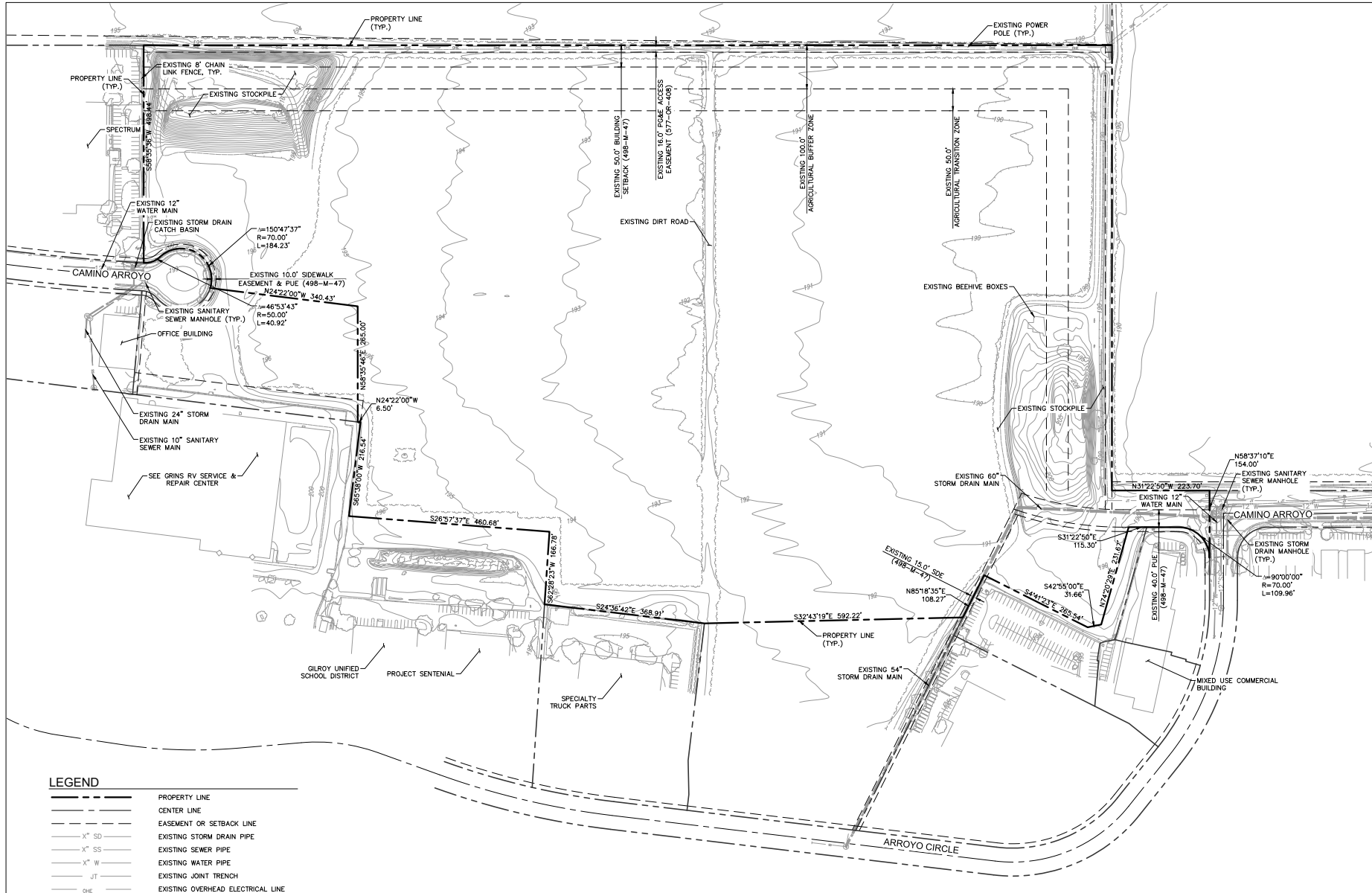


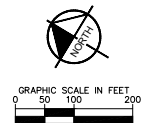
DOCKETED	
Docket Number:	20-SPPE-03
Project Title:	Gilroy Backup Generating Facility
TN #:	237425
Document Title:	GBGF Revised AQIA - Appendices A-1 thorough A-6 Revised
Description:	N/A
Filer:	Scott Galati
Organization:	DayZenLLC
Submitter Role:	Applicant Representative
Submission Date:	4/12/2021 2:59:24 PM
Docketed Date:	4/12/2021

APPENDIX A-1: SITE PLANS



LEGEND

---	PROPERTY LINE
---	CENTER LINE
---	EASEMENT OR SETBACK LINE
-X"-SD	EXISTING STORM DRAIN PIPE
-X"-SS	EXISTING SEWER PIPE
-X"-W	EXISTING WATER PIPE
-JT	EXISTING JOINT TRENCH
-OHE	EXISTING OVERHEAD ELECTRICAL LINE



PROJECT ADDRESS

CAMINO ARROYO
GILROY, CA 95020

ARCHITECTURAL CONSULTANT

WHL INC.
DUTCH WICKES
1245 WILSON
350 N SAINT PAUL ST., SUITE 100
DALLAS, TX 75201-4240

STRUCTURAL ENGINEER

HKS INC.
CLINT WASH
1214 WILSON
350 N SAINT PAUL ST., SUITE 100
DALLAS TX 75201-4240

ELECTRICAL ENGINEER

RYAN FLEMING
2050 295 7918
CAMINO ARROYO
GILROY, CA 95020

MECHANICAL/PLUMBING ENGINEER

STEVE GRAYSON, PE
2050 295 4002
CAMINO ARROYO
GILROY, CA 95020

CIVIL ENGINEER

KIMLEY HORN
MILES R JOHNSON, PE
609 800-4140
4037 CHARDOT DRIVE, SUITE 300
PLEASANTON, CA 94588

LANDSCAPE ARCHITECT

KIMLEY HORN
MATTHEW MORGAN, PLA
408 785-5518
20 ALMADEN BLVD., SUITE 1250
SAN JOSE, CA 95113

PROJECT DELIVERY PACKAGE

ISSUE FOR BID

PROJECT: **CAMINO ARROYO - BUILDING 1**

SHEET TITLE: **EXISTING CONDITIONS**

CONFIDENTIAL

REVISIONS

MARK	DATE	DESCRIPTION
A	07/26/2020	ISSUE FOR 50% REVIEW
B	10/26/2020	ISSUE FOR 80% REVIEW
C	10/26/2020	100% CD
D	09/02/2020	ISSUE FOR BID

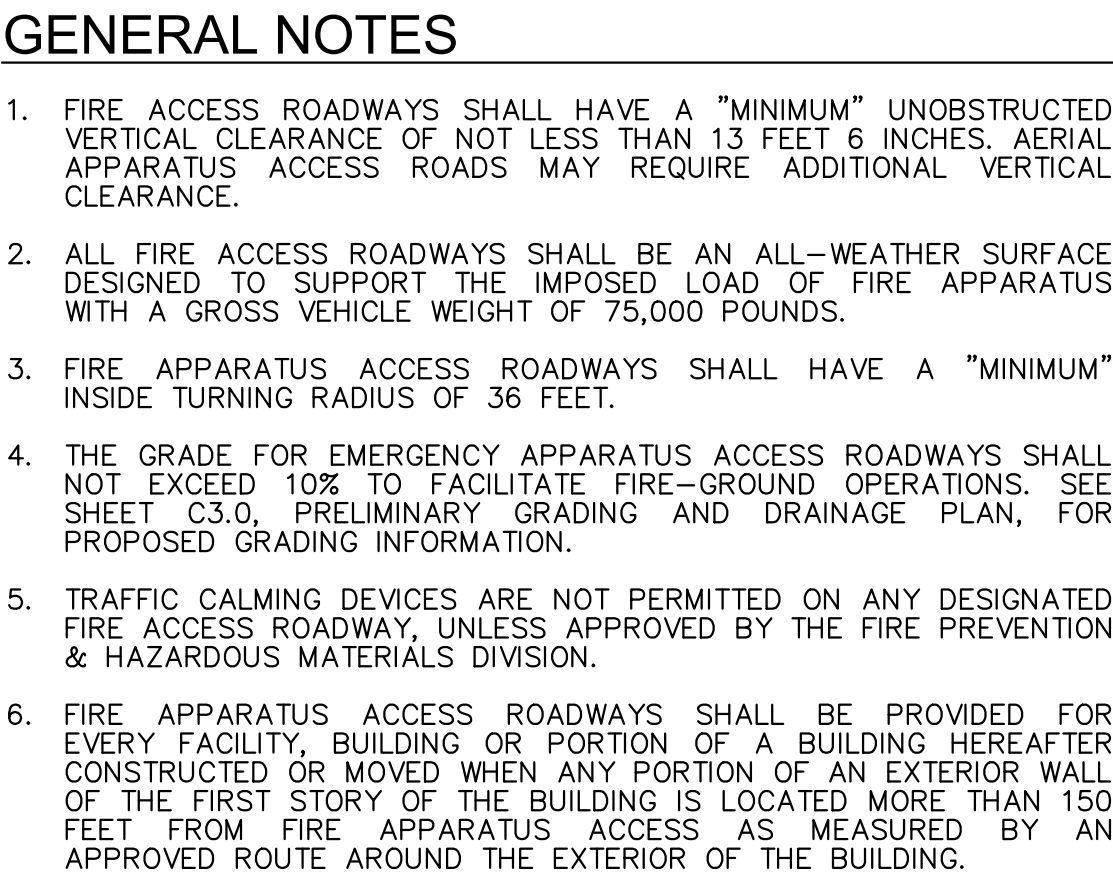
SEAL/SIGNATURE

Professional Engineer Seal
STATE OF CALIFORNIA
CIVIL
10111

THESE DRAWINGS ARE THE PROPERTY OF KIMLEY HORN & ASSOCIATES, INC. AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF KIMLEY HORN & ASSOCIATES, INC.

ISSUE DATE: 09/02/2020 KH PROJECT NO: 15735002
DESIGNED: JAK ENGINEER: MRJ
DRAWING NUMBER: **C100**

CONFIDENTIAL INFORMATION: This drawing/document and all designs, details, inventions or developments created or derived hereby are confidential and the exclusive property of the owner (or its affiliates), which reserve all rights in this drawing/document. Copying, reproduction, duplication, or distribution to a third party, in whole or in part, is forbidden unless expressly authorized in writing.



CONFIDENTIAL

CONFIDENTIAL INFORMATION. This drawing/document and all designs, details, inventions or developments covered or derived hereby are confidential and the exclusive property of the owner (or affiliates), which reserve all rights in this drawing/document. Copying, reproduction, duplication, or distribution to a third party, in whole or part, is forbidden unless expressly authorized in writing.

GRAPHIC SCALE IN FEET

0 50 100 200

APPENDIX A-2: EQUIPMENT SPECIFICATIONS

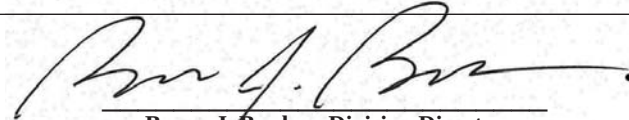


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2020 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Caterpillar Inc.
(U.S. Manufacturer or Importer)
Certificate Number: LCPXL78.1NZS-022

Effective Date:
07/25/2019
Expiration Date:
12/31/2020


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/25/2019
Revision Date:
N/A

Model Year: 2020
Manufacturer Type: Original Engine Manufacturer
Engine Family: LCPXL78.1NZS

Mobile/Stationary Indicator: Stationary
Emissions Power Category: kW>560
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

Performance Number: EM1894

Change Level: 04

SALES MODEL:	3516C	COMBUSTION:	DIRECT INJECTION
BRAND:	CAT	ENGINE SPEED (RPM):	1,800
ENGINE POWER (BHP):	3,634	HERTZ:	60
GEN POWER WITH FAN (EKW):	2,500.0	FAN POWER (HP):	130.1
COMPRESSION RATIO:	14.7	ASPIRATION:	TA
RATING LEVEL:	STANDBY	AFTERCOOLER TYPE:	ATAAC
PUMP QUANTITY:	1	AFTERCOOLER CIRCUIT TYPE:	JW+OC, ATAAC
FUEL TYPE:	DIESEL	INLET MANIFOLD AIR TEMP (F):	122
MANIFOLD TYPE:	DRY	JACKET WATER TEMP (F):	219.2
GOVERNOR TYPE:	ADEM3	TURBO CONFIGURATION:	PARALLEL
ELECTRONICS TYPE:	ADEM3	TURBO QUANTITY:	4
CAMSHAFT TYPE:	STANDARD	TURBOCHARGER MODEL:	GT6041BN-48T-1.10
IGNITION TYPE:	CI	CERTIFICATION YEAR:	2006
INJECTOR TYPE:	EUI	CRANKCASE BLOWBY RATE (FT3/HR):	3,619.4
FUEL INJECTOR:	3920221	FUEL RATE (RATED RPM) NO LOAD (GAL/HR):	16.0
UNIT INJECTOR TIMING (IN):	64.34	PISTON SPD @ RATED ENG SPD (FT/MIN):	2,539.4
REF EXH STACK DIAMETER (IN):	12		
MAX OPERATING ALTITUDE (FT):	2,953		

INDUSTRY	SUBINDUSTRY	APPLICATION
ELECTRIC POWER	STANDARD	PACKAGED GENSET
OIL AND GAS	LAND PRODUCTION	PACKAGED GENSET

General Performance Data

THIS STANDBY RATING IS FOR A STANDBY ONLY ENGINE ARRANGEMENT. RERATING THE ENGINE TO A PRIME OR CONTINUOUS RATING IS NOT PERMITTED.

THE INLET MANIFOLD AIR TEMP LISTED IN THE HEADER, AND IN THE GENERAL PERFORMANCE DATA, IS THE AVERAGE INLET MANIFOLD TEMP FRONT TO REAR ON THE ENGINE.

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	BRAKE MEAN EFF PRES (BMEP)	BRAKE SPEC FUEL CONSUMPTN (BSFC)	VOL FUEL CONSUMPTN (VFC)	INLET MFLD PRES	INLET MFLD TEMP	EXH MFLD TEMP	EXH MFLD PRES	ENGINE OUTLET TEMP
EKW	%	BHP	PSI	LB/BHP-HR	GAL/HR	IN-HG	DEG F	DEG F	IN-HG	DEG F
2,500.0	100	3,633	336	0.334	171.3	78.1	121.9	1,235.6	67.6	915.2
2,250.0	90	3,283	303	0.335	155.1	71.3	119.4	1,190.0	61.3	881.2
2,000.0	80	2,935	271	0.339	140.4	64.3	116.9	1,158.9	55.3	864.0
1,875.0	75	2,760	255	0.342	133.2	60.7	115.8	1,145.6	52.3	858.5
1,750.0	70	2,586	239	0.346	125.9	57.0	114.7	1,133.3	49.3	854.6
1,500.0	60	2,237	207	0.354	111.5	49.5	112.7	1,112.4	43.2	851.2
1,250.0	50	1,889	174	0.365	97.1	41.3	111.0	1,091.8	36.8	850.7
1,000.0	40	1,547	143	0.373	81.4	31.4	109.4	1,061.5	29.3	856.6
750.0	30	1,203	111	0.385	65.3	21.7	107.9	1,010.3	22.1	848.2
625.0	25	1,029	95	0.394	57.2	17.2	107.2	968.3	18.7	831.1
500.0	20	854	79	0.403	48.6	12.7	106.4	902.0	15.5	796.1
250.0	10	497	46	0.441	30.9	4.8	104.1	700.7	9.8	647.3

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	COMPRESSOR OUTLET PRES	COMPRESSOR OUTLET TEMP	WET INLET AIR VOL FLOW RATE	ENGINE OUTLET WET EXH GAS VOL FLOW RATE	WET INLET AIR MASS FLOW RATE	WET EXH GAS MASS FLOW RATE	WET EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)	DRY EXH VOL FLOW RATE (32 DEG F AND 29.98 IN HG)
EKW	%	BHP	IN-HG	DEG F	CFM	CFM	LB/HR	LB/HR	FT3/MIN	FT3/MIN
2,500.0	100	3,633	85	466.7	7,212.2	19,578.8	32,046.3	33,260.4	7,001.7	6,362.4
2,250.0	90	3,283	78	443.0	6,831.8	17,980.7	30,219.3	31,318.8	6,593.0	6,013.7
2,000.0	80	2,935	70	417.8	6,404.5	16,560.6	28,284.6	29,277.2	6,151.5	5,625.4
1,875.0	75	2,760	66	404.7	6,173.3	15,893.2	27,261.3	28,202.4	5,928.1	5,427.1
1,750.0	70	2,586	63	391.2	5,929.9	15,232.6	26,196.0	27,086.8	5,698.4	5,222.0
1,500.0	60	2,237	55	363.5	5,411.9	13,879.0	23,947.5	24,739.5	5,205.5	4,779.1
1,250.0	50	1,889	46	334.6	4,843.3	12,413.0	21,444.3	22,133.2	4,657.5	4,283.2
1,000.0	40	1,547	36	297.5	4,121.4	10,609.5	18,262.0	18,840.0	3,963.0	3,647.2
750.0	30	1,203	25	249.8	3,423.0	8,763.8	15,175.3	15,640.3	3,294.6	3,037.8
625.0	25	1,029	21	223.4	3,104.6	7,844.6	13,765.1	14,171.8	2,988.1	2,760.8
500.0	20	854	16	197.2	2,791.2	6,823.5	12,376.2	12,722.2	2,671.7	2,476.1
250.0	10	497	7	152.3	2,237.9	4,800.2	9,917.6	10,136.8	2,132.0	1,999.8

Heat Rejection Data

GENSET POWER WITH FAN	PERCENT LOAD	ENGINE POWER	REJECTION TO JACKET WATER	REJECTION TO ATMOSPHERE	REJECTION TO EXH	EXHAUST RECOVERY TO 350F	FROM OIL COOLER	FROM AFTERCOOLER	WORK ENERGY	LOW HEAT VALUE ENERGY	HIGH HEAT VALUE ENERGY
EKW	%	BHP	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN	BTU/MIN
2,500.0	100	3,633	46,992	9,146	142,265	79,907	19,835	44,723	154,077	372,403	396,702
2,250.0	90	3,283	44,242	8,557	127,929	70,449	17,960	39,380	139,243	337,204	359,207
2,000.0	80	2,935	41,477	8,162	116,879	63,561	16,262	34,167	124,444	305,311	325,233
1,875.0	75	2,760	40,076	8,007	111,588	60,518	15,425	31,612	117,053	289,608	308,505
1,750.0	70	2,586	38,657	7,874	106,293	57,637	14,588	29,085	109,651	273,881	291,752
1,500.0	60	2,237	35,755	7,684	95,729	52,220	12,915	24,201	94,874	242,485	258,307
1,250.0	50	1,889	32,626	7,527	85,184	46,626	11,245	19,401	80,109	211,118	224,893
1,000.0	40	1,547	29,235	7,262	72,693	40,153	9,427	13,873	65,583	176,995	188,544
750.0	30	1,203	25,476	6,784	59,425	32,726	7,565	8,706	51,005	142,037	151,305
625.0	25	1,029	23,394	6,435	52,542	28,568	6,621	6,496	43,653	124,317	132,429
500.0	20	854	21,006	5,995	44,739	23,683	5,624	4,534	36,223	105,594	112,484
250.0	10	497	15,737	5,026	27,795	12,371	3,578	1,916	21,071	67,181	71,564

Sound Data

SOUND PRESSURE DATA FOR THIS RATING CAN BE FOUND IN PERFORMANCE NUMBER - DM8779.

Emissions Data

RATED SPEED POTENTIAL SITE VARIATION: 1800 RPM

GENSET POWER WITH FAN	EKW	2,500.0	1,875.0	1,250.0	625.0	250.0
PERCENT LOAD	%	100	75	50	25	10
ENGINE POWER	BHP	3,633	2,760	1,889	1,029	497
TOTAL NOX (AS NO2)	G/HR	22,948	14,101	7,004	3,568	3,185
TOTAL CO	G/HR	2,726	1,304	1,092	1,496	2,098
TOTAL HC	G/HR	500	499	543	408	437
PART MATTER	G/HR	185.5	123.7	132.1	139.5	141.0
TOTAL NOX (AS NO2)	(CORR 5% O2) MG/NM3	2,818.9	2,229.5	1,544.3	1,352.7	2,230.2
TOTAL CO	(CORR 5% O2) MG/NM3	351.8	213.9	252.3	594.6	1,552.7
TOTAL HC	(CORR 5% O2) MG/NM3	55.9	72.8	108.8	140.7	282.4
PART MATTER	(CORR 5% O2) MG/NM3	19.7	16.5	25.8	48.5	88.2
TOTAL NOX (AS NO2)	(CORR 5% O2) PPM	1,373	1,086	752	659	1,086
TOTAL CO	(CORR 5% O2) PPM	281	171	202	476	1,242
TOTAL HC	(CORR 5% O2) PPM	104	136	203	263	527
TOTAL NOX (AS NO2)	G/HP-HR	6.38	5.15	3.74	3.50	6.47
TOTAL CO	G/HP-HR	0.76	0.48	0.58	1.47	4.26
TOTAL HC	G/HP-HR	0.14	0.18	0.29	0.40	0.89
PART MATTER	G/HP-HR	0.05	0.05	0.07	0.14	0.29
TOTAL NOX (AS NO2)	LB/HR	50.59	31.09	15.44	7.87	7.02
TOTAL CO	LB/HR	6.01	2.88	2.41	3.30	4.62
TOTAL HC	LB/HR	1.10	1.10	1.20	0.90	0.96
PART MATTER	LB/HR	0.41	0.27	0.29	0.31	0.31

RATED SPEED NOMINAL DATA: 1800 RPM

GENSET POWER WITH FAN	EKW	2,500.0	1,875.0	1,250.0	625.0	250.0
PERCENT LOAD	%	100	75	50	25	10
ENGINE POWER	BHP	3,633	2,760	1,889	1,029	497
TOTAL NOX (AS NO2)	G/HR	19,123	11,751	5,837	2,974	2,654
TOTAL CO	G/HR	1,515	725	607	831	1,165
TOTAL HC	G/HR	376	375	408	307	329
TOTAL CO2	KG/HR	1,740	1,340	966	559	296
PART MATTER	G/HR	132.5	88.4	94.3	99.6	100.7
TOTAL NOX (AS NO2)	(CORR 5% O2) MG/NM3	2,349.1	1,857.9	1,286.9	1,127.3	1,858.5
TOTAL CO	(CORR 5% O2) MG/NM3	195.4	118.8	140.1	330.3	862.6
TOTAL HC	(CORR 5% O2) MG/NM3	42.1	54.8	81.8	105.8	212.3
PART MATTER	(CORR 5% O2) MG/NM3	14.1	11.8	18.4	34.7	63.0
TOTAL NOX (AS NO2)	(CORR 5% O2) PPM	1,144	905	627	549	905

PERFORMANCE DATA[EM1894]

May 14, 2020

TOTAL CO	(CORR 5% O2)	PPM	156	95	112	264	690
TOTAL HC	(CORR 5% O2)	PPM	79	102	153	197	396
TOTAL NOX (AS NO2)		G/HP-HR	5.32	4.30	3.12	2.92	5.39
TOTAL CO		G/HP-HR	0.42	0.26	0.32	0.82	2.37
TOTAL HC		G/HP-HR	0.10	0.14	0.22	0.30	0.67
PART MATTER		G/HP-HR	0.04	0.03	0.05	0.10	0.20
TOTAL NOX (AS NO2)		LB/HR	42.16	25.91	12.87	6.56	5.85
TOTAL CO		LB/HR	3.34	1.60	1.34	1.83	2.57
TOTAL HC		LB/HR	0.83	0.83	0.90	0.68	0.72
TOTAL CO2		LB/HR	3,836	2,955	2,130	1,233	654
PART MATTER		LB/HR	0.29	0.19	0.21	0.22	0.22
OXYGEN IN EXH		%	9.4	10.4	11.3	12.2	14.4
DRY SMOKE OPACITY		%	1.7	1.4	1.9	2.6	4.0
BOSCH SMOKE NUMBER			0.58	0.49	0.62	0.92	1.27

Regulatory Information

EPA EMERGENCY STATIONARY		2011 - ----		
GASEOUS EMISSIONS DATA MEASUREMENTS PROVIDED TO THE EPA ARE CONSISTENT WITH THOSE DESCRIBED IN EPA 40 CFR PART 60 SUBPART IIII AND ISO 8178 FOR MEASURING HC, CO, PM, AND NOX. THE "MAX LIMITS" SHOWN BELOW ARE WEIGHTED CYCLE AVERAGES AND ARE IN COMPLIANCE WITH THE EMERGENCY STATIONARY REGULATIONS.				
Locality	Agency	Regulation	Tier/Stage	Max Limits - G/BKW - HR
U.S. (INCL CALIF)	EPA	STATIONARY	EMERGENCY STATIONARY	CO: 3.5 NOx + HC: 6.4 PM: 0.20

Altitude Derate Data

ALTITUDE CORRECTED POWER CAPABILITY (BHP)

AMBIENT OPERATING TEMP (F)	30	40	50	60	70	80	90	100	110	120	NORMAL
ALTITUDE (FT)											
0	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634
1,000	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,561	3,634
2,000	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,604	3,541	3,480	3,634
3,000	3,628	3,628	3,628	3,628	3,628	3,603	3,537	3,474	3,413	3,354	3,628
4,000	3,504	3,504	3,504	3,504	3,504	3,471	3,408	3,347	3,289	3,232	3,504
5,000	3,384	3,384	3,384	3,384	3,384	3,344	3,283	3,225	3,168	3,113	3,384
6,000	3,269	3,269	3,269	3,269	3,269	3,221	3,162	3,105	3,051	2,998	3,269
7,000	3,159	3,159	3,159	3,159	3,159	3,101	3,044	2,990	2,937	2,887	3,159
8,000	3,052	3,052	3,052	3,052	3,041	2,985	2,930	2,878	2,827	2,779	3,052
9,000	2,950	2,950	2,950	2,950	2,926	2,872	2,820	2,769	2,721	2,674	2,950
10,000	2,851	2,851	2,851	2,851	2,815	2,763	2,713	2,664	2,617	2,544	2,851

Cross Reference

Test Spec	Setting	Engine Arrangement	Engineering Model	Engineering Model Version	Start Effective Serial Number	End Effective Serial Number
4577175	LL1857	5084280	GS336	-	SBK02483	
4581566	LL6759	5157721	PG243	-	LYM00001	

Supplementary Data

Type	Classification	Performance Number
SOUND	SOUND PRESSURE	DM8779

Performance Parameter Reference

Parameters Reference:DM9600-11
PERFORMANCE DEFINITIONS

PERFORMANCE DEFINITIONS DM9600

APPLICATION:

Engine performance tolerance values below are representative of a typical production engine tested in a calibrated dynamometer test cell at SAE J1995 standard reference conditions. Caterpillar maintains ISO9001:2000 certified quality management systems for engine test Facilities to assure accurate calibration of test equipment. Engine test data is corrected in accordance with SAE J1995. Additional reference material SAE J1228, J1349, ISO 8665, 3046-1:2002E, 3046-3:1989, 1585, 2534, 2288, and 9249 may apply in part or are similar to SAE J1995. Special engine rating request (SERR) test data shall be noted.

PERFORMANCE PARAMETER TOLERANCE FACTORS:

Power +/- 3%

Torque +/- 3%

Exhaust stack temperature +/- 8%

Inlet airflow +/- 5%

Intake manifold pressure-gage +/- 10%

Exhaust flow +/- 6%

Specific fuel consumption +/- 3%

Fuel rate +/- 5%

Specific DEF consumption +/- 3%

DEF rate +/- 5%

Heat rejection +/- 5%

Heat rejection exhaust only +/- 10%

Heat rejection CEM only +/- 10%

Heat Rejection values based on using treated water.

Torque is included for truck and industrial applications, do not use for Gen Set or steady state applications.

On C7 - C18 engines, at speeds of 1100 RPM and under these values are provided for reference only, and may not meet the tolerance listed.

These values do not apply to C280/3600. For these models, see the tolerances listed below.

C280/3600 HEAT REJECTION TOLERANCE FACTORS:

Heat rejection +/- 10%

Heat rejection to Atmosphere +/- 50%

Heat rejection to Lube Oil +/- 20%

Heat rejection to Aftercooler +/- 5%

TEST CELL TRANSDUCER TOLERANCE FACTORS:

Torque +/- 0.5%

Speed +/- 0.2%

Fuel flow +/- 1.0%

Temperature +/- 2.0 C degrees

Intake manifold pressure +/- 0.1 kPa

OBSERVED ENGINE PERFORMANCE IS CORRECTED TO SAE J1995 REFERENCE AIR AND FUEL CONDITIONS.

REFERENCE ATMOSPHERIC INLET AIR

FOR 3500 ENGINES AND SMALLER

SAE J1228 AUG2002 for marine engines, and J1995 JAN2014 for other engines, reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity at the stated aftercooler water temp, or inlet manifold temp.

FOR 3600 ENGINES

Engine rating obtained and presented in accordance with ISO 3046/1 and SAE J1995 JANJAN2014 reference atmospheric pressure is 100 KPA (29.61 in hg), and standard temperature is 25deg C (77 deg F) at 30% relative humidity and 150M altitude at the stated aftercooler water temperature.

MEASUREMENT LOCATION FOR INLET AIR TEMPERATURE

Location for air temperature measurement air cleaner inlet at stabilized operating conditions.

REFERENCE EXHAUST STACK DIAMETER

The Reference Exhaust Stack Diameter published with this dataset is only used for the calculation of Smoke Opacity values displayed in this dataset. This value does not necessarily represent the actual stack diameter of the engine due to the variety of exhaust stack adapter options available. Consult the price list, engine order or general dimension drawings for the actual stack diameter size ordered or options available.

REFERENCE FUEL

DIESEL

Reference fuel is #2 distillate diesel with a 35API gravity;

A lower heating value is 42,780 KJ/KG (18,390 BTU/LB) when used at 29 deg C (84.2 deg F), where the density is 838.9 G/Liter (7.001 Lbs/Gal).

GAS

Reference natural gas fuel has a lower heating value of 33.74 KJ/L (905 BTU/CU Ft). Low BTU ratings are based on 18.64 KJ/L (500 BTU/CU FT) lower heating value gas. Propane ratings are based on 87.56 KJ/L (2350 BTU/CU Ft) lower heating value gas.

PERFORMANCE DATA[EM1894]

May 14, 2020

ENGINE POWER (NET) IS THE CORRECTED FLYWHEEL POWER (GROSS) LESS EXTERNAL AUXILIARY LOAD

Engine corrected gross output includes the power required to drive standard equipment; lube oil, scavenge lube oil, fuel transfer, common rail fuel, separate circuit aftercooler and jacket water pumps. Engine net power available for the external (flywheel) load is calculated by subtracting the sum of auxiliary load from the corrected gross flywheel out put power. Typical auxiliary loads are radiator cooling fans, hydraulic pumps, air compressors and battery charging alternators. For Tier 4 ratings additional Parasitic losses would also include Intake, and Exhaust Restrictions.

ALTITUDE CAPABILITY

Altitude capability is the maximum altitude above sea level at standard temperature and standard pressure at which the engine could develop full rated output power on the current performance data set.

Standard temperature values versus altitude could be seen on TM2001.

When viewing the altitude capability chart the ambient temperature is the inlet air temp at the compressor inlet.

Engines with ADEM MEUI and HEUI fuel systems operating at conditions above the defined altitude capability derate for atmospheric pressure and temperature conditions outside the values defined, see TM2001.

Mechanical governor controlled unit injector engines require a setting change for operation at conditions above the altitude defined on the engine performance sheet. See your Caterpillar technical representative for non standard ratings.

REGULATIONS AND PRODUCT COMPLIANCE

TMI Emissions information is presented at 'nominal' and 'Potential Site Variation' values for standard ratings. No tolerances are applied to the emissions data. These values are subject to change at any time. The controlling federal and local emission requirements need to be verified by your Caterpillar technical representative.

Customer's may have special emission site requirements that need to be verified by the Caterpillar Product Group engineer.

EMISSION CYCLE LIMITS:

Cycle emissions Max Limits apply to cycle-weighted averages only. Emissions at individual load points may exceed the cycle-weighted limit.

EMISSIONS DEFINITIONS:

Emissions : DM1176

EMISSION CYCLE DEFINITIONS

- 1. For constant-speed marine engines for ship main propulsion, including,diesel-electric drive, test cycle E2 shall be applied, for controllable-pitch propeller sets test cycle E2 shall be applied.
- 2. For propeller-law-operated main and propeller-law-operated auxiliary engines the test cycle E3 shall be applied.
- 3. For constant-speed auxiliary engines test cycle D2 shall be applied.
- 4. For variable-speed, variable-load auxiliary engines, not included above, test cycle C1 shall be applied.

HEAT REJECTION DEFINITIONS:

Diesel Circuit Type and HHV Balance : DM9500

HIGH DISPLACEMENT (HD) DEFINITIONS:

3500: EM1500

RATING DEFINITIONS:

Agriculture : TM6008

Fire Pump : TM6009

Generator Set : TM6035

Generator (Gas) : TM6041

Industrial Diesel : TM6010

Industrial (Gas) : TM6040

Irrigation : TM5749

Locomotive : TM6037

Marine Auxiliary : TM6036

Marine Prop (Except 3600) : TM5747

Marine Prop (3600 only) : TM5748

MSHA : TM6042

Oil Field (Petroleum) : TM6011

Off-Highway Truck : TM6039

On-Highway Truck : TM6038

SOUND DEFINITIONS:

Sound Power : DM8702

Sound Pressure : TM7080

Date Released : 07/10/19



REMOVABLE SOUND PLENUM OPTIONS	
D =	Sound option
None	No sound Option
18"	85 dba
30"	75 dba
48"	65 dba



**JOHNSON
THERMAL
SYSTEMS**

APP BY:	DATE:
SC	01-19-21

DESCRIPTION: ISSUED FOR CONCEPTUAL

REV:	DATE:	BY:
SC	01-19-21	SC

**ISSUED FOR
CONCEPTUAL**

THE INFORMATION ON THIS DOCUMENT IS INTENDED ONLY AS CONCEPTUAL INFORMATION. THIS IS NOT INTENDED AS A SUBMITTAL FOR CONSTRUCTION PURPOSES.

