         Contro         Control         Control			I	cumulative	1 70.22	10%	7.41	ST LAWRE	0.37 NCE BUSINESS PARK	20%	13.7	1 30%	27.49	1 347	41.10	12%	34./1
Bits ML 2006         FT JUNISCI STATUS         ALCAT REGISTAL ALAD         257         258         258         0         0.00	GRN VIL IND 13	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	2890	0.29	100%	0.29	0%	0.00	09	0.00	0%	0.00	05	6 0.00	0%	0.00
Gin M, BLOS D.         TO MERCINE LASSIMAL         ALCAN SOLUTIAL LASS         MAX         ALCAN SOLUTIAL LASS         MAX         ALCAN SOLUTIAL LASS         MAX	GRN_VIL_IND_006	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	45038	3.38	100%	3.38	0%	0.00	09	6 0.0	0%	0.00	09	6 0.00	0%	0.00
Gen, V.L., MO, GL, PT, LAMBELEY SEASUSTARA         VALAT ROUTES ALLAND         157         158         0%         0.00        0.00        0.00        <	GRN_VIL_IND_002	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	2975	2.98	100%	2.98	0%	0.00	09	i 0.00	0%	0.00	09	6 0.00	0%	0.00
Unit View         Unit View <t< td=""><td>GRN_VIL_IND_010</td><td>ST. LAWRENCE BUSINESS PARK</td><td>VACANT INDUSTRIAL LAND</td><td>15479</td><td>1.55</td><td>100%</td><td>1.55</td><td>0%</td><td>0.00</td><td>0%</td><td>i 0.0</td><td>0%</td><td>0.00</td><td>09</td><td>6 0.00</td><td>0%</td><td>0.00</td></t<>	GRN_VIL_IND_010	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	15479	1.55	100%	1.55	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
GH, V., RO, GE, F. LAMENES MASSISSAN, VALVE MULTINA LAND         1140         114         100         114         05         0.00        <	GRN_VIL_IND_012	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	46452	3.48	100%	3.48	0%	0.00	0%	i 0.0	0 0%	0.00	09	6 0.00	0%	0.00
CHAN M, ROG BF, LAMENCE BASISTARY         VALUE RECONSTRUCTION LADD         116         100         116         00         00         000        000         000	GRN_VIL_IND_014	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	11400	1.14	100%	1.14	0%	0.00	0%	i 0.0	0 0%	0.00	09	6 0.00	0%	0.00
CHA W, MG OF       FL AMARCES DENSISTANAL VALUE       138 </td <td>GRN_VIL_IND_015</td> <td>ST. LAWRENCE BUSINESS PARK</td> <td>VACANT INDUSTRIAL LAND</td> <td>1161</td> <td>1.16</td> <td>100%</td> <td>1.16</td> <td>0%</td> <td>0.00</td> <td>09</td> <td>ú 0.0</td> <td>0%</td> <td>0.00</td> <td>0 09</td> <td>6 0.00</td> <td>0%</td> <td>0.00</td>	GRN_VIL_IND_015	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	1161	1.16	100%	1.16	0%	0.00	09	ú 0.0	0%	0.00	0 09	6 0.00	0%	0.00
Control Contro Contrelector Control Control Control Control Control Con	GRN_VIL_IND_007	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	1284	1.28	100%	1.28	0%	0.00	09	i 0.0	0%	0.00	09	6 0.00	0%	0.00
UNL NO. 000         CLAMENT DESCRIPTION         UNDER TRADESTING         UNDER TRADESTING <td>GRN_VIL_IND_001</td> <td>ST. LAWRENCE BUSINESS PARK</td> <td>VACANT INDUSTRIAL LAND</td> <td>2893</td> <td>2.89</td> <td>100%</td> <td>2.89</td> <td>0%</td> <td>0.00</td> <td>1009</td> <td>0.0</td> <td>0%</td> <td>0.00</td> <td>07</td> <td>6 0.00</td> <td>0%</td> <td>0.00</td>	GRN_VIL_IND_001	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	2893	2.89	100%	2.89	0%	0.00	1009	0.0	0%	0.00	07	6 0.00	0%	0.00
Control Control         Control	GRN_VIL_IND_009	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	2895	0.29	0%	0.00	0%	0.00	100%	0.2	9 075	0.00	09	6 0.00	0%	0.00
