

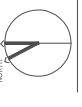
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REVISION	DATE

NOT FOR CONSTRUCTION

ISSUED FOR: 21.06.02
 DATE: 21.06.02

PROJECT: WESTON HEIGHTS
 ADDRESS: 15-23 TORVORK DR
 TORONTO, ON



g.i.a.
 g.i.a. associates
 GIOVANNI A. TASSONE ARCHITECTS INC.
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 TORONTO, ONTARIO M4M 1B7
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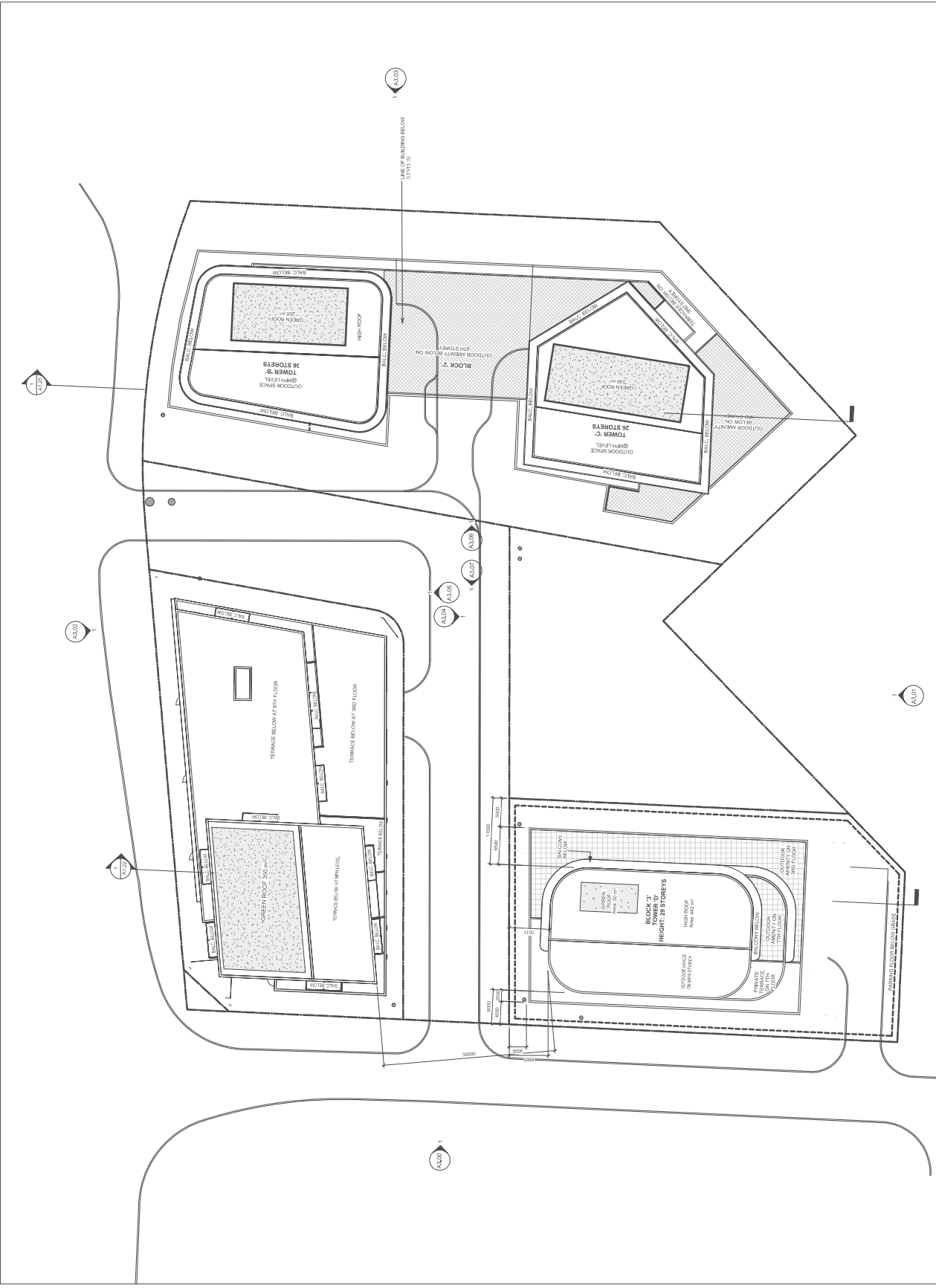
Architect Inc.
GIOVANNI A. TASSONE

WESTON HEIGHTS
 15-23 TORVORK DR
 TORONTO, ON

ROOF PLAN

SHEET TITLE
 SHEET NUMBER
A1.18

PROJ. NO.: 2022052823033.02023036



ROOF FLOOR PLANS
 1/36
1

APPENDIX B
Traffic Data and Calculations

Environmental Noise Assessment
Weston Heights
SLR Project No.: 241.30246.00000

Marcus Li

From: Josie Tomei <Josie_Tomei@cpr.ca>
Sent: Thursday, October 5, 2017 11:59 AM
To: Marcus Li
Subject: RE: 7386 Islington - CP McTier Subdivision traffic data

Marcus,
As requested:

Location: mile 10.4 Mactier Subdivision:

The information requested is as follows:

1. Number of freight trains between 0700 & 2300:
10 Number of freight trains between 2300 & 0700: 7
2. Average number of cars per train: 55
Maximum cars per train freight: 163
3. Number of locomotives per train: 2 (4 Maximum)
4. Maximum permissible train speed is 45 miles per hour (freight).
5. Whistle signal is prohibited approaching public grade crossings through the study area. However, the whistle may be sounded if deemed necessary by the train crew for safety reasons.
6. There are 1 mainline track at this location with welded joints.

The information provided is based on recent rail traffic. Variations of the above may exist on a day-to-day basis. Specific measurements may also vary significantly depending on customer needs.

Regards,



Josie Tomei SR/WA
Specialist Real Estate Sales & Acquisitions
905-803-3429
800-1290 Central Parkway West
Mississauga, ON L5C 4R3

From: Marcus Li [<mailto:marcusl@novusenv.com>]
Sent: Wednesday, October 04, 2017 10:00 PM
To: Josie Tomei
Subject: 7386 Islington - CP McTier Subdivision traffic data

Hello Josie,

I'm working on a noise study for a development located at 7386 Islington, in Vaughan Ontario. An image is attached, showing the development location.

I believe the CP MacTier subdivision runs close to the development. Could you please provide the typical data set for this railway segment.

A cheque is being prepared for \$565.00, and will be sent to you shortly.

If you need anything else, please let me know

Regards,

Marcus

Marcus Li, P.Eng.

Specialist - Acoustics, Noise & Vibration

t 226.706.8080 x 217 | marcusl@novusenv.com



Harmonizing the built and natural environments

Novus Environmental Inc. | 150 Research Lane, Suite 105 | Guelph, ON Canada, N1G 4T2

Novus West Inc. | 906 – 12 Avenue SW, Suite 600 | Calgary, AB Canada, T2R 1K7 | t 403.990.5947

www.novusenv.com

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Turning Movement Count (23 - WESTON RD & FINCH AVE W)