PROPRIETARY NOTICE

THIS DRAWING CONTAINS DESIGNS AND OTHER INFORMATION WHICH ARE THE PROPERTY OF JTS, LLC. EXCEPT FOR THE RIGHTS GRANTED EXPRESSLY BY CONTRACT, THIS DRAWING MAY NOT BE DISCLOSED OR DUPLICATED IN WHOLE OR IN PART OR USED FOR MANUFACTURE OF DESIGNS DISCLOSED HEREIN WITHOUT THE PRIOR WRITTEN PERMISSION OF JTS, LLC.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
DO NOT SCALE

DO NOT SCALE	
DRAWN BY: SC	DATE: 01-09-21

CHECKED BY:	DATE:
SC	01-09-21

APPROVED BY:	DATE:
SC	01-09-21

PROJECT NAME:

OPTDC ONE DESIGN

PROJECT LOCATION:

CLIENT NAME:

— — —

QUOTE NUMBER: Q-2948-1

CUSTOMER PO NUMBER

JOB NUMBER:

DRAWING DESCRIPTION:

GENERAL ASSEMBLY

DRAWING NO: G-101A	REV C

SHEET 1 OF 3

SHEET 1 OF 3

SHEET 1 OF 3

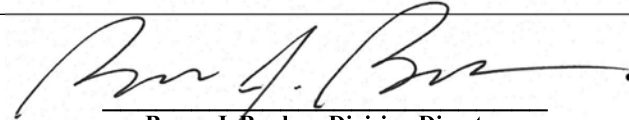


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2020 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Caterpillar Inc.
(U.S. Manufacturer or Importer)
Certificate Number: LCPXL18.1NYS-019

Effective Date:
07/25/2019
Expiration Date:
12/31/2020


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
07/25/2019
Revision Date:
N/A

Model Year: 2020
Manufacturer Type: Original Engine Manufacturer
Engine Family: LCPXL18.1NYS

Mobile/Stationary Indicator: Stationary
Emissions Power Category: 560<kW<=2237
Fuel Type: Diesel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

Application & Performance Warranty Data

Project Information

Site Location:	Bay Area, CA
Project Name:	SFO
Application:	Standby Power
Number Of Engines:	4
Operating Hours per Year:	100

Engine Specifications

Engine Manufacturer:	Caterpillar
Model Number:	3516C
Rated Speed:	1800 RPM
Generator Power:	2500 ekW
Type of Fuel:	Ultra-Low Sulfur Diesel (ULSD)
Type of Lube Oil:	1 wt% sulfated ash or less
Lube Oil Consumption:	0.1 % Fuel Consumption
Number of Exhaust Manifolds:	1

Engine Cycle Data

Load	Speed	Power	Exhaust Flow	Exhaust Temp.	Fuel Cons.	NO _x	CO	NMHC	NMNEHC	PM ₁₀	O ₂	H ₂ O
%		bhp	acfm (cfm)	F		g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	g/bhp-hr	%	%
100	Rated	3,633	19,579	915		6.38	0.76	0.14	0.14	0.05	9.4	10

Emission Data (100% Load)

Emission	Raw Engine Emissions						Target Outlet Emissions						Calculated Reduction
	g/bhp-hr	tons/yr	ppmvd @ 15% O ₂	ppmvd	g/kW-hr	lb/MW-hr	g/bhp-hr	tons/yr	ppmvd @ 15% O ₂	ppmvd	g/kW-hr	lb/MW-hr	
NO _x *	6.38	2.55	541	1,054	8.556	18.86	0.5	0.2	42	83	0.671	1.48	92.2%
CO	0.76	0.3	106	206	1.019	2.25	2.6	1.04	362	705	3.487	7.69	
NMHC**	0.14	0.06	34	66	0.188	0.41	0.14	0.06	34	66	0.188	0.41	
PM ₁₀	0.05	0.02	16	32	0.067	0.15	0.02	0.01	6	13	0.027	0.06	60%

* MW referenced as NO₂

** MW referenced as CH₄. Propane in the exhaust shall not exceed 15% by volume of the NMHC compounds in the exhaust, excluding aldehydes. The 15% (vol.) shall be established on a wet basis, reported on a methane molecular weight basis. The measurement of exhaust NMHC composition shall be based upon EPA method 320 (FTIR), and shall exclude formaldehyde.

System Specifications

SCR/DOC/DPF System Specifications (SP-AT-IV-8-21010082, ACIS-3 Lite, Commissioning & Startup)

Design Exhaust Flow Rate:	19,579 acfm (cfm)
Design Exhaust Temperature ¹ :	915°F
System Pressure Loss:	20.0 inches of WC (Clean) (49.8 mBar)
Sound Attenuation:	Critical Grade
Exhaust Temperature Limits:	572 – 977°F (300 – 525°C)
Minimum Regeneration Temperature ² :	500°F (260°C)
Reactant:	Urea
Percent Concentration:	32.5%
System Dosing Capacity:	60 L/hr
Estimated Reactant Consumption:	13.8 gal/hr (52.1 L/hr) / Per Engine

MIRATECH Scope of Supply & Equipment Details

	Model Number	Quantity
Selective Catalytic Reduction Housing	SP-AT-IV-8-21010082	1 / engine
SCR Housing	SP-AT-IV-8-21010082-HSG	1 / engine
• Material	Carbon Steel	
• Paint	MIRATECH Coating System II - High Temperature Dark Grey - Insulated Surfaces	
• Inlet Pipe Size & Connection	24 inch FF Flange, 150# ANSI standard bolt pattern	
• Outlet Pipe Size & Connection	26 inch FF Flange, 150# ANSI standard bolt pattern	
• Door Location	Sides	
Tray Set	Tray Set-AT-IV-8-450mm	2 / engine
AT-IV RYPOS Kit	SP-AT-IV-8-RYPOS-KIT	1 / engine
SCR Catalyst	SCRC-044-075-450	128 / engine
Oxidation Catalyst	MECB-OXZ-SB3100-2100-21040014	2 / engine
AT-IV Assembly Kit	SP-AT-IV-8 Assembly Kit	1 / engine
SCR Control System	ACIS-3 Lite	1 / engine
SCR Controller	OLC-60-HMI	1 / engine
• Overall Dimensions	24.110 W x 31.535 H x 12.442 D	
• Weight	76 lbs	
Dosing Box	SEN60.lab	1 / engine
• Overall Dimensions	15.75 W x 15.75 H x 6.562 D	
• Weight	28 lbs	
Reactant Pump	VPN75.lab	1 / engine
• Overall Dimensions	19.685 W x 15.906 H x 23.031 D	
• Weight	88 lbs	
Reactant Filter	FILTER115	1 / engine
Injector	DEN75.800	1 / engine
Differential Pressure Sensor	PT.040	1 / engine
Temperature Sensor	TT-14-FLEX60-32-1112	2 / engine
Air Compressor	CA75.lab	1 / engine
• Overall Dimensions	21.445 W x 26.772 H x 15.748 D	
• Weight	82 lbs	
Commissioning & Startup	Commissioning & Startup	1 / project
Analyzer Charges	Analyzer Charges	1 / project
Expense Charges	Expense Charges	1 / project
Labor Charges	Labor Charges	1 / project
Insulation	FACTORY-INSTALLED	1 / engine

THE INFORMATION ON THIS DOCUMENT IS INTENDED TO CONVEY AND DOCUMENT THAT THE CONTRACT SPECIFICATION HAS BEEN ACCURATELY INTERPRETED AND MAY NOT BE ACCURATE FOR CONSTRUCTION PURPOSES.

THIS DRAWING CONTAINS DESIGNS AND OTHER INFORMATION WHICH ARE THE PROPERTY OF JTS, LLC. EXCEPT FOR THE RIGHTS GRANTED EXPRESSLY BY CONTRACT, THIS DRAWING MAY NOT BE DISCLOSED OR DUPLICATED IN WHOLE OR IN PART OR USED FOR MANUFACTURE OF DESIGNS DISCLOSED HEREIN WITHOUT THE PRIOR WRITTEN PERMISSION OF JTS, LLC.

RAWN BY: IS DATE: 05 20 20

CHECKED BY: JO DATE: 05-29-20

VC	05-29-20

PROJECT LOCATION:

CLIENT NAME: _____

QUOTE NUMBER:

CUSTOMER PO NUMBER:

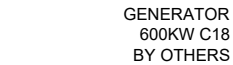
JOB NUMBER: 111

DRAWING DESCRIPTION:

SHIPPING DIAGRAM

DRAWING NO. **G-102** REV. **A**

SHEET 3 OF 6



RIGGING DONE ON-SITE BY OTHERS



DISCHARGE END VIEW

PROJECT NAME:
PDX OPTDC MASTER HOUSE GEN.

DESCRIPTION:
C18-600KW 480VAC 60HZ
S.A. L1 ENCLOSURE, S.B. FUEL TANK
REFERENCE DRAWINGS:
C18DE6E: C18-600KW 480VAC GENSET
FTDW005: SUB-BASE FUEL TANK (1,041 GAL)
OGNAR65: LC7024J AREP ALT. END
ENC5AH3: S.A. ENCLOSURE L1

DRAWING STATUS:
PRELIMINARY NOT FOR CONSTRUCTION

DRAWN BY: EJD PROJECT NUMBER: N/A

CHECKED BY: DATE: 06-19-20

APPROVED BY: REV #: -

OVERALL LENGTH: 227" WET WEIGHT: 26,300 LBS

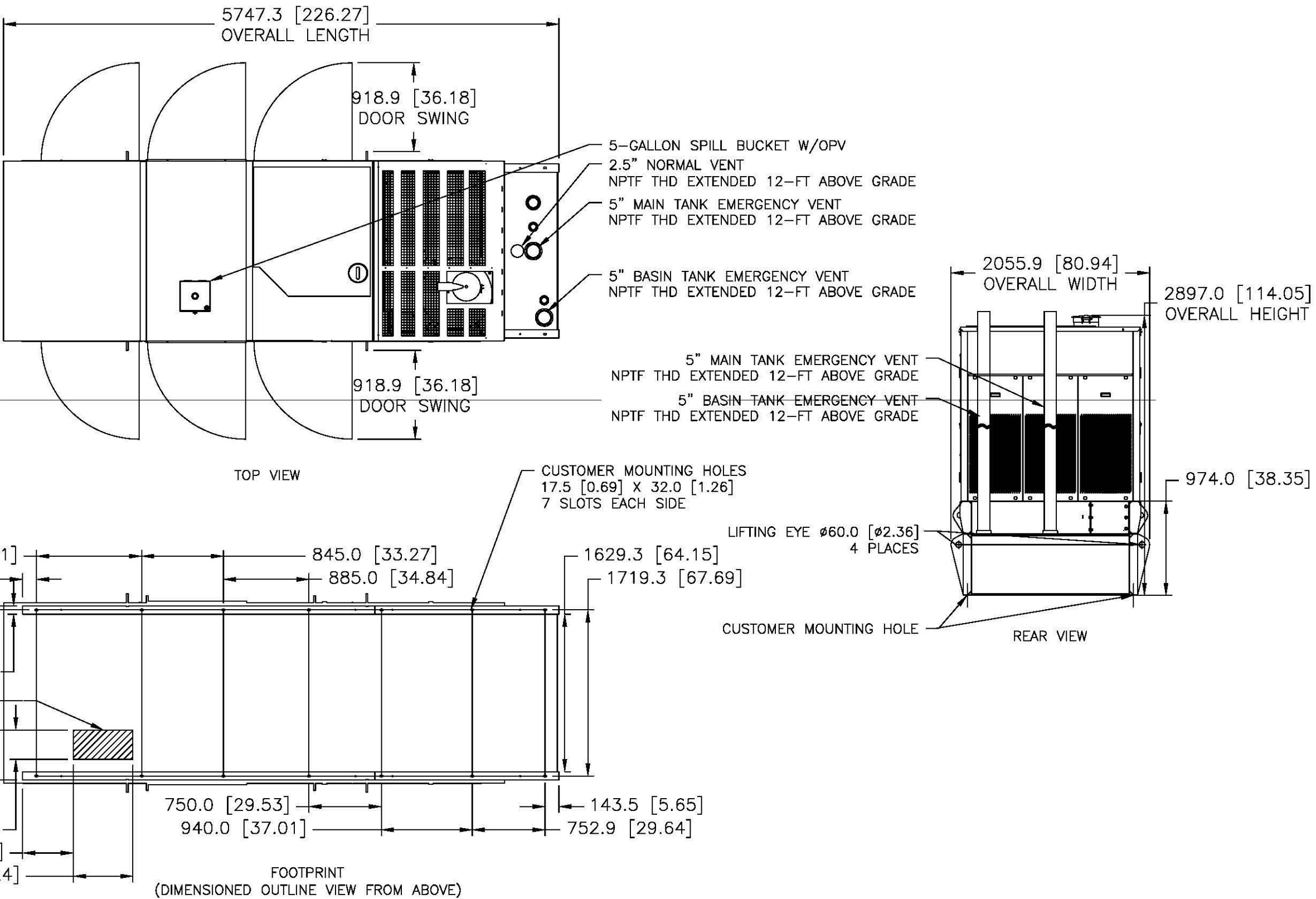
OVERALL WIDTH: 81" DRY WEIGHT: 18,000 LBS

OVERALL HEIGHT: 115" SCALE: NONE

NOTES:
-ALL OVERALL DIMENSIONS ARE NOMINAL WITH $\pm 1"$
-TOLERANCE SEE DRAWING FOR ALL DETAILED COMPONENT DIMENSIONS CONSULT FACTORY FOR QUESTIONS AND/OR DISCREPANCIES FOUND
-ALL MEASUREMENTS ARE DISPLAYED IN INCHES
-CENTER OF GRAVITY IS FOR WET WEIGHT

DRAWING NUMBER:
C18-0600-S-102CW-01

SHEET NUMBER: 1 OF 3



RE: Requesting manufacturer specifications for C7.1 Generator Engine



Bob Shepherd <bshepherd@QuinnCompany.com>
To: Emily Wen

 You forwarded this message on 9/22/2020 12:41 PM.

This is the information on this Caterpillar/Perkins C7.1 engine:

Generator kW	HP	Family Name	
175	280	LPKXL07.0PW1	

Fuel rate at 100% load – 13.7 gph

Exhaust flow and temp at 100% load: 1,229 CFM at 948 deg F.

Bob Shepherd
Manager - Sustainability and Compliance
Quinn Group, Inc.
Office - 562-463-6013
cell: - 562-572-0963

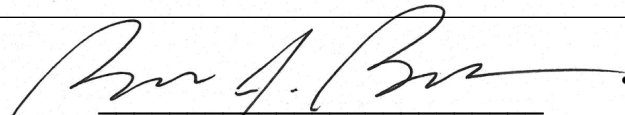


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
2020 MODEL YEAR
CERTIFICATE OF CONFORMITY
WITH THE CLEAN AIR ACT

OFFICE OF TRANSPORTATION
AND AIR QUALITY
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Perkins Engines Co Ltd
(U.S. Manufacturer or Importer)
Certificate Number: LPKXL07.0PW1-013

Effective Date:
09/26/2019
Expiration Date:
12/31/2020


Byron J. Bunker, Division Director
Compliance Division

Issue Date:
09/26/2019
Revision Date:
N/A

Model Year: 2020
Manufacturer Type: Original Engine Manufacturer
Engine Family: LPKXL07.0PW1

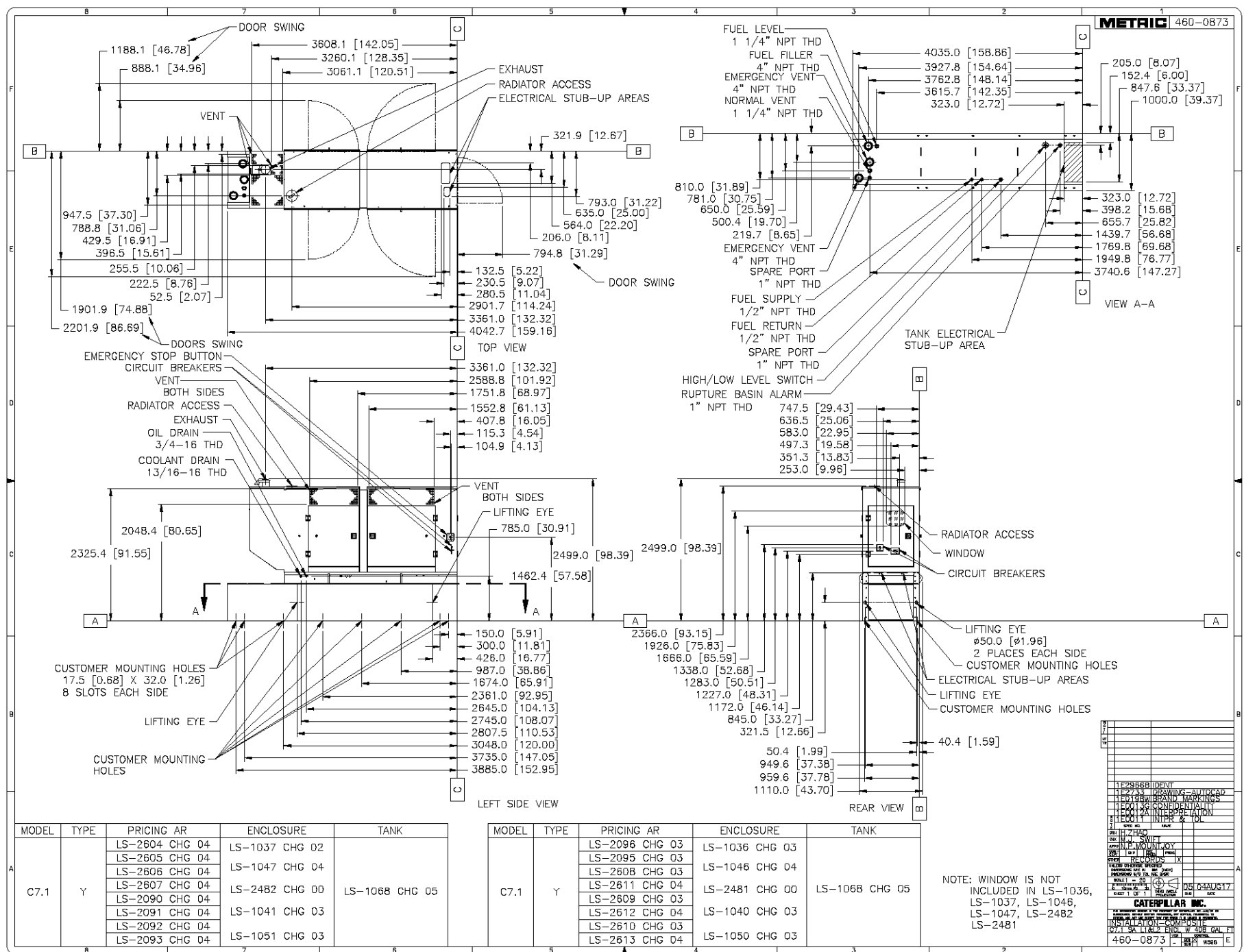
Mobile/Stationary Indicator: Stationary
Emissions Power Category: 225<=kW<450
Fuel Type: Diesel, Non-Standard Fuel
After Treatment Devices: No After Treatment Devices Installed
Non-after Treatment Devices: Electronic Control, Engine Design Modification

Pursuant to Section 111 and Section 213 of the Clean Air Act (42 U.S.C. sections 7411 and 7547) and 40 CFR Part 60, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 60 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 60 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 60.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 60. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 60.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.



**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER DE-07-001-08

Pursuant to the authority vested in the California Air Resources Board (CARB) by Health and Safety Code, Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code sections 39515 and 39616 and Executive Order G-14-012;

Relating to Verification under sections 2700 through 2711 of Title 13 of the California Code of Regulations

Rypos, Inc.
Hybrid Diesel Particulate Filter (HDPF/C)

CARB staff has reviewed Rypos, Inc.'s request for verification of their hybrid active diesel particulate filter and diesel oxidation catalyst system (Rypos HDPF/C). Based on an evaluation of the data provided, and pursuant to the terms and conditions specified below, the Executive Officer of CARB hereby finds that the Rypos HDPF/C reduces emissions of diesel particulate matter (PM) consistent with a Level 3 device (greater than or equal to 85 percent reduction) (Title 13 California Code of Regulations [CCR] sections 2702 [f] and [g] and section 2708) and complies with the CARB January 1, 2009, nitrogen dioxide (NO₂) limit (Title 13 California Code of Regulations [CCR] Appendix A section 2702 [f] and section 2706 [a]). Accordingly, the Executive Officer determines that the Rypos HDPF/C merits verification as a Level 3 Plus system for diesel engines on stationary emergency standby generators and emergency standby pumps, subject to the terms and conditions specified below.

This verification is subject to the following terms and conditions:

- The engine must be used in a stationary application associated with emergency standby generators or emergency standby pumps.
- The engine is greater than 50 hp and model year 1996 or newer, certified to non-road diesel engine emission standards Tier 1, Tier 2, Tier 3, Tier 4i with a rated horse power between 50 and 75 or over 750, or Tier 4 Alt 20 percent nitrogen oxides (NO_x) and particulate matter (PM), and having the engine family names listed in the Attachment.
- The engine must be a certified off-road engine with PM emission levels less than or equal to 0.2 g/bhp-hr (as tested on an appropriate steady-state certification cycle outlined in the CARB off-road regulations – similar to ISO 8178 D2).
- The engine must be in its original certified configuration.
- The engine must not employ exhaust gas recirculation.
- The engine must not have a pre-existing oxidation catalyst.
- The engine must not have a pre-existing diesel particulate filter.
- The engine can be a two or four-stroke.
- The engine can be turbocharged or naturally-aspirated.

- The engine must be certified for use in California.
- Rypos, Inc. must review actual operating conditions (duty cycle, baseline emissions, exhaust temperature profiles, and engine backpressure) prior to retrofitting an engine with the HDPF/C to ensure compatibility.
- The engine should be well maintained and not consume lubricating oil at a rate greater than that specified by the engine manufacturer.
- The other terms and conditions specified in Table 1 below.

Table 1: Summary of Conditions for the Rypos HDPF/C System

Parameter	Value
PM Verification Level	Level 3 Plus: • PM - at least 85 percent reduction. • NO2- meets January 2009 limit.
Regeneration System	Active
Applications	Stationary Emergency Standby Generators or Pumps.
Engine Type	Diesel-fueled, with or without turbocharger, certified off-road engine with particulate matter (PM) emission levels less than or equal to 0.2 g/bhp-hr.
Engine Models	1996 or newer and listed in Attachment 1 to the Executive Order.
Engine Horsepower	Greater than 50 horsepower (hp).
Fuel	California diesel fuel with less than or equal to 15 ppm sulfur or a biodiesel blend provided that the biodiesel portion of the blend complies with ASTM D6751, the diesel portion of the blend complies with Title 13 (CCR), sections 2281 and 2282, and the blend contains no more than 20 percent biodiesel by volume.
Minimum Exhaust Temperature for Filter Regeneration	Not Applicable (NA). Active diesel particulate filter (DPF).
Maximum consecutive minutes at idle	NA. Active DPF.
Number of Cold Start and 30-minute Idle Sessions before Regeneration Required	NA. Active DPF.
Number of Hours of Operation Before Cleaning of Filter Required	Inspect every 1000 hours and clean if needed. Active DPF.

The Rypos HDPF/C consists of a filter housing, electrical control circuit, and filter cartridges made of sintered metal fibers, referred to as an active sintered metal diesel particulate filter (DPF), and a downstream diesel oxidation catalyst.

This Executive Order is valid provided that installation instructions for Rypos HDPF/C do not recommend tuning the engine to specifications different from those specified by the engine manufacturer.

No changes are permitted to the device unless approved by CARB. CARB must be notified in writing of any changes to any part of the Rypos HDPF/C and these changes must be evaluated and approved by CARB. Failure to report any changes shall invalidate this Executive Order.

Changes made to the design or operating conditions of Rypos HDPF/C which adversely affect the performance of the engine's pollution control system shall invalidate this Executive Order.

No person shall alter, physically disable, disconnect, bypass, or tamper with an installed CARB verified diesel emission control strategy, as outlined in Title 13 CCR section 2711(e). Should CARB become aware that a design feature of a verified device is altered, physically disabled, disconnected, bypassed, or tampered on multiple units by independent persons, Rypos will be responsible to propose a design modification and recall plan to the Executive Officer to minimize existing and potential for future tampering of the verified device.

Marketing of the Rypos HDPF/C using identification other than that shown in this Executive Order or for an application other than that listed in this Executive Order shall be prohibited unless prior approval is obtained from CARB.

As specified in the Diesel Emission Control Strategy Verification Procedure (Title 13 CCR section 2706 [g]), CARB assigns each Diesel Emission Control Strategy a family name. The designated family name for the verification as outlined above is:

CA/RYP/2007/PM3+/N00/ST/DPF01

Additionally, as stated in the Diesel Emission Control Strategy Verification Procedure, Rypos, Inc., is responsible for honoring their warranty (section 2707) and conducting in-use compliance testing (section 2709).

In addition, Rypos, Inc. must conduct in-use compliance testing (section 2709), which involves the following: in-use compliance field testing after 100 units have been sold or leased in California and in-use compliance emissions testing after 300 units have been sold or leased in California (section 2709 (a)). Both the in-use compliance field and emissions testing proposals have to be submitted within 90 days after selling or leasing in California the 100th unit and 300th unit, respectively (section 2709 (d)). The

in-use compliance field and emission testing reports must be submitted no later than 18 months after selling or leasing the 100th and 300th units in the California market, respectively, as outlined in section 2709 (k).

In addition to the foregoing, CARB reserves the right in the future to review this Executive Order and the verification provided herein to assure that the verified system continues to meet the standards and procedures of California Code of Regulations, Title 13, section 2222, et seq and California Code of Regulations, Title 13, sections 2700 through 2711.

Systems verified under this Executive Order shall conform to all applicable California emissions regulations.

Violation of any of the above conditions shall be grounds for revocation of this Executive Order.

Executive Order DE-07-001-07 is hereby superseded and is of no further force and effect.

Executed at Sacramento, California, this 23 day of December 2020.

Richard W. Corey
Executive Officer
by



Richard Boyd
Assistant Division Chief
Transportation and Toxics Division

Attachment:
CARB Approved Model Year 1996 to 2020 Engine Families for the Rypos HDPF/C.

Model Year 1996 Engines

Manufacturer	Engine Families
Caterpillar	TCP14.RZDBRK
	TCP10.RZDBRD
Deutz AG	TDZ16.RGDARA
	TDZ16.RGDARB
	TDZ7.1R6DARA
	TDZ7.1R6DARB
Generac	TGN13.R6DARA
Komatsu	TKL11.RZDARB
Navistar	TNV466R6DARA
	TNV466R6DARB
	TNV466R6DASC
	TNV466R6DASD
	TNV530R6DARA
	TNV530R6DARB
	TNV530R6DASD
	TNV530R8DASC

Model Year 1997 Engines

Manufacturer	Engine Families
Caterpillar	VCP10.RZDARD
	VCP14.RZDARK
Deere	VJD10.RJDBRB
	VJD6.8R6DBRA
	VJD8.1R6DBRA
	VJD8.1RBDRB
Deutz AG	VDZ16.RGDARA
	VDZ16.RGDARB
	VDZ7.1R6DARA
	VDZ7.1R6DARB
Generac	VGN13.R6DARA
Navistar	VNV466R6DASC
	VNV466R6DASD
	VNV530R6DARB
	VNV530R6DASC
	VNV530R6DASD

Model Year 1998 Engines

Manufacturer	Engine Families
AB Volvo Penta	WVPXL09.6ACB
	WVPXL12.0ACB
Case	WX9XL0239ACA
	WX9XL0359ABA
	WX9XL0505ABA
	WX9XL0505ABB
	WX9XL0505ACA
Caterpillar	WCPXL07.0MRB
	WCPXL10.5MRD
	WCPXL10.5MRG
	WCPXL14.6ERK
	WCPXL14.6MRJ
Cummins	WCEXL019.AAA
	WCEXL0359ABA
	WCEXL0359ABB
	WCEXL0505ABA
	WCEXL0505ABB
	WCEXL0505ACA
	WCEXL0661AAA
	WCEXL0855AAA
	WCEXL0855AAB
Daewoo	WDWXL11.1BHT
	WDWXL11.1BIA
Detroit Diesel Corporation	VDDXL08.5TJD
	WDDXL09.0TFE
	WDDXL11.1THD
	WDDXL12.1TFE
	WDDXL12.1TFM
	WDDXL12.7TGD
	WDDXL15.9TRE
	WDDXL23.9TRE
Deere	WJDXL06.8012
	WJDXL08.1007
	WJDXL08.1008
	WJDXL08.1009
	WJDXL10.5003

Model Year 1998 Engines Continued

Manufacturer	Engine Families
Deutz AG	WDZXL07.1003
	WDZXL07.1004
	WDZXL15.9001
	WDZXL15.9002
GMC	WGNXL13.3HTA
ISUZU	WSZXL06.4DTA
Komatsu	WKDXL0239AAA
	WKDXL0359ABA
	WKLXL11.0DB1
	WKLXL11.0DC1
	WKLXL15.2EB1
	WKLXL23.2FC1
	WKLXL7.15CB1
	WKLXL7.15CC1
MTU	WMUXL12.0G2V
Navistar	WNVXL0530BNB
	WNVXL0530BND

Model Year 1999 Engines

Manufacturer	Engine Families
AB Volvo Penta	XVPXL07.3ABB
	XVPXL07.3ACB
	XVPXL09.6ACB
	XVPXL12.0ACB
Case	XX9XL0239ACA
	XX9XL0359ABA
	XX9XL0505ABA
	XX9XL0505ABB
Caterpillar	XX9XL0505ACA
	XCPXL07.0MRB
	XCPXL10.5MRD
	XCPXL10.5MRG
Cummins	XCPXL14.6ERK
	XCEXL019.AAA
	XCEXL0359ABA
	XCEXL0505ABA
	XCEXL0505ABB
	XCEXL0505ACA
	XCEXL0661AAA
	XCEXL0855AAA
	XCEXL0855AAB

Model Year 1999 Engines Continued

Manufacturer	Engine Families
Daewoo	XDWXL03.3AMN
	XDWXL03.3BMN
	XDWXL03.3LMN
	XDWXL05.8AOA
	XDWXL05.8ARN
	XDWXL05.8ATT
	XDWXL08.1ACN
	XDWXL08.1ADT
	XDWXL11.1BIA
	XDWXL11.1BHT
	XDWXL11.1DJA
	XDWXL14.6AZA
Detroit Diesel Corporation	XDWXL14.6CVT
	XDWXL18.3ASA
	XDDXL08.5TJD
	XDDXL09.1TFE
	XDDXL11.1THD
	XDDXL12.1TFE
	XDDXL12.1TFM
	XDDXL12.7TGD
	XDDXL14.0TLD
	XDDXL15.9TRE
	XDDXL23.9TRE
Deere	XJDXL06.8012
	XJDXL08.1007
	XJDXL08.1008
Deutz AG	XJDXL10.5022
	XDZXL02.7014
	XDZXL07.1005
	XDZXL07.1004
Generac	XDZXL15.9002
	XDZXL15.9003
	XGNXL13.3HTA

Manufacturer	Engine Families
Komatsu	XKLXL03.3JA1
	XKLXL11.0DB1
	XKLXL11.0DC1
	XKLXL15.2EC1
	XKLXL23.2FC1
	XKLXL7.15CB1
	XKLXL7.15CC1
	XKDXL0239ACA
	XKDXL0359ABA
	XKDXL0505ABB
	XKDXL0505ACA
KUBOTA	XKBXL03.3BAC
	XKBXL03.3BCC
Mitsubishi	XMTXL07.5D6C
	XMTXL11.9D6A
Navistar	XNVXL0466BNA
	XNVXL0530ANA
	XNVXL0530ANB
	XNVXL0530ANC
	XNVXL0530AND
	XNVXL0530BNA
	XNVXL0530BNB
	XNVXL0530BNC
	XNVXL0530BND
Yanmar	XYDXL2.00D4T
	XYDXL2.78D4N
	XYDXL4.41D4N
	XYDXL4.41D4T

Manufacturer	Engine Families
AB Volvo Penta	YVPXL07.3ABB
	YVPXL07.3ACB
	YVPXL09.6ACB
	YVPXL12.0ACB
Case	YX9XL0239ACA
	YX9XL0239ADA
	YX9XL0359ABA
	YX9XL0359ABB
	YX9XL0505ABA
	YX9XL0505ABB
	YX9XL0505ACA
Caterpillar	YCPXL07.0MRB
	YCPXL10.5MRD
	YCPXL10.5MRG
	YCPXL14.6ERK
	YCPXL27.0MRH
	YCPXL27.0MRS
	YCPXL34.5ERK
	YCPXL69.0ERK
Cummins	YCEXL03.3AAA
	YCEXL03.3AAB
	YCEXL015.ABA
	YCEXL019.AAA
	YCEXL019.AAB
	YCEXL030.ABA
	YCEXL050.ABA
	YCEXL0239ACA
	YCEXL0239ADA
	YCEXL0359AAA
	YCEXL0359ABA
	YCEXL0359ABC
	YCEXL050.AAA
	YCEXL0505ABA
	YCEXL0505ABB
	YCEXL0505ACA
	YCEXL060.ABA
	YCEXL0661AAA
	YCEXL0855AAA
	YCEXL0855AAB
Deere	YJDXL06.8012
	YJDXL08.1007
	YJDXL08.1008
	YJDXL10.5022

Manufacturer	Engine Families
Detroit Diesel Corporation	YDDXL08.5TJD
	YDDXL11.1THD
	YDDXL12.1TFE
	YDDXL12.1TFM
	YDDXL12.7TGD
	YDDXL14.0TLD
	YDDXL15.9TRE
	YDDXL23.9TRE
	YDDXL31.8VRE
	YDDXL65.0VTE
Deutz AG	YDZXL02.7014
	YDZXL07.1004
	YDZXL07.1005
	YDZXL15.9002
	YDZXL15.9003
Genrac	YGNXL13.3HAA
	YGNXL13.3HTA
	YGNXL16.0MAA
Komatsu	YKLXL0505ACA
	YKLXL11.0DB1
	YKLXL11.0DC1
	YKLXL15.2EC1
	YKLXL23.2FC1
	YKLXL23.2FC2
	YKLXL30.5GC1
	YKLXL7.15CB1
	YKLXL7.15CC1
Navistar	YNVXL0466ANA
	YNVXL0530ANA
	YNVXL0530ANB
	YNVXL0530ANC
	YNVXL0530AND
VM Motori	YV5XL02.1R3V
	YV5XL02.8R2T

Manufacturer	Engine Families
AB Volvo Penta	1VPXL07.3ABB
	1VPXL07.3ACB
	1VPXL09.6ACB
	1VPXL12.1ACB
Case	1X9XL0239ACA
	1X9XL0239ADA
	1X9XL0359ABA
	1X9XL0359ABB
	1X9XL0505ABA
Caterpillar	1X9XL0505ABB
	1X9XL0505ACA
	1CPXL07.0MRB
	1CPXL10.5MRD
	1CPXL10.5MRG
	1CPXL12.0ESK
	1CPXL14.6ESK
	1CPXL15.8ESK
	1CPXL18.0HRN
	1CPXL27.0HRK
	1CPXL27.0MRS
	1CPXL27.0MRT
	1CPXL34.5ERK
	1CPXL78.1ERK
Cummins	1CEXL03.3AAA
	1CEXL03.3AAB
	1CEXL015.AAA
	1CEXL015.ABA
	1CEXL019.AAB
	1CEXL0239ACA
	1CEXL0239ADA
	1CEXL030.ABA
	1CEXL0359ABA
	1CEXL0359ABB
	1CEXL0359ABC
	1CEXL0359ABD
	1CEXL050.AAA
	1CEXL050.ABA
	1CEXL0505ABA
	1CEXL0505ABB
	1CEXL0505ACA
	1CEXL0505ACE
	1CEXL0661AAA
	1CEXL0661AAD

