March 30, 2025

Project 1507

Durham Furniture Inc.
450 Lambton Street West
Durham, ON N0G 1R0

Re: 2024 NPRI and Written Summary Annual Reporting - Report

The following letter summarizes the review conducted for the 2024 NPRI annual reporting along with the ECA annual written summary.

For the NPRI finishing product usage, recycle, wood and natural gas combustion data were reviewed.

Overall paint / stain / solvent usage in 2024 (approx. 32,000 kg) was slightly lower than 2023 (approx. 35,000 kg) or 2022 (approx. 40,000 kg) which was lower than in 2021 (approx. 65,000 kg).

Thresholds for PM 2.5 and 10, and speciated VOCs were met. No Part 1A met thresholds in 2024 (or 2023 / 2022, Toluene was reported in 2021).

Part 5 Speciated VOCs reported were Isopropyl Alcohol and N Butyl Acetate.

A detailed report is given in Attachment 1 including NPRI and confirmation of submission on Single Windows.

Environmental Compliance Approval (Air and Noise) Number 7758-A8LKAX (November 4, 2016) Condition 5.1 requires that an updated log be kept, ESDM and AAR reports updated no later than June 30 (accurate as of December 31 in the previous year). The sea cans were installed in 2023 that reduced noise impacts.

There were no air or noise changes in 2024 that impacts emissions (new sources, etc.). In accordance with Condition 6, an Annual Written Summary be prepared and submitted by August 31 of each year.

Attachment 2 provides the written summary submitted online, along with the Source Summary and Emission Summary tables.

The updated AAR of November 2023 and ESDM of March 2024 (updated with AERMOD in 22112) is current and remains in Durham's onsite files.

If there are any questions, please do not hesitate to contact the undersigned.

Yours truly,
CCS Engineering Inc.

Jim Anderson, M.Eng., P.Eng.
Principal

JA/JA

Attachments

Single Windows Summary Report
Confirmation of Submission
NPRI Review

Government of Canada Gouvernement du Canada

National Pollutant Release Inventory

Summary Report

General Information

NPRI ID

5897

Company Legal Name

Durham Furniture Inc.

Facility Name

Durham Plant

Facility Address

450 Lambton Street West, Durham, Ontario, N0G 1R0, Canada

Report Details

Report Year

2024

Programs

NPRI

Report Types

NPRI Inventory

Report Status

Submitted

Substances

CAS RN	Substance Name	Releases	Disposals	Recycling	Unit
N/A	Speciated VOCs (62 substances)	3.066			tonnes
NA - M09	PM10 - Particulate Matter <= 10 Micrometers	1.743			tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	1.5031			tonnes
NA - M16	Volatile Organic Compounds (total)	6.48			tonnes

Version: 4.1.24.3077-009

Jim Anderson

From: SGU / SWS (ECCC) <sgu-sws@ec.gc.ca> on behalf of Inrp / Npri (ECCC) <inrp-npri@ec.gc.ca>
Sent: March 23, 2025 12:43 PM
To: Jim Anderson
Subject: INRP - Confirmation de soumission - [2024] / NPRI – Confirmation of Submission – [2024]

[X] [X]
Confirmation de soumission

Confirmation of Submission

Jim Anderson, Jim Anderson,
Le but de ce courriel est de vous informer que la déclaration suivante a été soumise avec succès dans le Guichet unique d'Environnement Canada: The purpose of this email is to notify you that the following report has been successfully submitted into Environment Canada's Single Window reporting system:

Période de déclaration: 2024
Programme: INRP
INRP ID: 5897
Type de déclaration(s): Inventaire
Nom de la compagnie: Durham Furniture Inc.
Nom de l'installation: Durham Plant
Adresse de l'installation: 450 Lambton Rue Ouest, Durham, Ontario, N0G 1R0, Canada Date et temps de soumission: 3/23/2025 12:42:01 PM

Reporting Period: 2024
Program: NPRI
NPRI ID: 5897
Report Type(s): Inventory
Company Name: Durham Furniture Inc.
Facility Name: Durham Plant
Facility location: 450 Lambton Street West, Durham, Ontario, N0G 1R0, Canada Submitted Date and Time: 3/23/2025 12:42:01 PM

Pour visualiser ou mettre à jour la déclaration, veuillez vous connecter au Guichet unique d'Environnement Canada (https://ec.ss.ec.gc.ca). To view or update the report, please log in to Environment Canada's Single Window (https://ec.ss.ec.gc.ca).
Soumissionnaire: Jim Anderson
Signataire d’attestation: Luke Simpson Submitter: Jim Anderson Certifying official: Luke Simpson

Durham Furniture Inc. (Durham)	
NPRI	2024

SITE DETAILS			
Company	Durham Furniture Inc.	Parent Company	N/A
Site Name	Durham Facility	% Ownership	
Address	450 Lambton Street W Durham ON N0G 1RO Canada	Address	
Latitude	44.105	D&B D-U-N-S No.	
Longitude	-80.492	Federal Business No.	
UTM Zone	17		
UTM Easting	514033.7		
UTM Northing	4891412.3		
NPRI ID	5897		
MOE ID	291700		
D&B D-U-N-S No.	24-923-8981		
Federal Business No.	132743337		
NAICS Code (6 digits)	337123		
CDN SIC (4 digits)	2611		
US SIC (4 digits)	2511		

CONTACT INFORMATION			
Project Coordinator	Luke Simpson	Technical Contact	Jacqui Davidson
Position	President and CEO	Position	Health and Safety Supervisor
Address	450 Lambton Street W Durham ON N0G 1RO Canada	Address	450 Lambton Street W Durham ON N0G 1RO Canada
Phone	519-369-2345 x 2246	Phone	519-369-2607 x2290
Fax	519-369-2715	Fax	519-369-2715
Email	lsimpson@durhamfurniture.com	Email	jdavidson@durhamfurniture.com
Public Contact	Luke Simpson	Certifying Contact	Luke Simpson
Position	President and CEO	Position	President and CEO
Address	450 Lambton Street W Durham ON N0G 1RO Canada	Address	450 Lambton Street W Durham ON N0G 1RO Canada
Phone	519-369-2345 x 2246	Phone	519-369-2345 x 2246
Fax	519-369-2715	Fax	519-369-2715
Email	lsimpson@durhamfurniture.com	Email	lsimpson@durhamfurniture.com
Contractor	Jim Anderson		
Position	Principal		
Company	CCS Engineering Inc.		
Address	69 Lawrence Street Wellesley ON N0B 2T0 Canada		
Phone	519 504 7241		
Fax	226 646 1113		
Email	jim@ccseng.ca		