GAN, W. (B) 000         C1: LAMENICE BASINGS PARK         ACAMT PLOSTING, AND         131         300         0.00 <t< td=""><td>GRN VIL IND 004</td><td>ST. LAWRENCE BUSINESS PARK</td><td>VACANT INDUSTRIAL LAND</td><td>650</td><td>0.52</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>100%</td><td>0.3</td><td>0%</td><td>0.00</td><td>1009</td><td>0.00</td><td>0%</td><td>0.00</td></t<>	GRN VIL IND 004	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	650	0.52	0%	0.00	0%	0.00	100%	0.3	0%	0.00	1009	0.00	0%	0.00
Sin, U.G. M0, OD         T. LAWENCE BLANSES FARE         INFORTULAD DEVILAPONE DATA         23275         11.21         ON         OD         OD        OD         OD <th< td=""><td>GRN VIL IND 005</td><td>ST. LAWRENCE BUSINESS PARK</td><td>VACANT INDUSTRIAL LAND</td><td>13113</td><td>1.31</td><td>100%</td><td>1.31</td><td>0%</td><td>0.00</td><td>09</td><td>0.0</td><td>0%</td><td>0.00</td><td>09</td><td>6 0.00</td><td>0%</td><td>0.00</td></th<>	GRN VIL IND 005	ST. LAWRENCE BUSINESS PARK	VACANT INDUSTRIAL LAND	13113	1.31	100%	1.31	0%	0.00	09	0.0	0%	0.00	09	6 0.00	0%	0.00
Gen, Bot, Dit, TL, MARENCE BUSINES PARK         OPTIMITAL CONVERSION         41.22         3.2.4         OPt	GRN UDL IND 003	ST. LAWRENCE BUSINESS PARK	UNDERUTILIZED DEVELOPED LAND	24278	18.21	0%	0.00	0%	0.00	09	i 0.0	0 0%	0.00	09	6 0.00	0%	0.00
Image: Construct of the state of t	GRN_KPC_IND_011	ST. LAWRENCE BUSINESS PARK	POTENTIAL CONVERSION	4322	3.24	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
Image: Control of the control of				Total	Analysis Period	46%	19.47	0%	0.00	19	i 0.6:	1 0%	0.00	29	6 0.65	0%	0.00
NOTEL INDUSTRIAL AREA         VACANT INDUSTRIAL LAND         157291         1.1.0         ON         0.00           <th colspa="</td> <td></td> <td></td> <td></td> <td>Cumulative</td> <td>42.18</td> <td>46%</td> <td>19.47</td> <td>46%</td> <td>19.47</td> <td>48%</td> <td>20.0</td> <td>48%</td> <td>20.07</td> <td>499</td> <td>6 20.73</td> <td>49%</td> <td>20.73</td>				Cumulative	42.18	46%	19.47	46%	19.47	48%	20.0	48%	20.07	499	6 20.73	49%	20.73
GAR UP, ND, 15         NORTEL INDUSTINAL ARIA         VACANT INDUSTINAL ARIA			1	1	-	1		NORTEL	NDUSTRIAL AREA		1		1	1	1	1	1
CAR, VL, MQ, JA         WORTH INOUSTRIAL ARA         VACANT NOUSTRIAL ARA         VACANT NOUSTRIAL ARA         VACANT NOUSTRIAL ARA         VACANT NOUSTRIAL ARA         UNCONTROL         Distribution         Dis	GAR_VIL_IND_15	NORTEL INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	15739	11.80	0%	0.00	0%	0.00	09	0.0	0%	0.00	09	6 0.00	0%	0.00
CARL DDL, ND_13         NORTIL INCUSTRIAL ARIA         UNCRAVITALIZED DEVILOPED LAND         249 //s         Advalue         Constrained         <	GAR_VIL_IND_14	NORTEL INDUSTRIAL AREA	VACANT INDUSTRIAL LAND	1747	1.75	0%	0.00	100%	1.75	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
Image: Constraint of the analysis Person of t	GAR_UDL_IND_13	NORTEL INDUSTRIAL AREA	UNDERUTILIZED DEVELOPED LAND	249/70	18.73	0%	0.00	1.29/	0.00	0%	0.0	0%	0.00	07	6 0.00	0%	0.00
Link         Link <th< td=""><td></td><td></td><td></td><td>Cumulativa</td><td>Analysis Period</td><td>0%</td><td>0.00</td><td>13%</td><td>1./5</td><td>13%</td><td>17</td><td>134</td><td>1.75</td><td>139</td><td>4 1.75</td><td>13%</td><td>1.75</td></th<>				Cumulativa	Analysis Period	0%	0.00	13%	1./5	13%	17	134	1.75	139	4 1.75	13%	1.75