Manufacturer	Engine Families
Cummins continued	1CEXL060.ABA
Daewoo	1DWXL2.37ANT
	1DWXL03.3AMN
	1DWXL03.3BMA
	1DWXL03.3LMN
	1DWXL05.8AOA
	1DWXL05.8ARN
	1DWXL08.1ACN
	1DWXL11.1BIA
	1DWXL14.6AZA
	1DWXL14.6CVT
	1DWXL18.3ASA
	1DWXL21.9AYA
Detroit Diesel Corporation	1DDXL08.5TJD
	1DDXL08.5YJD
	1DDXL12.7VGD
	1DDXL14.0VLD
	1DDXL14.0WLD
	1DDXL15.9WRE
	1DDXL23.9WRE
	1DDXL31.8XRE
	1DDXL65.0XTE
Deere	1JDXL06.8012
	1JDXL06.8038
	1JDXL06.8039
	1JDXL08.1007
	1JDXL08.1008
	1JDXL08.1036
	1JDXL08.1037
Deutz	1DZXL02.7014
	1DZXL02.7015
	1DDXL08.5TJD
	1DDXL08.5YJD
	1DZXL07.1005
	1DZXL15.9002
	1DZXL15.9003
Generac	1GNXL04.0HAA
	1GNXL04.0HNA
	1GNXL05.0FAA
Isuzu	1SZXL06.5BTA
	1SZXL09.8EXA
	1SZXL15.7ETA

	1SZXL15.7EXA

Model Year 2001 Engines Continued

Manufacturer	Engine Families
International	1NVXL0530ANC
	1NVXL0530AND
	1NVXL0530ANF
Komatsu	1KLXL0239ACA
	1KLXL0239ADA
	1KLXL0359ABA
	1KLXL0359ABC
	1KLXL0505ABB
	1KLXL0505ACA
	1KLXL03.3JA1
	1KLXL03.3JB1
	1KLXL7.15CB1
	1KLXL7.15CC1
	1KLXL11.0DD3
	1KLXL15.2EC3
	1KLXL30.5GC1
	1KLXL30.5GD1
Mitsubishi	1MTXL07.5D6A
	1MTXL07.5D6C
	1MTXL11.9D6A

Manufacturer	Engine Families
Case	2X9XL0239ACA
	2X9XL0239ADA
	2X9XL0359ABA
	2X9XL0359ABB
	2X9XL0359ABE
	2X9XL0505ABA
	2X9XL0505ABB
	2X9XL0505ABD
	2X9XL0505ACA
	2X9XL0505ABB
Caterpillar	2CPXL07.0MRB
	2CPXL10.5MRD
	2CPXL10.5MRG
	2CPXL27.0MRS
	2CPXL27.0MRT
	2CPXL34.5ERK
	2CPXL78.1ERK
	2CPXL78.1ERK
Cummins	2CEXL03.3AAA
	2CEXL03.3AAB
	2CEXL015.AAA
	2CEXL015.AAB
	2CEXL015.ABA
	2CEXL019.AAB
	2CEXL0239ACA
	2CEXL0239ADA
	2CEXL0359ABA
	2CEXL0359ABB
	2CEXL0359ABC
	2CEXL0359ABE
	2CEXL0505ABA
	2CEXL0505ABB
	2CEXL0505ABD
	2CEXL0505ACA
	2CEXL0505ACB
	2CEXL0505ACE
	2CEXL060.ABA
	2CEXL0661AAA
	2CEXL0661AAD

Manufacturer	Engine Families
Detroit Diesel	2DDXL08.5TJD
	2DDXL08.5YJD
	2DDXL12.7VGD
	2DDXL14.0VLD
	2DDXL31.8XRE
	2DDXL65.0XTE
Deere	2JDXL06.8012
	2JDXL06.8038
	2JDXL06.8039
	2JDXL06.8041
	2JDXL06.8044
	2JDXL06.8049
	2JDXL08.1007
Deutz AG	2JDXL08.1008
	2JDXL08.1036
	2JDXL08.1037
	2DZXL02.7014
	2DZXL02.7015
	2DZXL05.7033
	2DZXL07.1004
	2DZXL07.1005
	2DZXL07.1032
	2DZXL15.9002
Daewoo	2DZXL15.9003
	2DWXL2.37ANT
	2DWXL03.3AMN
	2DWXL03.3BMA
	2DWXL03.3LMN
	2DWXL05.8AOA
	2DWXL05.8ARN
	2DWXL08.1ACN
	2DWXL11.1BIA
	2DWXL14.6CVT
Generac	2DWXL21.9AYA
	2GNXL04.0HAA
	2GNXL04.0HNA
Isuzu	2GNXL05.0FAA
	2SZXL06.5BTA
	2SZXL09.8EXA
	2SZXL15.7ETA
	2SZXL15.7EXA

Manufacturer	Engine Families
International Truck	2NVXL0444ANA
	2NVXL0530ANC
	2NVXL0530AND
	2NVXL0530ANF
Komatsu	2KLXL0239ACA
	2KLXL0239ADA
	2KLXL0359ABA
	2KLXL0359ABC
	2KLXL0505ABB
	2KLXL0505ABD
	2KLXL0505ACA
	2KLXL03.3JA1
	2KLXL03.3JB1
	2KLXL11.0DB1
	2KLXL11.0DD3
	2KLXL15.2EC3
	2KLXL30.5GC1
	2KLXL30.5GD1
	2KLXL46.3HC1
	2KLXL7.15CB1
	2KLXL7.15CC1
Mitsubishi	2MTXL07.5D6A
	2MTXL07.5D6C
	2MTXL11.9D6A
	2MVXL24.5AAB
	2MVXL65.4ABA
	2MVXL65.4ABB
	2MVXL65.4ABC
AB Volvo Penta	2VPXL07.3ABB
	2VPXL07.3ACB
	2VPXL09.6ACB
	2VPXL12.1ABA
	2VPXL12.1ACA
	2VPXL12.1ACB
VM Motori	2V5XL02.8R2T

Manufacturer	Engine Families
Caterpillar	3CPXL18.0HRX
	3CPXL27.0MRS
	3CPXL27.0MRT
	3CPXL34.5ERK
	3CPXL58.6ERK
	3CPXL78.1ERK
CNH Engine Corp	3X9XL0239AAA
	3X9XL0239ABA
	3X9XL0359AAC
	3X9XL0359ABE
	3X9XL0505AAB
	3X9XL0505ABD
Cummins	3CEXL015.AAB
	3CEXL015.ABA
	3CEXL023.AAA
	3CEXL0239AAD
	3CEXL0239AAF
	3CEXL0275AAA
	3CEXL0275AAB
	3CEXL030.ABA
	3CEXL0359AAB
	3CEXL0359AAC
	3CEXL0359ABC
	3CEXL0359ABE
	3CEXL050.ABA
	3CEXL0505ABD
	3CEXL0505ACB
	3CEXL060.ABA
	3CEXL0661AAD
	3CEXL078.AAB
Daewoo Motors	3DWXL05.8COA
	3DWXL11.1DJA
	3DWXL21.9AYA

Model Year 2003 Engines Continued

Manufacturer	Engine Families
Detroit Diesel	3DDXL08.5YJD
	3DDXL12.7VGD
	3DDXL14.0VLD
	3DDXL15.9WRE
	3DDXL31.8XRE
	3DDXL35.8GRP
	3DDXL65.0GTP
	3DDXL65.0XTE
Deere	3JDXL06.8038
	3JDXL06.8039
	3JDXL06.8041
	3JDXL06.8044
	3JDXL06.8048
	3JDXL06.8049
	3JDXL08.1037
	3DZXL05.7033
Deutz AG	3DZXL06.1028
	3DZXL07.1032
	3DZXL15.9002
	3DWXL08.1CPA
Daewoo Heavy Ind.	3DWXL18.3ASC
	3DWXL2.37ANT
	3SZXL09.8EXA
Isuzu	3SZXL15.7ETA
	3SZXL15.7EXA
	3NVXL0530ANF
Komatsu	3KLXL0239AAD
	3KLXL0239AAF
	3KLXL0359AAB
	3KLXL0359ABC
	3KLXL0505ABD
	3KLXL11.0DD3
	3KLXL15.2EC3
	3KLXL23.2FD4
	3KLXL30.5GC1
	3KLXL30.5GD1

Model Year 2003 Engines Continued

Manufacturer	Engine Families
Lombardini Motori	3LBDL2.07CHT
Mack Trucks	3MKXL11.9P69
Mitsubishi Heavy Ind	3MVXL24.5AAB
	3MVXL24.5ABA
	3MVXL24.5ABB
	3MVXL24.5ABD
	3MVXL24.5ABE
	3MVXL33.9ABA
	3MVXL33.9ABB
	3MVXL33.9ABD
	3MVXL33.9ABE
	3MVXL37.1ABA
	3MVXL37.1ABB
	3MVXL37.1ABC
	3MVXL37.1ABD
	3MVXL49.0ABA
	3MVXL49.0ABB
	3MVXL49.0ABC
	3MVXL65.4ABA
	3MVXL65.4ABB
	3MVXL65.4ABC
	3MVXL65.4ABD
	3MVXL65.4ABE
	3MVXL65.4ABF
	3MVXL65.4ABG
AB Volvo Penta	3VPXL07.3ACB
	3VPXL09.6ACB
	3VPXL12.1ABA
	3VPXL12.1ACA
	3VPXL12.1ACB
	3VPXL16.0ACB

Model Year 2004 Engines

Manufacturer	Engine Families
Caterpillar	4CPXL15.8ERK
	4CPXL18.0ESK
	4CPXL18.0HRX
	4CPXL27.0MRS
	4CPXL27.0MRT
	4CPXL34.5ERK
	4CPXL58.6ERK
	4CPXL78.1ERK
	4CPXL78.1ERK
CNH Engine Corp.	4X9XL0239AAC
	4X9XL0359AAK
	4X9XL0359ABE
	4X9XL0505AAB
	4X9XL0505ABD
Cummins	4CEXL015.AAB
	4CEXL015.ABA
	4CEXL023.AAA
	4CEXL0239AAD
	4CEXL0239AAF
	4CEXL0239AAG
	4CEXL0275AAB
	4CEXL0275AAC
	4CEXL0275AAF
	4CEXL03.3ABA
	4CEXL03.3ABB
	4CEXL030.ABA
	4CEXL0359AAB
	4CEXL0359AAC
	4CEXL0359AAD
	4CEXL0359AAE
	4CEXL0359AAF
	4CEXL0359AAH
	4CEXL0359ABC
	4CEXL0359ABE
	4CEXL050.ABA
	4CEXL0505ABD
	4CEXL0505ACB
	4CEXL060.ABA
	4CEXL0661AAD
	4CEXL078.AAB
	4CEXL2.28A41
	4CEXL2.28A42

Model Year 2004 Engines Continued

Manufacturer	Engine Families
Detroit Diesel	4DDXL08.5YJD
	4DDXL12.7VGD
	4DDXL14.0VLD
	4DDXL23.9WRE
	4DDXL31.8XRE
	4DDXL35.8GRP
	4DDXL65.0GTP
	4DDXL65.0XTE
	4DDXL90.0XTP
Deere	4JDXL03.0064
	4JDXL06.8038
	4JDXL06.8041
	4JDXL06.8048
	4JDXL06.8049
	4JDXL08.1037
Deutz AG	4DZXL03.1039
	4DZXL03.1040
	4DZXL03.1041
	4DZXL05.7033
	4DZXL06.1038
	4DZXL06.5036
	4DZXL06.5037
	4DZXL06.5042
	4DZXL06.5043
	4DZXL07.1032
	4DZXL15.9002
Daewoo	4DZXL71.0021
	4DWXL05.8COA
	4DWXL05.8CRN
	4DWXL08.1CPA
	4DWXL11.1BIA
	4DWXL11.1DJA
	4DWXL18.3ASC
	4DWXL2.37ANT
Isuzu	4DWXL21.9AYA
	4SZXL03.1GTB
	4SZXL06.5FXG
	4SZXL15.7ETA
	4SZXL15.7EXA

Manufacturer	Engine Families
International Truck	4NVXL0530ANF
Iveco	4VEXL05.9DGS
	4VEXL12.9GEN
Kubota	4KBXL03.3ACD
	4KBXL03.3BAC
	4KBXL03.3BCC
	4KBXL03.8ACD
Komatsu	4KLXL0239AAD
	4KLXL0239AAF
	4KLXL0239ADA
	4KLXL0275AAC
	4KLXL03.3JA3
	4KLXL03.3JB3
	4KLXL03.3JD3
	4KLXL0359AAB
	4KLXL0359AAE
	4KLXL0359ABC
	4KLXL0505ABD
	4KLXL11.0DD3
	4KLXL15.2EC3
	4KLXL23.2FD4
	4KLXL30.5GC1
	4KLXL30.5GD1
MACK Trucks	4MKXL11.9P69
	4MKXL11.9P72
MOTORENFABRIK HATZ	4HZXL3.43C42
	4HZXL3.43V42
Mitsubishi Heavy Ind.	4MVXL05.0AAA
	4MVXL05.0AAD
	4MVXL24.5AAB
	4MVXL24.5ABA
	4MVXL24.5ABB
	4MVXL24.5ABD
	4MVXL24.5ABE
	4MVXL33.9ABB
	4MVXL33.9ABE
	4MVXL37.1ABB
	4MVXL37.1ABC
	4MVXL37.1ABD
	4MVXL49.0ABA

	4MVXL49.0ABB

Model Year 2004 Engines Continued

Manufacturer	Engine Families
Mitsubishi Heavy Ind (continued)	4MVXL49.0ABC
	4MVXL49.0ABD
	4MVXL49.0ABE
	4MVXL65.4ABA
	4MVXL65.4ABB
	4MVXL65.4ABC
	4MVXL65.4ABD
	4MVXL65.4ABE
	4MVXL65.4ABF
	4MVXL65.4ABG
	4MVXL65.4ABH
MTU	4MTUL21.9R2A
Nissan Diesel	4NDXL03.0FTA
AB Volvo Penta	4VPXL07.3ACB
	4VPXL09.4ACA
	4VPXL09.4ACB
	4VPXL09.4ACC
	4VPXL09.6ACB
	4VPXL09.6ACC
	4VPXL12.1ABA
	4VPXL12.1ACA
	4VPXL12.1ACB
Yanmar	4YDXL3.05M4N
	4YDXL3.32J4N
	4YDXL3.32J4T
	4YDXL3.32K4N
	4YDXL3.32K4T
	4YDXL4.41K4T
Perkins	4PKXL15.8H16
Scania AB	4Y9XL11.7BBG
	4Y9XL15.6BDA

Model Year 2005 Engines

Manufacturer	Engine Families
Caterpillar	5CPXL15.2ESK
	5CPXL15.8ERK
	5CPXL18.0ESK
	5CPXL27.0MRS
	5CPXL27.0MRT
	5CPXL34.5ERK
	5CPXL58.6ERK
	5CPXL78.1ERK
	5CPXL78.1ERK
CNH Engine Corp.	5X9XL0239AAC
	5X9XL0359AAK
	5X9XL0359ABE
	5X9XL0505AAB
	5X9XL0505ABD
	5X9XL0540AAB
	5X9XL0540AAB
Cummins	5CEXL015.AAB
	5CEXL015.ABA
	5CEXL019.AAB
	5CEXL023.AAA
	5CEXL0239AAD
	5CEXL0239AAF
	5CEXL0239AAG
	5CEXL0275AAB
	5CEXL0275AAC
	5CEXL0275AAF
	5CEXL03.3ABA
	5CEXL03.3ABB
	5CEXL030.ABA
	5CEXL0359AAB
	5CEXL0359AAC
	5CEXL0359AAD
	5CEXL0359AAE
	5CEXL0359AAF
	5CEXL0359AAH
	5CEXL0359ABC
	5CEXL0359ABE
	5CEXL0409AAB
	5CEXL0409AAC
	5CEXL050.ABA
	5CEXL0505AAE
	5CEXL0505ABD
	5CEXL0505ACB

Model Year 2005 Engines (Continued)

Manufacturer	Engine Families
Cummins	5CEXL0540AAB
	5CEXL060.ABA
	5CEXL078.AAB
	5CEXL2.28A41
	5CEXL2.28A42
	5CEXL2.28A42
Detroit Diesel Corporation	5DDXL08.5YJD
	5DDXL15.9WRE
	5DDXL31.8XRR
	5DDXL35.8GRP
	5DDXL65.0GTE
	5DDXL65.0GTP
	5DDXL65.0XTE
Deere	5DDXL90.0XTP
	5JDXL04.5083
	5JDXL06.8038
	5JDXL06.8041
	5JDXL06.8048
	5JDXL06.8049
	5JDXL06.8078
	5JDXL06.8101
	5JDXL08.1037
	5JDXL08.1059
Deutz	5JDXL09.0102
	5DZXL03.1039
	5DZXL03.1040
	5DZXL05.7033
	5DZXL06.1038
	5DZXL06.5036
	5DZXL06.5037
	5DZXL06.5042
	5DZXL06.5043
	5DZXL07.1032
Daewoo Heavy Ind.	5DZXL15.9002
	5DZXL71.0021
	5DWXL08.1CPA
	5DWXL18.3ASC
MotorenFabrik HATZ GMBH	5DWXL21.9AYA
	5HZXL3.43C42

Manufacturer	Engine Families
Isuzu	5SZXL03.1GTB
	5SZXL04.3GTG
	5SZXL06.5FXG
	5SZXL09.8EXA
	5SZXL15.7ETA
	5SZXL15.7EXA
Iveco	5VEXL05.9DGS
	5VEXL06.7DGA
	5VEXL12.9GEN
Komatsu	5KLXL0239AAD
	5KLXL0239AAF
	5KLXL0239ADA
	5KLXL0275AAC
	5KLXL03.3JA3
	5KLXL03.3JB3
	5KLXL03.3JD3
	5KLXL0359AAB
	5KLXL0359AAE
	5KLXL0359AAL
	5KLXL0359ABC
	5KLXL0409AAB
	5KLXL0409AAC
	5KLXL0505ABD
	5KLXL23.2FD4
	5KLXL30.5GC1
	5KLXL30.5GD1
Kuboto	5KBXL03.3BAC
	5KBXL03.3BCC
KUKJ	5KMCL2.28A41
	5KMCL2.28A42
Lombardini Motori	5LBDL2.19CHT
Mitsubishi Heavy Industries	5MVXL05.0AAA
	5MVXL05.0AAC
	5MVXL05.0AAD
	5MVXL24.5ABB
	5MVXL33.9ABB
	5MVXL37.1ABC
	5MVXL49.0ABD
	5MVXL65.4ABB
	5MVXL65.4ABH

Manufacturer	Engine Families
MITF	5MFTL07.5D6A
MTU-Friedrichshafen	5MTUL21.9R2A
Nissan Diesel	5NDXL02.7TNA
	5NDXL03.0FTA
AB Volvo Penta	5VPXL07.3ACB
	5VPXL09.4ACA
	5VPXL09.4ACB
	5VPXL09.4ACC
	5VPXL09.6ACB
	5VPXL12.1ABA
	5VPXL12.1ACA
	5VPXL12.1ACB
	5VPXL16.1ACB
	5VPXL16.1ACC
Yanmar	5VPXL16.1ACD
	5VPXL16.1ACE
	5VPXL16.1ACF
	5YDXL3.05M4N
	5YDXL3.32J4N
	5YDXL3.32J4T
	5YDXL3.32K4N
	5YDXL3.32K4T
	5YDXL4.41K4T

Manufacturer	Engine Families
AB Volvo Penta	6VPXL12.1BAA
	6VPXL16.1ACB
	6VPXL9.4BAA
Caterpillar	6CPXL15.2ESK
	6CPXL18.0ESK
	6CPXL18.1ESK
	6CPXL18.1ESL
	6CPXL32.0ESK
	6CPXL34.5E2T
	6CPXL34.5T2E
	6CPXL58.6E2T
	6CPXL58.6T2E
	6CPXL78.1E2T
	6CPXL78.1T2E
CNH Engine Corp.	6X9XL0239AAC
	6X9XL0359AAM
	6X9XL0359ABE
	6X9XL0505ABD
	6X9XL0540AAB
Cummins	6CEXK0505AAE
	6CEXL015.AAB
	6CEXL019.AAB
	6CEXL019.AAC
	6CEXL023.AAA
	6CEXL0239AAD
	6CEXL0239AAF
	6CEXL0239AAG
	6CEXL0275AAB
	6CEXL0275AAC
	6CEXL0275AAG
	6CEXL0275AAH
	6CEXL030.AAB
	6CEXL030.AAD
	6CEXL030.ABA
	6CEXL03.3ABC
	6CEXL0359AAB
	6CEXL0359AAC
	6CEXL0359AAD
	6CEXL0359AAF
	6KLXL0359AAL
	6CEXL0359AAN
	6CEXL0359ABC
	6CEXL0359ABE

Manufacturer	Engine Families
Cummins (cont.)	6CEXL0409AAB
	6CEXL0409AAC
	6CEXL050.AAD
	6CEXL050.ABA
	6CEXL0505ABD
	6CEXL0540AAB
	6CEXL060.AAD
	6CEXL078.AAB
DAIMLERCHRYSLER	6MBXL7.20RJA
	6MBXL12.8RJB
Deere	6JDXL03.0064
	6JDXL04.5057
	6JDXL04.5083
	6JDXL06.8001
	6JDXL06.8004
	6JDXL06.8006
	6JDXL06.8038
	6JDXL06.8041
	6JDXL06.8048
	6JDXL06.8049
	6JDXL06.8078
	6JDXL08.1037
	6JDXL09.0102
	6JDXL12.5035
	6JDXL12.5073
	6JDXL13.5103
Detroit Diesel Corporation	6DDXL14.0VLD
	6DDXL31.8XRR
Deutz	6DZXL06.1038
	6DZXL06.1028
	6DZXL05.7033
	6DZXL06.5036
	6DZXL06.5037
	6DZXL06.5042
	6DZXL03.1066
	6DZXL03.1039
	6DZXL03.1040
Isuzu	6SZXL04.3GTG
	6SZXL06.5FXG
	6SZXL05.2HXA
	6SZXL05.2IXA

	6SZXL07.8HXA
	6SZXL15.7HXA

Model Year 2006 Engines (Continued)

Manufacturer	Engine Families
IVECO	6VEXL04.5DGT
	6VEXL04.5DGN
	6VEXL06.7DGA
	6VEXL06.7DGB
	6VEXL06.7DGS
Komatsu	6KLXL0239AAD
	6KLXL0239AAF
	6KLXL0239ADA
	6KLXL0275AAC
	6KLXL0275AAG
	6KLXL0275AAH
	6KLXL03.3JD3
	6KLXL0359AAB
	6KLXL0359AAE
	6KLXL0359AAL
	6KLXL0359ABC
	6KLXL0409AAB
	6KLXL0409AAC
	6KLXL0505ABD
Kubota	6KBXL03.3CCD
Mitsubishi Fuso Truck & Bus Corp	6MFTL05.8D3A
Mitsubishi Heavy Industries	6MVXL05.0AAA
	6MVXL05.0AAD
	6MVXL05.0DDD
	6MVXL06.4DDD
	6MVXL06.4EEE
MotorenFabrik HATZ GMBH	6HZXL3.43C42
	6HZXL3.43V42
Nissan	6NDXL03.0FTA
VMMI	6V5XL04.2G5V
Yanmar	6YDXL3.32J4T
	6YDXL3.32K4T
	6YDXL4.41K4T

Manufacturer	Engine Families
AB Volvo Penta	7VPXL09.4BAA
	7VPXL12.1BAA
	7VPXL16.1ACB
Caterpillar	7CPXL07.2ESL
	7CPXL08.8ESK
	7CPXL11.1ESK
	7CPXL12.5ESK
	7CPXL15.2ESK
	7CPXL15.2ESL
	7CPXL18.1ESK
	7CPXL18.1ESL
	7CPXL27.0ESK
	7CPXL32.0ESK
	7CPXL51.8E2W
	7CPXL78.1ERK
	7CPXL34.5T2E
	7CPXL58.6T2E
	7CPXL78.1T2E
CNH Engine Corp.	7X9XL0505AAE
	7X9XL0540AAB
	7X9XL0239AAB
	7NHXL04.5DAA
	7NHXL04.5DCA
	7NHXL06.7DAA
	7NHXL06.7DCA
	7NHXL06.7DCB
	7NHXL06.7DTA
	7NHXL06.7DTC
Cummins	7CEXL015.AAA
	7CEXL015.AAB
	7CEXL015.AAE
	7CEXL019.AAD
	7CEXL023.AAA
	7CEXL0239AAG
	7CEXL0275AAC
	7CEXL0275AAG
	7CEXL0275AAH
	7CEXL03.3ABA
	7CEXL03.3ABB
	7CEXL03.3ACA
	7CEXL03.3ACB
	7CEXL030.AAB
	7CEXL030.AAD

Manufacturer	Engine Families
Cummins (cont.)	7CEXL030.ABA
	7CEXL038.AAA
	7CEXL0409AAB
	7CEXL0409AAC
	7CEXL045.AAA
	7CEXL050.AAC
	7CEXL050.AAD
	7CEXL050.ABA
	7CEXL0505AAE
	7CEXL0540AAB
	7CEXL060.AAB
	7CEXL060.AAD
	7CEXL0661AAF
	7CEXL0661AAG
	7CEXL0661AAH
	7CEXL0661AAJ
	7CEXL078.AAA
	7CEXL078.AAB
DAIMLERCHRYSLER	7MBXL12.8RJB
	7MBXL15.9RJA
Deere	7JDXL03.0064
	7JDXL04.5075
	7JDXL04.5076
	7JDXL04.5081
	7JDXL04.5083
	7JDXL06.8038
	7JDXL06.8039
	7JDXL06.8041
	7JDXL06.8044
	7JDXL06.8048
	7JDXL06.8049
	7JDXL06.8078
	7JDXL06.8080
	7JDXL06.8084
	7JDXL06.8101
	7JDXL06.8104
	7JDXL06.8105
	7JDXL06.8106
	7JDXL08.1037
	7JDXL09.0102
	7JDXL12.5035
	7JDXL12.5073

Model Year 2007 Engines (Continued)

Manufacturer	Engine Families
Detroit Diesel Corporation	7DDXL14.0VLD
	7DDXL14.0WLD
Deutz	7DZXL03.1039
	7DZXL03.1040
	7DZXL03.1066
	7DZXL06.1038
	7DZXL06.1059
	7DZXL06.1060
	7DZXL06.1061
	7DZXL06.1063
	7DZXL06.5042
	7DZXL06.5043
	7DZXL07.1051
	7DZXL07.1053
	7DZXL07.1055
	7DZXL15.9065
Doosan Infracore	7DWXL05.8CRN
	7DWXL05.8UTA
	7DWXL07.6UPA
	7DWXL11.0UJA
	7DWXL21.9UYA
GNH UK LTD	7NHXL06.7DCC
Hino Motors	7HMXL05.1JTA
	7HMXL07.7JTM
	7HMXL10.5PUN
Ishikawajima-Shibaura Machinery	7H3XL2.22N4L
Isuzu	7SZXL03.0IXA
	7SZXL03.1GNA
	7SZXL03.1GNB
	7SZXL03.1GTB
	7SZXL04.3GTG
	7SZXL04.3GXA
	7SZXL05.2HXA
	7SZXL05.2IXA
	7SZXL07.8HXA
	7SZXL07.8HXB
	7SZXL09.8HXA
	7SZXL15.7HXA
	7SZXL15.7HXB

Manufacturer	Engine Families
IVECO	7VEXL03.9B1Z
	7VEXL04.5DAA
	7VEXL04.5DGN
	7VEXL04.5DGT
	7VEXL06.7DAA
	7VEXL06.7DCA
	7VEXL06.7DCB
	7VEXL06.7DCC
	7VEXL06.7DGB
	7VEXL06.7DGS
	7VEXL06.7DTA
	7VEXL06.7DTC
	7VEXL08.7TR3
	7VEXL10.3MLR
	7VEXL12.9IGR
	7VEXL12.9MLR
	7VEXL12.9TR3
	7VEXL20.1DSL
Komatsu	7KLXL0239ADA
	7KLXL0275AAC
	7KLXL0275AAG
	7KLXL0275AAH
	7KLXL03.3JA3
	7KLXL03.3JB3
	7KLXL03.3JD3
	7KLXL03.3JD6
	7KLXL03.3JD7
	7KLXL0359AAE
	7KLXL038.AAA
	7KLXL0409AAB
	7KLXL0409AAC
	7KLXL045.AAA
	7KLXL050.AAC
	7KLXL0505AAE
	7KLXL060.AAB
	7KLXL078.AAA
	7klx11.0DD6
	7KLXL11.0DD6
	7KLXL15.2ED6
	7klx15.2ED6
	7KLXL15.2ED7
	7KLXL23.2FD6
	7KLXL30.5GD3

Model Year 2007 Engines (Continued)

Manufacturer	Engine Families
Kubota	7KBXL02.0FAD
	7KBXL02.4HCD
	7KBXL03.3BAC
	7KBXL03.3BAD
	7KBXL03.3BBD
	7KBXL03.3BCC
	7KBXL03.3BCD
	7KBXL03.3CCD
	7KBXL03.8AHD
Lombardini S.R.L.	7LBDL2.19CHT
MAHINDRA & MAHINDRA LTD.,	7MMLL03.1NEF
	7MMLL03.2NEF
	7MMLL03.2NET
	7MMLL03.4NEF
	7MMLL03.5NEF
Mitsubishi Fuso Truck & Bus Corp	7MFTL02.8M4A
	7MFTL04.9M5A
	7MFTL07.5M6A
	7MFTL12.9M7A
Mitsubishi Heavy Industries	7MVXL05.0AAA
	7MVXL05.0AAC
	7MVXL05.0AAD
	7MVXL06.4FFF
	7MVXL24.5BBA
	7MVXL33.9BBA
	7MVXL37.1BBA
	7MVXL49.0BBA
	7MVXL65.4BBA
MotorenFabrik HATZ GMBH	7HZXL2.57C41
	7HZXL3.43C42
	7HZXL3.43V42
MTU Detroit Diesel, Inc.	7MDDL31.8XRR
	7MDDL95.4XTR
Nissan	7NDXL02.7TNA
	7NDXL03.0FTA
	7NDXL03.2TNA

Model Year 2007 Engines (Continued)

Manufacturer	Engine Families
Perkins Engines	7PKXL03.3DD1
	7PKXL04.4NH1
	7PKXL04.4RE1
	7PKXL06.6PJ1
	7PKXL06.6PJ2
	7PKXL15.2TA2
	7PKXL15.2TAG
	7PKXL18.1TAG
SCANIA CV AB	7Y9XL11.7BBA
	7Y9XL11.7BBB
	7Y9XL15.6BDE
Shandong Weichai Huafeng Power	7SDWL4.33BBB
	7SDWL7.52AAA
Sisu Diesel	7SIDL03.3G4A
	7SIDL04.4J2A
	7SIDL07.4G4D
	7SIDL07.4G4E
	7SIDL07.4G5B
	7SIDL07.4G5C
	7SIDL08.4H5B
Volvo Construction Equipment AB	7VSXL09.4CE3
	7VSXL12.1CE3
	7VSXL16.1CE3
Yanmar	7YDXL3.05M4N
	7YDXL3.05P4N
	7YDXL3.32J4N
	7YDXL3.32J4T
	7YDXL3.32K4T
	7YDXL3.32P4N
	7YDXL4.41K4T

Manufacturer	Engine Families
AB Volvo Penta	8VPXL09.4BAA
	8VPXL12.1BAA
	8VPXL12.8BCA
	8VPXL16.1ACB
	8VPXL16.1ACW
Caterpillar	8CPXL07.2ESL
	8CPXL08.8ESK
	8CPXL106.T2E
	8CPXL11.1ESK
	8CPXL12.5ESK
	8CPXL15.2ELW
	8CPXL15.2ESW
	8CPXL18.1ESK
	8CPXL18.1ESW
	8CPXL18.1ESX
	8CPXL27.0ESK
	8CPXL27.0ESW
	8CPXL27.0ESX
	8CPXL32.0ESW
	8CPXL32.0ESX
	8CPXL34.5E2W
	8CPXL34.5T2E
	8CPXL51.8E2W
	8CPXL58.6T2E
	8CPXL58.6T2X
	8CPXL78.1E2W
	8CPXL78.1T2E
CNH Engine	8X9XL0540AAB
CNH UK LTD	8NHXL04.5DAA
	8NHXL04.5DAB
	8NHXL04.5DCA
	8NHXL04.5DCB
	8NHXL06.7DAA
	8NHXL06.7DCA
	8NHXL06.7DCB
	8NHXL06.7DCC

Manufacturer	Engine Families
Cummins	8CEXL015.AAA
	8CEXL015.AAB
	8CEXL015.AAE
	8CEXL015.AAH
	8CEXL015.AAJ
	8CEXL019.AAD
	8CEXL023.AAA
	8CEXL023.AAB
	8CEXL023.AAC
	8CEXL0275AAG
	8CEXL0275AAH
	8CEXL0275AAK
	8CEXL03.3ACA
	8CEXL03.3ACB
	8CEXL03.3ACD
	8CEXL03.3ACE
	8CEXL030.AAB
	8CEXL030.AAD
	8CEXL030.ABA
	8CEXL0409AAB
	8CEXL0409AAC
	8CEXL0409AAD
	8CEXL045.AAA
	8CEXL050.AAA
	8CEXL050.AAC
	8CEXL050.AAD
	8CEXL050.ABA
	8CEXL0505AAE
	8CEXL0540AAB
	8CEXL060.AAB
	8CEXL060.AAD
	8CEXL0661AAF
	8CEXL0661AAG
	8CEXL0661AAH
	8CEXL0661AAJ
	8CEXL078.AAA
	8CEXL078.AAB
	8CEXL2.28A41