Start Time	N Approach WESTON RD				E Approach FINCH AVE W				S Approach WESTON RD				W Approach FINCH AVE W				Int. Total (1 hr)									
	Thru N/S	Left N/E	U-Turn N/N	Peds N:	Thru E/W	Left E/S	U-Turn E/E	Peds E:	Thru S/N	Left S/W	U-Turn S/S	Peds S:	Thru W/E	Left W/N	U-Turn W/W	Peds W:		Int. Total (15 min)								
06:00:00	5	41	32	0	17	31	95	15	20	0	20	141	33	93	16	6	116	26	15	153	514					
06:15:00	9	63	35	0	21	45	149	20	0	19	214	217	31	103	36	0	4	170	41	0	210	691				
06:30:00	16	63	33	0	26	112	156	19	0	32	227	227	30	119	25	0	10	174	43	0	265	768				
06:45:00	15	59	26	0	28	100	155	27	0	31	240	240	27	112	23	0	14	162	50	0	284	796				
07:00:00	12	98	27	1	13	138	179	30	0	23	245	245	21	124	28	0	18	173	38	1	237	793				
07:15:00	24	128	43	1	8	166	166	50	0	21	258	258	29	108	23	0	16	160	40	2	256	870				
07:30:00	20	142	36	0	4	198	215	50	0	42	320	320	30	88	17	0	34	135	7	0	257	910				
07:45:00	18	134	52	0	6	204	183	48	0	35	282	282	22	99	20	0	29	141	8	0	253	880				
08:00:00	17	129	31	0	18	177	188	45	0	44	271	271	31	95	20	0	14	146	17	0	243	837				
08:15:00	10	112	39	0	12	161	135	38	0	31	220	220	39	105	14	0	20	158	4	0	210	749				
08:30:00	18	107	34	1	16	160	173	40	0	54	252	252	34	74	24	0	9	132	6	0	233	777				
08:45:00	21	102	28	1	21	152	168	27	0	29	228	228	25	90	20	0	4	135	6	0	268	783				
09:00:00	20	95	44	0	24	159	122	29	0	34	167	167	23	68	23	0	7	114	5	0	204	644				
09:15:00	23	95	47	0	31	165	85	14	0	31	105	105	26	77	31	0	8	134	12	0	230	634				
09:30:00	26	100	38	0	9	164	85	21	0	12	115	115	26	87	25	0	5	138	9	0	228	645				
09:45:00	33	108	46	0	27	187	100	33	0	26	140	140	28	88	23	0	6	139	16	0	183	649				
BREAK																										
15:00:00	43	144	62	0	46	249	104	22	0	63	131	131	26	53	21	0	0	100	11	0	258	738				
15:15:00	40	140	51	0	106	231	100	18	0	105	122	122	22	28	16	0	6	66	6	0	188	607				
15:30:00	36	145	68	0	55	249	101	33	0	43	140	140	21	54	13	0	0	88	9	0	228	705				
15:45:00	50	147	69	0	31	266	113	20	0	40	136	136	16	53	8	0	5	77	9	0	211	690				
16:00:00	39	199	50	0	44	288	102	29	0	61	137	137	20	80	23	0	8	123	7	0	219	767				
16:15:00	45	166	55	0	50	266	155	35	0	49	208	208	22	81	15	0	2	118	18	0	271	863				
16:30:00	41	171	50	1	54	263	143	34	0	25	241	241	24	91	24	0	0	139	7	0	260	903				
16:45:00	54	144	47	0	48	245	121	28	0	21	258	258	25	78	30	0	4	133	20	0	253	889				
17:00:00	58	210	52	0	27	320	187	48	0	18	254	254	30	75	26	0	0	131	16	0	227	932				
17:15:00	43	203	47	0	50	293	162	29	0	28	237	237	29	94	30	0	2	153	16	0	261	868				
17:30:00	52	171	40	0	66	263	177	48	0	44	272	272	33	84	36	0	6	153	27	0	233	921				
17:45:00	56	161	41	0	44	258	139	45	0	36	254	254	29	68	27	0	15	124	24	0	199	835				
18:00:00	53	173	62	0	19	288	166	42	0	37	260	260	29	93	22	0	18	144	9	0	227	919				
18:15:00	44	163	48	1	30	256	152	42	0	22	264	264	34	93	35	0	23	162	14	0	264	862				
18:30:00	36	135	56	0	34	227	182	48	0	32	247	247	27	93	23	0	23	143	9	0	245	862				
18:45:00	32	107	41	0	19	180	211	39	0	15	273	273	36	80	38	1	24	155	11	0	227	835				
Grand Total	1009	4155	1420	6	1004	6590	5012	1066	0	1123	6659	6659	878	2728	755	1	340	4362	402	5841	1224	8	1343	7475	25286	
Approach%	15.3%	63.1%	21.5%	0.1%	0.1%	15.3%	73.1%	15.5%	0%	0%	17.3%	17.3%	20.1%	62.5%	17.3%	0%	0%	5.4%	5.4%	78.1%	16.4%	0.1%	0%	16.4%	29.6%	
Totals	4%	16.4%	5.6%	0%	0%	26.1%	19.8%	4.2%	0%	27.1%	27.1%	27.1%	3.5%	10.8%	3%	0%	0%	17.3%	1.6%	28.1%	4.8%	0%	0%	4.8%	8.6%	
Heavy	80	308	156	0	0	126	239	39	0	0	0	0	37	207	29	0	0	23	23	335	51	0	0	51	0	
Heavy %	7.9%	7.4%	11%	0%	0%	16.1%	4.8%	3.7%	0%	0%	0%	0%	4.2%	7.6%	3.8%	0%	0%	5.7%	5.7%	5.7%	4.2%	0%	0%	4.2%	0%	
Bicycles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycle %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



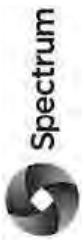
Peak Hour: 07:15 AM - 08:15 AM Weather: Broken Clouds (1.49 °C)

Start Time	N Approach WESTON RD				E Approach FINCH AVE W				S Approach WESTON RD				W Approach FINCH AVE W				Int. Total (15 min)									
	Right	Thru	Left	U-Turn	Peds	Approach Total	Right	Thru	Left	U-Turn	Peds	Approach Total	Right	Thru	Left	U-Turn		Peds	Approach Total							
07:15:00	24	128	43	1	8	196	42	166	50	0	21	258	29	108	23	0	16	160	18	196	40	2	18	256	870	
07:30:00	20	142	36	0	4	198	55	215	50	0	42	320	30	88	17	0	34	135	7	210	40	0	32	257	910	
07:45:00	18	134	52	0	6	204	51	183	48	0	35	282	22	99	20	0	29	141	8	206	39	0	19	253	880	
08:00:00	17	129	31	0	18	177	38	188	45	0	44	271	31	95	20	0	14	146	17	190	36	0	33	243	837	
Grand Total	79	533	162	1	36	775	186	752	193	0	142	1131	112	390	80	0	93	582	50	802	155	2	102	1009	3497	
Approach %	10.2%	68.8%	20.9%	0.1%	0%	16.4%	66.5%	17.1%	0%	0%	19.2%	67%	13.7%	0%	0%	0%	19.2%	67%	13.7%	0%	0%	0%	15.4%	0.2%	-	
Totals %	2.3%	15.2%	4.6%	0%	0%	22.2%	5.3%	21.5%	5.5%	0%	32.3%	11.2%	2.3%	0%	0%	16.6%	1.4%	22.9%	4.4%	0.1%	0.1%	0.1%	0.1%	28.9%	-	
PHF	0.82	0.94	0.78	0.25	0	0.95	0.85	0.87	0.97	0	0.88	0.9	0.9	0.87	0	0.91	0.69	0.95	0.97	0.25	0.98	0.98	0.98	0.98	0.98	
Heavy %	11	63	27	0	0	101	21	55	10	0	86	5	27	4	0	36	7	61	9	0	0	0	77	77	-	
Heavy %	13.9%	11.8%	16.7%	0%	0%	13%	11.3%	7.3%	5.2%	0%	7.6%	4.5%	6.9%	5%	0%	6.2%	14%	7.6%	5.8%	0%	0%	0%	7.6%	7.6%	-	
Lights	65	431	120	1	0	617	156	662	176	0	994	100	352	73	0	525	40	711	140	2	883	2	102	1009	3497	
Lights %	82.3%	80.9%	74.1%	100%	0%	79.6%	83.9%	89%	91.2%	0%	87.9%	89.3%	90.3%	91.3%	0%	90.2%	80%	88.7%	90.3%	100%	88.5%	100%	88.5%	88.5%	-	
Light Goods Vehicles	3	39	15	0	0	57	9	85	7	0	51	7	11	3	0	21	3	30	6	0	0	39	0	39	-	
Light Goods Vehicles %	3.8%	7.3%	9.3%	0%	0%	7.4%	4.8%	4.7%	3.6%	0%	4.5%	6.3%	2.8%	3.8%	0%	3.6%	3.7%	3.9%	0%	0%	0%	3.9%	0%	3.9%	-	
Single-Unit Trucks	9	36	23	0	0	68	12	16	6	0	34	3	11	2	0	16	2	20	4	0	0	26	0	26	-	
Single-Unit Trucks %	11.4%	6.8%	14.2%	0%	0%	8.8%	6.5%	2.1%	3.1%	0%	3%	2.7%	2.8%	2.5%	0%	2.7%	4%	2.5%	2.5%	0%	2.6%	0%	2.6%	2.6%	-	
Buses	2	17	0	0	0	19	6	27	3	0	36	2	15	2	0	19	5	40	3	0	0	48	0	48	-	
Buses %	2.5%	3.2%	0%	0%	0%	2.5%	3.2%	3.6%	1.6%	0%	3.2%	1.8%	2.8%	2.5%	0%	3.3%	10%	5%	1.9%	0%	4.8%	0%	4.8%	4.8%	-	
Articulated Trucks	0	10	4	0	0	14	3	12	1	0	16	0	1	0	0	1	0	1	2	0	0	3	0	3	-	
Articulated Trucks %	0%	1.9%	2.5%	0%	0%	1.8%	1.6%	1.6%	0.5%	0%	1.4%	0%	0.3%	0%	0%	0.2%	0%	0.1%	1.3%	0%	0.3%	0%	0.3%	0.3%	-	
Bicycles on Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Bicycles on Road %	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
Pedestrians	-	-	-	-	36	-	-	-	-	-	142	-	-	-	-	-	93	-	-	-	-	102	-	-	-	-
Pedestrians %	-	-	-	-	9.7%	-	-	-	-	-	38.1%	-	-	-	-	24.9%	-	-	-	-	27.3%	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	0	-	-	-	-	
Bicycles on Crosswalk %	-	-	-	-	0%	-	-	-	-	0%	0%	-	-	-	0%	0%	-	-	-	0%	0%	-	-	-	-	



Peak Hour: 04:45 PM - 05:45 PM Weather: Broken Clouds (9.5 °C)