TYPICAL FACILITY OPERATION IN REPORTING YEAR			
Days of Operation	☑ Monday ☑ Tuesday ☑ Wednesday ☑ Thursday ☑ Friday ☐ Saturday ☐ Sunday		
Hours of Operation	☐ 24 hr ☐ 16 hr ☑ 8 hr ☐ Other	Start Time:	6:00
		If other, total number of daily hours:	
Shutdowns > 1 week (incl. start/end date)	July 22 - August 2, 2024		
No. of Employees	162		

Production

Month	Possible Production Days	Monthly Percentage	Quarterly Percentage
January	22	8.943%	25.2%
February	19	7.724%	
March	21	8.537%	
April	21	8.537%	25.6%
May	21	8.537%	
June	21	8.537%	
July	18	7.317%	23.6%
August	19	7.724%	
September	21	8.537%	
October	22	8.943%	25.6%
November	20	8.130%	
December	21	8.537%	
Total	246	100.000%	

Part 1B: Other Substances

Nothing to report.

Part 2: Polycyclic Aromatic Hydrocarbons

Nothing to report.

Part 3: Hexachlorobenzene and Dioxins / Furans

Nothing to report.

Part 4: Criteria Air Contaminants

Report:

CAS	Substance Name	2024 Releases (tonnes)	2023 Releases (tonnes)	2022 Releases (tonnes)	2021 Releases (tonnes)	2020 Releases (tonnes)	2019 Releases (tonnes)	2018 Releases (tonnes)	2017 Releases (tonnes)	2016 Releases (tonnes)	2015 Releases (tonnes)	2014 Releases (tonnes)	2013 Releases (tonnes)	% Change in Releases	Emission Basis
-	PM-2.5	1.5031	1.7487	1.5114	1.80399722	1.4361	1.9217	2.1081	2.1824	1.6589	1.5346	1.4433	1.663	-14.0%	EF
-	PM-10	1.7438	2.0291	1.7533	2.09279119	1.6657	2.2304	2.4263	2.5322	1.9243	1.7800	1.6735	1.929	-14.1%	EF
-	VOCs	6.4805	7.9300	9.8961	25.7232281	19.4999	14.0814	12.0832	37.7971	24.1614	19.7434	30.1880	41.554	-18.3%	C-MB

Part 5: Speciated Volatile Organic Compounds

CAS	Substance Name	2024 Emissions (tonnes)	2023 Emissions (tonnes)	2022 Emissions (tonnes)	2021 Emissions (tonnes)	2020 Emissions (tonnes)	2019 Emissions (tonnes)	2018 Emissions (tonnes)	2017 Emissions (tonnes)	2016 Emissions (tonnes)	2015 Emissions (tonnes)	2014 Emissions (tonnes)	2013 Emissions (tonnes)	% Change in Releases	
64-17-5	Ethyl Alcohol	0.9588	1.3719	1.8639	3.91595	3.5546	2.2402	2.6660	5.9566	4.4089	5.74293701	5.3977	7.054	-30.1%	
67-63-0	Isopropanol	1.0182	1.1842	1.1114	0.83624	0.6935	0.4091	0.4463	1.1304	0.7477	1.00087092	--	--	-14.0%	MOECP required exit in 20
123-86-4	N-Butyl Acetate	2.0488	2.2690	2.5271	3.85448	3.5397	2.5450	2.3620	6.3113	3.7272	5.76893289	5.9723	9.199	-9.7%	
1330-20-7	Xylenes	0.7215	0.7990	1.1234	2.23925	1.8025	0.8614	0.8249	1.8929	1.2283	1.30005871	1.5437	1.922	-9.7%	Exit for 2018
	Total Speciated VOCs:	4.4196	5.6860	7.2128	15.46316	11.9922	8.1601	8.6456	24.5820	14.7006	20.9928627	21.1146	32.793941	-22.3%	

Part 1A: Substances

Wood Combustion

			2023	2022
Amount of wood Burned:	1323895.2	lb/yr	1542104	1330410
	601,771	kg/yr		
For dry wood:	8,000	btu/lb		
	17,636.68	btu/kg		
Total Btu:	10,613.24	MMBtu/yr		

Organic Compound	CAS	Emission Factor (lb/MMBtu)	Emission Rate (kg)
Acetaldehyde	75-07-0	8.30E-04	4.0
Acrolein	107-02-8	4.00E-03	19.3
Benzene	71-43-2	4.20E-03	20.2
Chlorine	7782-50-5	7.90E-04	3.8
Formaldehyde	50-00-0	4.40E-03	21.2
Styrene	100-42-5	1.90E-03	9.1
Toluene	108-88-3	9.20E-04	4.4
Xylene	1330-20-7	2.50E-05	0.1
Chromium	*	2.10E-05	0.1
Silver	*	1.70E-03	8.2
Zinc	*	4.20E-04	2.0

* and its compounds

Product Usage

Contaminant	CAS	MPO (Axalta) (kg)	MPO (RPM) (kg)	MPO (Wood) (kg)	Total MPO (kg)	Threshold (kg)	Report (Y/N)	Recycled (kg)	Emitted to Air (kg)
Manganese (and its compounds)	--					10,000	No		
Chromium (and its compounds)	--			0.10	0.1	10,000	No		0.10
Silver	--			8.18	8.2	10,000	No		8.18
Zinc	--			2.02	2.0	10,000	No		2.02
Cobalt (and its compounds)	--					10,000	No		
Formaldehyde	50-00-0			21.182	21.2	10,000	No		21.18
Methyl Alcohol	67-56-1	1362.800			1,362.8	10,000	No	1389.603	-26.80
Isopropyl Alcohol	67-63-0	3054.710	88.305		3,143.0	10,000	No	2124.767	1,018.25
N-Butyl Alcohol	71-36-3		51.332		51.3	10,000	No	34.702	16.63
Benzene	71-43-2		0.014	20.219	20.2	10,000	No	0.009	20.22
Acetaldehyde	75-07-0			4.00	4.0	10,000	No		4.00
Isobutyl Alcohol	78-83-1	1529.550	0.041		1,529.6	10,000	No	1034.047	495.54
Methyl Ethyl Ketone	78-93-3	1127.530	13.782		1,141.3	10,000	No	1261.159	-119.85
Naphthalene	91-20-3	32.460			32.5	10,000	No	21.944	10.52
O-Xylene	95-47-6		2.705		2.7	10,000	No		2.70
1,2,4-Trimethylbenzene	95-63-6	103.380	0.550		103.9	10,000	No	70.260	33.67
Cumene	98-82-8					10,000	No		
Ethylbenzene	100-41-4	409.980	2.205		412.2	10,000	No	278.648	133.54
Styrene	100-42-5			9.15	9.1	10,000	No		9.15
P-Xylene	106-42-3		2.282		2.3	10,000	No		2.28
Acrolein	107-02-8			19.26	19.3	10,000	No		19.26
Ethylene Glycol	107-21-1					10,000	No		
Vinyl Acetate	108-05-4					10,000	No		
Methyl Isobutyl Ketone	108-10-1	603.780	0.277		604.1	10,000	No	408.360	195.70
M-Xylene	108-38-3		6.005		6.0	10,000	No		6.00
Toluene	108-88-3	5505.480	63.805	4.429	5,573.7	10,000	No	5,808.53	-234.82
Cyclohexane	110-82-7					10,000	No		
Ethylene Glycol Monobutyl Ether	111-76-2	722.410			722.4	10,000	No	488.370	234.04
Diethylene Glycol Monomethyl Ether	111-77-3					10,000	No		
Hydroquinone	123-31-9					10,000	No		
1,4 - Dioxane	123-91-1					10,000	No		
Butylated Hydroxy Toluene	128-37-0					10,000	No		
N-Methylpyrrolidone	872-50-4					10,000	No		
Xylene	1330-20-7	2215.800		0.120	2,215.9	10,000	No	1505.374	710.55
Aluminium Oxide	1344-28-1					10,000	No		
Nitric Acid Sodium Salt	7631-99-4					10,000	No		
Phosphoric Acid	7664-38-2					10,000	No		
Ammonia	7664-41-7					10,000	No		
Sulfuric Acid	7664-93-9					10,000	No		
Chlorine	7782-50-5			3.803	3.8	10,000	No		3.80