CTN, VLI, IND 32         STOREHMAN RD/HWY 401 INDUSTFIVACAMT NOUSTRUAL LAND         114:10         8.73         0:5         0.00         0%         0.00 </td <td></td> <td></td> <td></td> <td>Cumulative</td> <td>15.55</td> <td>0/1</td> <td>0.00</td> <td>SYDENHAM RD/H</td> <td>WY 401 INDUSTRIAL AREA</td> <td>15/</td> <td>a 4.7.</td> <td>1 13/0</td> <td>1.73</td> <td>1 13/</td> <td>oj <u>1.73</u></td> <td>1 13/</td> <td>1.73</td>				Cumulative	15.55	0/1	0.00	SYDENHAM RD/H	WY 401 INDUSTRIAL AREA	15/	a 4.7.	1 13/0	1.73	1 13/	oj <u>1.73</u>	1 13/	1.73
VI_N_D_28         SPOENHAM BO/HWY 401 INDUSTIVACANT INDUSTRIAL LAND         2259         2.5         0%         0.00        <	CTN VIL IND 32	SYDENHAM RD/HWY 401 INDUST	VACANT INDUSTRIAL LAND	116430	8.73	0%	0.00	0%	0.00	09	i 0.0	0%	0.00	09	6 0.00	0%	0.00
CTN, VIL, JD, 23         SPOEINHAM RD/HWY 401 UNDUSTFWACAMT ON USTRUAL LAND         20205         2.02         0%         0.00 <td>CTN_VIL_IND_28</td> <td>SYDENHAM RD/HWY 401 INDUSTR</td> <td>VACANT INDUSTRIAL LAND</td> <td>25755</td> <td>2.58</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.00</td> <td>09</td> <td>í 0.0</td> <td>0%</td> <td>0.00</td> <td>09</td> <td>6 0.00</td> <td>0%</td> <td>0.00</td>	CTN_VIL_IND_28	SYDENHAM RD/HWY 401 INDUSTR	VACANT INDUSTRIAL LAND	25755	2.58	0%	0.00	0%	0.00	09	í 0.0	0%	0.00	09	6 0.00	0%	0.00
CTN, VIL, IND, 29         SYDDNHAM RD/HWY 401, INDUSTRIAL LAND         39216         3.92         ON         O.00         O.00         ON <th< td=""><td>CTN_VIL_IND_30</td><td>SYDENHAM RD/HWY 401 INDUSTR</td><td>VACANT INDUSTRIAL LAND</td><td>20205</td><td>2.02</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>0%</td><td>i 0.00</td><td>0%</td><td>0.00</td><td>09</td><td>6 0.00</td><td>0%</td><td>0.00</td></th<>	CTN_VIL_IND_30	SYDENHAM RD/HWY 401 INDUSTR	VACANT INDUSTRIAL LAND	20205	2.02	0%	0.00	0%	0.00	0%	i 0.00	0%	0.00	09	6 0.00	0%	0.00
CTN_VL_ND_33       YDENHAM RD/HWY 401 INDUSTR/ALCANT INDUSTRIAL LAND       1900       1.90       0.95       0.00       0.	CTN_VIL_IND_29	SYDENHAM RD/HWY 401 INDUSTR	VACANT INDUSTRIAL LAND	39210	3.92	0%	0.00	0%	0.00	0%	í 0.0	0%	0.00	09	6 0.00	0%	0.00
CTN_VILND_25         SYDENHAM RD/HWY 401 INDUSTINALAND         2313         0.5         0.00         0.05         0.00         0.05         0.00         0.06         0.00         0.06         0.00         0.06         0.00         0.05         0.00 <td>CTN_VIL_IND_33</td> <td>SYDENHAM RD/HWY 401 INDUSTR</td> <td>VACANT INDUSTRIAL LAND</td> <td>19000</td> <td>1.90</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>i 0.0</td> <td>0%</td> <td>0.00</td> <td>09</td> <td>6 0.00</td> <td>0%</td> <td>0.00</td>	CTN_VIL_IND_33	SYDENHAM RD/HWY 401 INDUSTR	VACANT INDUSTRIAL LAND	19000	1.90	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
CTN_V_IND_25         SYDENHAM RD/HWY 401 INDUST NUCHT NUCH	CTN_VIL_IND_26	SYDENHAM RD/HWY 401 INDUSTR	VACANT INDUSTRIAL LAND	2313	2.31	0%	0.00	0%	0.00	0%	ú 0.0	0%	0.00	09	6 0.00	0%	0.00
CIN_OD_LIND_27         Sybenham RD/HWY 401 INDUST UNDERUTINEED DEVELOPED LAND         3.55         ON         O.00         O.00         O.00         O.00         O.00         O.00         O.00         O.00         O.00 <th< td=""><td>CTN_VIL_IND_25</td><td>SYDENHAM RD/HWY 401 INDUSTR</td><td>VACANT INDUSTRIAL LAND</td><td>579</td><td>0.58</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>0%</td><td>0.0</td><td>0%</td><td>0.00</td><td>09</td><td>6 0.00</td><td>0%</td><td>0.00</td></th<>	CTN_VIL_IND_25	SYDENHAM RD/HWY 401 INDUSTR	VACANT INDUSTRIAL LAND	579	0.58	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