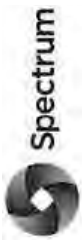
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	Right	Thru	Left	U-Turn	Peds	Approach Total	Right	Thru	Left	U-Turn	Peds	Approach Total	Right	Thru	Left	U-Turn		Peds	Approach Total						
16:45:00	54	144	47	0	48	245	18	212	28	0	21	258	25	78	30	0	4	133	20	192	41	0	79	253	889
17:00:00	58	210	52	0	27	320	19	187	48	0	18	254	30	75	26	0	0	131	16	170	41	0	55	227	932
17:15:00	43	203	47	0	50	293	16	192	29	0	28	237	29	94	30	0	2	153	16	204	41	0	60	261	844
17:30:00	52	171	40	0	66	263	17	207	48	0	44	272	33	84	36	0	6	153	27	169	37	0	63	233	921
Grand Total	207	728	186	0	191	1121	70	798	153	0	111	1021	117	331	122	0	12	570	79	735	160	0	257	974	3686
Approach %	18.5%	64.9%	16.6%	0%	0%	-	6.9%	78.2%	15%	0%	0%	-	20.5%	58.1%	21.4%	0%	0%	-	8.1%	75.5%	16.4%	0%	0%	-	-
Totals %	5.6%	19.8%	5%	0%	0%	30.4%	1.9%	21.6%	4.2%	0%	0%	27.7%	3.2%	9%	3.3%	0%	0%	15.5%	2.1%	19.9%	4.3%	0%	0%	26.4%	-
PHF	0.89	0.87	0.89	0	0.88	0.88	0.92	0.94	0.8	0	0.94	0.89	0.88	0.88	0.85	0	0.93	0.83	0.73	0.9	0.88	0	0.93	0.93	-
Heavy %	18	26	10	0	54	54	11	13	0	0	24	24	1	28	2	0	31	31	1	31	1	0	33	33	-
Heavy %	8.7%	3.6%	5.4%	0%	4.8%	4.8%	15.7%	1.6%	0%	0%	2.4%	2.4%	0.9%	6.5%	1.6%	0%	5.4%	5.4%	1.3%	4.2%	0.5%	0%	3.4%	3.4%	-
Lights	183	687	172	0	1042	1042	57	764	149	0	970	970	114	289	118	0	521	521	76	681	152	0	909	909	-
Lights %	88.4%	94.4%	92.5%	0%	93%	93%	81.4%	95.7%	97.4%	0%	95%	95%	97.4%	87.3%	96.7%	0%	91.4%	91.4%	96.2%	92.7%	95%	0%	93.3%	93.3%	-
Light Goods Vehicles	6	15	4	0	25	25	2	21	4	0	27	27	2	14	2	0	18	18	2	23	7	0	32	32	-
Light Goods Vehicles %	2.9%	2.1%	2.2%	0%	2.2%	2.2%	2.9%	2.6%	2.6%	0%	2.6%	2.6%	1.7%	4.2%	1.6%	0%	3.2%	3.2%	2.5%	3.1%	4.4%	0%	3.3%	3.3%	-
Single-Unit Trucks	4	9	8	0	21	21	5	9	0	0	14	14	1	11	1	0	13	13	0	19	0	0	19	19	-
Single-Unit Trucks %	1.9%	1.2%	4.3%	0%	1.9%	1.9%	7.1%	1.1%	0%	0%	1.4%	1.4%	0.9%	3.3%	0.8%	0%	2.3%	2.3%	0%	2.8%	0%	0%	2%	2%	-
Buses	14	11	0	0	25	25	5	2	0	0	7	7	0	13	1	0	14	14	0	10	0	0	10	10	-
Buses %	6.8%	1.5%	0%	0%	2.2%	2.2%	7.1%	0.3%	0%	0%	0.7%	0.7%	0%	3.9%	0.8%	0%	2.5%	2.5%	0%	1.4%	0%	0%	1%	1%	-
Articulated Trucks	0	6	2	0	8	8	1	2	0	0	3	3	0	4	0	0	4	4	1	2	1	0	4	4	-
Articulated Trucks %	0%	0.8%	1.1%	0%	0.7%	0.7%	1.4%	0.3%	0%	0%	0.3%	0.3%	0%	1.2%	0%	0%	0.7%	0.7%	1.3%	0.3%	0.6%	0%	0.4%	0.4%	-
Bicycles on Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bicycles on Road %	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Pedestrians	-	-	-	-	190	190	-	-	-	-	111	111	-	-	-	-	12	12	-	-	-	-	255	255	-
Pedestrians %	-	-	-	-	33.3%	33.3%	-	-	-	-	19.4%	19.4%	-	-	-	-	2.1%	2.1%	-	-	-	-	44.7%	44.7%	-
Bicycles on Crosswalk	-	-	-	-	1	1	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	2	2	-
Bicycles on Crosswalk %	-	-	-	-	0.2%	0.2%	-	-	-	-	0%	0%	-	-	-	-	0%	0%	-	-	-	-	0.4%	0.4%	-



Turning Movement Count
 Location Name: WESTON RD & FINCH AVE W
 Date: Thu, Mar 28, 2019 Deployment Lead: Peter Ilias

Peak Hour: 07:15 AM - 08:15 AM Weather: Broken Clouds (1.49 °C)





Turning Movement Count
Location Name: WESTON RD & FINCH AVE W
Date: Thu, Mar 28, 2019 Deployment Lead: Peter Ilias

Peak Hour: 04:45 PM - 05:45 PM Weather: Broken Clouds (9.5 °C)





Turning Movement Count (22 . WESTON RD & TORYORK DR)

Start Time	N Approach WESTON RD				E Approach COMMERCIAL ACCESS				S Approach WESTON RD				W Approach TORYORK DR				Int. Total (1 hr)
	Thru N/S	Right N/W	Left N/E	U-Turn N/N	Thru E/W	Right E/N	Left E/S	U-Turn E/E	Thru S/N	Right S/E	Left S/W	U-Turn S/S	Thru W/E	Right W/S	Left W/N	U-Turn W/W	
06:00:00	2	49	0	0	0	1	0	0	2	117	42	0	0	25	0	0	161
06:15:00	8	69	1	0	0	0	2	0	165	45	0	0	0	27	0	0	210
06:30:00	3	85	0	0	2	0	5	1	170	80	0	0	0	23	1	3	250
06:45:00	5	68	0	0	2	1	0	4	172	57	0	2	0	28	1	5	231
07:00:00	3	121	1	0	2	1	0	3	168	54	0	0	0	24	1	4	223
07:15:00	5	159	3	0	0	0	1	1	158	35	0	1	0	31	1	6	193
07:30:00	6	144	4	0	3	0	3	8	147	40	0	0	0	39	0	2	189
07:45:00	9	133	2	0	1	4	0	4	150	55	0	1	0	61	5	9	208
08:00:00	4	136	0	0	0	4	0	1	132	39	0	17	0	37	3	1	172
08:15:00	9	119	0	0	1	2	0	10	155	46	0	2	0	45	2	3	204
08:30:00	11	118	3	0	1	0	0	6	112	35	0	5	0	47	0	9	147
08:45:00	8	107	2	0	4	0	2	4	132	37	0	4	0	45	3	5	171
09:00:00	6	117	3	0	2	6	0	1	105	32	0	1	0	41	3	4	141
09:15:00	9	124	5	0	1	3	2	0	111	22	0	0	0	33	3	9	139
09:30:00	20	138	8	0	0	6	3	0	112	45	0	3	0	51	0	8	163
09:45:00	21	128	5	0	0	3	7	0	113	27	0	3	0	46	3	8	146
BREAK																	
15:00:00	20	166	3	0	3	6	13	0	76	25	0	1	0	61	7	10	113
15:15:00	19	168	12	0	2	8	0	4	53	28	0	1	0	57	5	9	86
15:30:00	18	170	15	0	2	10	19	0	83	35	0	12	0	69	6	8	128
15:45:00	19	170	12	0	0	13	18	0	72	20	0	10	0	92	7	31	100
16:00:00	18	241	3	0	8	7	8	0	91	21	0	4	0	43	4	7	124
16:15:00	25	194	10	0	0	6	13	0	116	38	0	2	0	64	4	8	163
16:30:00	17	193	11	0	1	2	12	0	113	34	0	2	0	61	3	8	160
16:45:00	15	191	6	0	1	9	16	0	106	35	0	1	0	51	3	5	153
17:00:00	11	246	6	0	2	5	15	0	93	41	0	3	0	66	5	5	145
17:15:00	17	216	10	0	4	9	17	0	122	40	1	4	0	53	4	10	174
17:30:00	11	205	3	0	5	3	19	0	123	31	0	5	0	50	4	5	161
17:45:00	12	200	3	0	0	3	14	0	97	30	0	0	0	55	3	7	136
18:00:00	11	216	8	0	4	11	5	0	107	40	0	3	0	72	3	9	156
18:15:00	13	174	7	0	1	7	21	0	117	31	0	1	0	49	3	5	156
18:30:00	4	150	0	0	0	1	19	0	129	26	0	2	0	55	0	2	166
18:45:00	5	136	3	0	2	1	16	0	101	31	0	0	0	35	1	4	140
Grand Total	364	4851	149	0	54	168	282	0	3818	1197	1	90	2	1556	88	213	5209
Approach %	6.8%	90.4%	2.8%	0%	0%	28.4%	21.2%	0%	3.7%	73.3%	23%	0%	0%	83.5%	4.8%	11.6%	0.1%
Totals	2.8%	37.4%	1.1%	0%	41.3%	1.3%	0.9%	0%	1.5%	29.4%	9.2%	0%	40.1%	11.8%	0.7%	1.6%	14.2%
Heavy	45	404	4	0	-	5	2	0	1	288	100	0	-	136	1	11	0
Heavy %	12.4%	8.3%	2.7%	0%	-	3%	1.7%	0%	0.5%	7.5%	8.4%	0%	-	8.9%	1.1%	5.2%	0%
Bicycles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bicycle %	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Peak Hour: 07:00 AM - 08:00 AM Weather: Broken Clouds (1.49 °C)