2,565.87

Part 1B: Other Substances

Amount of wood Burned:	601,770.55	kg/yr
For dry wood:	8,000	btu/lb
	17,636.68	btu/kg
Total Btu:	10,613.24	MMBtu/yr

Organic Compound	Emission Factor (lb/MMBtu)	Emission Rate (kg)	Threshold (kg)	Report?
Arsenic	2.20E-05	0.1	50	No
Cadmium	4.10E-06	0.0	5	No
Hexavalent Chromium	3.50E-06	0.0	50	No
Lead	4.80E-05	0.2	50	No
Mercury	3.50E-06	0.0	5	No
Selenium	2.80E-06	0.0	100	No
Tetraethyl lead	n/a	-	50	No

Product Usage

Contaminant	CAS	MPO (Axalta) (kg)	MPO (RPM) (kg)	Total MPO (kg)	Threshold (kg)	Report (Y/N)
Nonylphenol, Branched, Ethoxylated	68412-54-4	0.00	0.000	0.000	1000	No

Part 2: Polycyclic Aromatic Hydrocarbons

Amount of wood burned:	601,770.55	kg/yr
For dry wood:	8,000	btu/lb
	17,636.68	btu/kg
Total Btu:	10,613.24	MMBtu/yr

CAS	Organic Compound	Emission Factor (lb/MMBtu)	Emission Rate (kg)	Threshold (kg)	Report?
129-00-0	Pyrene	3.70E-06	1.78E-02	5	No
85-01-8	Phenathrene	7.00E-06	3.37E-02	5	No
198-55-0	Perylene	5.20E-10	2.50E-06	5	No
50-32-8	Benzo(a)pyrene	2.60E-06	1.25E-02	5	No
53-70-3	Dibenzo(a,h)anthracene	9.10E-09	4.38E-05	5	No
56-55-3	Benzo(a)anthracene	6.50E-08	3.13E-04	5	No
83-32-9	Acenaphthene	9.10E-07	4.38E-03	5	No
86-73-7	Fluorene	3.40E-06	1.64E-02	5	No
191-24-2	Benzo(g,h,i)perylene	9.30E-08	4.48E-04	5	No
192-97-2	Benzo(e)pyrene	2.60E-09	1.25E-05	5	No
193-39-5	Indeno(1,2,3-c,d)pyrene	8.70E-08	4.19E-04	5	No
205-99-2	Benzo(b)fluoranthene	1.00E-07	4.81E-04	5	No
206-44-0	Fluoranthene	1.60E-06	7.70E-03	5	No
207-08-9	Benzo(k)fluoranthene	3.60E-08	1.73E-04	5	No
208-96-8	Acenaphthylene	5.00E-06	2.41E-02	5	No
	PAHs Total		**1.18E-01**	**50**	**No**

Part 3: Hexachlorobenzene and Dioxins / Furans

Nothing to Report

Part 4: Criteria Air Contaminants

Wood Boiler:

Amount of wood burned:	601,771	kg/yr
For dry wood:	8,000	btu/lb
	17,636.68	btu/kg
Total Btu:	10,613.24	MMBtu/yr

CAS	Substance	Emission Factor (lb/MMBtu)	Emissions from Wood (kg)
630-08-0	Carbon Monoxide	0.6	2,888
11104-93-1	Nitrogen Oxides	0.49	2,359
--	PM-2.5	0.31	1,492
--	PM-10	0.36	1,733
7446-09-5	Sulphur Dioxide	0.025	120
--	Total PM-100	0.4	1,926
--	VOCs	0.017	82
	Carbon Dioxide	195	938,762

From Stains and Lacquers:

CAS	Substance	MPO from Paints (kg)	Recycled (kg)	Emissions from Paints (kg)
--	PM-2.5	0.00	0.00	0.00
--	PM-10	0.00	0.00	0.00
--	Total PM-100	26	26	0
--	VOCs	32,917	26,549	6,368

Non-VOCs Used (kg)	26

*based on non-VOCs with 50% overspray and 99% capture

Natural Gas Usage:

Natural Gas Used: 352,053.00 m^3

CAS	Substance	Emission Factor ($lb/10^6$ scf)	Emission Factor ($kg/10^6m^3$)	Emissions from Nat Gas (kg)
630-08-0	Carbon Monoxide	84	1344	473.16
10102-43-9	Nitrogen Oxides	100	1600	563.28
--	PM-2.5	1.9	30	10.70
--	PM-10	1.9	30	10.70
7446-09-5	Sulphur Dioxide	0.6	10	3.38
--	Total PM-100	1.9	30	10.70
--	VOCs	5.5	88	30.98

Substance	HHV [1]	EF [2]	(tonnes/yr)	Limit 10,000
Carbon Dioxide	0.03832	49.03	661.4476	

Total:

CAS	Substance	Total Emissions (tonnes)	Threshold (tonnes)	Report?
630-08-0	Carbon Monoxide	3.362	20	No
10102-43-9	Nitrogen Oxides	2.922	20	No
--	PM-2.5	1.503	0.3	Yes
--	PM-10	1.744	0.5	Yes
7446-09-5	Sulphur Dioxide	0.124	20	No
--	Total PM-100	1.936	20	No
--	VOCs	6.480	10	No
	CO2	1600.210	10000	No

Part 5: Speciated Volatile Organic Compounds

Part 5 substances if they were released to the air in a quantity equal to or greater than 1 tonne.

