

Appendix M Construction Equipment Activity Resource Inputs for Air and Noise Modeling

Construction Equipment Activity Inputs Used for
Air Emissions and Impact Modeling

Construction Equipment Hours by Quarter

Phase	Sub-Phase	Equipment	Hours	HP	Equipment Hours per Quarter (rounded up to integer hour)												Annual Equipment Hours			
					Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	2023	2024	2025	2026
					(Q4 2023)	(Q1 2024)	(Q2 2024)	(Q3 2024)	(Q4 2024)	(Q1 2025)	(Q2 2025)	(Q3 2025)	(Q4 2025)	(Q1 2026)	(Q2 2026)	(Q3 2026)				
Mobilization	16	Burning Outfit	480														0	0	0	0
		CAT 320 Crawler Medium Exc	604.02	0	-	0	-	-	-	-	-	-	-	-	-	-	0	104	0	0
		CAT 345D Crawler Large Exca	104	164	-	104	-	-	-	-	-	-	-	-	-	-	0	104	0	0
		CAT 385C Crawler Large Exca	104	380	-	104	-	-	-	-	-	-	-	-	-	-	0	104	0	0
		CAT 980K Wheel Loader 7 CY	312	530	-	312	-	-	-	-	-	-	-	-	-	-	0	312	0	0
		CAT CR50 CRUSHER	208	367.44	-	208	-	-	-	-	-	-	-	-	-	-	0	208	0	0
		CAT P60 PULVERIZER	104	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT S365 Hyd Shear	208	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ELECTR SELF-PROR SCIS LIFT 32'	312	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Genie GTH-842 TeleLift 8000#	156.07	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ID 710L 4WD (2011) Backhoe	60.02	99	-	61	-	-	-	-	-	-	-	-	-	-	0	61	0	0
		LG 400S MANLIFT	32	148	-	32	-	-	-	-	-	-	-	-	-	-	0	32	0	0
		Welding Machine 400 Amp	44.02	82	-	45	-	-	-	-	-	-	-	-	-	-	0	45	0	0
Demolition	17	Burning Outfit	32	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT 320 Crawler Medium Exc	232	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT 345D Crawler Large Exca	40	164	-	22	19	-	-	-	-	-	-	-	-	-	0	41	0	0
		CAT 385C Crawler Large Exca	40	380	-	22	19	-	-	-	-	-	-	-	-	-	0	41	0	0
		CAT 980K Wheel Loader 7 CY	120	530	-	64	56	-	-	-	-	-	-	-	-	-	0	120	0	0
		CAT CR50 CRUSHER	80	367.44	-	43	38	-	-	-	-	-	-	-	-	-	0	81	0	0
		CAT P60 PULVERIZER	40	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT S365 Hyd Shear	80	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ELECTR SELF-PROR SCIS LIFT 32'	120	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Genie GTH-842 TeleLift 8000#	48	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ID 710L 4WD (2011) Backhoe	16	99	-	8	-	-	-	-	-	-	-	-	-	-	0	17	0	0
		LG 400S MANLIFT	16	148	-	9	8	-	-	-	-	-	-	-	-	-	0	17	0	0
		Welding Machine 400 Amp	16	82	-	9	8	-	-	-	-	-	-	-	-	-	0	17	0	0
Pavement Demolition	18	Burning Outfit	16	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT 320 Crawler Medium Exc	0	380	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT 345D Crawler Large Exca	64	164	-	64	-	-	-	-	-	-	-	-	-	-	0	64	0	0
		CAT 385C Crawler Large Exca	64	380	-	64	-	-	-	-	-	-	-	-	-	-	0	64	0	0
		CAT 980K Wheel Loader 7 CY	192	530	-	192	-	-	-	-	-	-	-	-	-	-	0	192	0	0
		CAT CR50 CRUSHER	128	367.44	-	128	-	-	-	-	-	-	-	-	-	-	0	128	0	0
		CAT P60 PULVERIZER	64	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT S365 Hyd Shear	128	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ELECTR SELF-PROR SCIS LIFT 32'	192	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Genie GTH-842 TeleLift 8000#	72	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ID 710L 4WD (2011) Backhoe	24	99	-	24	-	-	-	-	-	-	-	-	-	-	0	24	0	0
		LG 400S MANLIFT	16	148	-	16	-	-	-	-	-	-	-	-	-	-	0	16	0	0
		Welding Machine 400 Amp	24	82	-	24	-	-	-	-	-	-	-	-	-	-	0	24	0	0
Bulkhead Improvement	314112-314138	Bornag 655-2 WalkHnd Roller 26	16	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Burning Outfit	42.2	5.9	-	11	32	-	-	-	-	-	-	-	-	-	0	43	0	0
		CAT 320 Crawler Medium Exc	2349.16	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT 345D Crawler Large Exca	3341.58	164	-	836	2507	-	-	-	-	-	-	-	-	-	0	3343	0	0
		CAT 385C Crawler Large Exca	159.08	380	-	120	380	-	-	-	-	-	-	-	-	-	0	160	0	0
		CAT 430E 4WD Backhoe	370.55	530	-	93	278	-	-	-	-	-	-	-	-	-	0	371	0	0
		CAT 434D Tandem Roller 59"	1.75	111	-	1	2	-	-	-	-	-	-	-	-	-	0	3	0	0
		CAT 950G Wheel Loader 4CY	21.1	83	-	6	16	-	-	-	-	-	-	-	-	-	0	22	0	0
		CAT 980K Wheel Loader 7 CY	33.1	180	-	9	25	-	-	-	-	-	-	-	-	-	0	34	0	0
		CAT CR50 CRUSHER	1818.81	367.44	-	455	1365	-	-	-	-	-	-	-	-	-	0	1820	0	0
		CAT H120CS Hydr Impact 3000 FT/LB	159.08	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT H1600S Hydr Impact 7500 FT/LB	1840.73	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT H90CS Hydr Impact 10000FT/LB	362.4	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT P60 PULVERIZER	26.05	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		CAT S365 Hyd Shear	524.2	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
Bulkhead Improvement	4	Chain Saw 43"	164.51	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Daily Opernd Rent-Grove130MT	16	2.9	-	4	12	-	-	-	-	-	-	-	-	-	0	16	0	0
		ELECTR SELF-PROR SCIS LIFT 32'	19	300	-	5	15	-	-	-	-	-	-	-	-	-	0	20	0	0
		Flatbed Tractor/Trailer 3BT	0	3.26	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Genie GTH-842 TeleLift 8000#	12	300	-	9	-	-	-	-	-	-	-	-	-	-	0	12	0	0
		GroveRT750E 50MT RT Crane	15.09	99	-	4	12	-	-	-	-	-	-	-	-	-	0	16	0	0
		Hillb Tools, Misc.	16	200	-	4	12	-	-	-	-	-	-	-	-	-	0	16	0	0
		ID 4100 4WD Backhoe	14	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		ID 710L 4WD (2011) Backhoe	65	14	-	4	11	-	-	-	-	-	-	-	-	-	0	15	0	0
		LG 400S MANLIFT	34.05	148	-	9	26	-	-	-	-	-	-	-	-	-	0	28	0	0
		Plate Compactor 25 in 11HP	20.09	82	-	6	16	-	-	-	-	-	-	-	-	-	0	22	0	0
		Welding Machine 400 Amp	42.2	4.8	-	11	32	-	-	-	-	-	-	-	-	-	0	43	0	0
Bulkhead Improvement	8	BORBCAT 3130 Skid Steer	13.5	0	-	0	-	-	-	-	-	-	-	-	-	-	0	0	0	0
		Burning Outfit	178.16852	49	-	25	25	25	25	25	25	25	9	-	-	-	0	100	84	0
		CAT 320 Crawler Medium Exc	136.5469	49	-	19	19	19	19	19	19	19	7	-	-	-	0	76	64	0
		CAT 330F Crawler Large Exca	3891.2719	0	-	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0
		CAT 330F Crawler Large Exca	32.230525	164	-	5	5	5	5	5	5	5	2	-	-	-	0	20	17	0
		CAT 430E 4WD Backhoe	300.41017	239	-	41	41	41	41	41	41	41	14	-	-	-	0	164	137	0
		CAT 950G Wheel Loader 4CY	111	23	-	23	23	23	23	23	23	23	8	-	-	-	0	92	77	0
		CAT D3K LGP Dozer	430.01431	180	-	59	59	59	59	59	59	59	20	-	-	-	0	236	197	0
		Concrete Work Tools	136.5469	81	-	19	19	19	19	19	19	19	7	-	-	-	0	76	64	0
		Delming D80-23 212X FT-LB	624.32432	0	-	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0
		Flat Deck Barge - 107A Ton	1901.7266	55	-	246	246	246	246	246	246	246	82	-	-	-	0	984	820	0
		FLEX SHAFT CONC VIBR8HP	4733.3927	0	-	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0
		Flexfloat - 5' x 10' x 20'	1051.7154	0	-	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0
		Flexfloat - 5' x 10' x 40'	860.41335	0	-	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0
		Genie GTH-842 TeleLift 8000#	1682.0556	0	-	0	0	0	0	0	0	0	0	-	-	-	0	0	0	0