Start Time	N Approach WESTON RD						E Approach COMMERCIAL ACCESS						S Approach WESTON RD						W Approach TORYORK DR						Int. Total (15 min)										
	Right		Thru		Left		Right		Thru		Left		Right		Thru		Left		Right		Thru		Left			Right		Thru		Left		Right		Thru	
	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds		U-Turn	Peds	U-Turn	Peds	U-Turn	Peds	U-Turn	Peds		
07:00:00	3	121	1	0	2	125	1	1	1	0	3	3	1	168	54	0	0	0	0	0	0	0	1	4	0	0	1	29	380						
07:15:00	5	159	3	0	0	167	0	0	1	0	1	1	0	158	95	0	1	193	31	1	6	0	1	6	0	1	38	399							
07:30:00	6	144	4	0	3	154	4	1	3	0	3	8	2	147	40	0	0	189	39	0	2	0	2	0	0	0	41	592							
07:45:00	9	133	2	0	1	144	0	0	4	0	4	4	3	150	55	0	1	208	61	5	9	0	9	0	0	6	75	431							
Grand Total	23	557	10	0	6	590	5	2	9	0	11	16	6	623	184	0	2	813	155	7	21	0	8	0	0	8	183	1602							
Approach %	3.9%	94.4%	1.7%	0%	0%	-	31.3%	12.5%	56.3%	0%	0%	0%	0.7%	76.6%	22.6%	0%	0%	50.7%	84.7%	3.8%	11.5%	0%	0%	0%	0%	0%	-	-	-	-	-				
Totals %	1.4%	34.8%	0.6%	0%	0%	36.8%	0.3%	0.1%	0.6%	0%	1%	1%	0.4%	38.9%	11.5%	0%	0%	50.7%	9.7%	0.4%	1.3%	0%	0%	0%	0%	0%	11.4%	-	-	-	-	-			
PHF	0.64	0.88	0.63	0	0	0.88	0.31	0.5	0.56	0	0.5	0.5	0.5	0.93	0.84	0	0.91	0.91	0.64	0.35	0.58	0	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61		
Heavy %	7	72	1	0	0	80	1	0	0	0	1	1	0	49	16	0	65	8%	15.5%	0%	4.8%	0%	0%	0%	0%	0%	25	-	-	-	-	-			
Heavy %	30.4%	12.9%	10%	0%	0%	13.6%	20%	0%	0%	0%	6.3%	6.3%	0%	7.9%	8.7%	0%	8%	15.5%	0%	4.8%	0%	0%	0%	0%	0%	0%	13.7%	-	-	-	-	-			
Lights	14	441	8	0	0	463	4	2	8	0	14	14	6	547	150	0	703	114	6	18	0	0	0	0	0	0	138	-	-	-	-	-			
Lights %	60.9%	79.2%	80%	0%	0%	78.5%	80%	100%	88.9%	0%	87.5%	87.5%	100%	87.8%	81.5%	0%	86.5%	73.5%	85.7%	85.7%	0%	0%	0%	0%	0%	0%	75.4%	-	-	-	-	-			
Light Goods Vehicles	2	44	1	0	0	47	0	0	1	0	1	1	0	27	18	0	45	17	1	2	0	0	0	0	0	0	20	-	-	-	-	-			
Light Goods Vehicles %	8.7%	7.9%	10%	0%	0%	8%	0%	0%	11.1%	0%	6.3%	6.3%	0%	4.3%	9.8%	0%	5.5%	11%	14.3%	9.5%	0%	0%	0%	0%	0%	10.9%	-	-	-	-	-				
Single-Unit Trucks	7	38	1	0	0	46	1	0	0	0	1	1	0	17	12	0	29	21	0	1	0	0	0	0	0	22	-	-	-	-	-				
Single-Unit Trucks %	30.4%	6.8%	10%	0%	0%	7.8%	20%	0%	0%	0%	6.3%	6.3%	0%	2.7%	6.5%	0%	3.6%	13.5%	0%	4.8%	0%	0%	0%	0%	0%	12%	-	-	-	-	-				
Buses	0	20	0	0	0	20	0	0	0	0	0	0	0	24	3	0	27	1	0	0	0	0	0	0	0	1	-	-	-	-	-	-			
Buses %	0%	3.6%	0%	0%	0%	3.4%	0%	0%	0%	0%	0%	0%	0%	3.9%	1.6%	0%	3.3%	0.6%	0%	0%	0%	0%	0%	0%	0%	0.5%	-	-	-	-	-				
Articulated Trucks	0	14	0	0	0	14	0	0	0	0	0	0	0	8	1	0	9	2	0	0	0	0	0	0	0	2	-	-	-	-	-	-			
Articulated Trucks %	0%	2.5%	0%	0%	0%	2.4%	0%	0%	0%	0%	0%	0%	0%	1.3%	0.5%	0%	1.1%	1.3%	0%	0%	0%	0%	0%	0%	0%	1.1%	-	-	-	-	-	-			
Bicycles on Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bicycles on Road %	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Pedestrians	-	-	-	-	6	-	-	-	-	11	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-		
Pedestrians %	-	-	-	-	22.2%	-	-	-	40.7%	-	-	-	-	-	-	7.4%	-	-	-	-	-	-	-	-	-	-	18.5%	-	-	-	-	-	-		
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	0	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-			
Bicycles on Crosswalk %	-	-	-	-	0%	-	-	-	0%	-	-	-	-	-	-	0%	-	-	-	-	-	-	-	-	-	11.1%	-	-	-	-	-	-			

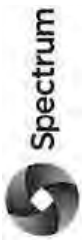


Peak Hour: 04:30 PM - 05:30 PM Weather: Broken Clouds (9.5 °C)

Start Time	M Approach WESTON RD					E Approach COMMERCIAL ACCESS					S Approach WESTON RD					W Approach TORYORK DR					Int. Total (15 min)							
	Right	Thru	Left	U-Turn	Peds	Right	Thru	Left	U-Turn	Peds	Right	Thru	Left	U-Turn	Peds	Right	Thru	Left	U-Turn	Peds		Approach Total	Approach Total					
16:30:00	17	193	11	0	1	9	2	12	0	11	23	13	113	34	0	2	3	8	0	3	160	61	3	8	0	3	72	476
16:45:00	15	191	6	0	1	5	9	16	0	2	30	12	106	35	0	1	3	5	0	7	153	51	3	5	0	7	59	454
17:00:00	11	246	6	0	2	9	5	15	0	12	29	11	93	41	0	3	5	5	0	9	145	66	5	5	0	9	76	513
17:15:00	17	216	10	0	4	10	9	17	0	6	36	11	122	40	1	4	4	10	0	13	174	53	4	10	0	13	67	520
Grand Total	60	846	33	0	8	33	25	60	0	31	118	47	434	150	1	10	15	28	0	32	632	231	15	28	0	32	274	1963
Approach %	6.4%	90.1%	3.5%	0%	0%	28%	21.2%	50.8%	0%	0%	6%	7.4%	66.7%	23.7%	0.2%	0%	5.5%	10.2%	0%	0%	-	84.3%	5.5%	10.2%	0%	0%	-	-
Totals %	3.1%	43.1%	1.7%	0%	0%	1.7%	1.3%	3.1%	0%	0%	6%	2.4%	22.1%	7.6%	0.1%	0%	0.8%	1.4%	0%	0%	32.2%	11.8%	0.8%	1.4%	0%	0%	14%	-
PHF	0.88	0.86	0.75	0	0	0.83	0.69	0.88	0	0.82	0.82	0.9	0.89	0.91	0.25	0.91	0.88	0.75	0.7	0	0.91	0.88	0.75	0.7	0	0	0.9	-
Heavy %	8	46	0	0	0	1	0	2	0	3	3	0	30	14	0	4	7	0	4	0	44	7	0	4	0	11	11	-
Heavy %	13.3%	5.4%	0%	0%	0%	3%	0%	3.3%	0%	2.5%	2.5%	0%	6.9%	9.3%	0%	7%	3%	0%	14.3%	0%	7%	3%	0%	14.3%	0%	0%	4%	-
Lights	50	775	32	0	0	30	25	55	0	0	110	44	382	125	1	0	55	22	0	0	55	212	13	22	0	0	247	-
Lights %	83.3%	91.6%	97%	0%	0%	90.9%	100%	91.7%	0%	0%	93.2%	93.6%	88%	83.3%	100%	0%	87.3%	86.7%	78.6%	0%	87.3%	91.8%	86.7%	78.6%	0%	0%	90.1%	-
Light Goods Vehicles	2	25	1	0	0	2	0	3	0	5	5	3	22	11	0	0	36	2	0	0	36	12	2	2	0	0	16	-
Light Goods Vehicles %	3.3%	3%	3%	0%	0%	6.1%	0%	5%	0%	4.2%	4.2%	6.4%	5.1%	7.3%	0%	5.7%	5.2%	13.3%	7.1%	0%	5.7%	5.2%	13.3%	7.1%	0%	5.8%	-	
Single-Unit Trucks	5	16	0	0	0	1	0	2	0	3	3	0	11	11	0	0	22	6	0	0	22	6	0	3	0	9	-	
Single-Unit Trucks %	8.3%	1.9%	0%	0%	0%	3%	0%	3.3%	0%	2.5%	2.5%	0%	2.5%	7.3%	0%	3.5%	2.6%	0%	10.7%	0%	3.5%	2.6%	0%	10.7%	0%	3.3%	-	
Buses	0	27	0	0	0	0	0	0	0	0	0	0	13	2	0	0	15	0	0	0	15	0	0	0	0	0	0	-
Buses %	0%	3.2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	1.3%	0%	2.4%	0%	0%	0%	0%	2.4%	0%	0%	0%	0%	0%	0%	-
Articulated Trucks	3	3	0	0	0	0	0	0	0	0	0	0	6	1	0	7	7	1	0	0	7	1	0	1	0	2	-	
Articulated Trucks %	5%	0.4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.4%	0.7%	0%	1.1%	1.1%	0.4%	0%	0%	1.1%	0.4%	0%	0%	0%	0.7%	-	
Bicycles on Road	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Bicycles on Road %	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
Pedestrians	-	-	-	-	8	-	-	-	-	28	-	-	-	-	-	10	-	-	-	-	32	-	-	-	-	-	-	-
Pedestrians %	-	-	-	-	9.9%	-	-	-	-	34.6%	-	-	-	-	12.3%	-	-	-	-	39.5%	-	-	-	-	-	-	-	-
Bicycles on Crosswalk	-	-	-	-	0	-	-	-	3	-	-	-	-	-	0	-	-	-	-	0	-	-	-	-	-	-	-	-
Bicycles on Crosswalk %	-	-	-	-	0%	-	-	-	3.7%	-	-	-	-	-	0%	-	-	-	-	0%	-	-	-	-	-	-	0%	-