Part 4 VOC Quantity = 6.5

CAS	VOC	MPO (Axalta) (kg)	% of Axalta Use	Amt Recycled (kg)	MPO (RPM) (kg)	% of RPM Use	Amt Recycled (kg)	MPO (Comet) (kg)	Wood (kg)	Recycled VOC from Paints (kg)	Recycled VOC from Cleaners (kg)	Total Recycled VOC (kg)	Total Speciated VOCs Emitted (kg)	Threshold (kg)	Report?
50-00-0	Formaldehyde								21.18				21.18	1000	No
57-55-6	Propylene Glycol	2.770	0.00009	1.873	4.44	0.00271	2.999			4.87		4.87	2.33	n/a	No
64-17-5	Ethyl Alcohol	2617.930	0.084	1769.795	341.60	0.21	230.934			2,000.73		2,000.73	958.81	1000	No
64-19-7	Acetic Acid													n/a	No
67-56-1	Methyl Alcohol	1362.800	0.044	921.292						921.29	468.31	1,389.60	-26.80	1000	No
67-63-0	Isopropyl Alcohol	3054.710	0.099	2065.071	88.30	0.05	59.696			2,124.77		2,124.77	1,018.25	1000	Yes
71-36-3	N-Butanol				51.33	0.031	34.702			34.70		34.70	16.63	n/a	No
71-43-2	Benzene				0.01	0.00001	0.009		20.22	0.01		0.009	20.22	1000	No
78-83-1	Isobutanol	1529.550	0.049	1034.019	0.04	0.00002	0.028			1,034.05		1,034.05	495.54	n/a	No
78-93-3	Methyl Ethyl Ketone	1127.530	0.036	762.242	13.78	0.01	9.317			771.56	489.60	1,261.16	-119.85	1000	No
91-20-3	Naphthalene	32.460	0.0010	21.944						21.94		21.94	10.52	n/a	No
95-63-6	1,2,4-Trimethylbenzene	103.380	0.003	69.888	0.55	0.000336	0.3718			70.26		70.26	33.67	1000	No
96-29-7	2-Butanone Oxime				1.60	0.0010	1.082			1.08		1.08	0.52	n/a	No
97-64-3	Ethyl Lactate													n/a	No
97-85-8	Isobutyl Isobutyrate													n/a	No
97-99-4	Tetrahydrofurfuryl Alcohol													n/a	No
98-82-8	Cumene													n/a	No
100-41-4	Ethyl Benzene	409.980	0.013	277.158	2.20	0.001	1.490			278.65		278.65	133.54	n/a	No
107-21-1	Ethylene Glycol													n/a	No
107-98-2	Propylene Glycol Methyl Ether	44.500	0.001	30.083	39.23	0.02	26.522			56.61		56.61	27.13	n/a	No
108-05-4	Vinyl Acetate													1000	No
108-10-1	Methyl Isobutyl Ketone	603.780	0.019	408.172	0.28	0.00	0.187			408.36		408.36	195.70	1000	No
108-65-6	Propylene Glycol M.E. Acetate	167.680	0.005	113.356	72.06	0.04	48.717			162.07		162.07	77.67	1000	No
108-83-8	2,6-Dimethylheptan-4-One													n/a	No
108-82-7	2,6-DIMETHYL-4-HEPTANOL													n/a	No
108-88-3	Toluene	5505.480	0.178	3721.861	63.80	0.039	43.134		4.43	3,764.99	2,043.54	5,808.53	-234.82	1000	No
110-19-0	Isobutyl Acetate				131.18	0.08	88.683			88.68		88.68	42.50	n/a	No
111-65-9	Octane													1000	No
111-76-2	Ethylene Glycol Butyl Ether	722.410	0.0233	488.370						488.37		488.37	234.04	1000	No
111-77-3	Diethylene G. Monomethyl Ether													n/a	No
111-84-2	Nonane				0.06	0.000	0.040			0.04		0.04	0.02	1000	No
112-34-5	Diethylene G.Monobutyl Ether													1000	No
123-86-4	N-Butyl Acetate	7222.010	0.233	4882.284	153.28	0.09	103.623			4,985.91	340.59	5,326.49	2,048.80	1000	Yes
141-78-6	Ethyl Acetate	665.810	0.021	450.106						450.11	489.60	939.71	-273.90	1000	No
142-82-5	Heptane													1000	No
763-69-9	Ethyl-3-Ethoxy Propionate	120.760	0.004	81.637						81.64		81.64	39.12	n/a	No
1309-48-4	Magnesia													n/a	No
95-47-6	o-xylene				2.70	0.002	1.828			1.83		1.83	0.88	n/a	No
106-42-3	p-xylene				2.28	0.001	1.543			1.54		1.54	0.74	n/a	No
108-38-3	m-xylene				6.00	0.004	4.059			4.06		4.06	1.95	n/a	No
1330-20-7	Total Xylene*	2215.800	0.072	1497.944	10.99	0.01	7.430		0.12	1,505.37		1,505.37	721.54	1000	No
1569-02-4	1-Ethoxy-2-Propanol	13.750	0.000	9.295	2.89	0.002	1.951			11.25		11.25	5.39	n/a	No
2517-43-3	3-Methoxy-1-Butanol													n/a	No
7397-62-8	Hydroxyacetic Acid N-butyl Ester													n/a	No
7727-43-7	Barium Sulphate													n/a	No
8008-20-6	Kerosene													n/a	No
8032-32-4	Mineral Spirits													1000	No
8052-41-3	Mineral Spirits	66.410	0.002	44.895				161.00		44.90	128.80	173.70	53.71	1000	No
872-50-4	N-Methylpyrrolidone													n/a	No
19089-47-5	2-Ethoxy-1-Propanol													n/a	No
19549-80-5	4,6-Dimethylheptane-2-one													n/a	No
25551-13-7	Trimethyl Benzene													1000	No
34590-94-8	dipropylene glycol monomethyl ether													n/a	No
64741-65-7	Naphtha Petr,Heavy Alkylate													1000	No
64742-47-8	Hydrotreated Kerosene	22.150	0.001	14.974	24.03	0.01	16.246	161.00		31.22	128.80	160.02	47.16	1000	No
64742-48-9	Petroleum Distillate	1423.480	0.046	962.313						962.31		962.31	461.17	1000	No
64742-49-0	Naphtha Petr,Hydrotreated,Ligh				86.34	0.05	58.369			58.37		58.37	27.97	n/a	No
64742-82-1	Naphtha (Petroleum), Hydrodesulphurized Heavy													n/a	No
64742-88-7	Aliphatic Petroleum Distillate	119.220	0.004	80.596	8.35	0.01	5.648			86.24		86.24	41.33	1000	No
64742-89-8	Aliphatic Naphtha	41.340	0.001	27.947						27.95	425.74	453.68	-412.34	1000	No
64742-94-5	Aromatic Petroleum Solvent	413.730	0.013	279.693						279.69		279.69	134.04	1000	No
64742-95-6	Aromatic Naphtha	1374.380	0.044	929.120	502.69	0.31	339.833			1,268.95		1,268.95	608.12	1000	No
70657-70-4	2-Methoxy-1-Acetoxy Propane													n/a	No