Dredging	10	CAT 385C Crawler Large Exca	137.86	530	-	-	-	-	-	138	-	-	-	-	-	-	-	0	138	0	0	
		CAT 950G Wheel Loader 4CY	346.0625	180	-	-	-	-	-	347	-	-	-	-	-	-	-	0	347	0	0	
		CAT 980K Wheel Loader 7 CY	138.425	367.44	-	-	-	-	-	139	-	-	-	-	-	-	-	0	139	0	0	
		CAT D6M XL Dozer	415.275	153	-	-	-	-	-	416	-	-	-	-	-	-	-	0	416	0	0	
		Clamshell 10CY Rehandling	275.72	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Elec Chain Hoist 10T 25pd	137.86	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Flat Deck Barge - 3102 Ton	137.86	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Generator 50 kW Enclosed	138.425	68	-	-	-	-	-	139	-	-	-	-	-	-	-	0	139	0	0	
		On-Hwy Dump - 18 CY Triax	1937.95	310	-	-	-	-	-	1938	-	-	-	-	-	-	-	0	1938	0	0	
		Pressure Washer 3,000 psi	137.86	11	-	-	-	-	-	138	-	-	-	-	-	-	-	0	138	0	0	
11		Pump 3 in Subm 6HP	138.425	6	-	-	-	-	-	139	-	-	-	-	-	-	-	0	139	0	0	
		PUSH BOAT 22-FT 435HP	275.72	150	-	-	-	-	-	276	-	-	-	-	-	-	-	0	276	0	0	
		SCOW 8,000 CY	551.44	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Suct & Disch 3" Hose 25 ft	2214.8	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		VOLVO A25F 6x6 Articulated 15-19CY	138.425	315	-	-	-	-	-	139	-	-	-	-	-	-	-	0	139	0	0	
		Welding Machine 400 Amp	137.86	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Clamshell 10CY Rehandling	467.1753	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		CAT 330F Crawler Medium Exc	199.7547	239	-	-	-	-	-	200	-	-	-	-	-	-	-	0	200	0	0	
		CAT 385C Crawler Large Exca	233.5947	530	-	-	-	-	-	234	-	-	-	-	-	-	-	0	234	0	0	
		Generator 50 kW Enclosed	199.7547	68	-	-	-	-	-	200	-	-	-	-	-	-	-	0	200	0	0	
12		Flat Deck Barge - 3102 Ton	233.5947	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		SCOW 8,000 CY	934.3647	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		PUSH BOAT 22-FT 435HP	467.1753	150	-	-	-	-	-	468	-	-	-	-	-	-	-	0	468	0	0	
		BAKER TANK 21K GAL	399.4953	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Suct & Disch 3" Hose 25 ft	3196.0047	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Pump 3 in Subm 6HP	199.7547	6	-	-	-	-	-	200	-	-	-	-	-	-	-	0	200	0	0	
		Burning Outfit	233.5947	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Elec Chain Hoist 10T 25pd	233.5947	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Pressure Washer 3,000 psi	233.5947	11	-	-	-	-	-	234	-	-	-	-	-	-	-	0	234	0	0	
		Welding Machine 400 Amp	233.5947	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
12A		VOLVO A25F 6x6 Articulated 15-19CY	199.7547	315	-	-	-	-	-	200	-	-	-	-	-	-	-	0	200	0	0	
		On-Hwy Dump - 18 CY Triax	2796.4953	310	-	-	-	-	-	2797	-	-	-	-	-	-	-	0	2797	0	0	
		Air Compressor 375 cfm	532.197	117	-	-	-	-	-	534	-	-	-	-	-	-	-	0	534	0	0	
		CAT D6M XL Dozer	599.25	153	-	-	-	-	-	600	-	-	-	-	-	-	-	0	600	0	0	
		CAT 950G Wheel Loader 4CY	499.3797	180	-	-	-	-	-	500	-	-	-	-	-	-	-	0	500	0	0	
		CAT 980K Wheel Loader 7 CY	199.7547	367.44	-	-	-	-	-	200	-	-	-	-	-	-	-	0	200	0	0	
		Air Compressor 375 cfm	681.42	117	-	-	-	-	-	682	-	-	-	-	-	-	-	0	0	682	0	
		BAKER TANK 21K GAL	434.5959	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Burning Outfit	355.47	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		CAT 330F Crawler Medium Exc	217.3041	239	-	-	-	-	-	218	-	-	-	-	-	-	-	0	0	218	0	
Pier 35W Dredging		CAT 385C Crawler Large Exca	355.47	530	-	-	-	-	-	356	-	-	-	-	-	-	-	0	0	356	0	