Manufacturer	Engine Families
DAIMLERCHRYSLER	8MBXL07.2RJA
	8MBXL12.8RJB
	8MBXL15.9RJA
Detroit Diesel	8DDXL14.0VLD
Deutz	8DZXL02.3099
	8DZXL02.7096
	8DZXL03.2088
	8DZXL03.6081
	8DZXL03.6082
	8DZXL03.6084
	8DZXL03.6086
	8DZXL03.6097
	8DZXL03.6098
	8DZXL04.1069
	8DZXL04.1070
	8DZXL04.1076
	8DZXL04.1078
	8DZXL04.1079
	8DZXL04.1080
	8DZXL04.8064
	8DZXL04.8068
	8DZXL04.8071
	8DZXL05.4087
	8DZXL06.1057
	8DZXL06.1059
	8DZXL06.1060
	8DZXL06.1061
	8DZXL06.1063
	8DZXL06.1067
	8DZXL06.1077
	8DZXL06.5074
	8DZXL06.5075
	8DZXL07.1051
	8DZXL07.1053
	8DZXL07.1055
	8DZXL07.1056
	8DZXL15.9065
DOOSAN	
INFRACORE	8DWXL05.8UTA
	8DWXL07.6UPA
	8DWXL11.0UJA
	8DWXL21.9UYA

HINO MOTORS	8HMXL05.1JTA

Model Year 2008 Engines (Continued)

Manufacturer	Engine Families
Ishikawajima	8H3XL2.00N4T
	8H3XL2.22N4L
	8H3XL2.22N4T
Isuzu	8SZXL02.2UTA
	8SZXL02.2UXA
	8SZXL03.0IXA
	8SZXL03.0JTA
	8SZXL03.0JXA
	8SZXL03.0JXB
	8SZXL03.0UTB
	8SZXL05.2HXA
	8SZXL05.2IXA
	8SZXL05.2IXB
	8SZXL07.8HXA
	8SZXL07.8HXB
	8SZXL09.8HXA
	8SZXL09.8HXB
	8SZXL15.7HXA
	8SZXL15.7HXB
IVECO	8VEXL03.2TAI
	8VEXL03.2TCE
	8VEXL03.2TCI
	8VEXL04.5DAA
	8VEXL04.5DAB
	8VEXL04.5DCA
	8VEXL04.5DCB
	8VEXL06.7DAA
	8VEXL06.7DCA
	8VEXL06.7DCB
	8VEXL06.7DCC
	8VEXL06.7DGB
	8VEXL06.7DGS
	8VEXL08.7TR3
	8VEXL10.3MLR
	8VEXL10.3TR3
	8VEXL12.9IGR
	8VEXL12.9MLR
	8VEXL12.9TCD
	8VEXL20.1DSL
JCB Power Systems	8JCBL04.4TA7

	8JCBL04.4TA8
	8JCBL04.4TAE
	8JCBL04.4TC6

Model Year 2008 Engines (Continued)

Manufacturer	Engine Families
John Deere Power	8JDXL03.0064
	8JDXL03.0208
	8JDXL04.5075
	8JDXL04.5083
	8JDXL04.5107
	8JDXL06.8038
	8JDXL06.8039
	8JDXL06.8041
	8JDXL06.8049
	8JDXL06.8078
	8JDXL06.8080
	8JDXL06.8101
	8JDXL06.8104
	8JDXL06.8105
	8JDXL06.8106
	8JDXL08.1037
	8JDXL09.0102
	8JDXL09.0114
	8JDXL12.5035
	8JDXL13.5103
Komatsu	8KLXL0275AAG
	8KLXL0275AAH
	8KLXL03.3JA6
	8KLXL03.3JB6
	8KLXL03.3JD6
	8KLXL03.3JD7
	8KLXL03.3JD9
	8KLXL0409AAB
	8KLXL0409AAC
	8KLXL050.AAA
	8KLXL050.AAC
	8KLXL0505AAE
	8KLXL060.AAA
	8KLXL060.AAB
	8KLXL078.AAA
	8KLXL11.0DD6
	8KLXL15.2ED6
	8KLXL15.2ED7
	8KLXL23.2FD5

	8KLXL23.2FD6
	8KLXL23.2FD7
	8KLXL30.5GD3

Model Year 2008 Engines (Continued)

Manufacturer	Engine Families
Kubota	8KBXL02.4FAD
	8KBXL02.4HAD
	8KBXL02.6EAD
	8KBXL03.3CAD
	8KBXL03.6BAC
	8KBXL03.6BAD
	8KBXL03.6BCD
	8KBXL03.6DAD
	8KBXL03.8AAC
	8KBXL03.8AGD
Kukje Machinery	8KMCL2.28A41
M/S. SIMPSON & C.	8SCLL02.7V50
Liebherr Machines	8LHAL10.5LPA
	8LHAL10.5LPE
	8LHAL12.0KPA
	8LHAL12.8RMC
	8LHAL24.2VCE
	8LHAL9.54SPA
Liebherr Werk	8LHAL21.9VMR
Mitsubishi	8MVXL02.5HHH
	8MVXL03.3AAC
	8MVXL04.2BBB
	8MVXL04.2CCC
	8MVXL05.0AAD
	8MVXL05.0AAG
	8MVXL06.4FFF
	8MVXL24.5BBA
	8MVXL33.9BBA
	8MVXL37.1BBA
	8MVXL49.0BBA
	8MVXL65.4BBA
MAHINDRA & MAHINDRA	8MMLL02.5N52
	8MMLL02.5N57
	8MMLL02.5N59
	8MMLL02.5N62
	8MMLL02.5N64
	8MMLL02.7M30

	8MMLL03.3N75
	8MMLL03.3N79

Manufacturer	Engine Families
MOTORENFABRIK	8HZXL3.43C42
	8HZXL3.43V42
MTU DETROIT DIESEL,	8MDDL31.8XRR
	8MDDL35.8GRR
	8MDDL95.4XTR
NISSAN DIESEL	8NDXL03.2TNA
	8NDXL04.2TNA
Perkins Engines	8PKXL04.4NH1
	8PKXL04.4NJ1
	8PKXL04.4NJ2
	8PKXL04.4NM1
	8PKXL04.4RG3
	8PKXL06.6PJ1
	8PKXL06.6PJ2
	8PKXL15.2TA2
	8PKXL15.2TAG
	8PKXL18.1TAG
Scania	8Y9XL11.7BBA
	8Y9XL11.7BBB
	8Y9XL15.6BDE
Volvo	8VSXL09.4CE3
	8VSXL12.1CE3
	8VSXL16.1CE3
Yanmar	8YDXL2.00N4T
	8YDXL3.32C4N
	8YDXL3.32C4T
	8YDXL3.32R4N
	8YDXL3.32M4N
	8YDXL3.32M4T

Manufacturer	Engine Families
AB Volvo Penta	9VPXL09.4BAA
	9VPXL12.1BAA
	9VPXL12.8BCA
	9VPXL16.1ACB
	9VPXL16.1ACW
	9VPXL16.1BEA
	9VSXL09.4CE3
	9VSXL12.1CE3
	9VSXL16.1CE3
Caterpillar	9CPXL07.2ESL
	9CPXL08.8ESK
	9CPXL106.T2E
	9CPXL11.1ESK
	9CPXL12.5ESK
	9CPXL12.5ESX
	9CPXL14.2ELW
	9CPXL15.2ESW
	9CPXL18.1ESK
	9CPXL18.1ESW
	9CPXL18.1ESX
	9CPXL27.0ESK
	9CPXL27.0ESW
	9CPXL27.0ESX
	9CPXL27.0ESX
	9CPXL32.0ESP
	9CPXL32.0ESW
	9CPXL32.0ESX
	9CPXL34.5T2C
	9CPXL34.5T2E
	9CPXL58.6T2E
	9CPXL58.6T2X
	9CPXL58.6T2Y
	9CPXL78.1E2W
	9CPXL78.1T2E
CNH UK LTD	9NHXL04.5DAA
	9NHXL04.5DAB
	9NHXL04.5DCA
	9NHXL04.5DCB
	9NHXL06.7DAA
	9NHXL06.7DCA
	9NHXL06.7DCB
	9NHXL06.7DCC

Manufacturer	Engine Families
Cummins	9CEXL015.AAA
	9CEXL015.AAE
	9CEXL015.AAH
	9CEXL015.AAJ
	9CEXL019.AAD
	9CEXL023.AAA
	9CEXL023.AAB
	9CEXL023.AAC
	9CEXL0275AAG
	9CEXL0275AAH
	9CEXL0275AAK
	9CEXL03.3ACA
	9CEXL03.3ACB
	9CEXL03.3ACD
	9CEXL03.ACE
	9CEXL030.AAB
	9CEXL030.AAD
	9CEXL030.ABA
	9CEXL0409AAB
	9CEXL0409AAC
	9CEXL0409AAD
	9CEXL045.AAA
	9CEXL050.AAA
	9CEXL050.AAC
	9CEXL050.AAD
	9CEXL050.AAF
	9CEXL050.ABA
	9CEXL0505AAE
	9CEXL0540AAB
	9CEXL0540AAD
	9CEXL060.AAB
	9CEXL060.AAD
	9CEXL0661AAF
	9CEXL0661AAG
	9CEXL0661AAH
	9CEXL0661AAJ
	9CEXL078.AAA
	9CEXL2.28A41

Manufacturer	Engine Families
Detroit Diesel	9DDXL14.DVLD
Deutz	9DXZL04.8071
	9DZL04.8073
	9DZXL02.3048
	9DZXL02.3099
	9DZXL02.7096
	9DZXL03.2088
	9DZXL03.6081
	9DZXL03.6082
	9DZXL03.6084
	9DZXL03.6086
	9DZXL03.6097
	9DZXL03.6098
	9DZXL04.1069
	9DZXL04.1070
	9DZXL04.1072
	9DZXL04.1076
	9DZXL04.1078
	9DZXL04.1079
	9DZXL04.1080
	9DZXL04.8064
	9DZXL04.8068
	9DZXL06.1057
	9DZXL06.1059
	9DZXL06.1060
	9DZXL06.1061
	9DZXL06.1063
	9DZXL06.1067
	9DZXL06.1077
	9DZXL06.5074
	9DZXL07.1051
	9DZXL07.1053
	9DZXL07.1055
	9DZXL07.1056
	9DZXL15.9065
DOOSAN	
INFRACORE	9DICL05.8UTA
	9DICL07.6UPA
	9DICL11.0UJA
HINO MOTORS	9HMXL04.0NUA
	9HMXL05.1JTA
	9HMXL07.7JTM
	9HMXL10.5PUN

	9HMXL10.5PUP
	9HXML12.9EUV

Model Year 2009 Engines (Continued)

Manufacturer	Engine Families
Isuzu	9SZXL02.2UXA
	9SZXL03.0IXA
	9SZXL03.0JTA
	9SZXL03.0JXA
	9SZXL03.0JXB
	9SZXL03.0UTB
	9SZXL05.2HXA
	9SZXL05.2IXA
	9SZXL05.2IXB
	9SZXL07.8HXA
	9SZXL07.8HXB
	9SZXL09.8HXA
	9SZXL09.8HXB
	9SZXL15.7HXA
	9SZXL15.7HXB
IVECO	9VEXL03.2TCE
	9VEXL03.2TCI
	9VEXL04.4DCB
	9VEXL04.5DAA
	9VEXL04.5DAB
	9VEXL04.5DCA
	9VEXL06.7DAA
	9VEXL06.7DCA
	9VEXL06.7DCB
	9VEXL06.7DCC
	9VEXL06.7DGB
	9VEXL06.7DGS
	9VEXL08.7TR3
	9VEXL10.3MLR
	9VEXL10.3TR3
	9VEXL12.9IGR
	9VEXL12.9MLR
	9VEXL12.9TCD
	9VEXL20.1DSL
JCB Power Systems	9JCBL04.4TA7
	9JCBL04.4TA8
	9JCBL04.4TAE
	9JCBL04.4TC6

Manufacturer	Engine Families
John Deere Power	9JDXL03.0064
	9JDXL03.0113
	9JDXL03.0203
	9JDXL03.0208
	9JDXL04.5083
	9JDXL04.5107
	9JDXL06.8049
	9JDXL06.8080
	9JDXL06.8101
	9JDXL06.8104
	9JDXL06.8105
	9JDXL06.8106
	9JDXL08.1037
	9JDXL09.0102
	9JDXL09.0114
	9JDXL13.5103
Komatsu	9KLXL0275AAG
	9KLXL0275AAH
	9KLXL03.3JA6
	9KLXL03.3JB6
	9KLXL03.3JD6
	9KLXL03.3JD7
	9KLXL0409AAB
	9KLXL0409AAC
	9KLXL050.AAA
	9KLXL050.AAC
	9KLXL0505AAE
	9KLXL060.AAA
	9KLXL060.AAB
	9KLXL11.0DD6
	9KLXL15,2ED7
	9KLXL15.2ED6
	9KLXL23.2FD5
	9KLXL23.2FD6
	9KLXL23.2FD7
	9KLXL30.5GD3
	9XLXL03.3JD9

Manufacturer	Engine Families
Kubota	9KBXL02.4FAD
	9KBXL02.4HAD
	9KBXL02.6EAD
	9KBXL03.3CAD
	9KBXL03.6BAC
	9KBXL03.6BAD
	9KBXL03.6BCD
	9KBXL03.6DAD
	9KBXL03.8AAC
	9KBXL03.8AGD
	9KBXL03.8AHD
	9KBXL06.1AHD
Kukje Machinery	9KMCL2.28A41
Liebherr Machines	9LHAL10.5LPA
	9LHAL10.5LPE
	9LHAL12.0KPA
	9LHAL12/8RMC
	9LHAL24.2VCE
	9LHAL24.2VCI
LOMBARDINI	
MOTORI	9LBDL2.19CH2
Mitsubishi	9MFTL02.8M4B
	9MFTL04.9M5A
	9MFTL07.5M6A
	9MFTL12.9M7A
	9MVXL03.3AAC
	9MVXL03.3AAH
	9MVXL04.2BBB
	9MVXL04.2CCC
	9MVXL05.0AAD
	9MVXL06.4FFF
	9MVXL24.5BBA
	9MVXL33.9BBA
	9MVXL37.1BBA
	9MVXL49.0BBA
	9MVXL65.4BBA

Manufacturer	Engine Families
MOTORENFABRIK	9HZXL2.57C41
	9HZXL2.57V41
	9HZXL3.43C42
	9HZXL3.43V42
MTU DETROIT DIESEL	9MDDL31.8XRR
	9MDDL35.8GRR
	9MDDL95.4XTR
NAVISTAR	9NVXL0466ANA
NISSAN DIESEL	9NDXL03.2TNA
	9NDXL04.2TNA
Perkins Engines	9PKXL04.4NJ1
	9PKXL04.4NJ2
	9PKXL04.4NM1
	9PKXL04.4NM2
	9PKXL04.4RG3
	9PKXL06.6PJ1
	9PKXL06.6PJ2
	9PKXL12.5TAG
	9PKXL15.2TAG
	9PKXL15.2TAG
	9PKXL18.1TAG
Scania	9Y9XL11.7BBA
	9Y9XL11.7BBB
	9Y9XL15.6BDE
TOYOTA INDUSTRIAL	9TALL02.51DZ
Yanmar	9YDXL2.00N4T
	9YDXL3.05K4N
	9YDXL3.32C4N
	9YDXL3.32C4T
	9YDXL3.32M4N
	9YDXL3.32M4T

Manufacturer	Engine Families
AB Volvo Penta	AVPXL16.1ACB
	AVPXL16.1ACG
	AVPXL16.1ACW
AGCO Sisu	ASIDL07.4G5C
CATERPILLAR	ACPXL07.2ESL
	ACPXL08.8ESK
	ACPXL08.8ESL
	ACPXL08.8ESX
	ACPXL10.3ESL
	ACPXL11.1ESK
	ACPXL12.5ESK
	ACPXL12.5ESX
	ACPXL14.6ESK
	ACPXL15.2ELW
	ACPXL15.2ESW
	ACPXL15.2ESX
	ACPXL18.1ESK
	ACPXL18.1ESW
	ACPXL18.1ESX
	ACPXL27.0ESK
	ACPXL27.0ESW
	ACPXL27.0ESX
	ACPXL32.0ESP
	ACPXL32.0ESW
	ACPXL32.0ESX
	ACPXL34.5T2C
	ACPXL34.5T2E
	ACPXL58.6T2E
	ACPXL58.6T2X
	ACPXL58.6T2Y
	ACPXL78.1E2W
	ACPXL78.1ERK
	ACPXL78.1T2E
	ACPXL78.1T2X
	ACPXL106.T2E
	ACPXL106.T2M

Manufacturer	Engine Families
CNH UK	ANHXL04.5DCB
Cummins	ACEXL2.28A41
	ACEXL03.3ACA
	ACEXL03.3ACB
	ACEXL03.3ACD
	ACEXL03.3ACE
	ACEXL03.3BAA
	ACEXL015.AAE
	ACEXL015.AAH
	ACEXL015.AAJ
	ACEXL019.AAD
	ACEXL023.AAA
	ACEXL023.AAB
	ACEXL023.AAC
	ACEXL030.AAB
	ACEXL030.AAD
	ACEXL030.ABA
	ACEXL045.AAA
	ACEXL050.AAA
	ACEXL050.AAC
	ACEXL050.AAD
	ACEXL050.AAF
	ACEXL050.ABA
	ACEXL060.AAB
	ACEXL060.AAD
	ACEXL060.AAE
	ACEXL078.AAA
	ACEXL078.AAE
	ACEXL0275AAG
	ACEXL0275AAH
	ACEXL0275AAK
	ACEXL0409AAB
	ACEXL0409AAC
	ACEXL0409AAD
	ACEXL0505AAE
	ACEXL0540AAB
	ACEXL0540AAC
	ACEXL0540AAD
	ACEXL0661AAF
	ACEXL0661AAG
	ACEXL0661AAJ

Manufacturer	Engine Families
Daimler AG	AMBXL07.2RJA
	AMBXL12.8RJB
	AMBXL15.9RJA
Detroit Diesel	ADDXL14.0WLD
DEUTZ AG	ADZXL07.1052
Doosan Infracore	ADICL05.8UTA
	ADICL07.6UPA
	ADICL11.0UJA
	ADICL18.3USA
	ADICL21.9UYA
Hyundai	AHYXL03.9TDI
IHI Shibaura	AH3XL2.00N4T
	AH3XL2.22N4L
IVECO	AVEXL04.5DCB
	AVEXL06.7DGB
	AVEXL06.7DGS
	AVEXL08.7TR3
	AVEXL10.3MLR
	AVEXL10.3TR3
	AVEXL12.9IGR
	AVEXL12.9MLR
	AVEXL12.9TCD
	AVEXL20.1DSL
JCB	AJCBL04.4TA7
	AJCBL04.4TA8
	AJCBL04.4TAE
	AJCBL04.4TC6
John Deere	AJDXL03.0064
	AJDXL03.0113
	AJDXL03.0203
	AJDXL03.0206
	AJDXL03.0208
	AJDXL04.5083
	AJDXL04.5107
	AJDXL06.8049
	AJDXL06.8078
	AJDXL06.8080
	AJDXL06.8104
	AJDXL06.8105
	AJDXL06.8106
	AJDXL06.8117
	AJDXL08.1037
	AJDXL09.0114

Manufacturer	Engine Families
Komatsu	AKLXL0409AAB
	AKLXL050.AAC
	AKLXL0505AAE
	AKLXL060.AAB
	AKLXL0275AAG
	AKLXL0275AAH
	AKLXL03.3JA6
	AKLXL03.3JB6
	AKLXL03.3JD6
	AKLXL03.3JD7
	AKLXL03.3JD9
	AKLXL0409AAC
	AKLXL050.AAA
	AKLXL060.AAA
	AKLXL078.AAA
	AKLXL23.2FD5
	AKLXL23.2FD6
	AKLXL23.2FD7
	AKLXL30.5GD3
KUBOTA	AKBXL02.4HAD
	AKBXL03.6BCD
Kukje	AKMCL2.28A41
	AKMCL2.39A44
Liebherr	ALHAL10.5LPA
	ALHAL12.0KPA
	ALHAL24.2VCI
	ALHAL9.54SPA
Mitsubishi Fuso	AMFTL02.8M4B
Mitsubishi	AMVXL02.5HHH
	AMVXL03.3AAC
	AMVXL03.3AAE
	AMVXL03.3AAH
	AMVXL04.2BBB
	AMVXL04.2CCC
	AMVXL05.0AAD
	AMVXL05.0AAG
	AMVXL06.4FFF
	AMVXL24.5BBA
	AMVXL33.9BBA
	AMVXL37.1BBA
	AMVXL49.0BBA
	AMVXL65.4BBA
	AMVXL65.4BBB

Model Year 2010 Engines (Continued)

Manufacturer	Engine Families
MTU Detroit Diesel	AMDDL21.0GWR
	AMDDL31.8XRR
	AMDDL35.8GRR
	AMDDL90.0GTP
	AMDDL95.4GTP
	AMDDL95.4XTR
Nissan Diesel	ANDXL02.7TNA
	ANDXL03.2TNA
	ANDXL04.2TNA
Perkins	APKXL04.4NJ1
	APKXL04.4NJ2
	APKXL04.4NM1
	APKXL04.4NM2
	APKXL04.4RG3
	APKXL06.6PJ1
	APKXL06.6PJ2
	APKXL12.5TAG
	APKXL15.2TA2
	APKXL15.2TAG
	APKXL18.1TAG
SCANIA	AY9XL11.7BBA
	AY9XL11.7BBB
	AY9XL15.6BDE
TOYOTA	ATALL02.51DZ
	ATALL03.503Z
	ATALL05.215Z
VM Motori	AV5XL04.5T60
Yanmar	AYDXL3.32R4N
Zhejiang Xinchai	AZHXL3.17AAA

Manufacturer	Engine Families
AB Volvo Penta	BVPXL16.1ACB
	BVPXL16.1ACG
	BVPXL16.1ACW
AGCO Sisu	BSIDL07.4G4E
	BSIDL07.4G5C
Caterpillar Inc.	BCPXL08.8NZS
	BCPXL106.NZS
	BCPXL11.1ESK
	BCPXL12.5ESK
	BCPXL15.2ESW
	BCPXL15.2NYS
	BCPXL15.2NZS
	BCPXL18.1ESK
	BCPXL18.1NYS
	BCPXL18.1NZS
	BCPXL27.0NZS
	BCPXL32.0NZS
	BCPXL78.1NZS
CNH UK LTD	BNHXL04.5DCB
	BNHXL06.7DCA
	BNHXL06.7DCB
Cummins Inc.	BCEXL015.AAH
	BCEXL015.AAJ
	BCEXL023.AAB
	BCEXL0275AAG
	BCEXL0275AAH
	BCEXL0275AAK
	BCEXL03.3ACA
	BCEXL03.3ACB
	BCEXL03.3ACD
	BCEXL03.3ACE
	BCEXL030.AAD
	BCEXL0409AAB
	BCEXL0409AAC
	BCEXL0409AAD
	BCEXL050.AAC
	BCEXL050.AAD
	BCEXL0505AAE
	BCEXL0540AAB
	BCEXL060.AAB
	BCEXL060.AAD

Manufacturer	Engine Families
Daimler AG	BMBXL04.3RJA
Detroit Diesel	BDDXL14.0WLD
Doosan Infracore	BDICL05.8UTA
	BDICL18.3USA
	BDICL21.9UYA
Hyundai	BHYXL03.9TDI
IHI Shibaura	BH3XL2.00N4T
	BH3XL2.22N4L
Iseki Matsuyama	BICLL2.96D4H
	BICLL3.37D4H
	BICLL3.37D4I
IVECO S.p.A.	BVEXL03.2TAI
	BVEXL04.5DAA
	BVEXL04.5DAB
	BVEXL04.5DCA
	BVEXL04.5DCB
	BVEXL06.7DAA
	BVEXL06.7DCA
	BVEXL06.7DCB
	BVEXL06.7DCC
	BVEXL06.7DGB
	BVEXL06.7DGS
	BVEXL08.7TR3
	BVEXL10.3TR3
	BVEXL12.9IGR
JCB	BJCBL04.4TA7
	BJCBL04.4TA8
	BJCBL04.4TAE
	BJCBL04.4TC6
John Deere	BJDXL03.0064
	BJDXL03.0113
	BJDXL03.0203
	BJDXL03.0206
	BJDXL03.0208
	BJDXL04.5107
	BJDXL04.5130
	BJDXL06.8078
	BJDXL06.8104
	BJDXL06.8105
	BJDXL06.8106
	BJDXL06.8117
	BJDXL06.8120
	BJDXL09.0114

	BJDXL13.5132

Model Year 2011 Engines (Continued)

Manufacturer	Engine Families
Komatsu Ltd	BKLXL0275AAG
Komatsu Ltd	BKLXL0275AAH
Komatsu Ltd	BKLXL03.3JA6
Komatsu Ltd	BKLXL03.3JB6
Komatsu Ltd	BKLXL03.3JD6
Komatsu Ltd	BKLXL03.3JD7
Komatsu Ltd	BKLXL03.3JD9
Komatsu Ltd	BKLXL0409AAC
Komatsu Ltd	BKLXL050.AAC
Komatsu Ltd	BKLXL060.AAB
Komatsu Ltd	BKLXL23.2FD5
KUBOTA	BKBLXL02.4HAD
KUBOTA	BKBLXL03.6BCD
Kukje	BKMCL2.28A41
Kukje	BKMCL2.39A44
Kukje	BKMCL3.41D42
Mitsubishi	BMVXL02.5HHH
Mitsubishi	BMVXL03.3AAC
Mitsubishi	BMVXL03.3AAH
Mitsubishi	BMVXL04.2BBB
Mitsubishi	BMVXL04.2CCC
Mitsubishi	BMVXL05.0AAD
Mitsubishi	BMVXL05.0AAG
Mitsubishi	BMVXL06.4FFF
Mitsubishi	BMVXL24.5BBA
Mitsubishi	BMVXL33.9BBA
Mitsubishi	BMVXL37.1BBA
Mitsubishi	BMVXL49.0BBA
Mitsubishi	BMVXL65.4BBA
Mitsubishi	BMVXL65.4BBB
Mitsubishi Fuso	BMFTL02.8M4B
MTU Detroit Diesel	BMDDL14.0ZWK
MTU Detroit Diesel	BMDDL21.0ZWR
MTU Detroit Diesel	BMDDL31.8XRR
MTU Detroit Diesel	BMDDL35.8GRR
MTU Detroit Diesel	BMDDL95.4XTR

Model Year 2011 Engines (Continued)

Manufacturer	Engine Families
Perkins	BPKXL04.4NJ1
Perkins	BPKXL04.4NJ2
Perkins	BPKXL04.4NM1
Perkins	BPKXL04.4NM2
Perkins	BPKXL04.4RG3
Perkins	BPKXL06.6PJ1
Perkins	BPKXL06.6PJ2
Perkins	BPKXL06.6PJ3
Perkins	BPKXL12.5TAG
Perkins	BPKXL15.2TA2
Perkins	BPKXL15.2TAG
Perkins	BPKXL18.1TAG
Simpson & Co	BSCLL02.7V58
Simpson & Co	BSCLL03.6V74
TOYOTA	BTALL02.51DZ
TOYOTA	BTALL05.215Z
UD Trucks	BNDXL02.7TNA
UD Trucks	BNDXL03.2TNA
UD Trucks	BNDXL04.2TNA
VM Motori	BV5XL04.5T60
Yanmar	BYDXL3.32R4N

Manufacturer	Engine Families
Caterpillar Inc.	CCPXL07.2ESJ
	CCPXL08.8ESJ
	CCPXL08.8NZS
	CCPXL106.NZS
	CCPXL11.1ESJ
	CCPXL11.1ESK
	CCPXL12.5ESJ
	CCPXL12.5ESK
	CCPXL15.2ESJ
	CCPXL15.2ESW
	CCPXL15.2HZA
	CCPXL15.2NYS
	CCPXL15.2NZS
	CCPXL18.1ESJ
	CCPXL18.1ESK
	CCPXL18.1HZA
	CCPXL18.1NYS
	CCPXL18.1NZS
	CCPXL27.0ESJ
	CCPXL27.0HYA
	CCPXL27.0HZA
	CCPXL27.0NZS
	CCPXL32.0HZA
	CCPXL32.0NZS
	CCPXL78.1NZS
Cummins Inc.	CCEXL15.0AAI
	CCEXL015.AAH
	CCEXL015.AAJ
	CCEXL019.AAD
	CCEXL023.AAB
	CCEXL0275AAG
	CCEXL0275AAH
	CCEXL0275AAK
	CCEXL03.3ACD
	CCEXL03.3ACE
	CCEXL030.AAD
	CCEXL0409AAB
	CCEXL0409AAC
	CCEXL0409AAD
	CCEXL050.AAD
	CCEXL0505AAE
	CCEXL0540AAB
	CCEXL060.AAD

	CCEXL0661AAH

Model Year 2012 Engines (continued)

Manufacturer	Engine Families
DAEDONG	CDCLL02.2D7T
	CDCLL02.4B7T
DEERE	CJDXL03.0113
	CJDXL03.0203
	CJDXL03.0206
	CJDXL03.0208
	CJDXL04.5107
	CJDXL04.5119
	CJDXL04.5130
	CJDXL04.5141
	CJDXL04.5212
	CJDXL06.8115
	CJDXL06.8116
	CJDXL06.8117
	CJDXL06.8120
	CJDXL09.0114
	CJDXL09.0140
	CJDXL13.5103
	CJDXL13.5132
Detroit Diesel	CDDXL14.0VLD
	CDDXL14.0WLD
DEUTZ AG	CDZXL02.3099
	CDZXL02.7096
	CDZXL03.6081
	CDZXL03.6082
	CDZXL03.6084
	CDZXL03.6085
	CDZXL05.4087
Doosan Infracore	CDICL18.3USA
	CDICL21.9UYA
FPT INDUSTRIAL	CFPXL03.2SCE
	CFPXL03.2TAI
	CFPXL03.2TCI
	CFPXL06.7DGB
	CFPXL06.7DGS
	CFPXL08.7TR3
	CFPXL10.3TR3
	CFPXL12.9IGR

Manufacturer	Engine Families
ISEKI	CICLL2.96D4H
	CICLL3.37D4H
ISM	CH3XL2.00N4T
	CH3XL2.22N4L
ISUZU	CSZXL02.2UTA
	CSZXL02.2UXA
	CSZXL03.0UTA
	CSZXL03.0UTB
JCB POWER SYS	CJCBL04.4TC5
KOMATSU LTD.	CKLXL03.3JA6
	CKLXL03.3JB6
	CKLXL03.3JD9
	CKLXL23.2FD5
KUBOTA	CKBXL02.4FAD
	CKBXL02.4HAD
	CKBXL02.6EAD
	CKBXL03.3CAD
	CKBXL03.6BAC
	CKBXL03.6BCD
	CKBXL03.6DAD
	CKBXL03.8AAC
	CKBXL03.8CGD
KUKJE	CKMCL2.28A41
	CKMCL3.41D43
M&M	CMMLL02.5N52
	CMMLL02.5N59
	CMMLL02.5N62
	CMMLL02.5N64
MFTA	CMFTL02.8M4B
MITSUBISHI	CMVXL02.5HHH
	CMVXL03.3AAC
	CMVXL03.3AAH
	CMVXL05.0AAD
MOTORENFABRI K HATZ	CHZXL3.43C42
	CHZXL3.43V42
MTU DD	CMDDL14.0ZWK
	CMDDL21.0ZWR
	CMDDL31.8XRR
	CMDDL35.7XNC
	CMDDL35.8GRR

Manufacturer	Engine Families
MTU DD (cont.)	CMDDL57.2XTC
	CMDDL95.4XTR
NISSAN DIESEL	CNDXL02.7TNA
	CNDXL03.2TNA
PERKINS	CPKXL04.4NH1
	CPKXL04.4NJ1
	CPKXL04.4NJ2
	CPKXL04.4NM1
	CPKXL04.4NM2
	CPKXL06.6PJ1
	CPKXL06.6PJ2
	CPKXL06.6PJ3
	CPKXL12.5TAG
	CPKXL15.2TA2
	CPKXL15.2TAG
	CPKXL18.1TAG
SIMPSON & CO	CSCLL02.7V58
	CSCLL03.6V74
TIEM	CTIEL02.51DZ
	CTIEL05.26CA
VOLKSWAGEN	CVWXL02.0CBJ
VPX	CVPXL09.4BAA
	CVPXL12.8BCA
	CVPXL16.1ACB
	CVPXL16.1ACG
	CVPXL16.1ACW
	CVPXL16.1ADA
	CVPXL16.1BDA
	CVPXL16.1BEA
YANGDONG	CYNDL2.55AAA
YANMAR	CYDXL2.00N4T
	CYDXL3.32C4N
	CYDXL3.32C4T
	CYDXL3.32F4T
	CYDXL3.32M4N
	CYDXL3.32R4N

Manufacturer	Engine Families
Caterpillar Inc.	DCPXL07.2ESJ
	DCPXL08.8ESJ
	DCPXL08.8NZS
	DCPXL106.NZS
	DCPXL11.1ESJ
	DCPXL12.5ESJ
	DCPXL15.2NYS
	DCPXL15.2NZS
	DCPXL18.1ESJ
	DCPXL18.1NYS
	DCPXL18.1NZS
	DCPXL27.0NZS
	DCPXL32.0NZS
	DCPXL78.1NZS
Cummins Inc.	DCEXL015.AAH
	DCEXL015.AAJ
	DCEXL019.AAD
	DCEXL023.AAB
	DCEXL0275AAG
	DCEXL0275AAH
	DCEXL0275AAK
	DCEXL030.AAD
	DCEXL0409AAB
	DCEXL0409AAC
	DCEXL0409AAD
	DCEXL050.AAD
	DCEXL0505AAE
	DCEXL0540AAB
	DCEXL060.AAD
	DCEXL0661AAH
DEERE	DJDXL03.0208
	DJDXL04.5111
	DJDXL04.5119
	DJDXL04.5130
	DJDXL04.5141
	DJDXL04.5212
	DJDXL04.5214
	DJDXL06.8104
	DJDXL06.8105
	DJDXL06.8106
	DJDXL06.8120
	DJDXL09.0114
	DJDXL13.5132

Manufacturer	Engine Families
DETROIT DIESEL	DDDXL14.0WLD
DOOSAN	DDICL18.3USA
	DDICL21.9UYA
FPT INDUSTRIAL	DFPXL04.5DTD
	DFPXL06.7DGB
	DFPXL06.7DGS
	DFPXL08.7TR3
	DFPXL10.3TR3
ISM	DH3XL2.22N4L
KOMATSU LTD.	DKLXL060.AAE
	DKLXL23.2FD5
KUKJE MACHINERY	DKMCL3.41D43
mitsubishi	DMVXL24.5BBA
	DMVXL33.9BBA
	DMVXL37.1BBA
	DMVXL49.0BBA
	DMVXL65.4BBA
	DMVXL65.4BBB
MTU DD	DMDDL14.0ZWK
	DMDDL21.0ZWR
	DMDDL31.8XRR
	DMDDL35.8GRR
	DMDDL95.4XTR
PERKINS	DPKXL04.4NH1
	DPKXL04.4NJ1
	DPKXL04.4NJ2
	DPKXL04.4NM1
	DPKXL04.4NM2
	DPKXL06.6PJ1
	DPKXL06.6PJ2
	DPKXL06.6PJ3
	DPKXL12.5TAG
	DPKXL15.2TA2
	DPKXL15.2TAG
	DPKXL18.1TAG
VPX	DVPXL16.1ACB
	DVPXL16.1ACG
	DVPXL16.1ACW