Total (kg)	**30,984**	**1.000**	**20,945.930**	**1,599**	**0.976**	**1,081.012**	**322**	**45.95**	**22,026.94**	**4,514.97**	**26,549.34**	**6,412.46**	
Non-VOCs (Solids)			**0.000**			**26.089**			**26.09**				

* Includes o-xylene, p-xylene & m-xylene

22,034.37

Recycling

				2023	2022	2021
Waste Sent Offsite as 212H:	29520	L		29315	38520	45715
Assume Specific Gravity of:	0.9					
Waste Sent Offsite as 212H:	26568	kg				
Amount of Thinners recycled from cleaning:	4515.0	kg	1.304878049			
Amount of Product recycled from remainder:	22053.0	kg				

Per facility staff, 80-90% (assumed to be 85%) of the amounts recycled are from the cleaning operations. The remainder is from a mixture of the glazes, lacquers, etc. that are in use.

Thinners used for cleaning (and in production) which are recycled are:	% used for mixing	% used for cleaning
390-7001 E-Z Thinner from Valspar	30%	70%
FM0008 Mineral Spirits from Comet Chemical	20%	80%

Recycled product sent to:
Maratek

390-7001

E-Z THINNER	Chemical Name	CAS Number	MPO (kg)	% Sent for recycling	Recycled (kg)	Emitted (kg)	NPRI Part
	BUTYL ACETATE	123-86-4	486.55	70%	340.6	145.97	5, VOC
	ETHYL ACETATE	141-78-6	699.43	70%	489.6	209.83	5, VOC
	124 tmb	95-63-6	0.00	70%	0.0	0.00	1A, 5, VOC
	METHYL ALCOHOL	67-56-1	669.02	70%	468.3	200.70	1A, 5, VOC
	METHYL ETHYL KETONE	78-93-3	699.43	70%	489.6	209.83	1A, 5, VOC
	NAPHTHA	64742-89-8	608.19	70%	425.7	182.46	5, VOC
	TOLUENE	108-88-3	2,919.34	70%	2043.5	875.80	1A, 5, VOC
	Item Total		6,081.96	70%	4257.3692	1824.5868	

COMET

Mineral Spirits	Chemical Name	CAS Number	MPO (kg)	% Sent for recycling	Recycled (kg)	Emitted (kg)	NPRI Part
	Petroleum Distillate	64742-47-8	161.00	80%	128.8	32.20	5, VOC
	Stoddard Solvent	8052-41-3	161.00	80%	128.8	32.20	5, VOC
	Item Total		322.00	80%	257.6	64.4	

Total VOCs Recycled: 4514.9692

Axalta NPRI Summary Report for Canadian Customers

Customer Name	DURHAM FURNITURE INC	**Customer Number**	
Transaction Date From:	January 1, 2024	**Transaction Date To:**	December 31, 2024