		CAT 950G Wheel Loader 4CY	543.2541	180	-	-	-	-	-	544	-	-	-	-	-	-	-	0	0	544	0	
		CAT 980K Wheel Loader 7 CY	217.3041	367.44	-	-	-	-	-	218	-	-	-	-	-	-	-	0	0	218	0	
		CAT D6M XL Dozer	651.9	153	-	-	-	-	-	652	-	-	-	-	-	-	-	0	0	652	0	
		Clamshell 10CY Rehandling	710.94	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Elec Chain Hoist 10T 25pd	355.47	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Flat Deck Barge - 3102 Ton	355.47	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Generator 50 kW Enclosed	217.3041	68	-	-	-	-	-	218	-	-	-	-	-	-	-	0	0	218	0	
		On-Hwy Dump - 18 CY Triax	3042.1959	310	-	-	-	-	-	3043	-	-	-	-	-	-	-	0	0	3043	0	
		Pressure Washer 3,000 psi	355.47	11	-	-	-	-	-	356	-	-	-	-	-	-	-	0	0	356	0	
2		Pump 3 in Subm 6HP	217.3041	6	-	-	-	-	-	218	-	-	-	-	-	-	-	0	0	218	0	
		PUSH BOAT 22-FT 435HP	710.94	150	-	-	-	-	-	711	-	-	-	-	-	-	-	0	0	711	0	
		SCOW 8,000 CY	1421.88	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Suct & Disch 3" Hose 25 ft	3476.8041	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		VOLVO A25F 6x6 Articulated 15-19CY	217.3041	315	-	-	-	-	-	218	-	-	-	-	-	-	-	0	0	218	0	
		Welding Machine 400 Amp	355.47	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Air Compressor 375 cfm	1246.5	117	-	-	-	-	-	1247	-	-	-	-	-	-	-	0	0	1247	0	
		BAKER TANK 21K GAL	794.9925	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Burning Outfit	650.25	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		CAT 330F Crawler Medium Exc	397.5075	239	-	-	-	-	-	398	-	-	-	-	-	-	-	0	0	398	0	
12A		CAT 385C Crawler Large Exca	650.25	530	-	-	-	-	-	651	-	-	-	-	-	-	-	0	0	651	0	
		CAT 950G Wheel Loader 4CY	993.7575	180	-	-	-	-	-	994	-	-	-	-	-	-	-	0	0	994	0	
		CAT 980K Wheel Loader 7 CY	397.5075	367.44	-	-	-	-	-	398	-	-	-	-	-	-	-	0	0	398	0	
		CAT D6M XL Dozer	1192.5	153	-	-	-	-	-	1193	-	-	-	-	-	-	-	0	0	1193	0	
		Clamshell 10CY Rehandling	1300.5	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Elec Chain Hoist 10T 25pd	650.25	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Flat Deck Barge - 3102 Ton	650.25	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Generator 50 kW Enclosed	397.5075	68	-	-	-	-	-	398	-	-	-	-	-	-	-	0	0	398	0	
		On-Hwy Dump - 18 CY Triax	5564.9925	310	-	-	-	-	-	5565	-	-	-	-	-	-	-	0	0	5565	0	
		Pressure Washer 3,000 psi	650.25	11	-	-	-	-	-	651	-	-	-	-	-	-	-	0	0	651	0	
2		Pump 3 in Subm 6HP	397.5075	6	-	-	-	-	-	398	-	-	-	-	-	-	-	0	0	398	0	
		PUSH BOAT 22-FT 435HP	1300.5	150	-	-	-	-	-	1301	-	-	-	-	-	-	-	0	0	1301	0	
		SCOW 8,000 CY	2801	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Suct & Disch 3" Hose 25 ft	6360.0075	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		VOLVO A25F 6x6 Articulated 15-19CY	397.5075	315	-	-	-	-	-	398	-	-	-	-	-	-	-	0	0	398	0	
		Welding Machine 400 Amp	650.25	0	-	-	-	-	-	0	-	-	-	-	-	-	-	0	0	0	0	
		Air Compressor 185 cfm	70.42	49	-	14	14	14	14	2	-	-	-	-	-	-	-	0	56	16	0	
		BAKER TANK 21K GAL	31.2	0	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	
		Bornag 65S-2 Walkthrd Roller 26	5	5.9	-	1	1	1	1	1	-	-	-	-	-	-	-	0	4	2	0	
		Burning Outfit	1204.5	0	-	0	0	0	0	0	-	-	-	-	-	-	-	0	0	0	0	
Marine Improvements		CAT 320 Crawler Medium Exc	2	164	-	1	1	1	1	1	-	-	-	-	-	-	-	0	4	2	0	
		CAT 330F Crawler Medium Exc	15.6	239	-	4	4	4	4	1	-	-	-	-	-	-	-	0	16	5	0	
		CAT 345D C																				