CIRN_002_11         System Name No/AWY 402 in NO2S IN ONDERVITI22ED DEVELOPED LAND         3.04 (0.57)         0.05 (0.57)         0.00 (0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)         0.00<(0.57)	CTN_UDL_IND_27	SYDENHAM RD/HWY 401 INDUST	UNDERUTILIZED DEVELOPED LAND	3552	3.55	0%	0.00	0%	0.00	07	0.0	0%	0.00	07	6 0.00	0%	0.00
Image: Construint of	CIN_ODL_IND_31	STDENHAM RD/HWT 401 INDUSTR	UNDERGTILIZED DEVELOPED DAND	Total	Analysis Period	0%	0.00	0%	0.00	09	0.0	0%	0.00	09	s 0.00	0%	0.00
Image: Constraint of the				Cumulative	28.64	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	6 0.00	0%	0.00
NOV_VIL_IND_040         INNOVATION PARK         VACANT INDUSTRIAL LAND         194685         14.60         0%         0.00         0%         0.00         50%         7.30         0%         0.00         35%         5.11         0%         0.00           NOV_UDL_ND_039         INNOVATION PARK         UNDERUTILIZED DEVELOPED LAND         242634         18.20         0%         0.00         0%		1						INNO	VATION PARK								
NOV_UDL_IND_039       INNOVATION PARK       UNDERUTILIZED DEVELOPED LAND       242634       18.20       0%       0.00       0% </td <td>NOV_VIL_IND_040</td> <td>INNOVATION PARK</td> <td>VACANT INDUSTRIAL LAND</td> <td>19468</td> <td>14.60</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.00</td> <td>509</td> <td>í 7.3</td> <td>0%</td> <td>0.00</td> <td>359</td> <td>6 5.11</td> <td>. 0%</td> <td>0.00</td>	NOV_VIL_IND_040	INNOVATION PARK	VACANT INDUSTRIAL LAND	19468	14.60	0%	0.00	0%	0.00	509	í 7.3	0%	0.00	359	6 5.11	. 0%	0.00
Image: Second	NOV_UDL_IND_039	INNOVATION PARK	UNDERUTILIZED DEVELOPED LAND	242634	18.20	0%	0.00	0%	0.00	0%	i 0.0	0%	0.00	09	6 0.00	0%	0.00
Image: Comparison of Compar				Total	Analysis Period	0%	0.00	0%	0.00	50%	7.30	0%	0.00	359	6 5.11	. 0%	0.00
OTHER       OTHER       UNDERUTILIZED DEVELOPED LAND       4271       0.43       OTHER         GAR_UDL_IND_036       OTHER       UNDERUTILIZED DEVELOPED LAND       375283       28.15       0%       0.00       0%       0%       0.00 </td <td></td> <td></td> <td></td> <td>Cumulative</td> <td>14.60</td> <td>0%</td> <td>0.00</td> <td>0%</td> <td>0.00</td> <td>50%</td> <td>i 7.30</td> <td>50%</td> <td>7.30</td> <td>859</td> <td>6 12.41</td> <td>85%</td> <td>12.41</td>				Cumulative	14.60	0%	0.00	0%	0.00	50%	i 7.30	50%	7.30	859	6 12.41	85%	12.41
GAR_ODE_IND_10         OTHER         ONDEROTILIZED DEVELOPED LAND         42/1         0.43         0.66         0.00         0%         0.00 <td></td> <td>otuca</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>OTHER</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> <td></td> <td></td>		otuca							OTHER						4		
Noverolities         Onderolities         Onderolities<	GAR_UDL_IND_16	OTHER	UNDERUTILIZED DEVELOPED LAND	427	0.43	0%	0.00	0%	0.00	0%	0.0	0%	0.00	09	0.00	0%	0.00
Interview         Interview <t< td=""><td>NOV_ODL_IND_038</td><td>OTHER</td><td>ONDEROTILIZED DEVELOPED LAND</td><td>3/528</td><td>Analysis Pasie d</td><td>0%</td><td>0.00</td><td>0%</td><td>0.00</td><td>0%</td><td>0.0</td><td>0%</td><td>0.00</td><td>05</td><td>0.00</td><td>0%</td><td>0.00</td></t<>	NOV_ODL_IND_038	OTHER	ONDEROTILIZED DEVELOPED LAND	3/528	Analysis Pasie d	0%	0.00	0%	0.00	0%	0.0	0%	0.00	05	0.00	0%	0.00
Total Developed         47.84         32.76         28.90         17.21         29.13         16.89				Cumulative	0.43	0%	0.00	0%	0.00	0%	0.00	0%	0.00	09	6 0.00	0%	0.00
	L	1	1	T	otal Developed	-	47.84		32.76		28.90	)	17.21		29.13		16.89