Chemical Name	CAS Number	NPRI Kilos	Ont Reg 127 Only Kilos	VOC Kilos	Non VOC	Part
1,2,4-TRIMETHYLBENZENE	95-63-6	103.38	0	103.38	0	Part 1A & Part 5
ETHYLBENZENE	100-41-4	409.98	0	409.98	0	Part 1A
2-ETHYL HEXYL ALCOHOL	104-76-7		0	0		--
ETHYLENE GLYCOL	107-21-1		0	0	0	Part 1A
PROPYLENE GLYCOL MONO METHYL ETHER	107-98-2	44.5	0	44.5	0	--
VINYL ACETATE	108-05-4		0	0	0	Part 1A & Part 5
METHYL ISOBUTYL KETONE	108-10-1	603.78	0	603.78	0	Part 1A & Part 5
PROPYLENEGLYCOL MONOMETHYL ETHER	108-65-6	167.68	0	167.68	0	Part 5
TOLUENE	108-88-3	5505.48	0	5505.48	0	Part 1A & Part 5
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	722.41	0	722.41	0	Part 1A & Part 5
DIETHYLENE GLYCOL MONOMETHYL ETHER	111-77-3		0	0	0	Part 1A
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5		0	0	0	Part 5
HYDROQUINONE	123-31-9		0	0	0	Part 1A
BUTYL ACETATE	123-86-4	7222.01	0	7222.01	0	Part 5
1,4-DIOXANE	123-91-1		0	0		Part 1A
BURNT UMBER PIGMENT	12713-03-0		0	0	0	--
BUTYLATED HYDROXY TOLUENE	128-37-0		0	0		Part 1A
IRON OXIDE	1309-37-1		0	0	0	--
MANGANESE OXIDE	1313-13-9		0	0	0	Part 1A
MANGANESE OXIDE	1317-34-6		0	0	0	Part 1A
XYLENE	1330-20-7	2215.8	0	2215.8	0	Part 1A & Part 5
COBALT OCTOATE	136-52-7		0	0	0	Part 1A
ETHYL ACETATE	141-78-6	665.81	0	665.81	0	Part 5
HEPTANE	142-82-5		0	0	0	Part 5
C.I. PIGMENT BLUE 15	147-14-8		0	0	0	--
ETHOXYPROPANOL	1569-02-4	13.75	0	13.75	0	--
DIPROPYLENE GLYCOL	25265-71-8		0	0	0	--
ISOBUTYRIC ACID MONO ESTER	25265-77-4		0	0	0	--
NEODECANOIC ACID, MANGANESE SALT	27253-32-3		0	0	0	Part 1A
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8		0	0	0	--
BIOCIDE DISPERSION	35691-65-7		0	0	0	--
FORMALDEHYDE	50-00-0		0	0	0	Part 1A & Part 5
4,4-DIMETHYL-1-OXA-3-AZACYCLOPENTANE	51200-87-4		0	0	0	--
BLACK PIGMENT	5610-64-0		0	0	0	--
PROPYLENE GLYCOL	57-55-6	2.77	0	2.77	0	--
ETHANOL	64-17-5	2617.93	0	2617.93	0	Part 5
ACETIC ACID	64-19-7		0	0	0	--
MINERAL SPIRITS	64742-47-8	22.15	0	22.15	0	Part 5
NAPHTHA	64742-48-9	1423.48	0	1423.48	0	Part 5
NAPHTHA (PETROLEUM), HYDRODESULFURIZED	64742-82-1		0	0	0	--
NAPHTHA	64742-88-7	119.22	0	119.22	0	Part 5
NAPHTHA	64742-89-8	41.34	0	41.34	0	Part 5
AROMATIC NAPHTHA, HEAVY	64742-94-5	413.73	0	413.73	0	Part 5
AROMATIC NAPHTHA, LIGHT	64742-95-6	1374.38	0	1374.38	0	Part 5
CLAY	66402-68-4		0	0	0	--
METHYL ALCOHOL	67-56-1	1362.8	0	1362.8	0	Part 1A & Part 5
ISOPROPYL ALCOHOL	67-63-0	3054.71	0	3054.71	0	Part 1A & Part 5
ACETONE - EXEMPT SOLVENT	67-64-1		0	0	0	2B
NONYLPHENOL, BRANCHED, ETHOXYLATED	68412-54-4		0	0	0	Part 1B
2-METHOXY-1-ACETOXY PROPANE	70657-70-4		0	0	0	--
C.I. ACID YELLOW 220	70851-34-2		0	0	0	--
N-BUTYL ALCOHOL	71-36-3		0	0	0	Part 1A
BENZENE	71-43-2		0	0	0	Part 1A & Part 5
ETHYL 3-ETHOXYPROPIONATE	763-69-9	120.76	0	120.76	0	--
PHOSPHORIC ACID	7664-38-2		0	0	0	Part 1A
AMMONIA	7664-41-7		0	0	0	Part 1A
ISOBUTYL ALCOHOL	78-83-1	1529.55	0	1529.55	0	Part 1A
METHYL ETHYL KETONE	78-93-3	1127.53	0	1127.53	0	Part 1A & Part 5
KEROSENE	8008-20-6		0	0		--
MINERAL SPIRITS	8032-32-4		0	0	0	Part 5
STODDARD SOLVENT	8052-41-3	66.41	0	66.41	0	Part 5
N-METHYLPYRROLIDONE	872-50-4		0	0		Part 1A
NAPHTHALENE	91-20-3	32.46	0	32.46	0	Part 1A
2-BUTANONE OXIME	96-29-7		0	0	0	--
ISOBUTYL ISOBUTYRATE	97-85-8		0	0	0	--
CUMENE	98-82-8		0	0	0	Part 1A
FRAGRANCE	UNKNOWN		0	0	0	--
TOTAL		**30,983.80**	**0.00**	**30,983.80**	**0.00**	

RPM Wood Finishes Group

Customer Specific Chemical Summary Report
2024 data

Customer: Durham Furniture

Reportable Chemicals Summary:

CAS #	Chemical Name			Lbs Emission	kg Emission	Canada_NPRI	Canada_ON_127	Canada_ON_Voc	Voc (kg)	Non Voc (kg)	Non Voc (kg)
50-00-0	formaldehyde			0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57-55-6	propylene glycol			9.76	4.44	0.00	0.00	4.44	4.44	0.00	0.00
64-17-5	ethanol		Part 5	751.53	341.60	0.00	0.00	341.60	341.60	0.00	0.00
67-56-1	methanol			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67-63-0	isopropanol	Part 1A	Part 5	194.27	88.30	88.30	88.30	88.30	88.30	0.00	0.00
67-64-1	acetone	Table 2B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
71-36-3	butanol	Part 1A		112.93	51.33	51.33	51.33	51.33	51.33	0.00	0.00
71-43-2	benzene	Part 1A	Part 5	0.03	0.01	0.01	0.01	0.01	0.01	0.00	0.00
78-93-3	mek		Part 5	30.32	13.78		13.78	13.78	13.78	0.00	0.00
78-83-1	isobutanol	Part 1A		0.09	0.04	0.04	0.04	0.04	0.04	0.00	0.00
95-47-6	o-xylene	Part 1A	Part 5	5.95	2.70	2.70	0.00	2.70	2.70	0.00	0.00
95-63-6	tmb			1.21	0.55	0.55		0.55	0.55	0.00	0.00
96-29-7	methyl ethyl ketoxime			3.52	1.60	1.60	0.00	1.60	1.60	0.00	0.00
97-64-3	Ethyl Lactate			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100-41-4	ethylbenzene	Part 1A		4.85	2.20	2.20	2.20	2.20	2.20	0.00	0.00
106-42-3	p-xylene	Part 1A	Part 5	5.02	2.28	2.28	0.00	2.28	2.28	0.00	0.00
107-98-2	propylene glycol monomethyl ether			86.31	39.23	0.00	39.23	39.23	39.23	0.00	0.00
108-10-1	mibk			0.61	0.28			0.28	0.28	0.00	0.00
108-38-3	m-xylene	Part 1A	Part 5	13.21	6.00	6.00	0.00	6.00	6.00	0.00	0.00
108-65-6	pm acetate		Part 5	158.54	72.06	0.00	72.06	72.06	72.06	0.00	0.00
108-88-3	toluene	Part 1A	Part 5	140.37	63.80	63.80	63.80	63.80	63.80	0.00	0.00
110-19-0	isobutyl acetate			288.60	131.18	0.00	0.00	131.18	131.18	0.00	0.00
110-43-0	mak			17.58	7.99			7.99	7.99	0.00	0.00
110-82-7	cyclohexane	Part 1A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111-65-9	Octane		Part 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111-84-2	nonane		Part 5	0.13	0.06	0.00	0.00	0.06	0.06	0.00	0.00
123-19-3	dipropylketone			9.09	4.13			4.13	4.13	0.00	0.00
123-86-4	n-butyl acetate		Part 5	337.22	153.28	0.00	0.00	153.28	153.28	0.00	0.00
141-78-6	ethyl acetate			0.00	0.00			0.00	0.00	0.00	0.00
142-82-5	heptane		Part 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
546-93-0	magnesium carbonate			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
577-11-7	bis(2-ethylhexyl) sodium sulfosuccinate			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1309-37-1	iron oxide			0.36	0.16	0.00	0.16	0.00	0.00	0.16	0.16
1317-60-8	ferric oxide			4.37	1.99	0.00	0.00	0.00	0.00	1.99	1.99
1332-58-7	aluminum silicate			24.31	11.05	0.00	0.00	0.00	0.00	11.05	11.05
1333-86-4	carbon black			14.59	6.63	0.00	6.63	0.00	0.00	6.63	6.63
1569-02-4	ethoxypropanol			6.35	2.89	0.00	2.89	2.89	2.89	0.00	0.00
7440-47-3	trivalent chromium	Part 1A			0.00	0.00	0.00	0.00	0.00	0.00	0.00
7732-18-5	water			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8030-76-0	soy lecithin			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9007-13-0	calcium resinate			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14807-96-6	magnesium silicate hydrate			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14808-60-7	crystalline silica			14.60	6.64	0.00	0.00	0.00	0.00	6.64	6.64
34590-94-8	dipropylene glycol monomethyl ether			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52125-53-8	propylene glycol monoethyl ether			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56819-40-0	metal complex dye	--		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64742-47-8	aliphatic petroleum distillates		Part 5	52.87	24.03	24.03	24.03	24.03	24.03	0.00	0.00