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A large grid of graph paper, consisting of 30 columns and 10 rows of squares, intended for drawing a picture.[illegible]

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Total (g/s)	0.0000	0.0000	0.0000	0.9022	0.9022	0.9022	1.2943	1.2943	1.2943	1.3365	1.3365	1.3365	1.8879	1.8879	1.8879	1.4082	1.4082	1.4082	1.3505	1.3505	1.3505	0.8718	0.8718	0.8718	0.5469	0.5469	0.5469	0.1385	0.1385	0.1385	0.1385	0.1385	0.1385
Total (lb/day)	0.0000	0.0000	0.0000	64.4440	64.4440	64.4440	92.4496	92.4496	92.4496	103.6168	103.6168	103.6168	159.2942	159.2942	159.2942	100.5888	100.5888	100.5888	96.4684	96.4684	96.4684	62.2755	62.2755	62.2755	55.3617	55.3617	55.3617	9.8911	9.8911	9.8911	9.8911	9.8911	9.8911

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PM2.5

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PM25

Resource	Job Phase	Estimated Manpower	Shift	Q1 2023	Q1 2024	Q2 2024	Q3 2024	Q4 2024	Q1 2025	Q2 2025	Q3 2025	Q4 2025	Q1 2026	Q2 2026	Q3 2026	Q4 2026	Q1 2027	Q2 2027	Q3 2027	Q4 2027	Q5	Q6	Q7	Q8	W1-Cum-12 Month Profit (\$M)	W2-Cum-24 Month Profit (\$M)	W3-Cum-36 Month Profit (\$M)	W4-Cum-48 Month Profit (\$M)	W5-Cum-60 Month Profit (\$M)	W6-Cum-72 Month Profit (\$M)	W7-Cum-84 Month Profit (\$M)	W8-Cum-96 Month Profit (\$M)	W9-Cum-108 Month Profit (\$M)	W10-Cum-120 Month Profit (\$M)	W11-Cum-132 Month Profit (\$M)	W12-Cum-144 Month Profit (\$M)	W13-Cum-156 Month Profit (\$M)	W14-Cum-168 Month Profit (\$M)	W15-Cum-180 Month Profit (\$M)	W16-Cum-192 Month Profit (\$M)	W17-Cum-204 Month Profit (\$M)	W18-Cum-216 Month Profit (\$M)	W19-Cum-228 Month Profit (\$M)	W20-Cum-240 Month Profit (\$M)	W21-Cum-252 Month Profit (\$M)	W22-Cum-264 Month Profit (\$M)	W23-Cum-276 Month Profit (\$M)	W24-Cum-288 Month Profit (\$M)	W25-Cum-300 Month Profit (\$M)	W26-Cum-312 Month Profit (\$M)	W27-Cum-324 Month Profit (\$M)	W28-Cum-336 Month Profit (\$M)	W29-Cum-348 Month Profit (\$M)	W30-Cum-360 Month Profit (\$M)	W31-Cum-372 Month Profit (\$M)	W32-Cum-384 Month Profit (\$M)	W33-Cum-396 Month Profit (\$M)	W34-Cum-408 Month Profit (\$M)	W35-Cum-420 Month Profit (\$M)	W36-Cum-432 Month Profit (\$M)	W37-Cum-444 Month Profit (\$M)	W38-Cum-456 Month Profit (\$M)	W39-Cum-468 Month Profit (\$M)	W40-Cum-480 Month Profit (\$M)	W41-Cum-492 Month Profit (\$M)	W42-Cum-504 Month Profit (\$M)	W43-Cum-516 Month Profit (\$M)	W44-Cum-528 Month Profit (\$M)	W45-Cum-540 Month Profit (\$M)	W46-Cum-552 Month Profit (\$M)	W47-Cum-564 Month Profit (\$M)	W48-Cum-576 Month Profit (\$M)	W49-Cum-588 Month Profit (\$M)	W50-Cum-600 Month Profit (\$M)	W51-Cum-612 Month Profit (\$M)	W52-Cum-624 Month Profit (\$M)	W53-Cum-636 Month Profit (\$M)	W54-Cum-648 Month Profit (\$M)	W55-Cum-660 Month Profit (\$M)	W56-Cum-672 Month Profit (\$M)	W57-Cum-684 Month Profit (\$M)	W58-Cum-696 Month Profit (\$M)	W59-Cum-708 Month Profit (\$M)	W60-Cum-720 Month Profit (\$M)	W61-Cum-732 Month Profit (\$M)	W62-Cum-744 Month Profit (\$M)	W63-Cum-756 Month Profit (\$M)	W64-Cum-768 Month Profit (\$M)	W65-Cum-780 Month Profit (\$M)	W66-Cum-792 Month Profit (\$M)	W67-Cum-804 Month Profit (\$M)	W68-Cum-816 Month Profit (\$M)	W69-Cum-828 Month Profit (\$M)	W70-Cum-840 Month Profit (\$M)	W71-Cum-852 Month Profit (\$M)	W72-Cum-864 Month Profit (\$M)	W73-Cum-876 Month Profit (\$M)	W74-Cum-888 Month Profit (\$M)	W75-Cum-900 Month Profit (\$M)	W76-Cum-912 Month Profit (\$M)	W77-Cum-924 Month Profit (\$M)	W78-Cum-936 Month Profit (\$M)	W79-Cum-948 Month Profit (\$M)	W80-Cum-960 Month Profit (\$M)	W81-Cum-972 Month Profit (\$M)	W82-Cum-984 Month Profit (\$M)	W83-Cum-996 Month Profit (\$M)	W84-Cum-1008 Month Profit (\$M)	W85-Cum-1020 Month Profit (\$M)	W86-Cum-1032 Month Profit (\$M)	W87-Cum-1044 Month Profit (\$M)	W88-Cum-1056 Month Profit (\$M)	W89-Cum-1068 Month Profit (\$M)	W90-Cum-1080 Month Profit (\$M)	W91-Cum-1092 Month Profit (\$M)	W92-Cum-1104 Month Profit (\$M)	W93-Cum-1116 Month Profit (\$M)	W94-Cum-1128 Month Profit (\$M)	W95-Cum-1140 Month Profit (\$M)	W96-Cum-1152 Month Profit (\$M)	W97-Cum-1164 Month Profit (\$M)	W98-Cum-1176 Month Profit (\$M)	W99-Cum-1188 Month Profit (\$M)	W100-Cum-1200 Month Profit (\$M)	W101-Cum-1212 Month Profit (\$M)	W102-Cum-1224 Month Profit (\$M)	W103-Cum-1236 Month Profit (\$M)	W104-Cum-1248 Month Profit (\$M)	W105-Cum-1260 Month Profit (\$M)	W106-Cum-1272 Month Profit (\$M)	W107-Cum-1284 Month Profit (\$M)	W108-Cum-1296 Month Profit (\$M)	W109-Cum-1308 Month Profit (\$M)	W110-Cum-1320 Month Profit (\$M)	W111-Cum-1332 Month Profit (\$M)	W112-Cum-1344 Month Profit (\$M)	W113-Cum-1356 Month Profit (\$M)	W114-Cum-1368 Month Profit (\$M)	W115-Cum-1380 Month Profit (\$M)	W116-Cum-1392 Month Profit (\$M)	W117-Cum-1404 Month Profit (\$M)	W118-Cum-1416 Month Profit (\$M)	W119-Cum-1428 Month Profit (\$M)	W120-Cum-1440 Month Profit (\$M)	W121-Cum-1452 Month Profit (\$M)	W122-Cum-1464 Month Profit (\$M)	W123-Cum-1476 Month Profit (\$M)	W124-Cum-1488 Month Profit (\$M)	W125-Cum-1500 Month Profit (\$M)	W126-Cum-1512 Month Profit (\$M)	W127-Cum-1524 Month Profit (\$M)	W128-Cum-1536 Month Profit (\$M)	W129-Cum-1548 Month Profit (\$M)	W130-Cum-1560 Month Profit (\$M)	W131-Cum-1572 Month Profit (\$M)	W132-Cum-1584 Month Profit (\$M)	W133-Cum-1596 Month Profit (\$M)	W134-Cum-1608 Month Profit (\$M)	W135-Cum-1620 Month Profit (\$M)	W136-Cum-1632 Month Profit (\$M)	W137-Cum-1644 Month Profit (\$M)	W138-Cum-1656 Month Profit (\$M)	W139-Cum-1668 Month Profit (\$M)	W140-Cum-1680 Month Profit (\$M)	W141-Cum-1692 Month Profit (\$M)	W142-Cum-1704 Month Profit (\$M)	W143-Cum-1716 Month Profit (\$
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	Q1-Q4	Q2-Q5	Q3-Q6	Q4-Q7	Q5-Q8	Q6-Q9	Q7-Q10	Q8-Q11	Q9-Q12
Totals (Running 12-month)	0.2311	0.4254	0.4615	0.4568	0.3968	0.3212	0.2407	0.1744	0.1288