Manufacturer	Engine Families
Caterpillar Inc.	ECPXL08.8NZS
	ECPXL106.NZS
	ECPXL12.5NYS
	ECPXL15.2NYS
	ECPXL15.2NZS
	ECPXL18.1NYS
	ECPXL18.1NZS
	ECPXL27.0NZS
	ECPXL32.0NZS
	ECPXL78.1NZS
Cummins Inc.	ECEXL015.AAH
	ECEXL015.AAJ
	ECEXL019.AAD
	ECEXL0275AAG
	ECEXL0275AAH
	ECEXL0275AAK
	ECEXL03.3ACF
	ECEXL03.3ACG
	ECEXL03.3ACH
	ECEXL03.3ACK
	ECEXL030.AAD
	ECEXL0409AAB
	ECEXL0409AAC
	ECEXL0409AAD
	ECEXL050.AAD
	ECEXL0505AAE
	ECEXL0540AAB
	ECEXL060.AAD
	ECEXL0661AAH
	ECEXL13.0AAA
DEERE	EJDXL03.0208
	EJDXL04.5119
	EJDXL04.5130
	EJDXL04.5141
	EJDXL04.5212
	EJDXL04.5214
	EJDXL06.8105
	EJDXL06.8120
	EJDXL09.0114
	EJDXL13.5132
	EJDXL13.5146

Manufacturer	Engine Families
DETROIT DIESEL	EDDXL14.0WLD
DOOSAN	EDICL18.3USA
	EDICL21.9UYA
FPT INDUSTRIAL	EFPXL08.7TR3
	EFPXL06.7DGS
	EFPXL10.3TR3
	EFPXL06.7DGB
ISM	EH3XL2.22CN3
	EH3XL2.22N4L
KOMATSU LTD.	EKLXL23.2FD5
	EKLXL060.AAE
KUKJE MACHINERY	EKMCL3.41D43
MITSUBISHI	EMVXL24.5BBA
	EMVXL33.9BBA
	EMVXL37.1BBA
	EMVXL49.0BBA
	EMVXL65.4BBA
	EMVXL65.4BBB
MTU DD	EMDDL14.0ZWK
	EMDDL21.0ZWR
	EMDDL31.8XRR
	EMDDL35.8GRR
	EMDDL95.4XTR
PERKINS	EPKXL04.4NH1
	EPKXL04.4NH3
	EPKXL04.4NJ1
	EPKXL04.4NJ2
	EPKXL04.4NJ3
	EPKXL04.4NM1
	EPKXL04.4NM2
	EPKXL06.6PJ1
	EPKXL06.6PJ2
	EPKXL07.0PW1
VPX	EVPXL16.1ACB
	EVPXL16.1ACG
	EVPXL16.1ACW

Model Year 2015 Engines

Manufacturer	Engine Families
Caterpillar Inc.	FCPXL08.8NZS
	FCPXL106.NZS
	FCPXL12.5NYS
	FCPXL15.2NYS
	FCPXL15.2NZS
	FCPXL18.1NYS
	FCPXL18.1NZS
	FCPXL27.0NZS
	FCPXL32.0NZS
	FCPXL78.1NZS
Cummins Inc.	FCEXL015.AAH
	FCEXL015.AAJ
	FCEXL019.AAD
	FCEXL023.AAB
	FCEXL0275AAG
	FCEXL0275AAH
	FCEXL0275AAK
	FCEXL030.AAD
	FCEXL0409AAB
	FCEXL0409AAC
	FCEXL0409AAD
	FCEXL050.AAD
	FCEXL0505AAE
	FCEXL0540AAB
	FCEXL060.AAD
	FCEXL0661AAH
	FCEXL13.0AAA
	FCEXL95.0AAA
DEERE	FJDXL04.5119
	FJDXL04.5141
	FJDXL04.5212
	FJDXL04.5214
	FJDXL06.8120
	FJDXL09.0114
	FJDXL13.5132
	FJDXL13.5146
DETROIT DIESEL	FDDXL14.0WLD

Model Year 2015 Engines (continued)

Manufacturer	Engine Families
FPT INDUSTRIAL	FFPXL03.2TCI
	FFPXL04.5DCB
	FFPXL06.7DGB
	FFPXL06.7DGS
	FFPXL08.7TR3
	FFPXL10.3TR3
ISM	FH3XL2.22N4L
KOMATSU LTD.	FKLXL23.2FD5
KUKJE MACHINERY	FKMCL3.41D43
MERCEDES-BENZ	FMBXL07.2RJC
MITSUBISHI	FMVXL24.5BBA
	FMVXL33.9BBA
	FMVXL37.1BBA
	FMVXL49.0BBA
	FMVXL65.4BBA
MTU DD	FMDDL14.0ZWK
	FMDDL21.0ZWR
	FMDDL31.8XRR
	FMDDL35.8GRR
	FMDDL40.1GNR
	FMDDL95.4XTR
PERKINS	FPKXL04.4NH1
	FPKXL04.4NJ1
	FPKXL04.4NM1
	FPKXL04.4NM2
	FPKXL04.4NR2
	FPKXL06.6PJ1
	FPKXL06.6PJ2
	FPKXL07.0PW1
	FPKXL07.0PW2
VPX	FVPXL16.1ACB
	FVPXL16.1ACG
	FVPXL16.1ACW

	GFPXL12.9IGR

Model Year 2016 Engines (continued)

Manufacturer	Engine Families
Caterpillar Inc.	GCPXL08.8NZS
	GCPXL106.NZS
	GCPXL12.5NYS
	GCPXL15.2NYS
	GCPXL15.2NZS
	GCPXL18.1NYS
	GCPXL18.1NZS
	GCPXL27.0NZS
	GCPXL32.0NZS
	GCPXL78.1NZS
Cummins Inc.	GCEXL015.AAH
	GCEXL015.AAJ
	GCEXL019.AAD
	GCEXL023.AAB
	GCEXL0275AAG
	GCEXL0275AAH
	GCEXL0275AAK
	GCEXL030.AAD
	GCEXL0409AAB
	GCEXL0409AAC
	GCEXL0409AAD
	GCEXL050.AAD
	GCEXL0505AAE
	GCEXL0540AAB
	GCEXL060.AAD
	GCEXL0661AAH
	GCEXL13.0AAA
	GCEXL95.0AAA
DEERE	GJDXL02.9142
	GJDXL04.5119
	GJDXL04.5141
	GJDXL04.5212
	GJDXL04.5214
	GJDXL06.8120
	GJDXL09.0114
	GJDXL13.5132
	GJDXL13.5146
DETROIT DIESEL	GDDXL14.0WLD
FPT INDUSTRIAL	GFPXL04.5DCB
	GFPXL06.7DGB
	GFPXL06.7DGS
	GFPXL08.7TR3
	GFPXL10.3TR3

Manufacturer	Engine Families
ISM	GH3XL2.22N4L
KUBOTA.	GKBXL03.6BAC
KUKJE MACHINERY	GKMCL3.41D43
MERCEDES-BENZ	GMBXL07.2RJC
MITSUBISHI	GMVXL03.3AAJ
	GMVXL03.3CBA
	GMVXL24.5BBA
	GMVXL33.9BBA
	GMVXL37.1BBA
	GMVXL49.0BBA
	GMVXL65.4BBA
MTU DD	GMDDL14.0ZWK
	GMDDL21.0ZWR
	GMDDL31.8XRR
	GMDDL35.8GRR
	GMDDL40.1GNR
	GMDDL95.4GTR
PERKINS	GPKXL04.4NH1
	GPKXL04.4NJ1
	GPKXL04.4NM1
	GPKXL04.4NM2
	GPKXL04.4NR1
	GPKXL04.4NR2
	GPKXL06.6PJ1
	GPKXL06.6PJ2
	GPKXL07.0PW1
	GPKXL07.0PW2
VPX	GVPXL16.1ACB
	GVPXL16.1ACG
	GVPXL16.1ACW

Manufacturer	Engine Families
Caterpillar Inc.	HCPXL08.8NZS
	HCPXL106.NZS
	HCPXL12.5NYS
	HCPXL15.2NYS
	HCPXL15.2NZS
	HCPXL18.1NYS
	HCPXL18.1NZS
	HCPXL27.0NZS
	HCPXL32.0NZS
	HCPXL78.1NZS
Cummins Inc.	HCEXL015.AAH
	HCEXL015.AAJ
	HCEXL019.AAD
	HCEXL023.AAB
	HCEXL0275AAG
	HCEXL0275AAH
	HCEXL0275AAK
	HCEXL030.AAD
	HCEXL0409AAB
	HCEXL0409AAC
	HCEXL0409AAD
	HCEXL050.AAD
	HCEXL0505AAE
	HCEXL0540AAB
	HCEXL060.AAD
	HCEXL0661AAH
	HCEXL95.0AAA
DEERE	HJDXL02.9142
	HJDXL04.5119
	HJDXL04.5141
	HJDXL04.5212
	HJDXL04.5214
	HJDXL06.8120
	HJDXL09.0114
	HJDXL13.5132
	HJDXL13.5146
DETROIT DIESEL	HDDXL14.0WLD
FPT INDUSTRIAL	HFPXL04.5DCB
	HFPXL06.7DGB
	HFPXL06.7DGS
	HFPXL08.7TR3
	HFPXL10.3TR3
	HFPXL12.9IGR

Manufacturer	Engine Families
ISM	HH3XL2.22N4L
KUBOTA.	HKBXL03.6BAC
KUKJE MACHINERY	HKMCL3.41D43
LMB	HLHAL45.0ESP
	HLHAL103.ESP
MERCEDES-BENZ	HMBXL07.2RJC
MITSUBISHI	HMVXL03.3AAJ
	HMVXL03.3CBA
	HMVXL24.5BBA
	HMVXL33.9BBA
	HMVXL37.1BBA
	HMVXL49.0BBA
	HMVXL65.4BBA
MTU DD	HMDDL14.0ZWK
	HMDDL21.0ZWR
	HMDDL31.8XRR
	HMDDL35.8GRR
	HMDDL40.1GNR
	HMDDL95.4GTR
PERKINS	HPKXL04.4NL1
	HPKXL04.4NM1
	HPKXL04.4NM2
	HPKXL04.4NP1
	HPKXL04.4NR1
	HPKXL04.4NR2
	HPKXL07.0PW1
	HPKXL07.0PW2
VPX	HVPXL16.1ACB
	HVPXL16.1ACG
	HVPXL16.1ACW

Manufacturer	Engine Families
Caterpillar Inc.	JCPXL08.8NZS
	JCPXL106.NZS
	JCPXL12.5NYS
	JCPXL15.2NYS
	JCPXL15.2NZS
	JCPXL18.1NYS
	JCPXL18.1NZS
	JCPXL27.0NZS
	JCPXL32.0NZS
	JCPXL78.1NZS
Cummins Inc.	JCEXL015.AAH
	JCEXL015.AAJ
	JCEXL019.AAD
	JCEXL023.AAB
	JCEXL0275AAG
	JCEXL0275AAH
	JCEXL0275AAK
	JCEXL030.AAD
	JCEXL0409AAB
	JCEXL0409AAC
	JCEXL0409AAD
	JCEXL050.AAD
	JCEXL0505AAE
	JCEXL0540AAB
	JCEXL060.AAD
	JCEXL0661AAH
	JCEXL95.0AAA
DEERE	JJDXL02.9142
	JJDXL04.5119
	JJDXL04.5141
	JJDXL04.5214
	JJDXL06.8120
	JJDXL09.0114
	JJDXL13.5132
	JJDXL13.5146
FPT INDUSTRIAL	JFPXL06.7DGB
	JFPXL06.7DGS
	JFPXL08.7TR3
	JFPXL10.3TR3
	JFPXL12.9IGR
KOEL AMERICAS	JKOEL3.24TAX

Manufacturer	Engine Families
KUBOTA.	JKBXL03.6BAC
KUKJE MACHINERY	JKMCL3.41D43
LMB	JLHAL45.0ESP
	JLHAL103.ESP
MERCEDES-BENZ	JMBXL07.2RJC
MITSUBISHI	JMVXL03.3AAJ
	JMVXL03.3CBA
	JMVXL24.5BBA
	JMVXL33.9BBA
	JMVXL37.1BBA
	JMVXL49.0BBA
	JMVXL65.4BBA
MTU DD	JMDDL14.0ZWK
	JMDDL21.0ZWR
	JMDDL35.8GRR
	JMDDL40.1GNR
	JMDDL95.4GTR
PERKINS	JPKXL04.4NL1
	JPKXL04.4NM1
	JPKXL04.4NM2
	JPKXL04.4NP1
	JPKXL04.4NR1
	JPKXL04.4NR2
	JPKXL07.0PW1
	JPKXL07.0PW2
VPX	JVPXL16.1ACB
	JVPXL16.1ACG
	JVPXL16.1ACW

Manufacturer	Engine Families
Caterpillar Inc.	KCPXL08.8NZS
	KCPXL106.NZS
	KCPXL12.5NYS
	KCPXL15.2NYS
	KCPXL15.2NZS
	KCPXL18.1NYS
	KCPXL18.1NZS
	KCPXL27.0NZS
	KCPXL32.0NZS
	KCPXL78.1NZS
Cummins Inc.	KCEXL015.AAH
	KCEXL015.AAJ
	KCEXL019.AAD
	KCEXL023.AAB
	KCEXL0275AAG
	KCEXL0275AAH
	KCEXL0275AAK
	KCEXL030.AAD
	KCEXL0409AAB
	KCEXL0409AAC
	KCEXL0409AAD
	KCEXL050.AAD
	KCEXL0505AAE
	KCEXL0540AAB
	KCEXL060.AAD
	KCEXL0661AAH
	KCEXL95.0AAA
DEERE	KJDXL02.9142
	KJDXL04.5119
	KJDXL04.5141
	KJDXL04.5214
	KJDXL06.8120
	KJDXL09.0114
	KJDXL13.5132
	KJDXL13.5146
FPT INDUSTRIAL	KFPXL06.7DGB
	KFPXL06.7DGS
	KFPXL08.7TR3
	KFPXL10.3TR3
	KFPXL12.9IGR

Manufacturer	Engine Families
KUBOTA.	KKBXL03.6BAC
KUKJE MACHINERY	KKMCL3.41D43
LMB	KLHAL45.0ESP
	KLHAL103.ESP
MITSUBISHI	KMVXL03.3AAJ
	KMVXL03.3CBA
	KMVXL24.5BBA
	KMVXL33.9BBA
	KMVXL37.1BBA
	KMVXL49.0BBA
	KMVXL65.4BBA
MTU DD	KMDDL14.0ZWK
	KMDDL21.0ZWR
	KMDDL35.8GRR
	KMDDL40.1GNR
	KMDDL95.4GTR
PERKINS	KPKXL04.4NL1
	KPKXL04.4NM1
	KPKXL04.4NM2
	KPKXL04.4NP1
	KPKXL04.4NR1
	KPKXL04.4NR2
	KPKXL07.0PW1
	KPKXL07.0PW2
VPX	KVPXL16.1ACB
	KVPXL16.1ACG
	KVPXL16.1ACW

Manufacturer	Engine Families
Caterpillar Inc.	LCPXL08.8NZS
	LCPXL106.NZS
	LCPXL12.5NYS
	LCPXL15.2NYS
	LCPXL15.2NZS
	LCPXL18.1NYS
	LCPXL18.1NZS
	LCPXL27.0NZS
	LCPXL32.0NZS
	LCPXL78.1NZS
Cummins Inc.	LCEXL015.AAH
	LCEXL015.AAJ
	LCEXL019.AAD
	LCEXL023.AAB
	LCEXL0275AAG
	LCEXL0275AAH
	LCEXL0275AAK
	LCEXL030.AAD
	LCEXL0409AAB
	LCEXL0409AAC
	LCEXL0409AAD
	LCEXL050.AAD
	LCEXL0505AAE
	LCEXL0540AAB
	LCEXL060.AAD
	LCEXL0661AAH
	LCEXL13.0AAA
	LCEXL95.0AAA
DEERE	LJDXL02.9142
	LJDXL04.5119
	LJDXL04.5141
	LJDXL04.5214
	LJDXL06.8120
	LJDXL09.0114
	LJDXL13.5132
	LJDXL13.5146
FPT INDUSTRIAL	LFPXL06.7DGB
	LFPXL06.7DGS
	LFPXL06.7LIM
	LFPXL08.7TR3
	LFPXL10.3TR3
	LFPXL12.9IGR

Manufacturer	Engine Families
JCB	LJCBL04.4TAE
KUBOTA.	LKBXL03.6BAC
KUKJE MACHINERY	LKMCL3.41D43
KOEL	LKOEL3.24TAX
LMB	LLHAL103.ESP
	LLHAL45.0ESP
MERCEDES-BENZ	LMBXL07.2RJC
MITSUBISHI	LMVXL03.3AAJ
	LMVXL03.3CBB
	LMVXL24.5BBA
	LMVXL33.9BBA
	LMVXL37.1BBA
	LMVXL49.0BBA
	LMVXL65.4BBA
MTU DD	LMDDL14.0ZWK
	LMDDL21.0ZWR
	LMDDL35.8GRR
	LMDDL40.1GNR
	LMDDL95.4GTR
	LMDDL95.4GTZ
PERKINS	LPKXL04.4NL1
	LPKXL04.4NM1
	LPKXL04.4NM2
	LPKXL04.4NP1
	LPKXL04.4NR1
	LPKXL04.4NR2
	LPKXL07.0PW1
	LPKXL07.0PW2
VPX	LVPXL16.1ACC
	LVPXL16.1ACG
	LVPXL16.1ACW
WEICHA	LWEHL52.3EMS

Manufacturer	Engine Families
Cummins Inc.	MCEXL019.AAD
	MCEXL023.AAB
	MCEXL050.AAD
FPT INDUSTRIAL	MFPXL06.7DGB

APPENDIX A-3: EMISSION CALCULATIONS

Table 1a. Critical Backup Generator Engine Parameters

Parameter	Value
Make	Caterpillar
Model	3516C
Model Year	2020
Tier Certification ¹	4F
Engine Family	LCPXL78.1NZS
Estimated Annual Hours of Operation per Engine (hr/yr) ²	50
Power Output at full load per Engine (bhp) ³	3,634
Fuel Consumption Rate at full load per Engine (gal/hr) ³	175.30
Heating Value of Diesel per Engine (Btu/gal) ⁴	137,000
Heat Input per Engine (MMBtu/hr) ⁵	24.02
Fuel	Diesel
Number of Engines	50
Diesel Particulate Filter Control Efficiency (%) ⁶	85
SCR Outlet NH ₃ Concentration Limit (ppmv) ⁷	10
SCR Exhaust Flowrate (acfm) ⁸	19,579
SCR Exhaust Temperature (F) ⁸	915

1. The engine is certified to Tier 2 standards and has add-on control technology to be Tier 4F-compliant.

2. The critical backup emergency engine is limited to 50 hr/yr for non-emergency purposes per Title 17, CCR Section 93115.6(a)(3)(A)(1)(c): ATCM for Stationary CI Engines.

3. Based on manufacturer data.

4. Heating value of diesel provided in AP-42, Appendix A (09/85).

5. Heat Input (MMBtu/hr) = Fuel Consumption Rate (gal/hr) * Heating Value of Diesel (Btu/gal) / 1,000,000 (Btu/MMBtu).

6. Control efficiency for the Rypos HDPF/C diesel particulate filter per California Air Resource Board Executive Order DE-07-001-08, available here: <https://ww2.arb.ca.gov/sites/default/files/classic/diesel/verdev/vt/stationary/rypos/eode0700108.pdf> and <https://ww2.arb.ca.gov/sites/default/files/classic/diesel/verdev/vt/stationary/rypos/ryposengfam0700108.pdf>

7. Assumes an exhaust concentration of ammonia of 10 ppmv at 3% O₂.

8. Exhaust flowrate and temperature per SCR proposal design.

Table 1b. Life Safety Generator Engine Parameters

Parameter	Value
Make	Caterpillar
Model	C18
Model Year	2020
Tier	2
Engine Family	LCPXL18.1NYS
Estimated Annual Hours of Operation per Engine (hr/yr) ¹	50
Power Output at full load per Engine (bhp) ²	900
Fuel Consumption Rate at full load per Engine (gal/hr) ²	42.70
Heating Value of Diesel per Engine (Btu/gal) ³	137,000
Heat Input per Engine (MMBtu/hr) ⁴	5.85
Fuel	Diesel
Number of Engines	2
Diesel Particulate Filter Control Efficiency (%) ⁵	85

1. The life safety emergency engine is limited to 50 hr/yr for non-emergency purposes per Title 17, CCR Section 93115.6(a)(3)(A)(1)(c): ATCM for Stationary CI Engines.

2. Based on manufacturer data.

3. Heating value of diesel provided in AP-42, Appendix A (09/85).

4. Heat Input (MMBtu/hr) = Fuel Consumption Rate (gal/hr) * Heating Value of Diesel (Btu/gal) / 1,000,000 (Btu/MMBtu).

5. Control efficiency for the Rypos HDPF/C diesel particulate filter per California Air Resource Board Executive Order DE-07-001-08, available here: <https://ww2.arb.ca.gov/sites/default/files/classic/diesel/verdev/vt/stationary/rypos/eode0700108.pdf> and <https://ww2.arb.ca.gov/sites/default/files/classic/diesel/verdev/vt/stationary/rypos/ryposengfam0700108.pdf>

Table 1c. Security Building Generator Engine Parameters

Parameter	Value
Make	Caterpillar/Perkins
Model	C7.1
Model Year	2020
Tier	3
Engine Family	LPKXL07.0PW1
Estimated Annual Hours of Operation per Engine (hr/yr) ¹	50
Power Output at full load per Engine (bhp) ²	280
Fuel Consumption Rate at full load per Engine (gal/hr) ²	13.70
Heating Value of Diesel per Engine (Btu/gal) ³	137,000
Heat Input per Engine (MMBtu/hr) ⁴	1.88
Fuel	Diesel
Number of Engines	1

1. The security building emergency engine is limited to 50 hr/yr for non-emergency purposes per Title 17, CCR Section 93115.6(a)(3)(A)(1)(c): ATCM for Stationary CI Engines.

2. Based on manufacturer data, assuming 2020 model year.

3. Heating value of diesel provided in AP-42, Appendix A (09/85).

4. Heat Input (MMBtu/hr) = Fuel Consumption Rate (gal/hr) * Heating Value of Diesel (Btu/gal) / 1,000,000 (Btu/MMBtu).

Table 2a. Critical Backup Generator Engine Criteria Pollutant Emission Factors

Pollutant	Tier 2 Emission Standard ¹	Post-Abatement Emission Factor ²	Emission Factor ³
PM (grams/bhp-hr) ⁴	0.09	0.02	0.02
NO _x (grams/bhp-hr)	3.78	0.50	0.50
VOC (grams/bhp-hr)	0.19	0.14	0.14
CO (grams/bhp-hr)	0.67	2.6	0.67
SO ₂ (grams/bhp-hr) ⁵	5.50E-03	5.50E-03	0.01

1. Emission factors per EPA engine family certification levels.
2. Emission factors per Miratech (SCR abatement device) emission guarantees for 100% load.
3. Emission factor reflects the lowest emission factor between the Tier 2 standards and the post-abatement emission guarantees.
4. It is conservatively assumed that emission factors for PM₁₀ and PM_{2.5} are equivalent to the emission factor for PM.
5. The proposed engines will use ultra low sulfur diesel fuel which contains 0.0015% sulfur as defined under 40 CFR 80, Subpart I. The SO₂ emission factor is from AP-42 Section 3.4, Table 3.4-1 (10/96).

Table 2b. Life Safety Generator Engine Criteria Pollutant Emission Factors

Pollutant	Emission Factor
PM (grams/bhp-hr) ^{1, 2}	0.082
NO _x (grams/bhp-hr) ¹	4.21
VOC (grams/bhp-hr) ¹	0.082
CO (grams/bhp-hr) ¹	0.60
SO ₂ (grams/bhp-hr) ³	5.50E-03

1. Emission factors per EPA engine family certification levels.
2. It is conservatively assumed that emission factors for PM₁₀ and PM_{2.5} are equivalent to the emission factor for PM.
3. The proposed engines will use ultra low sulfur diesel fuel which contains 0.0015% sulfur as defined under 40 CFR 80, Subpart I. The SO₂ emission factor is from AP-42 Section 3.4, Table 3.4-1 (10/96).

Table 2c. Security Building Generator Engine Criteria Pollutant Emission Factors

Pollutant	Emission Factor
PM (grams/bhp-hr) ^{1, 2}	0.089
NO _x (grams/bhp-hr) ¹	2.744
VOC (grams/bhp-hr) ¹	0.060
CO (grams/bhp-hr) ¹	0.820
SO ₂ (grams/bhp-hr) ³	5.50E-03

1. Emission factors per EPA engine family certification levels.
2. It is conservatively assumed that emission factors for PM₁₀ and PM_{2.5} are equivalent to the emission factor for PM.
3. The proposed engines will use ultra low sulfur diesel fuel which contains 0.0015% sulfur as defined under 40 CFR 80, Subpart I. The SO₂ emission factor is from AP-42 Section 3.4, Table 3.4-1 (10/96).

Table 3. Generator Engine Criteria Pollutant Potential to Emit

Pollutant	Generator Engine Potential to Emit ¹				
	Potential Hourly Emissions per Engine (lb/hr) ^{2,3}			Potential Daily Emissions (lb/day) ⁴	Potential Annual Emissions (tpy) ⁵
	Critical Backup Generator	Life Safety Generator	Security Building Generator		
PM/PM ₁₀ /PM _{2.5}	0.16	0.02	0.06	5.76	0.20
NO _x	10.6	8.36	1.69	469	12.04
VOC	1.12	0.16	0.04	31.7	1.95
CO	5.38	1.18	0.51	170	6.79
SO ₂	0.044	0.011	0.01	1.58	0.06

1. This table reflects emission estimates for routine maintenance and testing activities conducted pursuant to manufacturer specifications.
2. Conversion from gram to pound: 1 g = 0.0022 lbs
3. Potential emissions per engine for NO_x, VOC, CO, and SO₂ (lb/hr) = Diesel Emission Factor (gram/bhp-hr) * 0.0022 lbs/gram * Power Output (bhp).
Potential emissions per engine for the life safety generator for PM, PM₁₀, and PM_{2.5} (lb/hr) = Diesel Emission Factor (gram/bhp-hr) * 0.0022 lbs/gram * Power Output (bhp) * [1- Control Efficiency (%)].
4. Potential daily emissions (lb/day) = Critical Backup Generator Potential Emissions (lb/hr) * Critical Backup Generator Maximum Hours Per Day (hr/day) + Life Safety Generator Potential Emissions (lb/hr) * Life Safety Generator Maximum Hours Per Day (hr/day) + Security Building Generator Potential Emissions (lb/hr) * Security Building Maximum Hours Per Day (hr/day).

The Critical Backup Generator Maximum Hours Per Day for any combination of critical backup generator engines is 24 hours.
where testing and maintenance reflect 15 minutes of Tier 2 NO_x standards while the SCR warms up and 1 hour of Tier 4F NO_x standards. For testing and maintenance in one day, this would result in:
19 hours of emissions achieving Tier 4F NO_x standards, and
5 hours of Tier 2 NO_x standards.

The Life Safety Generator Maximum Hours Per Day for any combination of life safety generators is 24 hours.

The Security Building Generator Maximum Hours Per Day is 24 hours.

5. Potential emissions (tpy) = Critical Backup Generator Potential Emissions (lb/hr) * Critical Backup Generator Maximum Hours Per Year (hr/yr) * Number of generators / 2,000 (lb/ton) + Life Safety Generator Potential Emissions (lb/hr) * Life Safety Generator Maximum Hours Per Year (hr/yr) * Number of generators / 2,000 (lb/ton) + Security Building Generator Potential Emissions (lb/hr) * Security Building Generator Maximum Hours Per Year (hr/yr) * Number of generators / 2,000 (lb/ton)
where testing and maintenance reflect 15 minutes of Tier 2 NO_x standards while the SCR warms up and 1 hour of Tier 4F NO_x standards. For testing and maintenance over 50 hours in a year, this would result in:
40 hours of emissions achieving Tier 4F NO_x standards, and
10 hours of Tier 2 NO_x standards.

Table 4. Critical Backup Generator Ammonia Emissions

Pollutant	Potential Emissions per Engine			Total Annual Emissions (tpy) (all engines) ⁴
	Hourly Emissions (lb/hr) ¹	Daily Emissions (lb/day) ²	Annual Emissions (tpy) ³	
Ammonia	0.20	4.78	4.98E-03	0.25

1. Hourly Emissions (lb/hr) = Ammonia concentration (ppmv) / 10⁶ * Flowrate (acfm) * [60 min/hr] * [Standard Temperature (K) / SCR Temperature (K)] * Pressure (atm) / [Gas Constant (ft³-atm/K-lbmol) * Temperature (K)] * MW_{NH3} (lb/lbmol) .

Where:

Pressure = 1 atm
R = 1.314 ft³-atm/K-lbmol
Temperature = 266 K
Molecular Weight of NH₃ = 17.03 (lb/lb-mol)

2. Daily Emissions (lb/day) = Hourly Emissions (lb/hr) * Daily Hours of Operation (hr/day).

The Critical Backup Generator Maximum Hours Per Day for any combination of critical backup generator engines is

24 hours.

3. Annual Emissions (tpy) = Hourly Emissions (lb/hr) * Annual Operating Hours (hr/yr) / 2,000 (lb/ton).

4. Total Annual Emissions (tpy) = Annual Emissions (tpy) * Number of Engines.

Table 5. Comparison of TAC Emissions to BAAQMD Toxic Thresholds

Pollutant	Hourly Emissions (lb/hr) ¹	Acute (1-hr max) Trigger Level (lb/hr) ²	Annual Emissions (lb/year) ³	Chronic Trigger Level (lb/year) ²	Thresholds Exceeded?
Diesel Particulate Matter (DPM)	0.16	N/A	406	0.26	Yes
Ammonia	0.20	7.1	498.43	7,700	No

1. Hourly Emission Rate (lb/hr) reflects the maximum potential emissions from testing one critical back-up generator, which is the maximum number of generators tested at any point of time.

2. Acute and chronic TAC thresholds from BAAQMD Regulation 2-5, Table 2-5-1 Toxic Air Contaminant Trigger Levels.

3. Annual Emission Rate (lb/year) = Total Annual Emissions (tpy) * 2,000 lb/ton.

Table 6. Generator Engine Greenhouse Gas Potential to Emit

Pollutant	Global Warming Potential ¹	Emission Factor (kg/MMBtu) ²	Potential CO ₂ e Emissions Per Engine (MT per year) ³			Facility-Wide Generator Engine Potential CO ₂ e Emissions (all engines) (MT per year) ⁴
			Critical Backup Generator	Life Safety Generator	Security Building Generator	
CO ₂	1	74	88.81	21.63	6.94	4,491
CH ₄	25	3.00E-03	0.09	0.02	0.01	5
N ₂ O	298	6.00E-04	0.21	0.05	0.02	11
Total CO₂e Emissions (MT):						4,506

1. Global Warming Potentials are obtained from Subpart A of 40 CFR 98, Table A-1 "Global Warming Potentials" (11/29/13).

2. Emission factor for carbon dioxide is obtained from 40 CFR 98, Table C-1 to Subpart C for Distillate Fuel Oil No. 2. Emission factors for methane and nitrous oxide are obtained from 40 CFR 98, Table C-2 to Subpart C for Petroleum Products.

3. CO₂e Potential Emissions Per Engine per Pollutant (MT per year) = EF (kg/MMBtu) * GWP * Heat Input (MMBtu/hr) * Annual Hours of Operation (hr/yr) / 1,000 kg/MT).

4. Total CO₂e Potential Emissions (MT per year) = Sum of CO₂e Potential Emissions per Critical Backup Generator Engine per Pollutant (MT per year) * Number of engines + Sum of CO₂e Potential Emissions per Life Safety Generator Engine per Pollutant (MT per year) * Number of engines + Sum of CO₂e Potential Emissions per Security Building Generator Engine per Pollutant (MT per year) * Number of engines.

Table 7. Generator Engine Comparison to BAAQMD CEQA Thresholds of Significance

Pollutant	BAAQMD CEQA Operational Significance Threshold ¹	Facility-Wide Generator Engine Emissions	Daily Threshold Exceeded?	BAAQMD CEQA Operational Significance Threshold ¹	Facility-Wide Generator Engine Emissions	Annual Threshold Exceeded?
	(lb/day)			(tpy)		
PM ₁₀	82	5.76	No	15	0.20	No
PM _{2.5}	54	5.76	No	10	0.20	No
NO _x	54	469	Yes	10	12.0	Yes
ROG	54	31.7	No	10	1.95	No
CO	N/A	170	N/A	N/A	6.79	N/A
SO ₂	N/A	1.58	N/A	N/A	0.06	N/A
GHGs - Stationary Sources (MT per year)	--	--	--	10,000	4,506	No

1. Per Table 2-1 of the BAAQMD California Environmental Quality Act Air Quality Guidelines, May 2017 available here:

http://www.baaqmd.gov/~media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en

APPENDIX A-4: CALEEMOD OUTPUT FILES

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

GBGF - Phase 1 Option 1

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	220.50	1000sqft	52.47	220,500.00	0
Other Asphalt Surfaces	140.31	1000sqft	3.22	140,312.00	0
Parking Lot	13.55	1000sqft	0.31	13,555.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per construction data provided by client.

Construction Phase - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client, including Concrete Vibrator.

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment - Per construction data provided by the client, including Concrete Vibrator.

Trips and VMT - Based on import and export volumes and phasing.

Grading -

Vehicle Trips - Assuming 150 employees/vendors per day and accounting for Phase 2 employees in Phase 1 as well. Conservatively assumes equal weekday and weekend trip rates.

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Construction Off-road Equipment Mitigation - Updated to Tier 3/Tier 4 as a mitigation measure. Additional fugitive dust mitigation measures per BAAQMD CEQA Guidelines.