CAS #	Chemical Name			Lbs Emission	kg Emission	Canada_NPRI		Canada_ON_127	Canada_ON_Voc	Voc (kg)	Non Voc (kg)	Non Voc (kg)
64742-49-0	petroleum distillate	--		189.95	86.34	86.34		0.00	86.34	86.34	0.00	0.00
64742-95-6	aromatic hydrocarbons		Part 5	1,105.92	502.69	502.69		502.69	502.69	502.69	0.00	0.00
64742-88-7	aliphatic		Part 5	18.38	8.35	8.35		8.35	8.35	8.35	0.00	0.00
68911-87-5	organoclay			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
70657-70-4	2-methoxy-1-propanol acetate			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
070851-34-2	cobalt compound	Part 1A		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
071486-79-8	calcium sulfonate			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
071839-77-5	solvent red 130			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
112945-52-5	fumed silica			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
251298-11-0	cetyl-oleyl polyoxyethylene sodium phosphate			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	alkyd resin solids			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	alkylamide and ester salts			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	antisettling agent solids			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	black dye			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	brown pigment			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	chromium complex	Part 1A		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	chromium compound	Part 1A		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	defoamer solids			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	organic-chrome complex	Part 1A		0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	red dye			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
proprietary	thixotrope solids			0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
					1,637.65							
		Grand Totals(Lbs):		**3,602.84**	**1,637.65**	**840.26**	**0.00**	**875.54**	**1,611.19**	**1,611.19**	**26.47**	**26.47**
2023	Grand Totals(Lbs):			4209.59	1913.45							
2022	Grand Totals(Lbs):			7060.38	3209.26							
2021	Grand Totals(Lbs):			8546.2	12030.94	3943.85	0	6969.88	9132.91	9132.91	2898.03	2898.03
2018	Grand Totals(Lbs):			15181.32	6900.6	1555.027	0	2951.13	5261.468	5261.468182	1213.54091	1213.54091

2024 Purchases from Comet

Description	Quantity (kg)	Chemical Name	CAS Number	% breakdown	MPO (kg)
FM0008 Mineral Spirits COMSOL 3139	322	Petroleum Distillate	64742-47-8	50%	161
		Stoddard Solvent	8052-41-3	50%	161
				Total	**322**

Methyl Ethyl Alcohol	0	Ethyl Alcohol	64-17-5	50%	0
		Methyl Alcohol	67-56-1	50%	0
				Total	**0**

2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
0	644	628	628	644	644	644	628	924	628

ECA Annual Written Summary Report

From: Jim Anderson
To: CofAeSubmission@ontario.ca
Cc: Jacqui Davidson
Subject: 7758-A8LKAX Durham Furniture 2024 WS submission
Date: March 30, 2025 11:57:00 AM
Attachments: Durham WS Form March 2025.pdf

Written Summary Submission

Company: Durham Furniture Inc.
Certificate of Approval Number: 7758-A8LKAX
Due Date for Written Summary: 2025/08/31

Durham Furniture

March 22, 2025

Section 9 Director
Ministry of the Environment Conservation and Parks
Client Services and Permissions Branch
135 St. Clair Avenue West, Floor 1
Toronto ON M4V 1P5

Re: Written Summary for Reporting Year 2024
Environmental Compliance Approval (Air/Noise) Number 7758-A8LKAX

This is to confirm that the Durham Furniture Inc. facility, located in Durham, Ontario operated in compliance with the Performance Limits set forth in our Environmental Compliance Approval (Air and Noise) Number 7758-A8LKAX (November 4, 2016) as noted above.

The attached Written Summary provides the information required by Condition 6 of the above noted ECA.

Sincerely,

Luke Simpson
President & CEO

c. District Manager
Owen Sound Area Office
101 – 17th Street East
Owen Sound ON N4K 0A5

450 Lambton St. W, P.O. Box 80, Durham, Ontario N0G 1R0
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MODIFICATION LOG

Durham Furniture Inc.

Environmental Compliance Approval (Air and Noise) Number 7758-A8LKAX (November 4, 2016)

No modifications were made in 2024 that changed or altered air emission sources.

Date Changed	Description of Change	Emission Summary Dispersion Modelling Report Changes
2024	None	None
September 2023	Installed sound barrier wall sea cans along driveway at Lambton Street by kilns	No changes to ESDM. Updated AAR – November 2023

Revision Date: December 31, 2024

Table 7.1: Emission Summary Table

Contaminant	CAS	Emission Rate	Air Model	POI Concentration	MOE ACB Limit	Schedule	Limiting Effect	Avg Period	Percentage of MOE ACB Limit
		(g/s)		(µg/m^3)	(µg/m^3)			hours	%
Ethyl 3 Ethoxyproprionate	763-69-9	0.000000	AERMOD 22112	6.864	200	Guide B1	Odour	0.17	3.43%
N-Butyl Acetate	123-86-4	0.000000	AERMOD 22112	39.480	15000	Guide B1	Health	1	0.26%
		0.000000	AERMOD 22112	65.142	1000	Guide B1	Odour	0.17	6.51%
Particulates	n/a	0.149913	AERMOD 22112	105.965	120	Std B1	Visibility	24	88.30%
Nitrogen Oxides	10102-44-0	0.235361	AERMOD 22112	63.778	200	Std B1	Health	24	31.89%
Particulates	n/a	0.235361	AERMOD 22112	107.752	400	Std B1	Health	1	26.94%
Ethyl 3 Ethoxyproprionate	763-69-9	0.000000	AERMOD 22112	6.864	200	Guide B1	Odour	0.17	3.43%