FUGITIVES

	W Average Weight (tons)	k PM10 (lb/VMT)	k PM2.5 (lb/VMT)	sL Short Term (g/m2)	sL Annual (g/m2)	Control Efficiency (%)	Short Term		Annual	Max Number of Truck Trips per Day	VMT per Truck Trip	VMT per Day	VMT per Year	Short Term		Annual	Number of Volume Srcs	Short Term		Annual
							E PM ₁₀ (lb/VMT)	E PM _{2.5} (lb/VMT)	E PM _{2.5} (lb/VMT)					PM ₁₀ (g/s)	PM _{2.5} (g/s)	PM _{2.5} (g/s)		PM ₁₀ g/s per Volume Src	PM _{2.5} g/s per Volume Src	PM _{2.5} g/s per Volume Src
Trucks	17.5	0.0022	0.00054	2.4	0.6	50%	0.045	0.011	0.003	88	0.19	16.67	4333	0.0040	0.0010	0.0002	35	1.13E-04	2.77E-05	5.14E-06

Short Term:

Paved Roadway Equation (AP-42 Section 13.2.1)

$$E (\text{lb/VMT}) = k * sL^{0.91} * W^{1.02} * \text{Control Efficiency}$$

k = 0.0022 for PM₁₀, 0.00054 for PM_{2.5}sL = silt loading (g/m²)

W = average vehicle weight

Annual:

Paved Roadway Equation (AP-42 Section 13.2.1)

$$E (\text{lb/VMT}) = [k * sL^{0.91} * W^{1.02}] * (1-P/4N) * \text{Control Efficiency}$$

k = 0.0022 for PM₁₀, 0.00054 for PM_{2.5}sL = silt loading (g/m²)

W = average vehicle weight

P = number of "wet" days with at least 0.254 mm (0.01 in) of precipitation during the averaging period 120

N = number of days in the averaging period 365 (annual)

Assumptions:

44		44 trucks one-way trips a day
88	trips	88 total truck trips a day [accounting for round trips]
1000	feet	1,000 foot one-way route
260	annual	
days		Operates M-F, 7am-4pm
17.5	tons	Average truck weight is 17.5 tons
50%		Control efficiency from dust control

AERMOD - AREA SOURCES				Modeled Emission Rate (g/s/m2)				
Model ID	Location	Description	Area (m2)	CO_ST	NOx_ANN	PM10_ST	PM25_ST	PM25_ANN
DEMO16A	16	Demo	17971.1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DEMO16B	16	Demo	3718.5	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DEMO17	17	Demo	7662.1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-09
DEMO18	18	Demo	12469.1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-08
PAVE	314112 - 314138	Pavement Improvements	237679.3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-09
BULK4	4	Bulkhead Improvements	25494	7.07E-06	1.41E-06	1.20E-06	1.16E-06	8.39E-08
DREDGE8	8	Dredging	8035.6	0.00E+00	4.75E-06	0.00E+00	0.00E+00	2.44E-07
DREDGE9	9	Dredging	6551.3	1.74E-05	6.88E-06	3.09E-06	3.00E-06	3.54E-07
DREDGE10	10	Dredging	5012.7	2.28E-05	2.44E-06	4.03E-06	3.92E-06	1.22E-07
DREDGE11	11	Dredging	6559.9	1.74E-05	2.94E-06	3.08E-06	2.99E-06	1.42E-07
DREDGE12	12	Dredging	18755.2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DREDGE12	12A	Dredging	18755.2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MARINE2	2	Marine Improvements	3637.9	9.35E-05	2.20E-06	1.58E-05	1.53E-05	1.80E-07
MARINE7A	7A	Marine Improvements	1152.2	2.20E-04	3.12E-06	3.70E-05	3.59E-05	2.99E-07
MARINE7B	7B	Marine Improvements	1397.1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
LAND1	1	Land Improvements	1699	9.12E-05	1.08E-05	1.52E-05	1.47E-05	3.86E-07
LAND3	3	Land Improvements	4782	3.24E-05	2.62E-06	5.39E-06	5.23E-06	1.01E-07
LAND13	13	Land Improvements	83180	0.00E+00	6.97E-08	0.00E+00	0.00E+00	4.91E-09
LAND14	14	Land Improvements	117862.1	1.57E-06	1.58E-07	2.89E-07	2.81E-07	5.86E-09
LAND15	15	Land Improvements	5607.9	2.47E-05	3.19E-06	4.21E-06	4.08E-06	9.89E-08
OMF	OMF	O&M Facility Construction	9030.8	1.53E-05	5.95E-07	2.61E-06	2.54E-06	3.25E-08

General Conformity Emissions

Welding Machine 400 Amp	15	0	LAND1	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
O&M Facility Construction			OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Bomag 65S-2 WalkBhnd Roller 26	OMF	5.9	OMF	-	-	8.53E-05	8.53E-05	8.53E-05	8.53E-05	8.53E-05	8.53E-05	8.53E-05	8.53E-05	8.53E-05	-	2.56E-04	3.41E-04	1.71E-04
Burning Outfit	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
CAT 320 Crawler Medium Exc	OMF	164	OMF	-	-	1.85E-05	1.85E-05	1.85E-05	1.85E-05	1.85E-05	1.85E-05	1.85E-05	1.85E-05	1.85E-05	-	5.54E-05	7.38E-05	3.69E-05
CAT 330F Crawler Medium Exc	OMF	239	OMF	-	-	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	1.98E-04	-	5.93E-04	7.91E-04	3.95E-04
CAT 345D Crawler Large Exca	OMF	380	OMF	-	-	6.21E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04	-	1.86E-03	2.48E-03	1.24E-03
CAT 434D Tandem Roller 59"	OMF	83	OMF	-	-	2.47E-04	2.47E-04	2.47E-04	2.47E-04	2.47E-04	2.47E-04	2.47E-04	2.47E-04	2.47E-04	-	7.42E-04	9.90E-04	4.95E-04
CAT 950G Wheel Loader 4CY	OMF	180	OMF	-	-	3.93E-04	3.93E-04	3.93E-04	3.93E-04	3.93E-04	3.93E-04	3.93E-04	3.93E-04	3.93E-04	-	1.18E-03	1.57E-03	7.86E-04
CAT 963D LGP Track Loader	OMF	110	OMF	-	-	4.87E-04	4.87E-04	4.87E-04	4.87E-04	4.87E-04	4.87E-04	4.87E-04	4.87E-04	4.87E-04	-	1.46E-03	1.95E-03	9.74E-04
CAT D3K LGP Dozer	OMF	81	OMF	-	-	3.39E-04	3.39E-04	3.39E-04	3.39E-04	3.39E-04	3.39E-04	3.39E-04	3.39E-04	3.39E-04	-	1.02E-03	1.36E-03	6.79E-04
CAT D4G XL Dozer	OMF	87	OMF	-	-	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	-	3.28E-04	4.37E-04	2.19E-04
Cncrete Saw to 11"(wo Blade)	OMF	11	OMF	-	-	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	-	3.27E-03	4.37E-03	2.18E-03
Concrete Work Tools	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Delmag D100-13 265K FT-LB	OMF	55	OMF	-	-	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	-	3.79E-03	5.05E-03	2.53E-03
Delmag D80-23 212K FT-LB	OMF	55	OMF	-	-	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	-	4.28E-03	5.71E-03	2.85E-03
Flat Deck Barge - 1074 Ton	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
GroveRT700B 36.3MT RT Crane	OMF	177.1	OMF	-	-	1.01E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	1.01E-04	-	3.03E-04	4.04E-04	2.02E-04
GroveRT750E 50MT RT Crane	OMF	200	OMF	-	-	5.38E-04	5.38E-04	5.38E-04	5.38E-04	5.38E-04	5.38E-04	5.38E-04	5.38E-04	5.38E-04	-	1.61E-03	2.15E-03	1.08E-03
Manitowoc 777 181.4 MT	OMF	340	OMF	-	-	4.34E-03	4.34E-03	4.34E-03	4.34E-03	4.34E-03	4.34E-03	4.34E-03	4.34E-03	4.34E-03	-	1.30E-02	1.74E-02	8.68E-03
Plate Compactor 25 in 11HP	OMF	4.8	OMF	-	-	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	2.64E-05	-	7.93E-05	1.06E-04	5.29E-05
Schwing2525 on Trk (181 y/hr	OMF	432	OMF	-	-	4.60E-03	4.60E-03	4.60E-03	4.60E-03	4.60E-03	4.60E-03	4.60E-03	4.60E-03	4.60E-03	-	1.38E-02	1.84E-02	9.21E-03
WALK-BEHIND FLOOR TROWEL36"	OMF	5.5	OMF	-	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00
Welding Machine 400 Amp	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00