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	54.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

[illegible]

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	105.00
tblConstructionPhase	NumDays	1,110.00	60.00
tblConstructionPhase	NumDays	1,110.00	86.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	110.00	30.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	40.00	11.00
tblGrading	MaterialExported	0.00	53,000.00
tblGrading	MaterialImported	0.00	105,000.00
tblLandUse	LandUseSquareFeet	140,310.00	140,312.00
tblLandUse	LandUseSquareFeet	13,550.00	13,555.00
tblLandUse	LotAcreage	5.06	52.47
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

[illegible]

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	0.00	356.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	9.50
tblVehicleTrips	CW_TTP	59.00	90.50
tblVehicleTrips	ST_TR	1.32	0.68
tblVehicleTrips	WD_TR	6.97	0.68

2.0 Emissions Summary

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	1.0103	11.1235	8.4161	0.0223	0.6677	0.4237	1.0915	0.2403	0.3977	0.6380	0.0000	2,003.9518	2,003.9518	0.3559	0.0000	2,012.8487
2022	6.7152	7.2298	6.3066	0.0150	0.3065	0.2990	0.6055	0.0831	0.2827	0.3658	0.0000	1,313.0012	1,313.0012	0.2098	0.0000	1,318.2454
2023	6.5148	5.1317	5.0145	0.0123	0.2947	0.2056	0.5003	0.0799	0.1957	0.2757	0.0000	1,078.8122	1,078.8122	0.1396	0.0000	1,082.3022
2024	2.5146	1.2883	1.3116	3.2500e-003	0.0785	0.0484	0.1269	0.0213	0.0460	0.0673	0.0000	284.6945	284.6945	0.0366	0.0000	285.6089
Maximum	6.7152	11.1235	8.4161	0.0223	0.6677	0.4237	1.0915	0.2403	0.3977	0.6380	0.0000	2,003.9518	2,003.9518	0.3559	0.0000	2,012.8487

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

2.1 Overall Construction**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.4521	6.7913	8.6290	0.0223	0.4616	0.2381	0.6997	0.1520	0.2338	0.3858	0.0000	1,967.3046	1,967.3046	0.3512	0.0000	1,976.0843
2022	6.1903	3.6468	5.8142	0.0150	0.3065	0.1670	0.4735	0.0831	0.1662	0.2492	0.0000	1,195.3747	1,195.3747	0.1960	0.0000	1,200.2747
2023	6.1241	2.9455	4.4410	0.0123	0.2947	0.1452	0.4399	0.0799	0.1451	0.2250	0.0000	962.8172	962.8172	0.1271	0.0000	965.9948
2024	2.4195	0.7798	1.1687	3.2500e-003	0.0785	0.0386	0.1171	0.0213	0.0386	0.0599	0.0000	253.8684	253.8684	0.0335	0.0000	254.7046
Maximum	6.1903	6.7913	8.6290	0.0223	0.4616	0.2381	0.6997	0.1520	0.2338	0.3858	0.0000	1,967.3046	1,967.3046	0.3512	0.0000	1,976.0843

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.36	42.83	4.73	0.00	15.30	39.69	25.55	20.80	36.71	31.70	0.00	6.43	6.43	4.60	0.00	6.43

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-19-2021	7-18-2021	4.9310	3.0810
2	7-19-2021	10-18-2021	2.8099	2.1229
3	10-19-2021	1-18-2022	12.4242	9.7528
4	1-19-2022	4-18-2022	54.3138	52.7448
5	4-19-2022	7-18-2022	62.1994	61.3783
6	7-19-2022	10-18-2022	57.3893	56.6437
7	10-19-2022	1-18-2023	33.1895	32.5017
8	1-19-2023	4-18-2023	59.4226	58.7381

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

9	4-19-2023	7-18-2023	59.3957	58.7212
10	7-19-2023	10-18-2023	53.3446	52.7311
11	10-19-2023	1-18-2024	31.4738	30.8246
12	1-19-2024	4-18-2024	47.6135	47.1430
		Highest	62.1994	61.3783

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Energy	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	841.6320	841.6320	0.0300	0.0107	845.5581
Mobile	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Waste						0.0000	0.0000		0.0000	0.0000	55.5018	0.0000	55.5018	3.2801	0.0000	137.5033
Water						0.0000	0.0000		0.0000	0.0000	16.1770	80.2655	96.4424	1.6652	0.0400	149.9864
Total	1.0681	0.5157	0.9583	4.4700e-003	0.2637	0.0240	0.2877	0.0706	0.0238	0.0944	71.6788	1,174.3337	1,246.0125	4.9828	0.0506	1,385.6750

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Energy	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	841.6320	841.6320	0.0300	0.0107	845.5581
Mobile	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Waste						0.0000	0.0000		0.0000	0.0000	55.5018	0.0000	55.5018	3.2801	0.0000	137.5033
Water						0.0000	0.0000		0.0000	0.0000	16.1770	80.2655	96.4424	1.6652	0.0400	149.9864
Total	1.0037	0.5157	0.9583	4.4700e-003	0.2637	0.0240	0.2877	0.0706	0.0238	0.0944	71.6788	1,174.3337	1,246.0125	4.9828	0.0506	1,385.6750

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site and Building #1 - Site Preparation	Site Preparation	4/19/2021	5/3/2021	5	11	
2	Site and Building #1 - Grading	Grading	4/19/2021	5/28/2021	5	30	

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3	Site and Building #1 - Foundation	Building Construction	5/26/2021	10/19/2021	5	105
4	Site and Building #1 - Structural/Building Exterior/Roof	Building Construction	9/29/2021	12/21/2021	5	60
5	Site and Building #1 - ROMP01	Building Construction	11/8/2021	3/7/2022	5	86
6	Site and Building #1 - Paving	Paving	11/10/2021	3/7/2022	5	84
7	Site and Building #1 - ROMP02	Building Construction	2/7/2022	5/16/2022	5	71
8	Site and Building #1 - ROMP01 ArcCoa	Architectural Coating	3/8/2022	3/9/2022	5	2
9	Site and Building #1 - ROMP03	Building Construction	4/18/2022	7/25/2022	5	71
10	Site and Building #1 - ROMP02 ArcCoa	Architectural Coating	5/17/2022	5/18/2022	5	2
11	Site and Building #1 - ROMP04	Building Construction	6/27/2022	10/3/2022	5	71
12	Site and Building #1 - ROMP03 ArcCoa	Architectural Coating	7/26/2022	7/27/2022	5	2
13	Site and Building #1 - ROMP05	Building Construction	9/5/2022	12/12/2022	5	71
14	Site and Building #1 - ROMP04 ArcCoa	Architectural Coating	10/4/2022	10/5/2022	5	2
15	Site and Building #1 - ROMP06	Building Construction	11/14/2022	2/20/2023	5	71
16	Site and Building #1 - ROMP05 ArcCoa	Architectural Coating	12/13/2022	12/14/2022	5	2
17	Site and Building #1 - ROMP07	Building Construction	1/23/2023	5/1/2023	5	71
18	Site and Building #1 - ROMP06 ArcCoa	Architectural Coating	2/21/2023	2/22/2023	5	2
19	Site and Building #1 - ROMP08	Building Construction	4/3/2023	7/10/2023	5	71
20	Site and Building #1 - ROMP07 ArcCoa	Architectural Coating	5/2/2023	5/3/2023	5	2
21	Site and Building #1 - ROMP09	Building Construction	6/12/2023	9/18/2023	5	71
22	Site and Building #1 - ROMP08 ArcCoa	Architectural Coating	7/11/2023	7/12/2023	5	2
23	Site and Building #1 - ROMP10	Building Construction	8/21/2023	11/27/2023	5	71
24	Site and Building #1 - ROMP09 ArcCoa	Architectural Coating	9/19/2023	9/20/2023	5	2
25	Site and Building #1 - ROMP11	Building Construction	10/30/2023	2/5/2024	5	71
26	Site and Building #1 - ROMP10 ArcCoa	Architectural Coating	11/28/2023	11/29/2023	5	2

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

27	Site and Building #1 - ROMP12	Building Construction	1/8/2024	4/15/2024	5	71
28	Site and Building #1 - ROMP11 ArcCoa	Architectural Coating	2/6/2024	2/7/2024	5	2
29	Site and Building #1 - ROMP12 ArcCoa	Architectural Coating	4/16/2024	4/17/2024	5	2

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 330,750; Non-Residential Outdoor: 110,250; Striped Parking Area: 9,232 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site and Building #1 - Site Preparation	Concrete/Industrial Saws	0	8.00	81	0.73
Site and Building #1 - Site Preparation	Excavators	4	8.00	158	0.38
Site and Building #1 - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site and Building #1 - Site Preparation	Scrapers	4	8.00	367	0.48
Site and Building #1 - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site and Building #1 - Grading	Excavators	3	8.00	158	0.38
Site and Building #1 - Grading	Graders	3	8.00	187	0.41
Site and Building #1 - Grading	Rollers	3	8.00	80	0.38
Site and Building #1 - Grading	Rubber Tired Dozers	3	8.00	247	0.40
Site and Building #1 - Grading	Scrapers	3	8.00	367	0.48
Site and Building #1 - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #1 - Foundation	Bore/Drill Rigs	4	8.00	221	0.50
Site and Building #1 - Foundation	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #1 - Foundation	Cranes	0	8.00	231	0.29

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - Foundation	Excavators	3	8.00	158	0.38
Site and Building #1 - Foundation	Forklifts	0	8.00	89	0.20
Site and Building #1 - Foundation	Generator Sets	0	8.00	84	0.74
Site and Building #1 - Foundation	Other Construction Equipment	4	8.00	172	0.42
Site and Building #1 - Foundation	Pumps	4	8.00	84	0.74
Site and Building #1 - Foundation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #1 - Foundation	Welders	0	8.00	46	0.45
Site and Building #1 - Structural/Building Exterior/Roof	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #1 - Structural/Building Exterior/Roof	Cranes	2	8.00	231	0.29
Site and Building #1 - Structural/Building Exterior/Roof	Forklifts	6	8.00	89	0.20
Site and Building #1 - Structural/Building Exterior/Roof	Generator Sets	2	8.00	84	0.74
Site and Building #1 - Structural/Building Exterior/Roof	Other Construction Equipment	4	8.00	172	0.42
Site and Building #1 - Structural/Building Exterior/Roof	Pumps	4	8.00	84	0.74
Site and Building #1 - Structural/Building Exterior/Roof	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site and Building #1 - Structural/Building Exterior/Roof	Welders	4	8.00	46	0.45
Site and Building #1 - ROMP01	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP01	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP01	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP01	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP01	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP01	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP01	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP01	Welders	3	8.00	46	0.45
Site and Building #1 - Paving	Excavators	2	8.00	158	0.38
Site and Building #1 - Paving	Graders	2	8.00	187	0.41

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - Paving	Pavers	2	8.00	130	0.42
Site and Building #1 - Paving	Paving Equipment	2	8.00	132	0.36
Site and Building #1 - Paving	Plate Compactors	2	8.00	8	0.43
Site and Building #1 - Paving	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - Paving	Rollers	2	8.00	80	0.38
Site and Building #1 - Paving	Rubber Tired Dozers	2	8.00	247	0.40
Site and Building #1 - Paving	Scrapers	2	8.00	367	0.48
Site and Building #1 - Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site and Building #1 - ROMP02		0		0	
Site and Building #1 - ROMP02	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP02	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP02	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP02	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP02	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP02	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP02	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Site and Building #1 - ROMP02	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP01 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP03	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP03	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP03	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP03	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP03	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP03	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP03	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP03	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP02 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - ROMP04	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP04	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP04	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP04	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP04	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP04	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP04	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP04	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP03 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP05	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP05	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP05	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP05	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP05	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP05	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP05	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP05	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP04 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP06	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP06	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP06	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP06	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP06	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP06	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP06	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP06	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP05 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - ROMP07	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP07	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP07	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP07	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP07	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP07	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP07	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP07	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP06 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP08	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP08	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP08	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP08	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP08	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP08	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP08	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP08	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP07 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP09	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP09	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP09	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP09	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP09	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP09	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP09	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP09	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP08 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - ROMP10	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP10	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP10	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP10	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP10	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP10	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP10	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP10	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP09 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP11	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP11	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP11	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP11	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP11	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP11	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP11	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP11	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP10 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP12	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP12	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP12	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP12	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP12	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP12	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP12	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP12	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP11 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - ROMP12 ArcCoa	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site and Building #1 - Site Preparation	12	30.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Grading	18	45.00	0.00	13,125.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Foundation	22	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Structural/Building Exte	27	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP01	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Paving	20	50.00	0.00	356.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP02	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP01 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP02 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP04	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP03 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP05	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP04 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP06	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP05 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP07	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP06 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP08	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP07 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP09	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP08 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Site and Building #1 - POMP10 ArcCo2	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP09 ArcCo2	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP11 ArcCo2	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP10 ArcCo2	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP12 ArcCo2	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP11 ArcCo2	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP12 ArcCo2	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site and Building #1 - Site Preparation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0233	0.0000	0.0233	2.5200e-003	0.0000	2.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0296	0.3245	0.2758	5.2000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	45.2849	45.2849	0.0147	0.0000	45.6511
Total	0.0296	0.3245	0.2758	5.2000e-004	0.0233	0.0139	0.0373	2.5200e-003	0.0128	0.0153	0.0000	45.2849	45.2849	0.0147	0.0000	45.6511

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.2 Site and Building #1 - Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839
Total	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9800e-003	0.0688	0.2739	5.2000e-004		2.9600e-003	2.9600e-003		2.7700e-003	2.7700e-003	0.0000	45.2849	45.2849	0.0147	0.0000	45.6510
Total	9.9800e-003	0.0688	0.2739	5.2000e-004	0.0105	2.9600e-003	0.0135	1.1300e-003	2.7700e-003	3.9000e-003	0.0000	45.2849	45.2849	0.0147	0.0000	45.6510

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.2 Site and Building #1 - Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839
Total	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839

3.3 Site and Building #1 - Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3515	0.0000	0.3515	0.1580	0.0000	0.1580	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1366	1.5107	0.9100	1.8500e-003		0.0662	0.0662		0.0609	0.0609	0.0000	162.9719	162.9719	0.0527	0.0000	164.2896
Total	0.1366	1.5107	0.9100	1.8500e-003	0.3515	0.0662	0.4177	0.1580	0.0609	0.2189	0.0000	162.9719	162.9719	0.0527	0.0000	164.2896

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.3 Site and Building #1 - Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0515	1.7550	0.3824	5.1000e-003	0.1113	5.4800e-003	0.1167	0.0306	5.2400e-003	0.0358	0.0000	494.1779	494.1779	0.0224	0.0000	494.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0800e-003	1.4400e-003	0.0154	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4317	4.4317	1.0000e-004	0.0000	4.4342
Total	0.0535	1.7565	0.3979	5.1500e-003	0.1166	5.5100e-003	0.1221	0.0320	5.2700e-003	0.0373	0.0000	498.6096	498.6096	0.0225	0.0000	499.1727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1582	0.0000	0.1582	0.0711	0.0000	0.0711	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0317	0.2430	0.9559	1.8500e-003		0.0118	0.0118		0.0114	0.0114	0.0000	162.9717	162.9717	0.0527	0.0000	164.2894
Total	0.0317	0.2430	0.9559	1.8500e-003	0.1582	0.0118	0.1700	0.0711	0.0114	0.0825	0.0000	162.9717	162.9717	0.0527	0.0000	164.2894

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.3 Site and Building #1 - Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0515	1.7550	0.3824	5.1000e-003	0.1113	5.4800e-003	0.1167	0.0306	5.2400e-003	0.0358	0.0000	494.1779	494.1779	0.0224	0.0000	494.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0800e-003	1.4400e-003	0.0154	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4317	4.4317	1.0000e-004	0.0000	4.4342
Total	0.0535	1.7565	0.3979	5.1500e-003	0.1166	5.5100e-003	0.1221	0.0320	5.2700e-003	0.0373	0.0000	498.6096	498.6096	0.0225	0.0000	499.1727

3.4 Site and Building #1 - Foundation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3002	2.9440	3.0087	6.1100e-003		0.1417	0.1417		0.1336	0.1336	0.0000	530.5590	530.5590	0.1376	0.0000	533.9981
Total	0.3002	2.9440	3.0087	6.1100e-003		0.1417	0.1417		0.1336	0.1336	0.0000	530.5590	530.5590	0.1376	0.0000	533.9981

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.4 Site and Building #1 - Foundation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8800e-003	0.3151	0.0840	8.0000e-004	0.0191	6.7000e-004	0.0197	5.5100e-003	6.4000e-004	6.1500e-003	0.0000	76.5664	76.5664	3.4800e-003	0.0000	76.6532
Worker	0.0254	0.0176	0.1886	6.0000e-004	0.0654	4.1000e-004	0.0658	0.0174	3.8000e-004	0.0178	0.0000	54.1155	54.1155	1.2300e-003	0.0000	54.1462
Total	0.0353	0.3327	0.2725	1.4000e-003	0.0844	1.0800e-003	0.0855	0.0229	1.0200e-003	0.0239	0.0000	130.6818	130.6818	4.7100e-003	0.0000	130.7995

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1684	2.3287	3.2263	6.1100e-003		0.1137	0.1137		0.1108	0.1108	0.0000	530.5583	530.5583	0.1376	0.0000	533.9975
Total	0.1684	2.3287	3.2263	6.1100e-003		0.1137	0.1137		0.1108	0.1108	0.0000	530.5583	530.5583	0.1376	0.0000	533.9975

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.4 Site and Building #1 - Foundation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8800e-003	0.3151	0.0840	8.0000e-004	0.0191	6.7000e-004	0.0197	5.5100e-003	6.4000e-004	6.1500e-003	0.0000	76.5664	76.5664	3.4800e-003	0.0000	76.6532
Worker	0.0254	0.0176	0.1886	6.0000e-004	0.0654	4.1000e-004	0.0658	0.0174	3.8000e-004	0.0178	0.0000	54.1155	54.1155	1.2300e-003	0.0000	54.1462
Total	0.0353	0.3327	0.2725	1.4000e-003	0.0844	1.0800e-003	0.0855	0.0229	1.0200e-003	0.0239	0.0000	130.6818	130.6818	4.7100e-003	0.0000	130.7995

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2145	1.8862	1.7968	3.0300e-003		0.0997	0.0997		0.0951	0.0951	0.0000	257.7543	257.7543	0.0503	0.0000	259.0122
Total	0.2145	1.8862	1.7968	3.0300e-003		0.0997	0.0997		0.0951	0.0951	0.0000	257.7543	257.7543	0.0503	0.0000	259.0122

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6500e-003	0.1801	0.0480	4.6000e-004	0.0109	3.8000e-004	0.0113	3.1500e-003	3.6000e-004	3.5100e-003	0.0000	43.7522	43.7522	1.9900e-003	0.0000	43.8019
Worker	0.0145	0.0101	0.1077	3.4000e-004	0.0374	2.4000e-004	0.0376	9.9300e-003	2.2000e-004	0.0102	0.0000	30.9231	30.9231	7.0000e-004	0.0000	30.9407
Total	0.0202	0.1901	0.1557	8.0000e-004	0.0483	6.2000e-004	0.0489	0.0131	5.8000e-004	0.0137	0.0000	74.6753	74.6753	2.6900e-003	0.0000	74.7426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0613	1.1178	1.7682	3.0300e-003		0.0683	0.0683		0.0683	0.0683	0.0000	235.1675	235.1675	0.0474	0.0000	236.3519
Total	0.0613	1.1178	1.7682	3.0300e-003		0.0683	0.0683		0.0683	0.0683	0.0000	235.1675	235.1675	0.0474	0.0000	236.3519

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6500e-003	0.1801	0.0480	4.6000e-004	0.0109	3.8000e-004	0.0113	3.1500e-003	3.6000e-004	3.5100e-003	0.0000	43.7522	43.7522	1.9900e-003	0.0000	43.8019
Worker	0.0145	0.0101	0.1077	3.4000e-004	0.0374	2.4000e-004	0.0376	9.9300e-003	2.2000e-004	0.0102	0.0000	30.9231	30.9231	7.0000e-004	0.0000	30.9407
Total	0.0202	0.1901	0.1557	8.0000e-004	0.0483	6.2000e-004	0.0489	0.0131	5.8000e-004	0.0137	0.0000	74.6753	74.6753	2.6900e-003	0.0000	74.7426

3.6 Site and Building #1 - ROMP01 - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0656	0.5589	0.4720	8.4000e-004		0.0293	0.0293		0.0279	0.0279	0.0000	70.8050	70.8050	0.0142	0.0000	71.1611
Total	0.0656	0.5589	0.4720	8.4000e-004		0.0293	0.0293		0.0279	0.0279	0.0000	70.8050	70.8050	0.0142	0.0000	71.1611

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7700e-003	0.1201	0.0320	3.0000e-004	7.2600e-003	2.5000e-004	7.5100e-003	2.1000e-003	2.4000e-004	2.3400e-003	0.0000	29.1681	29.1681	1.3200e-003	0.0000	29.2012
Worker	9.6700e-003	6.7000e-003	0.0718	2.3000e-004	0.0249	1.6000e-004	0.0251	6.6200e-003	1.4000e-004	6.7700e-003	0.0000	20.6154	20.6154	4.7000e-004	0.0000	20.6271
Total	0.0134	0.1268	0.1038	5.3000e-004	0.0322	4.1000e-004	0.0326	8.7200e-003	3.8000e-004	9.1100e-003	0.0000	49.7835	49.7835	1.7900e-003	0.0000	49.8284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0124	0.2297	0.3976	8.4000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	58.0933	58.0933	0.0126	0.0000	58.4090
Total	0.0124	0.2297	0.3976	8.4000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	58.0933	58.0933	0.0126	0.0000	58.4090

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7700e-003	0.1201	0.0320	3.0000e-004	7.2600e-003	2.5000e-004	7.5100e-003	2.1000e-003	2.4000e-004	2.3400e-003	0.0000	29.1681	29.1681	1.3200e-003	0.0000	29.2012
Worker	9.6700e-003	6.7000e-003	0.0718	2.3000e-004	0.0249	1.6000e-004	0.0251	6.6200e-003	1.4000e-004	6.7700e-003	0.0000	20.6154	20.6154	4.7000e-004	0.0000	20.6271
Total	0.0134	0.1268	0.1038	5.3000e-004	0.0322	4.1000e-004	0.0326	8.7200e-003	3.8000e-004	9.1100e-003	0.0000	49.7835	49.7835	1.7900e-003	0.0000	49.8284

3.6 Site and Building #1 - ROMP01 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0683	0.5805	0.5345	9.7000e-004		0.0290	0.0290		0.0276	0.0276	0.0000	81.4296	81.4296	0.0162	0.0000	81.8333
Total	0.0683	0.5805	0.5345	9.7000e-004		0.0290	0.0290		0.0276	0.0276	0.0000	81.4296	81.4296	0.0162	0.0000	81.8333

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0400e-003	0.1307	0.0346	3.5000e-004	8.3500e-003	2.5000e-004	8.6000e-003	2.4100e-003	2.4000e-004	2.6600e-003	0.0000	33.2231	33.2231	1.4500e-003	0.0000	33.2594
Worker	0.0104	6.9100e-003	0.0759	2.5000e-004	0.0286	1.8000e-004	0.0288	7.6200e-003	1.6000e-004	7.7800e-003	0.0000	22.8466	22.8466	4.8000e-004	0.0000	22.8587
Total	0.0144	0.1376	0.1105	6.0000e-004	0.0370	4.3000e-004	0.0374	0.0100	4.0000e-004	0.0104	0.0000	56.0697	56.0697	1.9300e-003	0.0000	56.1181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.2642	0.4572	9.7000e-004		0.0180	0.0180		0.0180	0.0180	0.0000	66.8111	66.8111	0.0144	0.0000	67.1719
Total	0.0142	0.2642	0.4572	9.7000e-004		0.0180	0.0180		0.0180	0.0180	0.0000	66.8111	66.8111	0.0144	0.0000	67.1719

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0400e-003	0.1307	0.0346	3.5000e-004	8.3500e-003	2.5000e-004	8.6000e-003	2.4100e-003	2.4000e-004	2.6600e-003	0.0000	33.2231	33.2231	1.4500e-003	0.0000	33.2594
Worker	0.0104	6.9100e-003	0.0759	2.5000e-004	0.0286	1.8000e-004	0.0288	7.6200e-003	1.6000e-004	7.7800e-003	0.0000	22.8466	22.8466	4.8000e-004	0.0000	22.8587
Total	0.0144	0.1376	0.1105	6.0000e-004	0.0370	4.3000e-004	0.0374	0.0100	4.0000e-004	0.0104	0.0000	56.0697	56.0697	1.9300e-003	0.0000	56.1181

3.7 Site and Building #1 - Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1352	1.4692	0.9926	1.9400e-003		0.0652	0.0652		0.0600	0.0600	0.0000	169.4423	169.4423	0.0542	0.0000	170.7983
Paving	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1373	1.4692	0.9926	1.9400e-003		0.0652	0.0652		0.0600	0.0600	0.0000	169.4423	169.4423	0.0542	0.0000	170.7983

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0215	4.6900e-003	6.0000e-005	2.6000e-003	7.0000e-005	2.6700e-003	6.8000e-004	6.0000e-005	7.4000e-004	0.0000	6.0637	6.0637	2.8000e-004	0.0000	6.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9300e-003	2.0300e-003	0.0217	7.0000e-005	7.5300e-003	5.0000e-005	7.5800e-003	2.0000e-003	4.0000e-005	2.0500e-003	0.0000	6.2372	6.2372	1.4000e-004	0.0000	6.2407
Total	3.5600e-003	0.0236	0.0264	1.3000e-004	0.0101	1.2000e-004	0.0103	2.6800e-003	1.0000e-004	2.7900e-003	0.0000	12.3009	12.3009	4.2000e-004	0.0000	12.3113

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0400	0.3734	1.0471	1.9400e-003		0.0181	0.0181		0.0175	0.0175	0.0000	168.0945	168.0945	0.0541	0.0000	169.4472
Paving	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0420	0.3734	1.0471	1.9400e-003		0.0181	0.0181		0.0175	0.0175	0.0000	168.0945	168.0945	0.0541	0.0000	169.4472

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0215	4.6900e-003	6.0000e-005	2.6000e-003	7.0000e-005	2.6700e-003	6.8000e-004	6.0000e-005	7.4000e-004	0.0000	6.0637	6.0637	2.8000e-004	0.0000	6.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9300e-003	2.0300e-003	0.0217	7.0000e-005	7.5300e-003	5.0000e-005	7.5800e-003	2.0000e-003	4.0000e-005	2.0500e-003	0.0000	6.2372	6.2372	1.4000e-004	0.0000	6.2407
Total	3.5600e-003	0.0236	0.0264	1.3000e-004	0.0101	1.2000e-004	0.0103	2.6800e-003	1.0000e-004	2.7900e-003	0.0000	12.3009	12.3009	4.2000e-004	0.0000	12.3113

3.7 Site and Building #1 - Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1414	1.4979	1.1461	2.3500e-003		0.0652	0.0652		0.0600	0.0600	0.0000	205.1998	205.1998	0.0657	0.0000	206.8419
Paving	2.5300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1439	1.4979	1.1461	2.3500e-003		0.0652	0.0652		0.0600	0.0600	0.0000	205.1998	205.1998	0.0657	0.0000	206.8419

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.2000e-004	0.0239	5.5800e-003	7.0000e-005	2.6800e-003	7.0000e-005	2.7400e-003	7.1000e-004	7.0000e-005	7.7000e-004	0.0000	7.2413	7.2413	3.3000e-004	0.0000	7.2495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.2000e-003	0.0242	8.0000e-005	9.1200e-003	6.0000e-005	9.1800e-003	2.4300e-003	5.0000e-005	2.4800e-003	0.0000	7.2760	7.2760	1.5000e-004	0.0000	7.2798
Total	4.0300e-003	0.0261	0.0298	1.5000e-004	0.0118	1.3000e-004	0.0119	3.1400e-003	1.2000e-004	3.2500e-003	0.0000	14.5173	14.5173	4.8000e-004	0.0000	14.5293

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0465	0.4253	1.2670	2.3500e-003		0.0205	0.0205		0.0199	0.0199	0.0000	203.5683	203.5683	0.0655	0.0000	205.2064
Paving	2.5300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0490	0.4253	1.2670	2.3500e-003		0.0205	0.0205		0.0199	0.0199	0.0000	203.5683	203.5683	0.0655	0.0000	205.2064

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.2000e-004	0.0239	5.5800e-003	7.0000e-005	2.6800e-003	7.0000e-005	2.7400e-003	7.1000e-004	7.0000e-005	7.7000e-004	0.0000	7.2413	7.2413	3.3000e-004	0.0000	7.2495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.2000e-003	0.0242	8.0000e-005	9.1200e-003	6.0000e-005	9.1800e-003	2.4300e-003	5.0000e-005	2.4800e-003	0.0000	7.2760	7.2760	1.5000e-004	0.0000	7.2798
Total	4.0300e-003	0.0261	0.0298	1.5000e-004	0.0118	1.3000e-004	0.0119	3.1400e-003	1.2000e-004	3.2500e-003	0.0000	14.5173	14.5173	4.8000e-004	0.0000	14.5293

3.8 Site and Building #1 - ROMP02 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.8 Site and Building #1 - ROMP02 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.8 Site and Building #1 - ROMP02 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.10 Site and Building #1 - ROMP03 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.10 Site and Building #1 - ROMP03 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.10 Site and Building #1 - ROMP03 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.12 Site and Building #1 - ROMP04 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.12 Site and Building #1 - ROMP04 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.12 Site and Building #1 - ROMP04 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.14 Site and Building #1 - ROMP05 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.14 Site and Building #1 - ROMP05 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.14 Site and Building #1 - ROMP05 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.16 Site and Building #1 - ROMP06 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0520	0.4417	0.4067	7.4000e-004		0.0220	0.0220		0.0210	0.0210	0.0000	61.9573	61.9573	0.0123	0.0000	62.2645
Total	0.0520	0.4417	0.4067	7.4000e-004		0.0220	0.0220		0.0210	0.0210	0.0000	61.9573	61.9573	0.0123	0.0000	62.2645

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0995	0.0263	2.6000e-004	6.3500e-003	1.9000e-004	6.5500e-003	1.8400e-003	1.8000e-004	2.0200e-003	0.0000	25.2784	25.2784	1.1000e-003	0.0000	25.3061
Worker	7.9000e-003	5.2600e-003	0.0578	1.9000e-004	0.0218	1.3000e-004	0.0219	5.8000e-003	1.2000e-004	5.9200e-003	0.0000	17.3833	17.3833	3.7000e-004	0.0000	17.3925
Total	0.0110	0.1047	0.0841	4.5000e-004	0.0281	3.2000e-004	0.0285	7.6400e-003	3.0000e-004	7.9400e-003	0.0000	42.6617	42.6617	1.4700e-003	0.0000	42.6985

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.2010	0.3479	7.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	50.8345	50.8345	0.0110	0.0000	51.1091
Total	0.0108	0.2010	0.3479	7.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	50.8345	50.8345	0.0110	0.0000	51.1091

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0995	0.0263	2.6000e-004	6.3500e-003	1.9000e-004	6.5500e-003	1.8400e-003	1.8000e-004	2.0200e-003	0.0000	25.2784	25.2784	1.1000e-003	0.0000	25.3061
Worker	7.9000e-003	5.2600e-003	0.0578	1.9000e-004	0.0218	1.3000e-004	0.0219	5.8000e-003	1.2000e-004	5.9200e-003	0.0000	17.3833	17.3833	3.7000e-004	0.0000	17.3925
Total	0.0110	0.1047	0.0841	4.5000e-004	0.0281	3.2000e-004	0.0285	7.6400e-003	3.0000e-004	7.9400e-003	0.0000	42.6617	42.6617	1.4700e-003	0.0000	42.6985

3.16 Site and Building #1 - ROMP06 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.4224	0.4144	7.6000e-004		0.0200	0.0200		0.0191	0.0191	0.0000	63.7272	63.7272	0.0125	0.0000	64.0386
Total	0.0496	0.4224	0.4144	7.6000e-004		0.0200	0.0200		0.0191	0.0191	0.0000	63.7272	63.7272	0.0125	0.0000	64.0386

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3900e-003	0.0782	0.0243	2.6000e-004	6.5300e-003	9.0000e-005	6.6200e-003	1.8900e-003	8.0000e-005	1.9700e-003	0.0000	25.2565	25.2565	9.6000e-004	0.0000	25.2806
Worker	7.6100e-003	4.8600e-003	0.0547	1.9000e-004	0.0224	1.4000e-004	0.0226	5.9600e-003	1.2000e-004	6.0900e-003	0.0000	17.2008	17.2008	3.4000e-004	0.0000	17.2092
Total	0.0100	0.0831	0.0790	4.5000e-004	0.0289	2.3000e-004	0.0292	7.8500e-003	2.0000e-004	8.0600e-003	0.0000	42.4573	42.4573	1.3000e-003	0.0000	42.4898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0111	0.2067	0.3578	7.6000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	52.2866	52.2866	0.0112	0.0000	52.5672
Total	0.0111	0.2067	0.3578	7.6000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	52.2866	52.2866	0.0112	0.0000	52.5672

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3900e-003	0.0782	0.0243	2.6000e-004	6.5300e-003	9.0000e-005	6.6200e-003	1.8900e-003	8.0000e-005	1.9700e-003	0.0000	25.2565	25.2565	9.6000e-004	0.0000	25.2806
Worker	7.6100e-003	4.8600e-003	0.0547	1.9000e-004	0.0224	1.4000e-004	0.0226	5.9600e-003	1.2000e-004	6.0900e-003	0.0000	17.2008	17.2008	3.4000e-004	0.0000	17.2092
Total	0.0100	0.0831	0.0790	4.5000e-004	0.0289	2.3000e-004	0.0292	7.8500e-003	2.0000e-004	8.0600e-003	0.0000	42.4573	42.4573	1.3000e-003	0.0000	42.4898

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.18 Site and Building #1 - ROMP07 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.18 Site and Building #1 - ROMP07 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.18 Site and Building #1 - ROMP07 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.20 Site and Building #1 - ROMP08 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.20 Site and Building #1 - ROMP08 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.20 Site and Building #1 - ROMP08 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.22 Site and Building #1 - ROMP09 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.22 Site and Building #1 - ROMP09 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.22 Site and Building #1 - ROMP09 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.24 Site and Building #1 - ROMP10 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.24 Site and Building #1 - ROMP10 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.24 Site and Building #1 - ROMP10 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.26 Site and Building #1 - ROMP11 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0620	0.5280	0.5180	9.5000e-004		0.0250	0.0250		0.0238	0.0238	0.0000	79.6590	79.6590	0.0156	0.0000	80.0482
Total	0.0620	0.5280	0.5180	9.5000e-004		0.0250	0.0250		0.0238	0.0238	0.0000	79.6590	79.6590	0.0156	0.0000	80.0482

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9800e-003	0.0978	0.0304	3.3000e-004	8.1700e-003	1.1000e-004	8.2800e-003	2.3600e-003	1.0000e-004	2.4700e-003	0.0000	31.5707	31.5707	1.2000e-003	0.0000	31.6008
Worker	9.5100e-003	6.0800e-003	0.0683	2.4000e-004	0.0280	1.7000e-004	0.0282	7.4500e-003	1.6000e-004	7.6100e-003	0.0000	21.5009	21.5009	4.2000e-004	0.0000	21.5115
Total	0.0125	0.1039	0.0988	5.7000e-004	0.0362	2.8000e-004	0.0365	9.8100e-003	2.6000e-004	0.0101	0.0000	53.0716	53.0716	1.6200e-003	0.0000	53.1123