Peak Hour: 07:00 AM - 08:00 AM Weather: Broken Clouds (1.49 °C)





Turning Movement Count
 Location Name: WESTON RD & TORYORK DR
 Date: Thu, Mar 28, 2019 Deployment Lead: Peter Ilias

Peak Hour: 04:30 PM - 05:30 PM Weather: Broken Clouds (9.5 °C)



Summary of Required Composite Window STCs

Location		Non-Glazing Veneer	Road		Locomotive		Wheel Noise		LRT		Total		Total	
			Day	Ngt	Day	Ngt	Day	Ngt	Day	Ngt	Day	Ngt	Max	Max
Living Room	Block 1 Tower North	45	19	12	21	23	11	13	2	1	23	24	24	OBC (24)
	Block 1 Tower East	45	16	9	19	20	9	10	7	6	21	21	21	OBC (21)
	Block 1 Tower South	45	11	5	14	15	4	5	8	6	17	16	17	OBC (17)
	Block 1 Tower West	45	14	8	18	20	8	10	3	2	20	21	21	OBC (21)
	Block 1 Podium North	45	20	13	22	23	10	12	3	2	24	24	24	OBC (24)
	Block 1 Podium East	45	17	10	19	20	7	8	6	5	21	21	21	OBC (21)
	Block 1 Podium South	45	9	2	12	13	1	3	6	5	15	14	15	OBC (15)
	Block 1 Podium West	45	15	9	18	19	8	9	2	0	20	20	20	OBC (20)
	Block 2 Tower B North	45	21	14	22	24	12	14	9	7	25	25	25	OBC (25)
	Block 2 Tower B East	45	20	14	21	23	11	12	11	9	24	24	24	OBC (24)
	Block 2 Tower B South	45	18	11	18	20	8	10	11	10	22	21	22	OBC (22)
	Block 2 Tower B West	45	19	12	21	22	11	12	6	4	23	23	23	OBC (23)
	Block 2 Podium North	45	21	14	22	24	11	12	7	5	25	25	25	OBC (25)
	Block 2 Podium East	45	20	13	21	23	9	10	12	10	24	24	24	OBC (24)
	Block 2 Podium South	45	16	9	16	18	6	7	11	10	20	19	20	OBC (20)
	Block 2 Podium West	45	17	10	19	20	8	9	7	5	21	21	21	OBC (21)
	Block 2 Tower C North	45	15	8	19	20	9	10	7	6	21	21	21	OBC (21)
	Block 2 Tower C East	45	18	11	19	20	9	10	14	12	22	21	22	OBC (22)
	Block 2 Tower C South	45	16	9	12	13	2	3	12	11	19	16	19	OBC (19)
	Block 2 Tower C West	45	13	6	17	18	7	8	7	5	19	19	19	OBC (19)
	Block 3 Podium North	45	10	4	18	19	7	9	2	1	19	20	20	OBC (20)
	Block 3 Podium East	45	13	7	16	17	4	5	9	8	18	18	18	OBC (18)
	Block 3 Podium South	45	13	7	12	14	2	3	10	9	17	16	17	OBC (17)
	Block 3 Podium West	45	11	4	16	18	7	8	7	5	18	19	19	OBC (19)
Block 3 Tower D North	45	12	6	18	20	8	10	4	3	19	21	21	OBC (21)	
Block 3 Tower D East	45	14	8	16	18	6	8	10	9	19	19	19	OBC (19)	
Block 3 Tower D South	45	13	7	12	14	2	4	10	9	17	16	17	OBC (17)	
Block 3 Tower D West	45	11	4	17	18	7	8	7	6	19	19	19	OBC (19)	
Bedroom	Block 1 Tower North	45	22	20	24	31	14	21	5	9	26	32	32	32
	Block 1 Tower East	45	19	17	22	28	12	18	10	14	24	29	29	OBC (29)
	Block 1 Tower South	45	14	13	17	23	7	13	11	14	20	24	24	OBC (24)
	Block 1 Tower West	45	17	16	21	28	11	18	6	10	23	29	29	OBC (29)
	Block 1 Podium North	45	23	21	25	31	13	20	6	10	27	32	32	32
	Block 1 Podium East	45	20	18	22	28	10	16	9	13	24	29	29	OBC (29)
	Block 1 Podium South	45	12	10	15	21	4	11	9	13	18	22	22	OBC (22)
	Block 1 Podium West	45	18	17	21	27	11	17	5	8	23	28	28	OBC (28)
	Block 2 Tower B North	45	24	22	25	32	15	22	12	15	28	33	33	33
	Block 2 Tower B East	45	23	22	24	31	14	20	14	17	27	32	32	32
	Block 2 Tower B South	45	21	19	21	28	11	18	14	18	25	29	29	OBC (29)
	Block 2 Tower B West	45	22	20	24	30	14	20	9	12	26	31	31	31
	Block 2 Podium North	45	24	22	25	32	14	20	10	13	28	33	33	33
	Block 2 Podium East	45	23	21	24	31	12	18	15	18	27	32	32	32
	Block 2 Podium South	45	19	17	19	26	9	15	14	18	23	27	27	OBC (27)
	Block 2 Podium West	45	20	18	22	28	11	17	10	13	24	29	29	OBC (29)
	Block 2 Tower C North	45	18	16	22	28	12	18	10	14	24	29	29	OBC (29)
	Block 2 Tower C East	45	21	19	22	28	12	18	17	20	25	29	29	OBC (29)
	Block 2 Tower C South	45	19	17	15	21	5	11	15	19	22	24	24	OBC (24)
	Block 2 Tower C West	45	16	14	20	26	10	16	10	13	22	27	27	OBC (27)
	Block 3 Podium North	45	13	12	21	27	10	17	5	9	22	28	28	OBC (28)
	Block 3 Podium East	45	16	15	19	25	7	13	12	16	21	26	26	OBC (26)
	Block 3 Podium South	45	16	15	15	22	5	11	13	17	20	24	24	OBC (24)
	Block 3 Podium West	46	14	12	19	26	10	16	10	13	21	27	27	OBC (27)
Block 3 Tower D North	47	15	14	21	28	11	18	7	11	22	29	29	OBC (29)	
Block 3 Tower D East	48	17	16	19	26	9	16	13	17	22	27	27	OBC (27)	
Block 3 Tower D South	49	16	15	15	22	5	12	13	17	20	24	24	OBC (24)	
Block 3 Tower D West	50	14	12	20	26	10	16	10	14	22	27	27	OBC (27)	