	2024	2025	2026
DEMO	0.11	0.00	0.00
PAVE	0.28	0.00	0.00
BULK	0.47	0.39	0.00
DREDGE	1.09	0.64	0.00
MARINE	0.22	0.04	0.00
LAND1	0.25	0.72	0.00
OMF	0.05	0.06	0.03

Welding Machine 400 Amp	15	0	LAND1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
O&M Facility Construction			OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Bomag 65S-2 WalkBhnd Roller 26	OMF	5.9	OMF	-	-	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.44E-04	-	4.33E-04	5.78E-04	2.89E-04
Burning Outfit	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
CAT 320 Crawler Medium Exc	OMF	164	OMF	-	-	5.42E-05	5.42E-05	5.42E-05	5.42E-05	5.42E-05	5.42E-05	5.42E-05	5.42E-05	5.42E-05	5.42E-05	-	1.63E-04	2.17E-04	1.08E-04
CAT 330F Crawler Medium Exc	OMF	239	OMF	-	-	5.98E-04	5.98E-04	5.98E-04	5.98E-04	5.98E-04	5.98E-04	5.98E-04	5.98E-04	5.98E-04	5.98E-04	-	1.79E-03	2.39E-03	1.20E-03
CAT 345D Crawler Large Exca	OMF	380	OMF	-	-	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	-	4.50E-03	6.00E-03	3.00E-03
CAT 434D Tandem Roller 59"	OMF	83	OMF	-	-	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	6.06E-04	-	1.82E-03	2.43E-03	1.21E-03
CAT 950G Wheel Loader 4CY	OMF	180	OMF	-	-	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	-	3.27E-03	4.36E-03	2.18E-03
CAT 963D LGP Track Loader	OMF	110	OMF	-	-	7.77E-04	7.77E-04	7.77E-04	7.77E-04	7.77E-04	7.77E-04	7.77E-04	7.77E-04	7.77E-04	7.77E-04	-	2.33E-03	3.11E-03	1.55E-03
CAT D3K LGP Dozer	OMF	81	OMF	-	-	8.99E-04	8.99E-04	8.99E-04	8.99E-04	8.99E-04	8.99E-04	8.99E-04	8.99E-04	8.99E-04	8.99E-04	-	2.70E-03	3.60E-03	1.80E-03
CAT D4G XL Dozer	OMF	87	OMF	-	-	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	-	8.69E-04	1.16E-03	5.79E-04
Cncrete Saw to 11"(wo Blade)	OMF	11	OMF	-	-	1.84E-03	1.84E-03	1.84E-03	1.84E-03	1.84E-03	1.84E-03	1.84E-03	1.84E-03	1.84E-03	1.84E-03	-	5.52E-03	7.36E-03	3.68E-03
Concrete Work Tools	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Delmag D100-13 265K FT-LB	OMF	55	OMF	-	-	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	-	1.06E-02	1.41E-02	7.06E-03
Delmag D80-23 212K FT-LB	OMF	55	OMF	-	-	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	-	1.20E-02	1.60E-02	7.98E-03
Flat Deck Barge - 1074 Ton	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
GroveRT700B 36.3MT RT Crane	OMF	177.1	OMF	-	-	3.98E-04	3.98E-04	3.98E-04	3.98E-04	3.98E-04	3.98E-04	3.98E-04	3.98E-04	3.98E-04	3.98E-04	-	1.19E-03	1.59E-03	7.97E-04
GroveRT750E 50MT RT Crane	OMF	200	OMF	-	-	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	-	6.36E-03	8.48E-03	4.24E-03
Manitowoc 777 181.4 MT	OMF	340	OMF	-	-	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	-	4.28E-02	5.71E-02	2.86E-02
Plate Compactor 25 in 11HP	OMF	4.8	OMF	-	-	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	4.32E-05	-	1.30E-04	1.73E-04	8.63E-05
Schwing2525 on Trk (181 y/hr	OMF	432	OMF	-	-	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	-	4.37E-02	5.82E-02	2.91E-02
WALK-BEHIND FLOOR TROWEL36"	OMF	5.5	OMF	-	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00
Welding Machine 400 Amp	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00

	2024	2025	2026
DEMO	0.25	0.00	0.00
PAVE	0.65	0.00	0.00
BULK	1.25	1.05	0.00
DREDGE	3.99	2.53	0.00
MARINE	0.54	0.10	0.00
LAND1	0.74	2.24	0.00
OMF	0.14	0.19	0.09