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0139	0.2584	0.4473	9.5000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	65.3582	65.3582	0.0140	0.0000	65.7090
Total	0.0139	0.2584	0.4473	9.5000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	65.3582	65.3582	0.0140	0.0000	65.7090

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9800e-003	0.0978	0.0304	3.3000e-004	8.1700e-003	1.1000e-004	8.2800e-003	2.3600e-003	1.0000e-004	2.4700e-003	0.0000	31.5707	31.5707	1.2000e-003	0.0000	31.6008
Worker	9.5100e-003	6.0800e-003	0.0683	2.4000e-004	0.0280	1.7000e-004	0.0282	7.4500e-003	1.6000e-004	7.6100e-003	0.0000	21.5009	21.5009	4.2000e-004	0.0000	21.5115
Total	0.0125	0.1039	0.0988	5.7000e-004	0.0362	2.8000e-004	0.0365	9.8100e-003	2.6000e-004	0.0101	0.0000	53.0716	53.0716	1.6200e-003	0.0000	53.1123

3.26 Site and Building #1 - ROMP11 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0335	0.2857	0.2967	5.5000e-004		0.0128	0.0128		0.0122	0.0122	0.0000	46.0249	46.0249	8.8900e-003	0.0000	46.2472
Total	0.0335	0.2857	0.2967	5.5000e-004		0.0128	0.0128		0.0122	0.0122	0.0000	46.0249	46.0249	8.8900e-003	0.0000	46.2472

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0558	0.0170	1.9000e-004	4.7200e-003	6.0000e-005	4.7800e-003	1.3600e-003	6.0000e-005	1.4200e-003	0.0000	18.1161	18.1161	6.8000e-004	0.0000	18.1331
Worker	5.1700e-003	3.1700e-003	0.0366	1.3000e-004	0.0162	1.0000e-004	0.0163	4.3100e-003	9.0000e-005	4.3900e-003	0.0000	11.9348	11.9348	2.2000e-004	0.0000	11.9403
Total	6.8400e-003	0.0590	0.0536	3.2000e-004	0.0209	1.6000e-004	0.0211	5.6700e-003	1.5000e-004	5.8100e-003	0.0000	30.0509	30.0509	9.0000e-004	0.0000	30.0734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0300e-003	0.1493	0.2584	5.5000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	37.7622	37.7622	8.0600e-003	0.0000	37.9636
Total	8.0300e-003	0.1493	0.2584	5.5000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	37.7622	37.7622	8.0600e-003	0.0000	37.9636

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0558	0.0170	1.9000e-004	4.7200e-003	6.0000e-005	4.7800e-003	1.3600e-003	6.0000e-005	1.4200e-003	0.0000	18.1161	18.1161	6.8000e-004	0.0000	18.1331
Worker	5.1700e-003	3.1700e-003	0.0366	1.3000e-004	0.0162	1.0000e-004	0.0163	4.3100e-003	9.0000e-005	4.3900e-003	0.0000	11.9348	11.9348	2.2000e-004	0.0000	11.9403
Total	6.8400e-003	0.0590	0.0536	3.2000e-004	0.0209	1.6000e-004	0.0211	5.6700e-003	1.5000e-004	5.8100e-003	0.0000	30.0509	30.0509	9.0000e-004	0.0000	30.0734

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.28 Site and Building #1 - ROMP12 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0914	0.7801	0.8103	1.5000e-003		0.0349	0.0349		0.0332	0.0332	0.0000	125.6834	125.6834	0.0243	0.0000	126.2905
Total	0.0914	0.7801	0.8103	1.5000e-003		0.0349	0.0349		0.0332	0.0332	0.0000	125.6834	125.6834	0.0243	0.0000	126.2905

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.28 Site and Building #1 - ROMP12 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5500e-003	0.1524	0.0463	5.1000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.4709	49.4709	1.8600e-003	0.0000	49.5174
Worker	0.0141	8.6700e-003	0.1000	3.6000e-004	0.0442	2.6000e-004	0.0445	0.0118	2.4000e-004	0.0120	0.0000	32.5912	32.5912	6.0000e-004	0.0000	32.6063
Total	0.0187	0.1610	0.1463	8.7000e-004	0.0571	4.3000e-004	0.0575	0.0155	4.0000e-004	0.0159	0.0000	82.0621	82.0621	2.4600e-003	0.0000	82.1236

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1199	103.1199	0.0220	0.0000	103.6699
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1199	103.1199	0.0220	0.0000	103.6699

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.28 Site and Building #1 - ROMP12 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5500e-003	0.1524	0.0463	5.1000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.4709	49.4709	1.8600e-003	0.0000	49.5174
Worker	0.0141	8.6700e-003	0.1000	3.6000e-004	0.0442	2.6000e-004	0.0445	0.0118	2.4000e-004	0.0120	0.0000	32.5912	32.5912	6.0000e-004	0.0000	32.6063
Total	0.0187	0.1610	0.1463	8.7000e-004	0.0571	4.3000e-004	0.0575	0.0155	4.0000e-004	0.0159	0.0000	82.0621	82.0621	2.4600e-003	0.0000	82.1236

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1820	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1820	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Unmitigated	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	149.94	149.94	149.94	709,144	709,144
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	149.94	149.94	149.94	709,144	709,144

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	90.50	0.00	9.50	92	5	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	531.2259	531.2259	0.0240	4.9700e-003	533.3074
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	531.2259	531.2259	0.0240	4.9700e-003	533.3074
NaturalGas Mitigated	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
NaturalGas Unmitigated	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.81679e+006	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.81679e+006	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.82133e+006	529.8458	0.0240	4.9600e-003	531.9219
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4744.25	1.3802	6.0000e-005	1.0000e-005	1.3856
Total		531.2259	0.0240	4.9700e-003	533.3074

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.82133e+006	529.8458	0.0240	4.9600e-003	531.9219
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4744.25	1.3802	6.0000e-005	1.0000e-005	1.3856
Total		531.2259	0.0240	4.9700e-003	533.3074

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Unmitigated	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8711					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Total	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8067					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Total	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.4424	1.6652	0.0400	149.9864
Unmitigated	96.4424	1.6652	0.0400	149.9864

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.9906 / 0	96.4424	1.6652	0.0400	149.9864
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		96.4424	1.6652	0.0400	149.9864

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.9906 / 0	96.4424	1.6652	0.0400	149.9864
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		96.4424	1.6652	0.0400	149.9864

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

8.0 Waste Detail

8.1 Mitigation Measures Waste**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.5018	3.2801	0.0000	137.5033
Unmitigated	55.5018	3.2801	0.0000	137.5033

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	273.42	55.5018	3.2801	0.0000	137.5033
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		55.5018	3.2801	0.0000	137.5033

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	273.42	55.5018	3.2801	0.0000	137.5033
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		55.5018	3.2801	0.0000	137.5033

GBGF - Phase 1 Option 1 - Santa Clara County, Annual

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

GBGF - Phase 1 Option 2

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	220.50	1000sqft	52.47	220,500.00	0
Other Asphalt Surfaces	140.31	1000sqft	3.22	140,312.00	0
Parking Lot	13.55	1000sqft	0.31	13,555.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per construction data provided by client.

Construction Phase - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client, including Concrete Vibrator.

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment - Per construction data provided by the client, including Concrete Vibrator.

Trips and VMT - Based on import and export volumes and phasing.

Grading -

Vehicle Trips - Assuming 150 employees/vendors per day and accounting for Phase 2 employees in Phase 1 as well. Conservatively assumes equal weekday and weekend trip rates.

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Construction Off-road Equipment Mitigation - Updated to Tier 3/Tier 4 as a mitigation measure. Additional fugitive dust mitigation measures per BAAQMD CEQA Guidelines.

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	54.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

[illegible]

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	105.00
tblConstructionPhase	NumDays	1,110.00	60.00
tblConstructionPhase	NumDays	1,110.00	86.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	110.00	30.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	40.00	11.00
tblGrading	MaterialExported	0.00	53,000.00
tblGrading	MaterialImported	0.00	105,000.00
tblLandUse	LandUseSquareFeet	140,310.00	140,312.00
tblLandUse	LandUseSquareFeet	13,550.00	13,555.00
tblLandUse	LotAcreage	5.06	52.47
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

[illegible]

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	0.00	356.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	9.50
tblVehicleTrips	CW_TTP	59.00	90.50
tblVehicleTrips	ST_TR	1.32	0.68
tblVehicleTrips	WD_TR	6.97	0.68

2.0 Emissions Summary

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	1.0103	11.1235	8.4161	0.0223	0.6677	0.4237	1.0915	0.2403	0.3977	0.6380	0.0000	2,003.9518	2,003.9518	0.3559	0.0000	2,012.8487
2022	6.7152	7.2298	6.3066	0.0150	0.3065	0.2990	0.6055	0.0831	0.2827	0.3658	0.0000	1,313.0012	1,313.0012	0.2098	0.0000	1,318.2454
2023	6.5148	5.1317	5.0145	0.0123	0.2947	0.2056	0.5003	0.0799	0.1957	0.2757	0.0000	1,078.8122	1,078.8122	0.1396	0.0000	1,082.3022
2024	2.5146	1.2883	1.3116	3.2500e-003	0.0785	0.0484	0.1269	0.0213	0.0460	0.0673	0.0000	284.6945	284.6945	0.0366	0.0000	285.6089
Maximum	6.7152	11.1235	8.4161	0.0223	0.6677	0.4237	1.0915	0.2403	0.3977	0.6380	0.0000	2,003.9518	2,003.9518	0.3559	0.0000	2,012.8487

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

2.1 Overall Construction**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.4336	6.7221	9.0938	0.0223	0.4616	0.2562	0.7178	0.1520	0.2534	0.4054	0.0000	1,967.3046	1,967.3046	0.3512	0.0000	1,976.0843
2022	6.1920	3.7190	5.8142	0.0150	0.3065	0.1724	0.4789	0.0831	0.1715	0.2546	0.0000	1,195.3747	1,195.3747	0.1960	0.0000	1,200.2747
2023	6.1241	2.9455	4.4410	0.0123	0.2947	0.1452	0.4399	0.0799	0.1451	0.2250	0.0000	962.8172	962.8172	0.1271	0.0000	965.9948
2024	2.4195	0.7798	1.1687	3.2500e-003	0.0785	0.0386	0.1171	0.0213	0.0386	0.0599	0.0000	253.8684	253.8684	0.0335	0.0000	254.7046
Maximum	6.1920	6.7221	9.0938	0.0223	0.4616	0.2562	0.7178	0.1520	0.2534	0.4054	0.0000	1,967.3046	1,967.3046	0.3512	0.0000	1,976.0843

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.46	42.82	2.52	0.00	15.30	37.29	24.54	20.80	34.01	29.84	0.00	6.43	6.43	4.60	0.00	6.43

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-19-2021	7-18-2021	4.9310	3.0724
2	7-19-2021	10-18-2021	2.8099	1.9436
3	10-19-2021	1-18-2022	12.4242	9.8679
4	1-19-2022	4-18-2022	54.3138	52.7999
5	4-19-2022	7-18-2022	62.1994	61.3783
6	7-19-2022	10-18-2022	57.3893	56.6437
7	10-19-2022	1-18-2023	33.1895	32.5017
8	1-19-2023	4-18-2023	59.4226	58.7381

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

9	4-19-2023	7-18-2023	59.3957	58.7212
10	7-19-2023	10-18-2023	53.3446	52.7311
11	10-19-2023	1-18-2024	31.4738	30.8246
12	1-19-2024	4-18-2024	47.6135	47.1430
		Highest	62.1994	61.3783

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Energy	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	841.6320	841.6320	0.0300	0.0107	845.5581
Mobile	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Waste						0.0000	0.0000		0.0000	0.0000	55.5018	0.0000	55.5018	3.2801	0.0000	137.5033
Water						0.0000	0.0000		0.0000	0.0000	16.1770	80.2655	96.4424	1.6652	0.0400	149.9864
Total	1.0681	0.5157	0.9583	4.4700e-003	0.2637	0.0240	0.2877	0.0706	0.0238	0.0944	71.6788	1,174.3337	1,246.0125	4.9828	0.0506	1,385.6750

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Energy	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	841.6320	841.6320	0.0300	0.0107	845.5581
Mobile	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Waste						0.0000	0.0000		0.0000	0.0000	55.5018	0.0000	55.5018	3.2801	0.0000	137.5033
Water						0.0000	0.0000		0.0000	0.0000	16.1770	80.2655	96.4424	1.6652	0.0400	149.9864
Total	1.0037	0.5157	0.9583	4.4700e-003	0.2637	0.0240	0.2877	0.0706	0.0238	0.0944	71.6788	1,174.3337	1,246.0125	4.9828	0.0506	1,385.6750

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site and Building #1 - Site Preparation	Site Preparation	4/19/2021	5/3/2021	5	11	
2	Site and Building #1 - Grading	Grading	4/19/2021	5/28/2021	5	30	

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3	Site and Building #1 - Foundation	Building Construction	5/26/2021	10/19/2021	5	105
4	Site and Building #1 - Structural/Building Exterior/Roof	Building Construction	9/29/2021	12/21/2021	5	60
5	Site and Building #1 - ROMP01	Building Construction	11/8/2021	3/7/2022	5	86
6	Site and Building #1 - Paving	Paving	11/10/2021	3/7/2022	5	84
7	Site and Building #1 - ROMP02	Building Construction	2/7/2022	5/16/2022	5	71
8	Site and Building #1 - ROMP01 ArcCoa	Architectural Coating	3/8/2022	3/9/2022	5	2
9	Site and Building #1 - ROMP03	Building Construction	4/18/2022	7/25/2022	5	71
10	Site and Building #1 - ROMP02 ArcCoa	Architectural Coating	5/17/2022	5/18/2022	5	2
11	Site and Building #1 - ROMP04	Building Construction	6/27/2022	10/3/2022	5	71
12	Site and Building #1 - ROMP03 ArcCoa	Architectural Coating	7/26/2022	7/27/2022	5	2
13	Site and Building #1 - ROMP05	Building Construction	9/5/2022	12/12/2022	5	71
14	Site and Building #1 - ROMP04 ArcCoa	Architectural Coating	10/4/2022	10/5/2022	5	2
15	Site and Building #1 - ROMP06	Building Construction	11/14/2022	2/20/2023	5	71
16	Site and Building #1 - ROMP05 ArcCoa	Architectural Coating	12/13/2022	12/14/2022	5	2
17	Site and Building #1 - ROMP07	Building Construction	1/23/2023	5/1/2023	5	71
18	Site and Building #1 - ROMP06 ArcCoa	Architectural Coating	2/21/2023	2/22/2023	5	2
19	Site and Building #1 - ROMP08	Building Construction	4/3/2023	7/10/2023	5	71
20	Site and Building #1 - ROMP07 ArcCoa	Architectural Coating	5/2/2023	5/3/2023	5	2
21	Site and Building #1 - ROMP09	Building Construction	6/12/2023	9/18/2023	5	71
22	Site and Building #1 - ROMP08 ArcCoa	Architectural Coating	7/11/2023	7/12/2023	5	2
23	Site and Building #1 - ROMP10	Building Construction	8/21/2023	11/27/2023	5	71
24	Site and Building #1 - ROMP09 ArcCoa	Architectural Coating	9/19/2023	9/20/2023	5	2
25	Site and Building #1 - ROMP11	Building Construction	10/30/2023	2/5/2024	5	71
26	Site and Building #1 - ROMP10 ArcCoa	Architectural Coating	11/28/2023	11/29/2023	5	2

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

27	Site and Building #1 - ROMP12	Building Construction	1/8/2024	4/15/2024	5	71
28	Site and Building #1 - ROMP11 ArcCoa	Architectural Coating	2/6/2024	2/7/2024	5	2
29	Site and Building #1 - ROMP12 ArcCoa	Architectural Coating	4/16/2024	4/17/2024	5	2

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 330,750; Non-Residential Outdoor: 110,250; Striped Parking Area: 9,232 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site and Building #1 - Site Preparation	Concrete/Industrial Saws	0	8.00	81	0.73
Site and Building #1 - Site Preparation	Excavators	4	8.00	158	0.38
Site and Building #1 - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site and Building #1 - Site Preparation	Scrapers	4	8.00	367	0.48
Site and Building #1 - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site and Building #1 - Grading	Excavators	3	8.00	158	0.38
Site and Building #1 - Grading	Graders	3	8.00	187	0.41
Site and Building #1 - Grading	Rollers	3	8.00	80	0.38
Site and Building #1 - Grading	Rubber Tired Dozers	3	8.00	247	0.40
Site and Building #1 - Grading	Scrapers	3	8.00	367	0.48
Site and Building #1 - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #1 - Foundation	Bore/Drill Rigs	4	8.00	221	0.50
Site and Building #1 - Foundation	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #1 - Foundation	Cranes	0	8.00	231	0.29

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - Foundation	Excavators	3	8.00	158	0.38
Site and Building #1 - Foundation	Forklifts	0	8.00	89	0.20
Site and Building #1 - Foundation	Generator Sets	0	8.00	84	0.74
Site and Building #1 - Foundation	Other Construction Equipment	4	8.00	172	0.42
Site and Building #1 - Foundation	Pumps	4	8.00	84	0.74
Site and Building #1 - Foundation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #1 - Foundation	Welders	0	8.00	46	0.45
Site and Building #1 - Structural/Building Exterior/Roof	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #1 - Structural/Building Exterior/Roof	Cranes	2	8.00	231	0.29
Site and Building #1 - Structural/Building Exterior/Roof	Forklifts	6	8.00	89	0.20
Site and Building #1 - Structural/Building Exterior/Roof	Generator Sets	2	8.00	84	0.74
Site and Building #1 - Structural/Building Exterior/Roof	Other Construction Equipment	4	8.00	172	0.42
Site and Building #1 - Structural/Building Exterior/Roof	Pumps	4	8.00	84	0.74
Site and Building #1 - Structural/Building Exterior/Roof	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site and Building #1 - Structural/Building Exterior/Roof	Welders	4	8.00	46	0.45
Site and Building #1 - ROMP01	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP01	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP01	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP01	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP01	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP01	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP01	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP01	Welders	3	8.00	46	0.45
Site and Building #1 - Paving	Excavators	2	8.00	158	0.38
Site and Building #1 - Paving	Graders	2	8.00	187	0.41

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - Paving	Pavers	2	8.00	130	0.42
Site and Building #1 - Paving	Paving Equipment	2	8.00	132	0.36
Site and Building #1 - Paving	Plate Compactors	2	8.00	8	0.43
Site and Building #1 - Paving	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - Paving	Rollers	2	8.00	80	0.38
Site and Building #1 - Paving	Rubber Tired Dozers	2	8.00	247	0.40
Site and Building #1 - Paving	Scrapers	2	8.00	367	0.48
Site and Building #1 - Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site and Building #1 - ROMP02		0		0	
Site and Building #1 - ROMP02	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP02	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP02	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP02	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP02	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP02	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP02	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Site and Building #1 - ROMP02	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP01 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP03	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP03	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP03	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP03	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP03	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP03	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP03	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP03	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP02 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - ROMP04	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP04	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP04	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP04	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP04	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP04	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP04	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP04	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP03 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP05	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP05	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP05	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP05	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP05	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP05	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP05	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP05	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP04 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP06	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP06	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP06	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP06	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP06	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP06	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP06	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP06	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP05 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - ROMP07	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP07	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP07	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP07	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP07	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP07	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP07	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP07	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP06 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP08	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP08	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP08	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP08	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP08	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP08	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP08	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP08	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP07 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP09	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP09	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP09	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP09	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP09	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP09	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP09	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP09	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP08 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - ROMP10	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP10	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP10	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP10	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP10	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP10	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP10	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP10	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP09 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP11	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP11	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP11	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP11	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP11	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP11	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP11	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP11	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP10 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP12	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP12	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP12	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP12	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP12	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP12	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP12	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP12	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP11 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - ROMP12 ArcCoa	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site and Building #1 - Site Preparation	12	30.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Grading	18	45.00	0.00	13,125.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Foundation	22	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Structural/Building Exte	27	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP01	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Paving	20	50.00	0.00	356.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP02	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP01 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP02 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP04	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP03 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP05	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP04 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP06	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP05 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP07	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP06 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP08	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP07 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP09	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP08 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Site and Building #1 - POMP10 ArcC03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP09 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP11 ArcC03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP10 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP12 ArcC03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP11 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP12 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site and Building #1 - Site Preparation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0233	0.0000	0.0233	2.5200e-003	0.0000	2.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0296	0.3245	0.2758	5.2000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	45.2849	45.2849	0.0147	0.0000	45.6511
Total	0.0296	0.3245	0.2758	5.2000e-004	0.0233	0.0139	0.0373	2.5200e-003	0.0128	0.0153	0.0000	45.2849	45.2849	0.0147	0.0000	45.6511

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.2 Site and Building #1 - Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839
Total	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0108	0.1033	0.2739	5.2000e-004		5.5200e-003	5.5200e-003		5.3300e-003	5.3300e-003	0.0000	45.2849	45.2849	0.0147	0.0000	45.6510
Total	0.0108	0.1033	0.2739	5.2000e-004	0.0105	5.5200e-003	0.0160	1.1300e-003	5.3300e-003	6.4600e-003	0.0000	45.2849	45.2849	0.0147	0.0000	45.6510

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.2 Site and Building #1 - Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839
Total	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839

3.3 Site and Building #1 - Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3515	0.0000	0.3515	0.1580	0.0000	0.1580	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1366	1.5107	0.9100	1.8500e-003		0.0662	0.0662		0.0609	0.0609	0.0000	162.9719	162.9719	0.0527	0.0000	164.2896
Total	0.1366	1.5107	0.9100	1.8500e-003	0.3515	0.0662	0.4177	0.1580	0.0609	0.2189	0.0000	162.9719	162.9719	0.0527	0.0000	164.2896

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.3 Site and Building #1 - Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0515	1.7550	0.3824	5.1000e-003	0.1113	5.4800e-003	0.1167	0.0306	5.2400e-003	0.0358	0.0000	494.1779	494.1779	0.0224	0.0000	494.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0800e-003	1.4400e-003	0.0154	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4317	4.4317	1.0000e-004	0.0000	4.4342
Total	0.0535	1.7565	0.3979	5.1500e-003	0.1166	5.5100e-003	0.1221	0.0320	5.2700e-003	0.0373	0.0000	498.6096	498.6096	0.0225	0.0000	499.1727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1582	0.0000	0.1582	0.0711	0.0000	0.0711	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0334	0.3136	0.9559	1.8500e-003		0.0170	0.0170		0.0167	0.0167	0.0000	162.9717	162.9717	0.0527	0.0000	164.2894
Total	0.0334	0.3136	0.9559	1.8500e-003	0.1582	0.0170	0.1752	0.0711	0.0167	0.0878	0.0000	162.9717	162.9717	0.0527	0.0000	164.2894

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.3 Site and Building #1 - Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0515	1.7550	0.3824	5.1000e-003	0.1113	5.4800e-003	0.1167	0.0306	5.2400e-003	0.0358	0.0000	494.1779	494.1779	0.0224	0.0000	494.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0800e-003	1.4400e-003	0.0154	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4317	4.4317	1.0000e-004	0.0000	4.4342
Total	0.0535	1.7565	0.3979	5.1500e-003	0.1166	5.5100e-003	0.1221	0.0320	5.2700e-003	0.0373	0.0000	498.6096	498.6096	0.0225	0.0000	499.1727

3.4 Site and Building #1 - Foundation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3002	2.9440	3.0087	6.1100e-003		0.1417	0.1417		0.1336	0.1336	0.0000	530.5590	530.5590	0.1376	0.0000	533.9981
Total	0.3002	2.9440	3.0087	6.1100e-003		0.1417	0.1417		0.1336	0.1336	0.0000	530.5590	530.5590	0.1376	0.0000	533.9981

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.4 Site and Building #1 - Foundation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8800e-003	0.3151	0.0840	8.0000e-004	0.0191	6.7000e-004	0.0197	5.5100e-003	6.4000e-004	6.1500e-003	0.0000	76.5664	76.5664	3.4800e-003	0.0000	76.6532
Worker	0.0254	0.0176	0.1886	6.0000e-004	0.0654	4.1000e-004	0.0658	0.0174	3.8000e-004	0.0178	0.0000	54.1155	54.1155	1.2300e-003	0.0000	54.1462
Total	0.0353	0.3327	0.2725	1.4000e-003	0.0844	1.0800e-003	0.0855	0.0229	1.0200e-003	0.0239	0.0000	130.6818	130.6818	4.7100e-003	0.0000	130.7995

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1447	2.0476	3.6911	6.1100e-003		0.1160	0.1160		0.1147	0.1147	0.0000	530.5583	530.5583	0.1376	0.0000	533.9975
Total	0.1447	2.0476	3.6911	6.1100e-003		0.1160	0.1160		0.1147	0.1147	0.0000	530.5583	530.5583	0.1376	0.0000	533.9975

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.4 Site and Building #1 - Foundation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8800e-003	0.3151	0.0840	8.0000e-004	0.0191	6.7000e-004	0.0197	5.5100e-003	6.4000e-004	6.1500e-003	0.0000	76.5664	76.5664	3.4800e-003	0.0000	76.6532
Worker	0.0254	0.0176	0.1886	6.0000e-004	0.0654	4.1000e-004	0.0658	0.0174	3.8000e-004	0.0178	0.0000	54.1155	54.1155	1.2300e-003	0.0000	54.1462
Total	0.0353	0.3327	0.2725	1.4000e-003	0.0844	1.0800e-003	0.0855	0.0229	1.0200e-003	0.0239	0.0000	130.6818	130.6818	4.7100e-003	0.0000	130.7995

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2145	1.8862	1.7968	3.0300e-003		0.0997	0.0997		0.0951	0.0951	0.0000	257.7543	257.7543	0.0503	0.0000	259.0122
Total	0.2145	1.8862	1.7968	3.0300e-003		0.0997	0.0997		0.0951	0.0951	0.0000	257.7543	257.7543	0.0503	0.0000	259.0122

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6500e-003	0.1801	0.0480	4.6000e-004	0.0109	3.8000e-004	0.0113	3.1500e-003	3.6000e-004	3.5100e-003	0.0000	43.7522	43.7522	1.9900e-003	0.0000	43.8019
Worker	0.0145	0.0101	0.1077	3.4000e-004	0.0374	2.4000e-004	0.0376	9.9300e-003	2.2000e-004	0.0102	0.0000	30.9231	30.9231	7.0000e-004	0.0000	30.9407
Total	0.0202	0.1901	0.1557	8.0000e-004	0.0483	6.2000e-004	0.0489	0.0131	5.8000e-004	0.0137	0.0000	74.6753	74.6753	2.6900e-003	0.0000	74.7426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0624	1.1649	1.7682	3.0300e-003		0.0718	0.0718		0.0718	0.0718	0.0000	235.1675	235.1675	0.0474	0.0000	236.3519
Total	0.0624	1.1649	1.7682	3.0300e-003		0.0718	0.0718		0.0718	0.0718	0.0000	235.1675	235.1675	0.0474	0.0000	236.3519

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6500e-003	0.1801	0.0480	4.6000e-004	0.0109	3.8000e-004	0.0113	3.1500e-003	3.6000e-004	3.5100e-003	0.0000	43.7522	43.7522	1.9900e-003	0.0000	43.8019
Worker	0.0145	0.0101	0.1077	3.4000e-004	0.0374	2.4000e-004	0.0376	9.9300e-003	2.2000e-004	0.0102	0.0000	30.9231	30.9231	7.0000e-004	0.0000	30.9407
Total	0.0202	0.1901	0.1557	8.0000e-004	0.0483	6.2000e-004	0.0489	0.0131	5.8000e-004	0.0137	0.0000	74.6753	74.6753	2.6900e-003	0.0000	74.7426

3.6 Site and Building #1 - ROMP01 - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0656	0.5589	0.4720	8.4000e-004		0.0293	0.0293		0.0279	0.0279	0.0000	70.8050	70.8050	0.0142	0.0000	71.1611
Total	0.0656	0.5589	0.4720	8.4000e-004		0.0293	0.0293		0.0279	0.0279	0.0000	70.8050	70.8050	0.0142	0.0000	71.1611

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7700e-003	0.1201	0.0320	3.0000e-004	7.2600e-003	2.5000e-004	7.5100e-003	2.1000e-003	2.4000e-004	2.3400e-003	0.0000	29.1681	29.1681	1.3200e-003	0.0000	29.2012
Worker	9.6700e-003	6.7000e-003	0.0718	2.3000e-004	0.0249	1.6000e-004	0.0251	6.6200e-003	1.4000e-004	6.7700e-003	0.0000	20.6154	20.6154	4.7000e-004	0.0000	20.6271
Total	0.0134	0.1268	0.1038	5.3000e-004	0.0322	4.1000e-004	0.0326	8.7200e-003	3.8000e-004	9.1100e-003	0.0000	49.7835	49.7835	1.7900e-003	0.0000	49.8284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0124	0.2297	0.3976	8.4000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	58.0933	58.0933	0.0126	0.0000	58.4090
Total	0.0124	0.2297	0.3976	8.4000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	58.0933	58.0933	0.0126	0.0000	58.4090

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7700e-003	0.1201	0.0320	3.0000e-004	7.2600e-003	2.5000e-004	7.5100e-003	2.1000e-003	2.4000e-004	2.3400e-003	0.0000	29.1681	29.1681	1.3200e-003	0.0000	29.2012
Worker	9.6700e-003	6.7000e-003	0.0718	2.3000e-004	0.0249	1.6000e-004	0.0251	6.6200e-003	1.4000e-004	6.7700e-003	0.0000	20.6154	20.6154	4.7000e-004	0.0000	20.6271
Total	0.0134	0.1268	0.1038	5.3000e-004	0.0322	4.1000e-004	0.0326	8.7200e-003	3.8000e-004	9.1100e-003	0.0000	49.7835	49.7835	1.7900e-003	0.0000	49.8284

3.6 Site and Building #1 - ROMP01 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0683	0.5805	0.5345	9.7000e-004		0.0290	0.0290		0.0276	0.0276	0.0000	81.4296	81.4296	0.0162	0.0000	81.8333
Total	0.0683	0.5805	0.5345	9.7000e-004		0.0290	0.0290		0.0276	0.0276	0.0000	81.4296	81.4296	0.0162	0.0000	81.8333

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0400e-003	0.1307	0.0346	3.5000e-004	8.3500e-003	2.5000e-004	8.6000e-003	2.4100e-003	2.4000e-004	2.6600e-003	0.0000	33.2231	33.2231	1.4500e-003	0.0000	33.2594
Worker	0.0104	6.9100e-003	0.0759	2.5000e-004	0.0286	1.8000e-004	0.0288	7.6200e-003	1.6000e-004	7.7800e-003	0.0000	22.8466	22.8466	4.8000e-004	0.0000	22.8587
Total	0.0144	0.1376	0.1105	6.0000e-004	0.0370	4.3000e-004	0.0374	0.0100	4.0000e-004	0.0104	0.0000	56.0697	56.0697	1.9300e-003	0.0000	56.1181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.2642	0.4572	9.7000e-004		0.0180	0.0180		0.0180	0.0180	0.0000	66.8111	66.8111	0.0144	0.0000	67.1719
Total	0.0142	0.2642	0.4572	9.7000e-004		0.0180	0.0180		0.0180	0.0180	0.0000	66.8111	66.8111	0.0144	0.0000	67.1719

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0400e-003	0.1307	0.0346	3.5000e-004	8.3500e-003	2.5000e-004	8.6000e-003	2.4100e-003	2.4000e-004	2.6600e-003	0.0000	33.2231	33.2231	1.4500e-003	0.0000	33.2594
Worker	0.0104	6.9100e-003	0.0759	2.5000e-004	0.0286	1.8000e-004	0.0288	7.6200e-003	1.6000e-004	7.7800e-003	0.0000	22.8466	22.8466	4.8000e-004	0.0000	22.8587
Total	0.0144	0.1376	0.1105	6.0000e-004	0.0370	4.3000e-004	0.0374	0.0100	4.0000e-004	0.0104	0.0000	56.0697	56.0697	1.9300e-003	0.0000	56.1181

3.7 Site and Building #1 - Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1352	1.4692	0.9926	1.9400e-003		0.0652	0.0652		0.0600	0.0600	0.0000	169.4423	169.4423	0.0542	0.0000	170.7983
Paving	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1373	1.4692	0.9926	1.9400e-003		0.0652	0.0652		0.0600	0.0600	0.0000	169.4423	169.4423	0.0542	0.0000	170.7983

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0215	4.6900e-003	6.0000e-005	2.6000e-003	7.0000e-005	2.6700e-003	6.8000e-004	6.0000e-005	7.4000e-004	0.0000	6.0637	6.0637	2.8000e-004	0.0000	6.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9300e-003	2.0300e-003	0.0217	7.0000e-005	7.5300e-003	5.0000e-005	7.5800e-003	2.0000e-003	4.0000e-005	2.0500e-003	0.0000	6.2372	6.2372	1.4000e-004	0.0000	6.2407
Total	3.5600e-003	0.0236	0.0264	1.3000e-004	0.0101	1.2000e-004	0.0103	2.6800e-003	1.0000e-004	2.7900e-003	0.0000	12.3009	12.3009	4.2000e-004	0.0000	12.3113

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0414	0.4330	1.0471	1.9400e-003		0.0225	0.0225		0.0219	0.0219	0.0000	168.0945	168.0945	0.0541	0.0000	169.4472
Paving	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0435	0.4330	1.0471	1.9400e-003		0.0225	0.0225		0.0219	0.0219	0.0000	168.0945	168.0945	0.0541	0.0000	169.4472

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0215	4.6900e-003	6.0000e-005	2.6000e-003	7.0000e-005	2.6700e-003	6.8000e-004	6.0000e-005	7.4000e-004	0.0000	6.0637	6.0637	2.8000e-004	0.0000	6.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9300e-003	2.0300e-003	0.0217	7.0000e-005	7.5300e-003	5.0000e-005	7.5800e-003	2.0000e-003	4.0000e-005	2.0500e-003	0.0000	6.2372	6.2372	1.4000e-004	0.0000	6.2407
Total	3.5600e-003	0.0236	0.0264	1.3000e-004	0.0101	1.2000e-004	0.0103	2.6800e-003	1.0000e-004	2.7900e-003	0.0000	12.3009	12.3009	4.2000e-004	0.0000	12.3113

3.7 Site and Building #1 - Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1414	1.4979	1.1461	2.3500e-003		0.0652	0.0652		0.0600	0.0600	0.0000	205.1998	205.1998	0.0657	0.0000	206.8419
Paving	2.5300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1439	1.4979	1.1461	2.3500e-003		0.0652	0.0652		0.0600	0.0600	0.0000	205.1998	205.1998	0.0657	0.0000	206.8419