Table 6a: Point of Reception Noise Impact Table

Source ID	Source Description	2nd Storey of Residence		Outdoor Area		1st Storey of Residence		Outdoor Area	
		POR1F		POR1O		POR2F		POR2O	
		Distance to POR1F (m)	Sound Level at POR1F (dBA)	Distance to POR1O (m)	Sound Level at POR1O (dBA)	Distance to POR2F (m)	Sound Level at POR2F (dBA)	Distance to POR2O (m)	Sound Level at POR2O (dBA)
C1	Upper Cyclone	83	46.1	73	41.8	85	40.9	78	41.0
MMC	Murphy Motor Casing	96	31.9	85	33.2	95	31.9	86	32.7
MB	Murphy Blower	98	30.3	88	31	100	29.7	92	30.6
KILNS_SW	Kilns Southwest Side	64	34.5	55	30.4	52	36.1	43	37.5
KILNS_NW	Kilns Northwest Side	94	24.9	84	21.8	85	21.4	75	21.7
KILN_1	Kiln 1	53	34.7	43	34.5	42	38.3	32	40.3
KILN_2	Kiln 2	62	38.2	52	38	53	33.7	43	35.3
KILN_3	Kiln 3	74	36.6	64	34.1	66	31.0	56	32.4
KILN_4	Kiln 4	88	34.5	76	32.5	80	29.0	70	30.3

Table 6b: Point of Reception Noise Impact Table

Source ID	Source Description	1st Storey of Residence		Outdoor Area		2nd Storey of Residence		Outdoor Area	
		POR3F		POR3O		POR4F		POR4O	
		Distance to POR3F (m)	Sound Level at POR3F (dBA)	Distance to POR3O (m)	Sound Level at POR3O (dBA)	Distance to POR4F (m)	Sound Level at POR4F (dBA)	Distance to POR4O (m)	Sound Level at POR4O (dBA)
C1	Upper Cyclone	202	37.5	190	37.8	174	37.9	168	38.0
MMC	Murphy Motor Casing	187	39.8	175	41.3	170	41.0	163	40.8
MB	Murphy Blower	200	24.8	188	25.5	181	24.6	174	24.2
KILNS_SW	Kilns Southwest Side	150	39.8	140	39.7	109	41.3	103	41.8
KILNS_NW	Kilns Northwest Side	144	35.4	132	35.8	129	35.6	121	35.4
KILN_1	Kiln 1	162	30.5	152	30.2	116	31.7	110	33.5
KILN_2	Kiln 2	159	30.5	148	30.4	121	31.5	115	32
KILN_3	Kiln 3	156	30.6	145	30.6	127	31.4	120	31.4
KILN_4	Kiln 4	154	30.7	142	30.8	135	30.9	127	30.9

Table 6c: Point of Reception Noise Impact Table

Source ID	Source Description	2nd Storey of Residence		Outdoor Area		2nd Storey of Residence		Outdoor Area	
		POR5F		POR5O		POR6F		POR6O	
		Distance to POR5F (m)	Sound Level at POR5F (dBA)	Distance to POR5O (m)	Sound Level at POR5O (dBA)	Distance to POR6F (m)	Sound Level at POR6F (dBA)	Distance to POR6O (m)	Sound Level at POR6O (dBA)
C1	Upper Cyclone	119	42.5	88	44.9	124	42.2	98	35.8
MMC	Murphy Motor Casing	106	34.3	75	37.2	137	26.9	111	29.3
MB	Murphy Blower	103	30.9	72	33.5	124	32.8	98	30.5
KILNS_SW	Kilns Southwest Side	163	31.5	134	26.7	187	22.3	162	19.9
KILNS_NW	Kilns Northwest Side	132	30.2	105	23.7	181	14.9	155	13.8
KILN_1	Kiln 1	165	35.1	136	28.5	179	24.1	154	20.9
KILN_2	Kiln 2	154	35.6	125	30.5	176	24.5	151	21.3
KILN_3	Kiln 3	142	36.3	114	30.4	173	24.3	147	21.3
KILN_4	Kiln 4	129	37.5	101	31.6	172	26.9	145	21.7

Table 7: Mitigated Acoustic Assessment Summary Table

Point of Reception ID	Point of Reception Description	Sound Pressure Level at POR (L_{eq})	Verified by Acoustic Audit (Yes/No)	Performance Limit (L_{eq})	Compliance with Performance Limit (Yes/No)
POR1F	2nd Storey Residence at 453 Lambton Street	48	No	53 (day/eve)	Yes
		43	No	52 (night)	Yes
POR1O	Outdoor Receptor for 453 Lambton Street	45	No	53 (day/eve)	Yes
		42	No	52 (night)	Yes
POR2F	1st Storey Residence at 461 Lambton Street	45	No	53 (day/eve)	Yes
		42	No	52 (night)	Yes
POR2O	Outdoor Receptor for 461 Lambton Street	46	No	53 (day/eve)	Yes
		44	No	52 (night)	Yes
POR3F	1st Storey Residence at 134 College Street	45	No	50 (day)	Yes
		43	No	50 (eve)	Yes
		43	No	45 (night)	Yes
POR3O	Outdoor Receptor for 134 College Street	46	No	50 (day)	Yes
		43	No	50 (eve)	Yes
POR4F	1st Storey Residence at 495 Lambton Street	46	No	50 (day)	Yes
		44	No	50 (eve)	Yes
		44	No	45 (night)	Yes
POR4O	Outdoor Receptor for 495 Lambton Street	46	No	50 (day)	Yes
		44	No	50 (eve)	Yes

Point of Reception ID	Point of Reception Description	Sound Pressure Level at POR (L_{eq})	Verified by Acoustic Audit (Yes/No)	Performance Limit (L_{eq})	Compliance with Performance Limit (Yes/No)
POR5F	2nd Storey Residence at 447 George Street West	46	No	50 (day)	Yes
		43	No	50 (eve)	Yes
		43	No	45 (night)	Yes
POR5O	Outdoor Receptor for 447 George Street West	46	No	50 (day)	Yes
		37	No	50 (eve)	Yes
POR6F	2nd Storey Residence at 136 Bruce Street	43	No	50 (day)	Yes
		32	No	50 (eve)	Yes
		32	No	45 (night)	Yes
POR6O	Outdoor Receptor for 136 Bruce Street	38	No	50 (day)	Yes
		28	No	50 (eve)	Yes