APPENDIX C
Industrial Information

Environmental Noise Assessment
Weston Heights
SLR Project No.: 241.30246.00000

MECP Guideline D-6									
Name	Address	Description	MECP ECA or EASR No. (Date)	Class	Area of Influence	Recommended Separation Distance	Actual Distance	Within Area of Influence?	Within Recommended Setback
Esso Gas Station and Car Wash	3514 Weston Road	Automatic Car Wash	N/A	I	70	20	20	Yes	Yes
Lucky & Brothers Auto Inc.	176 Toryork Drive	Automotive Repair/Recycling	N/A	I	70	20	20	Yes	Yes
Mega City and Nanak Car Wash	2370 Finch Avenue West	Automatic Car Wash	N/A	I	70	20	0	Yes	Yes
City of Toronto	27, 49, 61 and 75 Toryork Drive	Emery Parks, Works and Emergency Services Yard	N/A	II	300	70	0	Yes	Yes
Gerdau Ameristeel Corporation	55A Fenmar Drive	Scrap Metal Recycling End of Life Vehicle Recycling	4852-BFWJ38 (2020) R-007-9654427693 (2016)	III	1000	300	200	Yes	Yes
City of Toronto-Fire Services	40 Toryork Drive	Passive Landfill Gas Ventilation System	3045-65SHY8 (2004)	N/A	N/A	N/A	50	Yes	Yes
City of Toronto	40 Toryork Drive	Silk Screening Process	6855-6AGTPM (2005)	I	70	20	50	Yes	-
Danplas Pipe Systems	20 High Meadow Place	Pipe supplier	N/A	II	300	70	180	Yes	-
2000007 Ontario Inc./INIKAS Armoured Vehicle Manufacturing	3605 Weston Road	Armour Vehicle Manufacturing	6561-BT2RM7 (2020)	II	300	70	260	Yes	-
GFL Fenmar Transfer Station All Star Wood Waste & Recycling Ltd. MJM Concrete & Paving Ltd.	71 Fenmar Drive	Municipal Waste Transfer/Processing	3164-6R9PXX (2007) Notices 1, 2, 3, 4, 5 0413-4LBPNZ (2008) R-004-4110370601 (2018)	III	1000	300	310	Yes	-
Tito Construction/BinXpress	79 Fenmar Drive	Waste Management Aggregate/Concrete Crushing Operations	9847-873NIR (2010)	III	1000	300	410	Yes	-
269068 Ontario Limited - Chabot Enterprises Limited	143 Toryork Drive	Waste Management System/Salt Yard	R-004-7600609705 (2016) A680359 (2018)	III	1000	300	840	Yes	-
Combined Metal Industries	145 Fenmar Drive	Vehicle End of Life	R-007-6656785414 (2016)	III	1000	300	665	Yes	-
Crown Metal Packaging	21 Fenmar Drive	Steel food Can Coating	3902-5CYQHJ (2006)	III	1000	300	680	Yes	-
Etobicoke Iron Works	163 Rivalda Road	Wash and curing oven equipment	4311-4UCT8X (2001)	III	1000	300	720	Yes	-
Ingot Metal Company Limited	111 Fenmar Drive	Copper Smelting Facility	0470-9X3K9F (2016)	III	1000	300	605	Yes	-
Knoll North America Corp	1000 Arrow Road	Office furniture Manufacturing	R-010-3112401486 (2020) 3905-9ZRS3V (2016)	III	1000	300	525	Yes	-
Satin Finish Hardwood Flooring	15 Fenmar Drive	Hardwood Flooring Finishing	R-010-7111025615 (2019)	III	1000	300	710	Yes	-

MECP Guideline D-6									
Name	Address	Description	MECP ECA or EASR No. (Date)	Class	Area of Influence	Recommended Separation Distance	Actual Distance	Within Area of Influence?	Within Recommended Setback
Roadside Paving Inc.	125A Toryork Drive	Crushing/Screening Operations	2798-AGAMD2 (2016)	III	1000	300	725	Yes	-
SEJ Environmental	117 Toryork Drive	Municipal Waste Transfer/Processing	A841193 (2002) 0854-524QUQ (2009)	III	1000	300	640	Yes	-
1032048 Ontario Limited	123 Toryork Drive	Automotive Repair	3000-8BRNCA (2020)	I	70	20	720	-	-
1255923 Ontario Limited	141 Toryork Drive	Automotive Repair	2166-5J24PQ (2003)	I	70	20	805	-	-
2698056 Ontario Limited	146 Toryork Drive	Automotive Repair	R-001-7111833349 (2019)	I	70	20	915	-	-
City of Toronto - EMS	50 Toryork Drive	Standby Generator	3817-75WLGB (2007)	I	70	20	180	-	-
Delsol Auto Collision Limited	115 Toryork Drive	Automotive Repair	0100-4GRS1Q (2000)	I	70	20	645	-	-
Direct Energy Marketing Services	30 High Meadow Place	HVAC and Gas-fired Appliances	2544-8JKH5X (2011)	I	70	20	180	-	-
District Collision Centre	107 Toryork Drive	Automotive Repair	7158-6DBSGC (2005)	I	70	20	580	-	-
Finch Car Clinic; Fenmar Auto, Sant Auto, & JK Auto	2420 Finch Avenue West	Automotive Repair	N/A	I	70	20	350	-	-
Hydro One	2150 Finch Avenue West	Transformer Station	6833-863HJD (2010)	I	70	20	535	-	-
Limas Gardens and Construction	116 Toryork Drive	Landscaping Yard-EASR for Waste System	R-004-1507531117 (2015)	I	70	20	650	-	-
Mahaffy Materials Handling	107 Toryork Drive	Paint Booth	1201-5JCRVJ (2003)	I	70	20	580	-	-
Mondial Fine Cars Inc	45 Milvan Drive	Automotive Repair	6674-86GH3X (2013)	I	70	20	740	-	-
Newton Auto Collision	151 Toryork Drive	Automotive Repair	R-001-8591809504 (2016)	I	70	20	940	-	-
North York Accident Support Services Ltd	111 Toryork Drive	Standby Generation, HVAC	3803-7W659J (2009)	I	70	20	605	-	-
Phillips Auto Centre Inc.	20 Milvan Drive	Automotive Repair	R-001-61110541181 (2018)	I	70	20	630	-	-
Pro Auto Repairs & Sales Inc.	20 Milvan Drive	Automotive Repair	R-001-8353076576 (2013)	I	70	20	630	-	-
Progstix Solutions Inc	99 Signet Drive Suite 300	HVAC	0941-7W7HUX (2009)	I	70	20	815	-	-
Purolator Courier Ltd	1100 Arro Road	Standby Generator, HVAC	3238-63WKU9 (2004)	I	70	20	470	-	-
Shell Car Wash	28 Jayzel Drive	Automatic Car Wash	N/A	I	70	20	390	-	-
Stan Vine Construction	2405 Finch Avenue West	Standby Generator	6790-5GFLYX (2002)	I	70	20	145	-	-
Stan Vine Construction	3400 Weston Road	Standby Generator	6125-5GFLNT (2002)	I	70	20	215	-	-
Stone Link Corporation	39 Milvan Drive	Cement Products	4211-95ARZY (2013)	I	70	20	680	-	-
Sumin Auto Ltd.	2400 Finch Avenue West	Automotive Repair	R-001-4111743112 (2019)	I	70	20	220	-	-
Ultramar	2316 Finch Avenue West	Automatic Car Wash	N/A	I	70	20	85	-	-
Vick Automotive	155 Toryork Drive	Automotive Repair	R-001-1517319100 (2015)	I	70	20	980	-	-



Ministry
of the
Environment

Ministère
de
l'Environnement

CERTIFICATE OF APPROVAL
AIR
NUMBER 3045-65SHY8

Toronto Police Service
40 College Street
Toronto, Ontario
M5G 2J3

Site Location: 40 Toryork Dr.
Toronto City,

You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:

one (1) passive landfill gas ventilation system comprising 5 existing and 6 new (11 total) vent pipes that ventilate the former municipal solid waste landfill facility, each discharging into the atmosphere at a volumetric flow rate of 0.0004 cubic metres per second through an opening equipped with a bird screen, having an approximate exit diameter of 0.15 metre, each extending about 2.5 metres above grade;

all in accordance with the Application for a Certificate of Approval (Air), submitted by Toronto Police Services, signed by Enrico Pera, dated June 6, 2004 complete with supporting information prepared by Gartner Lee Limited and a facsimile transmission from Darrin Johnson of Gartner Lee Limited to A. Khaja of the Ontario Ministry of the Environment dated October 13, 2004.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
2300 Yonge St., 12th Floor
P.O. Box 2382
Toronto, Ontario
M4P 1E4

AND

The Director
Section 9, *Environmental Protection Act*
Ministry of Environment and Energy
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

CONTENT COPY OF ORIGINAL

Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 15th day of October, 2004

Neil Parrish, P.Eng.
Director
Section 9, *Environmental Protection Act*

AK/

c: District Manager, MOE Toronto - District
Darrin Johnson, Gartner Lee Limited

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 4852-BFWJ38

Issue Date: February 13, 2020

Gerdau Ameristeel Corporation
1801 Hopkins Street South
Whitby, Ontario
L1N 5T1

Site Location: Gerdau Ameristeel Corporation
55A Fenmar Drive
City of Toronto, Ontario
M9L 1M3

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act , R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

sewage works serving a scrap metal recycling site located on an area of 4.29 hectares, for the collection, transmission, retention and off-site disposal of stormwater runoff and groundwater seepage, consisting of the following;

Stormwater Management Systems**Proposed Works** (to replace the Existing Works)

Storm Sewers:

- storm sewer system collecting contact stormwater from the Site conveying it to retention pond described below;

Retention Pond:

- a retention pond with a total storage capacity of 4,343 cubic meters (m³) that is constructed with a compacted clay liner, complete with inlet pipes (proposed 300 millimeters (mm) diameter and existing 600 mm diameter), an emergency spillway, with the contents to be hauled offsite for disposal at an approved treatment facility. including erosion/sedimentation control measures during construction and all other controls and appurtenances essential for the proper operation of the aforementioned Works;

Existing Works

- one (1) oil and grit separator (Stormceptor - Model STC 1000), discharging to the stormwater management pond described below;
- and one (1) stormwater management wet pond with an approximate permanent pool volume of 518 cubic metres, comprising of a sediment forebay and polishing cell, designed to discharge to the municipal storm sewer along Weston Road, which ultimately outlets to a tributary of the Humber River for the south-east drainage area;
- one (1) oil and grit separator (Stormceptor - Model STC 2000), discharging to a Canadian Pacific Railway open culvert for the south-west drainage area;

all in accordance with the submitted documents listed in **Schedule A** .