Welding Machine 400 Amp	15	0	LAND1	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
O&M Facility Construction			OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Bomag 65S-2 WalkBhnd Roller 26	OMF	5.9	OMF	-	-	8.31E-06	8.31E-06	8.31E-06	8.31E-06	8.31E-06	8.31E-06	8.31E-06	8.31E-06	8.31E-06	-	2.49E-05	3.32E-05	1.66E-05
Burning Outfit	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
CAT 320 Crawler Medium Exc	OMF	164	OMF	-	-	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	-	1.40E-05	1.87E-05	9.36E-06
CAT 330F Crawler Medium Exc	OMF	239	OMF	-	-	4.48E-05	4.48E-05	4.48E-05	4.48E-05	4.48E-05	4.48E-05	4.48E-05	4.48E-05	4.48E-05	-	1.34E-04	1.79E-04	8.96E-05
CAT 345D Crawler Large Exca	OMF	380	OMF	-	-	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	1.13E-04	-	3.40E-04	4.54E-04	2.27E-04
CAT 434D Tandem Roller 59"	OMF	83	OMF	-	-	3.56E-05	3.56E-05	3.56E-05	3.56E-05	3.56E-05	3.56E-05	3.56E-05	3.56E-05	3.56E-05	-	1.07E-04	1.42E-04	7.11E-05
CAT 950G Wheel Loader 4CY	OMF	180	OMF	-	-	8.44E-05	8.44E-05	8.44E-05	8.44E-05	8.44E-05	8.44E-05	8.44E-05	8.44E-05	8.44E-05	-	2.53E-04	3.37E-04	1.69E-04
CAT 963D LGP Track Loader	OMF	110	OMF	-	-	9.80E-05	9.80E-05	9.80E-05	9.80E-05	9.80E-05	9.80E-05	9.80E-05	9.80E-05	9.80E-05	-	2.94E-04	3.92E-04	1.96E-04
CAT D3K LGP Dozer	OMF	81	OMF	-	-	5.58E-05	5.58E-05	5.58E-05	5.58E-05	5.58E-05	5.58E-05	5.58E-05	5.58E-05	5.58E-05	-	1.67E-04	2.23E-04	1.12E-04
CAT D4G XL Dozer	OMF	87	OMF	-	-	1.80E-05	1.80E-05	1.80E-05	1.80E-05	1.80E-05	1.80E-05	1.80E-05	1.80E-05	1.80E-05	-	5.40E-05	7.19E-05	3.60E-05
Cncrete Saw to 11"(wo Blade)	OMF	11	OMF	-	-	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	-	3.20E-04	4.27E-04	2.13E-04
Concrete Work Tools	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Delmag D100-13 265K FT-LB	OMF	55	OMF	-	-	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	2.16E-04	-	6.49E-04	8.66E-04	4.33E-04
Delmag D80-23 212K FT-LB	OMF	55	OMF	-	-	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.45E-04	2.45E-04	-	7.34E-04	9.79E-04	4.89E-04
Flat Deck Barge - 1074 Ton	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
GroveRT700B 36.3MT RT Crane	OMF	177.1	OMF	-	-	2.18E-05	2.18E-05	2.18E-05	2.18E-05	2.18E-05	2.18E-05	2.18E-05	2.18E-05	2.18E-05	-	6.53E-05	8.70E-05	4.35E-05
GroveRT750E 50MT RT Crane	OMF	200	OMF	-	-	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	-	3.48E-04	4.63E-04	2.32E-04
Manitowoc 777 181.4 MT	OMF	340	OMF	-	-	7.19E-04	7.19E-04	7.19E-04	7.19E-04	7.19E-04	7.19E-04	7.19E-04	7.19E-04	7.19E-04	-	2.16E-03	2.88E-03	1.44E-03
Plate Compactor 25 in 11HP	OMF	4.8	OMF	-	-	2.71E-06	2.71E-06	2.71E-06	2.71E-06	2.71E-06	2.71E-06	2.71E-06	2.71E-06	2.71E-06	-	8.14E-06	1.09E-05	5.43E-06
Schwing2525 on Trk (181 y/hr	OMF	432	OMF	-	-	7.40E-04	7.40E-04	7.40E-04	7.40E-04	7.40E-04	7.40E-04	7.40E-04	7.40E-04	7.40E-04	-	2.22E-03	2.96E-03	1.48E-03
WALK-BEHIND FLOOR TROWEL36"	OMF	5.5	OMF	-	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00
Welding Machine 400 Amp	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00

	2024	2025	2026
DEMO	0.02	0.00	0.00
PAVE	0.05	0.00	0.00
BULK	0.08	0.06	0.00
DREDGE	0.21	0.12	0.00
MARINE	0.04	0.01	0.00
LAND1	0.04	0.13	0.00
OMF	0.01	0.01	0.01

Welding Machine 400 Amp	15	0	LAND1	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
O&M Facility Construction			OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Bomag 65S-2 WalkBhdn Roller 26	OMF	5.9	OMF	-	-	8.06E-06	8.06E-06	8.06E-06	8.06E-06	8.06E-06	8.06E-06	8.06E-06	8.06E-06	8.06E-06	8.06E-06	2.42E-05	3.22E-05	1.61E-05
Burning Outfit	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
CAT 320 Crawler Medium Exc	OMF	164	OMF	-	-	4.54E-06	4.54E-06	4.54E-06	4.54E-06	4.54E-06	4.54E-06	4.54E-06	4.54E-06	4.54E-06	4.54E-06	1.36E-05	1.82E-05	9.08E-06
CAT 330F Crawler Medium Exc	OMF	239	OMF	-	-	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	1.30E-04	1.74E-04	8.69E-05
CAT 345D Crawler Large Exca	OMF	380	OMF	-	-	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	3.30E-04	4.40E-04	2.20E-04
CAT 434D Tandem Roller 59"	OMF	83	OMF	-	-	3.45E-05	3.45E-05	3.45E-05	3.45E-05	3.45E-05	3.45E-05	3.45E-05	3.45E-05	3.45E-05	3.45E-05	1.03E-04	1.38E-04	6.90E-05
CAT 950G Wheel Loader 4CY	OMF	180	OMF	-	-	8.18E-05	8.18E-05	8.18E-05	8.18E-05	8.18E-05	8.18E-05	8.18E-05	8.18E-05	8.18E-05	8.18E-05	2.45E-04	3.27E-04	1.64E-04
CAT 963D LGP Track Loader	OMF	110	OMF	-	-	9.50E-05	9.50E-05	9.50E-05	9.50E-05	9.50E-05	9.50E-05	9.50E-05	9.50E-05	9.50E-05	9.50E-05	2.85E-04	3.80E-04	1.90E-04
CAT D3K LGP Dozer	OMF	81	OMF	-	-	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	1.62E-04	2.17E-04	1.08E-04
CAT D4G XL Dozer	OMF	87	OMF	-	-	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	1.74E-05	5.23E-05	6.98E-05	3.49E-05
Cncrete Saw to 11"(wo Blade)	OMF	11	OMF	-	-	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	3.10E-04	4.14E-04	2.07E-04
Concrete Work Tools	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Delmag D100-13 265K FT-LB	OMF	55	OMF	-	-	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	6.30E-04	8.40E-04	4.20E-04
Delmag D80-23 212K FT-LB	OMF	55	OMF	-	-	2.37E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	2.37E-04	7.12E-04	9.49E-04	4.75E-04
Flat Deck Barge - 1074 Ton	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
GroveRT700B 36.3MT RT Crane	OMF	177.1	OMF	-	-	2.11E-05	2.11E-05	2.11E-05	2.11E-05	2.11E-05	2.11E-05	2.11E-05	2.11E-05	2.11E-05	2.11E-05	6.33E-05	8.44E-05	4.22E-05
GroveRT750E 50MT RT Crane	OMF	200	OMF	-	-	1.12E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	1.12E-04	3.37E-04	4.49E-04	2.25E-04
Manitowoc 777 181.4 MT	OMF	340	OMF	-	-	6.98E-04	6.98E-04	6.98E-04	6.98E-04	6.98E-04	6.98E-04	6.98E-04	6.98E-04	6.98E-04	6.98E-04	2.09E-03	2.79E-03	1.40E-03
Plate Compactor 25 in 11HP	OMF	4.8	OMF	-	-	2.63E-06	2.63E-06	2.63E-06	2.63E-06	2.63E-06	2.63E-06	2.63E-06	2.63E-06	2.63E-06	2.63E-06	7.90E-06	1.05E-05	5.26E-06
Schwing2525 on Trk (181 y/hr	OMF	432	OMF	-	-	7.18E-04	7.18E-04	7.18E-04	7.18E-04	7.18E-04	7.18E-04	7.18E-04	7.18E-04	7.18E-04	7.18E-04	2.15E-03	2.87E-03	1.44E-03
WALK-BEHIND FLOOR TROWEL36"	OMF	5.5	OMF	-	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Welding Machine 400 Amp	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00

	2024	2025	2026
DEMO	0.02	0.00	0.00
PAVE	0.05	0.00	0.00
BULK	0.07	0.06	0.00
DREDGE	0.20	0.11	0.00
MARINE	0.03	0.01	0.00
LAND1	0.04	0.13	0.00
OMF	0.01	0.01	0.01

Welding Machine 400 Amp	15	0	LAND1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
O&M Facility Construction			OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Bomag 65S-2 WalkBhdn Roller 26	OMF	5.9	OMF	-	-	2.89E-05	2.89E-05	2.89E-05	2.89E-05	2.89E-05	2.89E-05	2.89E-05	2.89E-05	2.89E-05	2.89E-05	-	8.68E-05	1.16E-04	5.79E-05
Burning Outfit	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
CAT 320 Crawler Medium Exc	OMF	164	OMF	-	-	2.82E-06	2.82E-06	2.82E-06	2.82E-06	2.82E-06	2.82E-06	2.82E-06	2.82E-06	2.82E-06	2.82E-06	-	8.45E-06	1.13E-05	5.63E-06
CAT 330F Crawler Medium Exc	OMF	239	OMF	-	-	4.46E-05	4.46E-05	4.46E-05	4.46E-05	4.46E-05	4.46E-05	4.46E-05	4.46E-05	4.46E-05	4.46E-05	-	1.34E-04	1.78E-04	8.92E-05
CAT 345D Crawler Large Exca	OMF	380	OMF	-	-	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	-	3.09E-04	4.12E-04	2.06E-04
CAT 434D Tandem Roller 59"	OMF	83	OMF	-	-	2.21E-05	2.21E-05	2.21E-05	2.21E-05	2.21E-05	2.21E-05	2.21E-05	2.21E-05	2.21E-05	2.21E-05	-	6.63E-05	8.84E-05	4.42E-05
CAT 950G Wheel Loader 4CY	OMF	180	OMF	-	-	8.85E-05	8.85E-05	8.85E-05	8.85E-05	8.85E-05	8.85E-05	8.85E-05	8.85E-05	8.85E-05	8.85E-05	-	2.65E-04	3.54E-04	1.77E-04
CAT 963D LGP Track Loader	OMF	110	OMF	-	-	1.29E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	1.29E-04	-	3.88E-04	5.18E-04	2.59E-04
CAT D3K LGP Dozer	OMF	81	OMF	-	-	2.35E-05	2.35E-05	2.35E-05	2.35E-05	2.35E-05	2.35E-05	2.35E-05	2.35E-05	2.35E-05	2.35E-05	-	7.06E-05	9.42E-05	4.71E-05
CAT D4G XL Dozer	OMF	87	OMF	-	-	7.59E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	7.59E-06	-	2.28E-05	3.03E-05	1.52E-05
Cncrete Saw to 11"(wo Blade)	OMF	11	OMF	-	-	3.68E-04	3.68E-04	3.68E-04	3.68E-04	3.68E-04	3.68E-04	3.68E-04	3.68E-04	3.68E-04	3.68E-04	-	1.10E-03	1.47E-03	7.37E-04
Concrete Work Tools	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
Delmag D100-13 265K FT-LB	OMF	55	OMF	-	-	2.78E-04	2.78E-04	2.78E-04	2.78E-04	2.78E-04	2.78E-04	2.78E-04	2.78E-04	2.78E-04	2.78E-04	-	8.35E-04	1.11E-03	5.57E-04
Delmag D80-23 212K FT-LB	OMF	55	OMF	-	-	3.15E-04	3.15E-04	3.15E-04	3.15E-04	3.15E-04	3.15E-04	3.15E-04	3.15E-04	3.15E-04	3.15E-04	-	9.44E-04	1.26E-03	6.29E-04
Flat Deck Barge - 1074 Ton	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00
GroveRT700B 36.3MT RT Crane	OMF	177.1	OMF	-	-	3.17E-05	3.17E-05	3.17E-05	3.17E-05	3.17E-05	3.17E-05	3.17E-05	3.17E-05	3.17E-05	3.17E-05	-	9.51E-05	1.27E-04	6.34E-05
GroveRT750E 50MT RT Crane	OMF	200	OMF	-	-	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	1.69E-04	-	5.06E-04	6.75E-04	3.38E-04
Manitowoc 777 181.4 MT	OMF	340	OMF	-	-	9.11E-04	9.11E-04	9.11E-04	9.11E-04	9.11E-04	9.11E-04	9.11E-04	9.11E-04	9.11E-04	9.11E-04	-	2.73E-03	3.64E-03	1.82E-03
Plate Compactor 25 in 11HP	OMF	4.8	OMF	-	-	8.37E-06	8.37E-06	8.37E-06	8.37E-06	8.37E-06	8.37E-06	8.37E-06	8.37E-06	8.37E-06	8.37E-06	-	2.51E-05	3.35E-05	1.67E-05
Schwing2525 on Trk (181 y/hr	OMF	432	OMF	-	-	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	-	3.04E-03	4.06E-03	2.03E-03
WALK-BEHIND FLOOR TROWEL36"	OMF	5.5	OMF	-	-	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-	0.00E+00	0.00E+00	0.00E+00
Welding Machine 400 Amp	OMF	0	OMF	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00E+00	0.00E+00	0.00E+00

	2024	2025	2026
DEMO	0.02	0.00	0.00
PAVE	0.04	0.00	0.00
BULK	0.10	0.08	0.00
DREDGE	0.25	0.16	0.00
MARINE	0.04	0.01	0.00
LAND1	0.06	0.18	0.00
OMF	0.01	0.01	0.01