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Approval" means this entire document and any schedules attached to it, and the application;
2. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
3. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
5. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
6. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
7. "Owner" means Gerdau Ameristeel Corporation, and its successors and assignees;
8. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
9. "Professional Engineer" means a person entitled to practice as a Professional Engineer in the Province of Ontario under a license issued under the Professional Engineers Act;
10. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
11. "Works" means the sewage works described in the Approval, and includes both Proposed Works and Previous Works.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
- 2.
3. Except as otherwise provided by these conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.
- 4.
5. Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
- 6.
7. Where there is a conflict between the documents listed in the Schedule submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
- 8.
9. The conditions of this Approval are severable. If any condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.
10. The issuance of, and compliance with the conditions of, this Approval does not:
11.
 1. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal

requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority, DFO, MNRF, MNMNDM necessary to construct or operate the Works; or

2. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. EXPIRY OF APPROVAL

This Approval will cease to apply to those parts of the Works which have not been constructed within five (5) years of the date of this Approval.

3. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:
 2.
 1. change of Owner;
 - 2.
 3. change of address of the Owner;
 - 4.
 5. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c.B17 shall be included in the

notification to the District Manager; and

6.

7. change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager.

3. In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.

4.

5. The Owner shall ensure that all communications made pursuant to this condition refer to the environmental compliance approval number.

4. CONSTRUCTION

1. The Owner shall ensure that the construction of the Proposed Works is supervised by a Professional Engineer.

2. Upon construction of the Works, the Owner shall prepare a statement, certified by a Professional Engineer, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry personnel.

3. The Owner shall prepare and make available for inspection by Ministry staff, a complete set of "as constructed" drawings within **three (3) months** of completion of construction of the Proposed Works. These drawings shall be kept up to date through revisions undertaken from time

to time and a copy shall be retained at the Works for the operational life of the Works.

5. OPERATION AND MAINTENANCE

1. The Owner shall prepare an operations manual within **sixty (60) days** of completion of construction of the Proposed Works, that includes, but not necessarily limited to, the following information:
 1. operating procedures for routine operation of the Works;
 2. inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary;
 3. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
 4. procedures for the inspection and calibration of monitoring equipment;
 5. **a Spill Prevention and Contingency Plan** prepared and kept up-to-date, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the Ministry's local office; and
 6. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
2. The Owner shall maintain the operations manual current and retain a copy at the location of the Works for the

operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

3. The Owner shall inspect the Works at least once a year and, if necessary, clean and maintain the Works to prevent the excessive buildup of sediments and/or vegetation.
- 4.
5. The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this Approval.
- 6.
7. The Owner shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at for inspection by the Ministry. The logbook shall include the following:
 1. the name of the Works; and
 2. the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed.
- 8.

Site Specific Condition

6. The Owner shall be responsible for monitoring the water level in the retention pond at a daily frequency during operational hours and taking reasonable efforts to maintain the depth within a normal operating range of 0.5 meters(m) to 1.0 m. Furthermore, the Owner shall ensure that the water level is maintained at or below the 0.5 m depth if significant precipitation is forecasted (i. e. greater than 50 mm over a 48 hour period) to ensure that sufficient flood event storage is available to contain the 100 year, 24 hour storm runoff volume. Specific operational procedures and emergency measures will be included in the Spill Prevention and Contingency Plan.

7. The Owner shall have a valid agreement with a hauler who is in possession of a valid waste management systems approval at all times during the operation of this Works and who will haul sewage to an approved sewage disposal site.

8. The Owner shall, upon commencement of operation of the Works, record quantities and time of sewage being disposed and hauled from the retention pond.

9. The Owner shall not use proposed retention pond as a source of water for on-site dust suppression.

10. The "**Spill Prevention and Contingency Plan**" shall be submitted to the Toronto District Office within **sixty (60) days** of this approval including but not limited to the following details:

- schematic drawing including but not limited to daily monitoring location and spillway location
- daily monitoring program including measuring equipment and recording protocol with log book maintenance on site
- notification to the District Office upon exceedance of the normal operating range
- reactive actions following exceedance of the normal operating range
- monitoring system at spillway location or set of procedures to record the timing of an event from beginning to end where flows were released from the retention pond.

6. TEMPORARY EROSION AND SEDIMENT CONTROL

1. The Owner shall install and maintain temporary sediment and erosion control measures during construction and conduct inspections once every **two (2) weeks** and after

each significant storm event (a significant storm event is defined as a minimum of 25 mm of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are no longer required and at which time they shall be removed and all disturbed areas reinstated properly.

2. The Owner shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. The record shall include the name of the inspector, date of inspection, and the remedial measures, if any, undertaken to maintain the temporary sediment and erosion control measures.

7. REPORTING

1. **One (1) week** prior to the start up of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start up date.
2. In addition to the obligations under Part X of the EPA, the Owner shall, within **10 working days** of the occurrence of any reportable spill as defined in Ontario Regulation 675/98, loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and schedule of implementation.
3. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
4. The Owner shall prepare, and submit to the District Manager, a **Performance Report** for the Works. The first such report shall cover the first annual period following the issuance of this Approval and subsequent reports shall

cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:

1. a description of any operating problems encountered and corrective actions taken;
2. a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works;
3. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
4. a tabulation of the volume of sewage removed from the Works during the reporting period; and
5. any other information the District Manager requires from time to time.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.
- 2.
3. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.
- 4.
5. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to approved Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.

6. Condition 4 is included to ensure that the Works are constructed in accordance with the approval and that record drawings of the Works “as constructed” are maintained for future references.

7. Condition 5 is included to require that the Works be properly operated and maintained such that the environment is protected.

8.

9. Condition 6 is included as installation, regular inspection and maintenance of the temporary sediment and erosion control measures is required to mitigate the impact on the downstream receiving watercourse during construction until they are no longer required.

10. Condition 7 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.

11.

Schedule A

1. Application for Environmental Compliance Approval for Industrial Sewage Works submitted by James Walker, P. Eng. and Tom Grimminck, P. Eng. of Dillon Consulting Ltd., and signed by Paul Graham, Corporate Environmental Manager, Gerdau Ameristeel Corporation, dated October 30, 2018, including design report, final plans and specifications and all supporting documentation and correspondence submitted in support of this application (in addition to the supplementary information memo and updated design drawings and specification submitted by Dillon Consulting Ltd. on May 22, 2019 and November 6, 2019).

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 6561-6KKLT4 issued on March 16, 2006.

In accordance with Section 139 of the Environmental Protection Act, you may by written

Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Director appointed for the purposes of Part II.1 of the Environmental Protection Act
Ministry of the Environment, Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 13th day of
February, 2020

Fariha Pannu, P.Eng.
Director

appointed for the purposes of Part
II.1 of the *Environmental Protection
Act*

SP/

c: District Manager, MECP Toronto District Office
Tom Grimminck, P. Eng., Dillon Consulting Limited



Ministry of the Environment and Climate Change
Operations Division

Confirmation of Registration

Registration Number: R-007-9654427693

Version Number: 001

Date Registration Filed: Sep 28, 2016 10:56:45 AM

Dear Sir/Madam,

GERDAU AMERISTEEL CORPORATION

600-4221 BOY SCOUT
TAMPA FL 33607

You have registered, in accordance with Section 20.21(1)(a) of the *Environmental Protection Act*, the use, operation, establishment, alteration, engorgement or extension of an end-of-life vehicle waste disposal site.

Please note if you answered 'Yes' to question 3.4a, or if you answered 'No' to the questions 3.4b (i), or 3.4c (i) your site may be required to obtain an Environmental Compliance Approval for your air activities in addition to your registration on the Environmental Activity and Sector Registry for your waste operations.

55 FENMAR Drive NORTH YORK ON M9L 1M3

Please note that the end-of-life vehicle waste disposal site is subject to the applicable provisions of O.Reg 245/11 and <activity specific regulation>.

The activity related information provided during the registration process is included as part of the confirmation of registration as schedule 'A'

Dated on Sep 28, 2016

Director
Environmental Approvals Access and Service Integration Branch
Ministry of the Environment and Climate Change
135 St. Clair W, 1st Floor
Toronto ON M4V 1P5

Any questions related to this registration and the Environmental Activity and the Sector Registry should be directed to:

Ministry of the Environment and Climate Change
Customer Service Representative
Environmental Approvals Access and Service Integration Branch
Phone:(416) 314-8001
Toll free: 1-800-461-6290

Schedule 'A'

Part 3 — Activity Information

3.1 Registration Information

(a) Does your site receive end-of-life vehicles? Yes No

(b) Does your site have 10 or more end-of-life vehicles on site at any one time, or receive more than 2 end-of-life vehicles in any one calendar year, and engage in anything other than the removal of parts from end-of-life vehicles for reuse and the collection, handling, transportation, storage and transfer of end-of-life vehicles? Yes No

(c) Does your site engage in anything other than the collection, handling, transportation, storage and/or transfer of end-of-life vehicles, and store or handle any end-of-life vehicle for more than 180 days? Yes No

3.2 End-of-Life Vehicle Site Related Information

(a) Has your site been identified as a significant drinking water threat in a source protection plan prepared under the Clean Water Act, 2006? Yes No

(b) Other than waste generated on the property upon which the end-of-life vehicle waste disposal site is situated, does your site accept or manage any PCB waste, radioactive waste, or treated and/or untreated biomedical waste? Yes No

(c) Does your site accept or manage any asbestos waste, other than components removed from a motor vehicle that contain asbestos (e.g. brake pads)? Yes No

(d) Does your site accept or manage fluids removed from an end-of-life vehicle that were removed off the site? Yes No

3.3 End-of-Life Vehicle Activity Related Information

(a) Are the only wastes managed on site the following: Yes No
-End-of-life vehicles;
-A component removed from an end-of-life vehicle, including fluid-containing components (e.g. internal combustion engine, transmission, radiator) or other wastes removed from an end-of-life vehicle (e.g. tires);
-Metal, or other waste that is primarily metal by weight, that is destined for a site at which the principal purpose of use is not waste management or combustion.

(b) Does your site engage in thermal treatment of waste (e.g. incineration)? Yes No

(b)(i) If yes, is one of the following conditions met?

-An environmental compliance approval has been issued in respect of the thermal treatment site; OR
-The site is a waste-derived fuel site that includes a combustion unit that is used principally for heating the interior of a building or other enclosed space for the comfort of occupants or for the provision of a suitable temperature for materials (including plant or animal life) in the building or enclosed space and is located in the Territorial District of Algoma, Cochrane, Kenora, Manitoulin, Nipissing, Parry Sound, Rainy River, Sudbury, Thunder Bay or Timiskaming. Yes No

(c) Does your site engage in the disposal of waste by depositing it into the land? Yes No

(c)(i) If yes, is the following condition met? Yes No
- An environmental compliance approval has been issued that permits the disposal of the waste.

3.4 End-of-Life Vehicle Equipment Related Information

(a) Does your site use any shredding or rotary shearing/shredding equipment? Yes No

If the answer to this question is yes, you may be required to obtain an Environmental Compliance Approval for your air activities in addition to your registration on the Environmental Activity and Sector Registry for your waste operations.

(b) Does your site engage in any torching or lancing of materials? Yes No

(b)(i) If yes, are the following conditions met?

-The metal cut has a maximum thickness of 250 mm; AND
-A plan is in place to prevent visible emissions from being carried beyond the property upon which the end-of-life vehicle site is situated.

Yes No

If the answer to this question is no, you may be required to obtain an Environmental Compliance Approval for your air activities in addition to your registration on the Environmental Activity and Sector Registry for your waste operations.

(c) Does your site operate crushing equipment?

Yes No

(c)(i) If yes, is one or more of the following conditions met?

-Crushing equipment is located a minimum distance of 250m from the property boundary of the closest noise receptor; OR
-The crushing equipment has a barrier with a minimum density of 20 kg/m² installed that blocks the line of sight between the crushing equipment and the closest noise receptor; OR
-The crushing equipment is not operated for more than 50 days per calendar year.

Yes No

If the answer to this question is no, you may be required to obtain an Environmental Compliance Approval for your air activities in addition to your registration on the Environmental Activity and Sector Registry for your waste operations.



Ministry
of the
Environment

Ministère
de
l'Environnement

PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE
NUMBER 3164-6R9PXX
Issue Date: December 5, 2007

Fenmar Transfer Station and Recycling Inc.
71 Fenmar Drive
Toronto, Ontario
M9L 1M3

Site Location: 71 Fenmar Drive
Toronto City,
M9L 1M3

You have applied in accordance with Section 27 of the Environmental Protection Act for approval of:

a waste disposal site

to be used for the transfer/processing of the following types of waste:

solid non-hazardous waste limited to industrial, commercial, institutional, and construction and demolition waste

Note: Use of the site for any other type of waste is not approved under this Certificate, and requires obtaining a separate approval amending this Certificate.

For the purpose of this Provisional Certificate of Approval and the terms and conditions specified below, the following definitions apply:

1. "Certificate" means this entire *provisional certificate of approval* document, issued in accordance with section 39 of the *EPA*, and includes any schedules to it, the application and the supporting documentation listed in Schedule "A";

"Director" means any *Ministry* employee appointed in writing by the *Minister* pursuant to section 5 of the *EPA* as a Director for the purposes of Part V of the *EPA*;

"District Manager" means the *District Manager* of the local district office of the *Ministry* in which the *Site* is geographically located;

"EPA" means *Environmental Protection Act*, R.S.O. 1990, c. E. 19, as amended;

"Ministry" means the Ontario Ministry of the Environment;

"Operator" means any person, other than the *Owner's* employees, authorized by the *Owner* as having the charge, management or control of any aspect of the site, and includes its successors or assigns;

"Owner" means any person that is responsible for the establishment or operation of the site being approved by this *Certificate*, and includes Fenmar Transfer Station and Recycling Inc., its successors and assigns;

"OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O-40, as amended from time to time;

"PA" means the *Pesticides Act*, R.S.O. 1990, c. P-11, as amend from time to time;

"Provincial Officer" means any person designated in writing by the Minister as a provincial officer pursuant to section 5 of the *OWRA* or section 5 of the *EPA* or section 17 of *PA*.

"Regional Director" means the Regional Director of the local Regional Office of the *Ministry* in which the *Site* is located;

"Reg. 347" means Regulation 347, R.R.O. 1990, made under the *EPA*, as amended from time to time;

"Site" means the entire waste disposal site, located at 71 Fenmar Drive, Toronto, Ontario, approved by this *Certificate*.

"Trained personnel" means knowledgeable in the following through instruction and/or practice:

- a. relevant waste management legislation, regulations and guidelines;
- b. major environmental concerns pertaining to the waste to be handled;
- c. occupational health and safety concerns pertaining to the processes and wastes to be handled;
- d. management procedures including the use and operation of equipment for the processes and wastes to be handled;
- e. emergency response procedures;
- f. specific written procedures for the control of nuisance conditions;
- g. specific written procedures for management of unacceptable waste loads;
- h. the requirements of this *Certificate*.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

GENERAL

Compliance

2. The *Owner* and *Operator* shall ensure compliance with all the conditions of this *Certificate* and shall ensure that any person authorized to carry out work on or operate any aspect of the *Site* is notified of this *Certificate* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
3. Any person authorized to carry out work on or operate any aspect of the *Site* shall comply with the conditions of this *Certificate*.

Build, etc. in Accordance

4. Except as otherwise provided by this *Certificate*, the *Site* shall be designed, developed, built, operated and maintained in accordance with the application for this *Certificate*, dated May 17, 2006, and the supporting documentation listed in Schedule "A".

Interpretation

5. Where there is a conflict between a provision of any document, including the application, referred to in this *Certificate*, and the conditions of this *Certificate*, the conditions in this *Certificate* shall take precedence.
6. Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the *Ministry* approved the amendment.
7. Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.
8. The requirements of this *Certificate* are severable. If any requirement of this *Certificate*, or the application of any requirement of this *Certificate* to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this certificate shall not be affected thereby.

Other Legal Obligations

9. The issuance of, and compliance with the conditions of, this *Certificate* does not:

- a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
- b. limit in any way the authority of the *Ministry* to require certain steps be taken or to require the *Owner* and *Operator* to furnish any further information related to compliance with this *Certificate*.

Adverse Effects

10. The *Owner* and *Operator* shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the *Site*, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

11. Despite an *Owner*, *Operator* or any other person fulfilling any obligations imposed by this certificate the person remains responsible for any contravention of any other condition of this *Certificate* or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect to the natural environment or impairment of water quality.

Change of Owner

12. The *Owner* shall notify the *Director* in writing, and forward a copy of the notification to the *District Manager*, within 30 days of the occurrence of any changes:

- a. the ownership of the *Site*
- b. the *Operator* of the *Site*;
- c. the address of the *Owner* or *Operator*;
- d. the partners, where the *Owner* is or at any time becomes a partnership and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c. B-17 shall be included in the notification; or
- e. the name of the corporation where the *Owner* is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C-39 shall be included in the notification.

13. No portion of this *Site* shall be transferred or encumbered prior to or after closing of the *Site* unless the *Director* is notified in advance and sufficient financial assurance is deposited with the *Ministry* to ensure that these conditions will be carried out. In the event of any change in *Ownership* of the *Site*, other than change to a successor municipality, the *Owner* shall notify the successor of and provide the successor with a copy of this *Certificate*, and the *Owner* shall provide a copy of the notification to the *District Manager* and the *Director*.

Financial Assurance

14. The *Owner* shall submit to the *Director*, within thirty (30) days of the date of issuance of this *Certificate*, Financial Assurance as defined in Section 131 of the *EPA*, in the amount of \$77,366.00. This Financial Assurance shall be in a form and amount acceptable to the *Director* and shall provide sufficient funds to pay for compliance with and performance of any action specified in this *Certificate*, including the site clean-up, monitoring and disposal of all quantities of waste on-site, closure and post-closure care of the *Site* and contingency plans for the *Site*.

15. A written report reviewing the Financial Assurance required by the conditions in this *Certificate* shall be submitted to the *Director* and the *District Manager* by March 31, 2008, and shall be updated and submitted annually on the anniversary date and shall include updates of the discount, interest and inflation rates associated with the requirements for Financial Assurance in this *Certificate* including justifications and sources of the proposed rates.

16. If any Financial Assurance is scheduled to expire or notice is received, indicating Financial Assurance will not be renewed, and satisfactory methods have not been made to replace the Financial Assurance at least 60 days before the Financial Assurance terminates, the Financial Assurance shall forthwith be replaced by cash.

Inspections