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.2000e-004	0.0239	5.5800e-003	7.0000e-005	2.6800e-003	7.0000e-005	2.7400e-003	7.1000e-004	7.0000e-005	7.7000e-004	0.0000	7.2413	7.2413	3.3000e-004	0.0000	7.2495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.2000e-003	0.0242	8.0000e-005	9.1200e-003	6.0000e-005	9.1800e-003	2.4300e-003	5.0000e-005	2.4800e-003	0.0000	7.2760	7.2760	1.5000e-004	0.0000	7.2798
Total	4.0300e-003	0.0261	0.0298	1.5000e-004	0.0118	1.3000e-004	0.0119	3.1400e-003	1.2000e-004	3.2500e-003	0.0000	14.5173	14.5173	4.8000e-004	0.0000	14.5293

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0482	0.4975	1.2670	2.3500e-003		0.0259	0.0259		0.0252	0.0252	0.0000	203.5683	203.5683	0.0655	0.0000	205.2064
Paving	2.5300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0508	0.4975	1.2670	2.3500e-003		0.0259	0.0259		0.0252	0.0252	0.0000	203.5683	203.5683	0.0655	0.0000	205.2064

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.2000e-004	0.0239	5.5800e-003	7.0000e-005	2.6800e-003	7.0000e-005	2.7400e-003	7.1000e-004	7.0000e-005	7.7000e-004	0.0000	7.2413	7.2413	3.3000e-004	0.0000	7.2495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.2000e-003	0.0242	8.0000e-005	9.1200e-003	6.0000e-005	9.1800e-003	2.4300e-003	5.0000e-005	2.4800e-003	0.0000	7.2760	7.2760	1.5000e-004	0.0000	7.2798
Total	4.0300e-003	0.0261	0.0298	1.5000e-004	0.0118	1.3000e-004	0.0119	3.1400e-003	1.2000e-004	3.2500e-003	0.0000	14.5173	14.5173	4.8000e-004	0.0000	14.5293

3.8 Site and Building #1 - ROMP02 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.8 Site and Building #1 - ROMP02 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.8 Site and Building #1 - ROMP02 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.10 Site and Building #1 - ROMP03 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.10 Site and Building #1 - ROMP03 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.10 Site and Building #1 - ROMP03 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.12 Site and Building #1 - ROMP04 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.12 Site and Building #1 - ROMP04 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.12 Site and Building #1 - ROMP04 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.14 Site and Building #1 - ROMP05 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.14 Site and Building #1 - ROMP05 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.14 Site and Building #1 - ROMP05 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.16 Site and Building #1 - ROMP06 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0520	0.4417	0.4067	7.4000e-004		0.0220	0.0220		0.0210	0.0210	0.0000	61.9573	61.9573	0.0123	0.0000	62.2645
Total	0.0520	0.4417	0.4067	7.4000e-004		0.0220	0.0220		0.0210	0.0210	0.0000	61.9573	61.9573	0.0123	0.0000	62.2645

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0995	0.0263	2.6000e-004	6.3500e-003	1.9000e-004	6.5500e-003	1.8400e-003	1.8000e-004	2.0200e-003	0.0000	25.2784	25.2784	1.1000e-003	0.0000	25.3061
Worker	7.9000e-003	5.2600e-003	0.0578	1.9000e-004	0.0218	1.3000e-004	0.0219	5.8000e-003	1.2000e-004	5.9200e-003	0.0000	17.3833	17.3833	3.7000e-004	0.0000	17.3925
Total	0.0110	0.1047	0.0841	4.5000e-004	0.0281	3.2000e-004	0.0285	7.6400e-003	3.0000e-004	7.9400e-003	0.0000	42.6617	42.6617	1.4700e-003	0.0000	42.6985

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.2010	0.3479	7.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	50.8345	50.8345	0.0110	0.0000	51.1091
Total	0.0108	0.2010	0.3479	7.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	50.8345	50.8345	0.0110	0.0000	51.1091

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0995	0.0263	2.6000e-004	6.3500e-003	1.9000e-004	6.5500e-003	1.8400e-003	1.8000e-004	2.0200e-003	0.0000	25.2784	25.2784	1.1000e-003	0.0000	25.3061
Worker	7.9000e-003	5.2600e-003	0.0578	1.9000e-004	0.0218	1.3000e-004	0.0219	5.8000e-003	1.2000e-004	5.9200e-003	0.0000	17.3833	17.3833	3.7000e-004	0.0000	17.3925
Total	0.0110	0.1047	0.0841	4.5000e-004	0.0281	3.2000e-004	0.0285	7.6400e-003	3.0000e-004	7.9400e-003	0.0000	42.6617	42.6617	1.4700e-003	0.0000	42.6985

3.16 Site and Building #1 - ROMP06 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.4224	0.4144	7.6000e-004		0.0200	0.0200		0.0191	0.0191	0.0000	63.7272	63.7272	0.0125	0.0000	64.0386
Total	0.0496	0.4224	0.4144	7.6000e-004		0.0200	0.0200		0.0191	0.0191	0.0000	63.7272	63.7272	0.0125	0.0000	64.0386

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3900e-003	0.0782	0.0243	2.6000e-004	6.5300e-003	9.0000e-005	6.6200e-003	1.8900e-003	8.0000e-005	1.9700e-003	0.0000	25.2565	25.2565	9.6000e-004	0.0000	25.2806
Worker	7.6100e-003	4.8600e-003	0.0547	1.9000e-004	0.0224	1.4000e-004	0.0226	5.9600e-003	1.2000e-004	6.0900e-003	0.0000	17.2008	17.2008	3.4000e-004	0.0000	17.2092
Total	0.0100	0.0831	0.0790	4.5000e-004	0.0289	2.3000e-004	0.0292	7.8500e-003	2.0000e-004	8.0600e-003	0.0000	42.4573	42.4573	1.3000e-003	0.0000	42.4898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0111	0.2067	0.3578	7.6000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	52.2866	52.2866	0.0112	0.0000	52.5672
Total	0.0111	0.2067	0.3578	7.6000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	52.2866	52.2866	0.0112	0.0000	52.5672

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3900e-003	0.0782	0.0243	2.6000e-004	6.5300e-003	9.0000e-005	6.6200e-003	1.8900e-003	8.0000e-005	1.9700e-003	0.0000	25.2565	25.2565	9.6000e-004	0.0000	25.2806
Worker	7.6100e-003	4.8600e-003	0.0547	1.9000e-004	0.0224	1.4000e-004	0.0226	5.9600e-003	1.2000e-004	6.0900e-003	0.0000	17.2008	17.2008	3.4000e-004	0.0000	17.2092
Total	0.0100	0.0831	0.0790	4.5000e-004	0.0289	2.3000e-004	0.0292	7.8500e-003	2.0000e-004	8.0600e-003	0.0000	42.4573	42.4573	1.3000e-003	0.0000	42.4898

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.18 Site and Building #1 - ROMP07 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.18 Site and Building #1 - ROMP07 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.18 Site and Building #1 - ROMP07 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.20 Site and Building #1 - ROMP08 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.20 Site and Building #1 - ROMP08 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.20 Site and Building #1 - ROMP08 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.22 Site and Building #1 - ROMP09 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.22 Site and Building #1 - ROMP09 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.22 Site and Building #1 - ROMP09 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.24 Site and Building #1 - ROMP10 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.24 Site and Building #1 - ROMP10 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.24 Site and Building #1 - ROMP10 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.26 Site and Building #1 - ROMP11 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0620	0.5280	0.5180	9.5000e-004		0.0250	0.0250		0.0238	0.0238	0.0000	79.6590	79.6590	0.0156	0.0000	80.0482
Total	0.0620	0.5280	0.5180	9.5000e-004		0.0250	0.0250		0.0238	0.0238	0.0000	79.6590	79.6590	0.0156	0.0000	80.0482

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9800e-003	0.0978	0.0304	3.3000e-004	8.1700e-003	1.1000e-004	8.2800e-003	2.3600e-003	1.0000e-004	2.4700e-003	0.0000	31.5707	31.5707	1.2000e-003	0.0000	31.6008
Worker	9.5100e-003	6.0800e-003	0.0683	2.4000e-004	0.0280	1.7000e-004	0.0282	7.4500e-003	1.6000e-004	7.6100e-003	0.0000	21.5009	21.5009	4.2000e-004	0.0000	21.5115
Total	0.0125	0.1039	0.0988	5.7000e-004	0.0362	2.8000e-004	0.0365	9.8100e-003	2.6000e-004	0.0101	0.0000	53.0716	53.0716	1.6200e-003	0.0000	53.1123

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0139	0.2584	0.4473	9.5000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	65.3582	65.3582	0.0140	0.0000	65.7090
Total	0.0139	0.2584	0.4473	9.5000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	65.3582	65.3582	0.0140	0.0000	65.7090

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9800e-003	0.0978	0.0304	3.3000e-004	8.1700e-003	1.1000e-004	8.2800e-003	2.3600e-003	1.0000e-004	2.4700e-003	0.0000	31.5707	31.5707	1.2000e-003	0.0000	31.6008
Worker	9.5100e-003	6.0800e-003	0.0683	2.4000e-004	0.0280	1.7000e-004	0.0282	7.4500e-003	1.6000e-004	7.6100e-003	0.0000	21.5009	21.5009	4.2000e-004	0.0000	21.5115
Total	0.0125	0.1039	0.0988	5.7000e-004	0.0362	2.8000e-004	0.0365	9.8100e-003	2.6000e-004	0.0101	0.0000	53.0716	53.0716	1.6200e-003	0.0000	53.1123

3.26 Site and Building #1 - ROMP11 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0335	0.2857	0.2967	5.5000e-004		0.0128	0.0128		0.0122	0.0122	0.0000	46.0249	46.0249	8.8900e-003	0.0000	46.2472
Total	0.0335	0.2857	0.2967	5.5000e-004		0.0128	0.0128		0.0122	0.0122	0.0000	46.0249	46.0249	8.8900e-003	0.0000	46.2472

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0558	0.0170	1.9000e-004	4.7200e-003	6.0000e-005	4.7800e-003	1.3600e-003	6.0000e-005	1.4200e-003	0.0000	18.1161	18.1161	6.8000e-004	0.0000	18.1331
Worker	5.1700e-003	3.1700e-003	0.0366	1.3000e-004	0.0162	1.0000e-004	0.0163	4.3100e-003	9.0000e-005	4.3900e-003	0.0000	11.9348	11.9348	2.2000e-004	0.0000	11.9403
Total	6.8400e-003	0.0590	0.0536	3.2000e-004	0.0209	1.6000e-004	0.0211	5.6700e-003	1.5000e-004	5.8100e-003	0.0000	30.0509	30.0509	9.0000e-004	0.0000	30.0734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0300e-003	0.1493	0.2584	5.5000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	37.7622	37.7622	8.0600e-003	0.0000	37.9636
Total	8.0300e-003	0.1493	0.2584	5.5000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	37.7622	37.7622	8.0600e-003	0.0000	37.9636

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0558	0.0170	1.9000e-004	4.7200e-003	6.0000e-005	4.7800e-003	1.3600e-003	6.0000e-005	1.4200e-003	0.0000	18.1161	18.1161	6.8000e-004	0.0000	18.1331
Worker	5.1700e-003	3.1700e-003	0.0366	1.3000e-004	0.0162	1.0000e-004	0.0163	4.3100e-003	9.0000e-005	4.3900e-003	0.0000	11.9348	11.9348	2.2000e-004	0.0000	11.9403
Total	6.8400e-003	0.0590	0.0536	3.2000e-004	0.0209	1.6000e-004	0.0211	5.6700e-003	1.5000e-004	5.8100e-003	0.0000	30.0509	30.0509	9.0000e-004	0.0000	30.0734

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.28 Site and Building #1 - ROMP12 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0914	0.7801	0.8103	1.5000e-003		0.0349	0.0349		0.0332	0.0332	0.0000	125.6834	125.6834	0.0243	0.0000	126.2905
Total	0.0914	0.7801	0.8103	1.5000e-003		0.0349	0.0349		0.0332	0.0332	0.0000	125.6834	125.6834	0.0243	0.0000	126.2905

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.28 Site and Building #1 - ROMP12 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5500e-003	0.1524	0.0463	5.1000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.4709	49.4709	1.8600e-003	0.0000	49.5174
Worker	0.0141	8.6700e-003	0.1000	3.6000e-004	0.0442	2.6000e-004	0.0445	0.0118	2.4000e-004	0.0120	0.0000	32.5912	32.5912	6.0000e-004	0.0000	32.6063
Total	0.0187	0.1610	0.1463	8.7000e-004	0.0571	4.3000e-004	0.0575	0.0155	4.0000e-004	0.0159	0.0000	82.0621	82.0621	2.4600e-003	0.0000	82.1236

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1199	103.1199	0.0220	0.0000	103.6699
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1199	103.1199	0.0220	0.0000	103.6699

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.28 Site and Building #1 - ROMP12 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5500e-003	0.1524	0.0463	5.1000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.4709	49.4709	1.8600e-003	0.0000	49.5174
Worker	0.0141	8.6700e-003	0.1000	3.6000e-004	0.0442	2.6000e-004	0.0445	0.0118	2.4000e-004	0.0120	0.0000	32.5912	32.5912	6.0000e-004	0.0000	32.6063
Total	0.0187	0.1610	0.1463	8.7000e-004	0.0571	4.3000e-004	0.0575	0.0155	4.0000e-004	0.0159	0.0000	82.0621	82.0621	2.4600e-003	0.0000	82.1236

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1820	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1820	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Unmitigated	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	149.94	149.94	149.94	709,144	709,144
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	149.94	149.94	149.94	709,144	709,144

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	90.50	0.00	9.50	92	5	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	531.2259	531.2259	0.0240	4.9700e-003	533.3074
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	531.2259	531.2259	0.0240	4.9700e-003	533.3074
NaturalGas Mitigated	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
NaturalGas Unmitigated	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.81679e+006	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.81679e+006	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.82133e+006	529.8458	0.0240	4.9600e-003	531.9219
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4744.25	1.3802	6.0000e-005	1.0000e-005	1.3856
Total		531.2259	0.0240	4.9700e-003	533.3074

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.82133e+006	529.8458	0.0240	4.9600e-003	531.9219
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4744.25	1.3802	6.0000e-005	1.0000e-005	1.3856
Total		531.2259	0.0240	4.9700e-003	533.3074

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Unmitigated	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8711					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Total	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8067					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Total	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.4424	1.6652	0.0400	149.9864
Unmitigated	96.4424	1.6652	0.0400	149.9864

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.9906 / 0	96.4424	1.6652	0.0400	149.9864
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		96.4424	1.6652	0.0400	149.9864

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.9906 / 0	96.4424	1.6652	0.0400	149.9864
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		96.4424	1.6652	0.0400	149.9864

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

8.0 Waste Detail

8.1 Mitigation Measures Waste**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.5018	3.2801	0.0000	137.5033
Unmitigated	55.5018	3.2801	0.0000	137.5033

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	273.42	55.5018	3.2801	0.0000	137.5033
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		55.5018	3.2801	0.0000	137.5033

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	273.42	55.5018	3.2801	0.0000	137.5033
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		55.5018	3.2801	0.0000	137.5033

GBGF - Phase 1 Option 2 - Santa Clara County, Annual

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

GBGF - Phase 1 Option 3

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	220.50	1000sqft	52.47	220,500.00	0
Other Asphalt Surfaces	140.31	1000sqft	3.22	140,312.00	0
Parking Lot	13.55	1000sqft	0.31	13,555.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per construction data provided by client.

Construction Phase - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client, including Concrete Vibrator.

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by client.

Off-road Equipment - Per construction data provided by the client, including Concrete Vibrator.

Trips and VMT - Based on import and export volumes and phasing.

Grading -

Vehicle Trips - Assuming 150 employees/vendors per day and accounting for Phase 2 employees in Phase 1 as well. Conservatively assumes equal weekday and weekend trip rates.

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Construction Off-road Equipment Mitigation - Updated to Tier 3/Tier 4 as a mitigation measure. Additional fugitive dust mitigation measures per BAAQMD CEQA Guidelines.

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	54.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	26.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	40.00

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

[illegible]

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	105.00
tblConstructionPhase	NumDays	1,110.00	60.00
tblConstructionPhase	NumDays	1,110.00	86.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	1,110.00	71.00
tblConstructionPhase	NumDays	110.00	30.00
tblConstructionPhase	NumDays	75.00	84.00
tblConstructionPhase	NumDays	40.00	11.00
tblGrading	MaterialExported	0.00	53,000.00
tblGrading	MaterialImported	0.00	105,000.00
tblLandUse	LandUseSquareFeet	140,310.00	140,312.00
tblLandUse	LandUseSquareFeet	13,550.00	13,555.00
tblLandUse	LotAcreage	5.06	52.47
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

[illegible]

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	0.00	356.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TTP	13.00	9.50
tblVehicleTrips	CW_TTP	59.00	90.50
tblVehicleTrips	ST_TR	1.32	0.68
tblVehicleTrips	WD_TR	6.97	0.68

2.0 Emissions Summary

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	1.0103	11.1235	8.4161	0.0223	0.6677	0.4237	1.0915	0.2403	0.3977	0.6380	0.0000	2,003.9518	2,003.9518	0.3559	0.0000	2,012.8487
2022	6.7152	7.2298	6.3066	0.0150	0.3065	0.2990	0.6055	0.0831	0.2827	0.3658	0.0000	1,313.0012	1,313.0012	0.2098	0.0000	1,318.2454
2023	6.5148	5.1317	5.0145	0.0123	0.2947	0.2056	0.5003	0.0799	0.1957	0.2757	0.0000	1,078.8122	1,078.8122	0.1396	0.0000	1,082.3022
2024	2.5146	1.2883	1.3116	3.2500e-003	0.0785	0.0484	0.1269	0.0213	0.0460	0.0673	0.0000	284.6945	284.6945	0.0366	0.0000	285.6089
Maximum	6.7152	11.1235	8.4161	0.0223	0.6677	0.4237	1.0915	0.2403	0.3977	0.6380	0.0000	2,003.9518	2,003.9518	0.3559	0.0000	2,012.8487

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

2.1 Overall Construction**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.4198	6.7575	8.7986	0.0223	0.4616	0.2470	0.7086	0.1520	0.2448	0.3968	0.0000	1,967.3046	1,967.3046	0.3512	0.0000	1,976.0843
2022	6.1857	3.6500	5.8447	0.0150	0.3065	0.1688	0.4753	0.0831	0.1683	0.2513	0.0000	1,195.3747	1,195.3747	0.1960	0.0000	1,200.2747
2023	6.1241	2.9455	4.4410	0.0123	0.2947	0.1452	0.4399	0.0799	0.1451	0.2250	0.0000	962.8172	962.8172	0.1271	0.0000	965.9948
2024	2.4195	0.7798	1.1687	3.2500e-003	0.0785	0.0386	0.1171	0.0213	0.0386	0.0599	0.0000	253.8684	253.8684	0.0335	0.0000	254.7046
Maximum	6.1857	6.7575	8.7986	0.0223	0.4616	0.2470	0.7086	0.1520	0.2448	0.3968	0.0000	1,967.3046	1,967.3046	0.3512	0.0000	1,976.0843

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	9.58	42.95	3.78	0.00	15.30	38.60	25.09	20.80	35.29	30.72	0.00	6.43	6.43	4.60	0.00	6.43

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-19-2021	7-18-2021	4.9310	3.0277
2	7-19-2021	10-18-2021	2.8099	2.0914
3	10-19-2021	1-18-2022	12.4242	9.7725
4	1-19-2022	4-18-2022	54.3138	52.7437
5	4-19-2022	7-18-2022	62.1994	61.3783
6	7-19-2022	10-18-2022	57.3893	56.6437
7	10-19-2022	1-18-2023	33.1895	32.5017
8	1-19-2023	4-18-2023	59.4226	58.7381

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

9	4-19-2023	7-18-2023	59.3957	58.7212
10	7-19-2023	10-18-2023	53.3446	52.7311
11	10-19-2023	1-18-2024	31.4738	30.8246
12	1-19-2024	4-18-2024	47.6135	47.1430
		Highest	62.1994	61.3783

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Energy	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	841.6320	841.6320	0.0300	0.0107	845.5581
Mobile	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Waste						0.0000	0.0000		0.0000	0.0000	55.5018	0.0000	55.5018	3.2801	0.0000	137.5033
Water						0.0000	0.0000		0.0000	0.0000	16.1770	80.2655	96.4424	1.6652	0.0400	149.9864
Total	1.0681	0.5157	0.9583	4.4700e-003	0.2637	0.0240	0.2877	0.0706	0.0238	0.0944	71.6788	1,174.3337	1,246.0125	4.9828	0.0506	1,385.6750

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Energy	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	841.6320	841.6320	0.0300	0.0107	845.5581
Mobile	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Waste						0.0000	0.0000		0.0000	0.0000	55.5018	0.0000	55.5018	3.2801	0.0000	137.5033
Water						0.0000	0.0000		0.0000	0.0000	16.1770	80.2655	96.4424	1.6652	0.0400	149.9864
Total	1.0037	0.5157	0.9583	4.4700e-003	0.2637	0.0240	0.2877	0.0706	0.0238	0.0944	71.6788	1,174.3337	1,246.0125	4.9828	0.0506	1,385.6750

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site and Building #1 - Site Preparation	Site Preparation	4/19/2021	5/3/2021	5	11	
2	Site and Building #1 - Grading	Grading	4/19/2021	5/28/2021	5	30	

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3	Site and Building #1 - Foundation	Building Construction	5/26/2021	10/19/2021	5	105
4	Site and Building #1 - Structural/Building Exterior/Roof	Building Construction	9/29/2021	12/21/2021	5	60
5	Site and Building #1 - ROMP01	Building Construction	11/8/2021	3/7/2022	5	86
6	Site and Building #1 - Paving	Paving	11/10/2021	3/7/2022	5	84
7	Site and Building #1 - ROMP02	Building Construction	2/7/2022	5/16/2022	5	71
8	Site and Building #1 - ROMP01 ArcCoa	Architectural Coating	3/8/2022	3/9/2022	5	2
9	Site and Building #1 - ROMP03	Building Construction	4/18/2022	7/25/2022	5	71
10	Site and Building #1 - ROMP02 ArcCoa	Architectural Coating	5/17/2022	5/18/2022	5	2
11	Site and Building #1 - ROMP04	Building Construction	6/27/2022	10/3/2022	5	71
12	Site and Building #1 - ROMP03 ArcCoa	Architectural Coating	7/26/2022	7/27/2022	5	2
13	Site and Building #1 - ROMP05	Building Construction	9/5/2022	12/12/2022	5	71
14	Site and Building #1 - ROMP04 ArcCoa	Architectural Coating	10/4/2022	10/5/2022	5	2
15	Site and Building #1 - ROMP06	Building Construction	11/14/2022	2/20/2023	5	71
16	Site and Building #1 - ROMP05 ArcCoa	Architectural Coating	12/13/2022	12/14/2022	5	2
17	Site and Building #1 - ROMP07	Building Construction	1/23/2023	5/1/2023	5	71
18	Site and Building #1 - ROMP06 ArcCoa	Architectural Coating	2/21/2023	2/22/2023	5	2
19	Site and Building #1 - ROMP08	Building Construction	4/3/2023	7/10/2023	5	71
20	Site and Building #1 - ROMP07 ArcCoa	Architectural Coating	5/2/2023	5/3/2023	5	2
21	Site and Building #1 - ROMP09	Building Construction	6/12/2023	9/18/2023	5	71
22	Site and Building #1 - ROMP08 ArcCoa	Architectural Coating	7/11/2023	7/12/2023	5	2
23	Site and Building #1 - ROMP10	Building Construction	8/21/2023	11/27/2023	5	71
24	Site and Building #1 - ROMP09 ArcCoa	Architectural Coating	9/19/2023	9/20/2023	5	2
25	Site and Building #1 - ROMP11	Building Construction	10/30/2023	2/5/2024	5	71
26	Site and Building #1 - ROMP10 ArcCoa	Architectural Coating	11/28/2023	11/29/2023	5	2

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

27	Site and Building #1 - ROMP12	Building Construction	1/8/2024	4/15/2024	5	71
28	Site and Building #1 - ROMP11 ArcCoa	Architectural Coating	2/6/2024	2/7/2024	5	2
29	Site and Building #1 - ROMP12 ArcCoa	Architectural Coating	4/16/2024	4/17/2024	5	2

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3.53

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 330,750; Non-Residential Outdoor: 110,250; Striped Parking Area: 9,232 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site and Building #1 - Site Preparation	Concrete/Industrial Saws	0	8.00	81	0.73
Site and Building #1 - Site Preparation	Excavators	4	8.00	158	0.38
Site and Building #1 - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site and Building #1 - Site Preparation	Scrapers	4	8.00	367	0.48
Site and Building #1 - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site and Building #1 - Grading	Excavators	3	8.00	158	0.38
Site and Building #1 - Grading	Graders	3	8.00	187	0.41
Site and Building #1 - Grading	Rollers	3	8.00	80	0.38
Site and Building #1 - Grading	Rubber Tired Dozers	3	8.00	247	0.40
Site and Building #1 - Grading	Scrapers	3	8.00	367	0.48
Site and Building #1 - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #1 - Foundation	Bore/Drill Rigs	4	8.00	221	0.50
Site and Building #1 - Foundation	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #1 - Foundation	Cranes	0	8.00	231	0.29

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - Foundation	Excavators	3	8.00	158	0.38
Site and Building #1 - Foundation	Forklifts	0	8.00	89	0.20
Site and Building #1 - Foundation	Generator Sets	0	8.00	84	0.74
Site and Building #1 - Foundation	Other Construction Equipment	4	8.00	172	0.42
Site and Building #1 - Foundation	Pumps	4	8.00	84	0.74
Site and Building #1 - Foundation	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #1 - Foundation	Welders	0	8.00	46	0.45
Site and Building #1 - Structural/Building Exterior/Roof	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #1 - Structural/Building Exterior/Roof	Cranes	2	8.00	231	0.29
Site and Building #1 - Structural/Building Exterior/Roof	Forklifts	6	8.00	89	0.20
Site and Building #1 - Structural/Building Exterior/Roof	Generator Sets	2	8.00	84	0.74
Site and Building #1 - Structural/Building Exterior/Roof	Other Construction Equipment	4	8.00	172	0.42
Site and Building #1 - Structural/Building Exterior/Roof	Pumps	4	8.00	84	0.74
Site and Building #1 - Structural/Building Exterior/Roof	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site and Building #1 - Structural/Building Exterior/Roof	Welders	4	8.00	46	0.45
Site and Building #1 - ROMP01	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP01	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP01	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP01	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP01	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP01	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP01	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP01	Welders	3	8.00	46	0.45
Site and Building #1 - Paving	Excavators	2	8.00	158	0.38
Site and Building #1 - Paving	Graders	2	8.00	187	0.41

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - Paving	Pavers	2	8.00	130	0.42
Site and Building #1 - Paving	Paving Equipment	2	8.00	132	0.36
Site and Building #1 - Paving	Plate Compactors	2	8.00	8	0.43
Site and Building #1 - Paving	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - Paving	Rollers	2	8.00	80	0.38
Site and Building #1 - Paving	Rubber Tired Dozers	2	8.00	247	0.40
Site and Building #1 - Paving	Scrapers	2	8.00	367	0.48
Site and Building #1 - Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site and Building #1 - ROMP02		0		0	
Site and Building #1 - ROMP02	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP02	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP02	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP02	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP02	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP02	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP02	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Site and Building #1 - ROMP02	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP01 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP03	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP03	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP03	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP03	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP03	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP03	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP03	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP03	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP02 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - ROMP04	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP04	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP04	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP04	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP04	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP04	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP04	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP04	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP03 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP05	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP05	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP05	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP05	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP05	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP05	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP05	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP05	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP04 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP06	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP06	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP06	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP06	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP06	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP06	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP06	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP06	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP05 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - ROMP07	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP07	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP07	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP07	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP07	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP07	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP07	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP07	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP06 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP08	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP08	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP08	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP08	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP08	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP08	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP08	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP08	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP07 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP09	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP09	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP09	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP09	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP09	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP09	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP09	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP09	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP08 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - ROMP10	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP10	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP10	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP10	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP10	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP10	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP10	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP10	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP09 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP11	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP11	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP11	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP11	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP11	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP11	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP11	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP11	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP10 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #1 - ROMP12	Air Compressors	0	8.00	78	0.48
Site and Building #1 - ROMP12	Cranes	2	8.00	231	0.29
Site and Building #1 - ROMP12	Forklifts	4	8.00	89	0.20
Site and Building #1 - ROMP12	Generator Sets	2	8.00	84	0.74
Site and Building #1 - ROMP12	Pressure Washers	2	8.00	13	0.30
Site and Building #1 - ROMP12	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #1 - ROMP12	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #1 - ROMP12	Welders	3	8.00	46	0.45
Site and Building #1 - ROMP11 ArcCoa	Air Compressors	1	6.00	78	0.48

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - ROMP12 ArcCoa	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site and Building #1 - Site Preparation	12	30.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Grading	18	45.00	0.00	13,125.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Foundation	22	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Structural/Building Exte	27	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP01	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - Paving	20	50.00	0.00	356.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP02	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP01 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP02 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP04	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP03 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP05	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP04 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP06	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP05 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP07	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP06 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP08	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP07 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP09	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - ROMP08 ArcCoa	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Site and Building #1 - POMP10 ArcC03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP09 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP11 ArcC03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP10 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP12 ArcC03	14	157.00	61.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP11 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #1 - POMP12 ArcC03	1	31.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site and Building #1 - Site Preparation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0233	0.0000	0.0233	2.5200e-003	0.0000	2.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0296	0.3245	0.2758	5.2000e-004		0.0139	0.0139		0.0128	0.0128	0.0000	45.2849	45.2849	0.0147	0.0000	45.6511
Total	0.0296	0.3245	0.2758	5.2000e-004	0.0233	0.0139	0.0373	2.5200e-003	0.0128	0.0153	0.0000	45.2849	45.2849	0.0147	0.0000	45.6511

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.2 Site and Building #1 - Site Preparation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839
Total	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.1700e-003	0.0620	0.2881	5.2000e-004		3.4100e-003	3.4100e-003		3.4100e-003	3.4100e-003	0.0000	45.2849	45.2849	0.0147	0.0000	45.6510
Total	7.1700e-003	0.0620	0.2881	5.2000e-004	0.0105	3.4100e-003	0.0139	1.1300e-003	3.4100e-003	4.5400e-003	0.0000	45.2849	45.2849	0.0147	0.0000	45.6510

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.2 Site and Building #1 - Site Preparation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839
Total	5.1000e-004	3.5000e-004	3.7700e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0833	1.0833	2.0000e-005	0.0000	1.0839

3.3 Site and Building #1 - Grading - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3515	0.0000	0.3515	0.1580	0.0000	0.1580	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1366	1.5107	0.9100	1.8500e-003		0.0662	0.0662		0.0609	0.0609	0.0000	162.9719	162.9719	0.0527	0.0000	164.2896
Total	0.1366	1.5107	0.9100	1.8500e-003	0.3515	0.0662	0.4177	0.1580	0.0609	0.2189	0.0000	162.9719	162.9719	0.0527	0.0000	164.2896

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.3 Site and Building #1 - Grading - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0515	1.7550	0.3824	5.1000e-003	0.1113	5.4800e-003	0.1167	0.0306	5.2400e-003	0.0358	0.0000	494.1779	494.1779	0.0224	0.0000	494.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0800e-003	1.4400e-003	0.0154	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4317	4.4317	1.0000e-004	0.0000	4.4342
Total	0.0535	1.7565	0.3979	5.1500e-003	0.1166	5.5100e-003	0.1221	0.0320	5.2700e-003	0.0373	0.0000	498.6096	498.6096	0.0225	0.0000	499.1727

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1582	0.0000	0.1582	0.0711	0.0000	0.0711	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0259	0.2291	0.9849	1.8500e-003		0.0127	0.0127		0.0127	0.0127	0.0000	162.9717	162.9717	0.0527	0.0000	164.2894
Total	0.0259	0.2291	0.9849	1.8500e-003	0.1582	0.0127	0.1709	0.0711	0.0127	0.0838	0.0000	162.9717	162.9717	0.0527	0.0000	164.2894

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.3 Site and Building #1 - Grading - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0515	1.7550	0.3824	5.1000e-003	0.1113	5.4800e-003	0.1167	0.0306	5.2400e-003	0.0358	0.0000	494.1779	494.1779	0.0224	0.0000	494.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.0800e-003	1.4400e-003	0.0154	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.4317	4.4317	1.0000e-004	0.0000	4.4342
Total	0.0535	1.7565	0.3979	5.1500e-003	0.1166	5.5100e-003	0.1221	0.0320	5.2700e-003	0.0373	0.0000	498.6096	498.6096	0.0225	0.0000	499.1727

3.4 Site and Building #1 - Foundation - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3002	2.9440	3.0087	6.1100e-003		0.1417	0.1417		0.1336	0.1336	0.0000	530.5590	530.5590	0.1376	0.0000	533.9981
Total	0.3002	2.9440	3.0087	6.1100e-003		0.1417	0.1417		0.1336	0.1336	0.0000	530.5590	530.5590	0.1376	0.0000	533.9981

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.4 Site and Building #1 - Foundation - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8800e-003	0.3151	0.0840	8.0000e-004	0.0191	6.7000e-004	0.0197	5.5100e-003	6.4000e-004	6.1500e-003	0.0000	76.5664	76.5664	3.4800e-003	0.0000	76.6532
Worker	0.0254	0.0176	0.1886	6.0000e-004	0.0654	4.1000e-004	0.0658	0.0174	3.8000e-004	0.0178	0.0000	54.1155	54.1155	1.2300e-003	0.0000	54.1462
Total	0.0353	0.3327	0.2725	1.4000e-003	0.0844	1.0800e-003	0.0855	0.0229	1.0200e-003	0.0239	0.0000	130.6818	130.6818	4.7100e-003	0.0000	130.7995

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1483	2.2802	3.3281	6.1100e-003		0.1169	0.1169		0.1154	0.1154	0.0000	530.5583	530.5583	0.1376	0.0000	533.9975
Total	0.1483	2.2802	3.3281	6.1100e-003		0.1169	0.1169		0.1154	0.1154	0.0000	530.5583	530.5583	0.1376	0.0000	533.9975

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.4 Site and Building #1 - Foundation - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.8800e-003	0.3151	0.0840	8.0000e-004	0.0191	6.7000e-004	0.0197	5.5100e-003	6.4000e-004	6.1500e-003	0.0000	76.5664	76.5664	3.4800e-003	0.0000	76.6532
Worker	0.0254	0.0176	0.1886	6.0000e-004	0.0654	4.1000e-004	0.0658	0.0174	3.8000e-004	0.0178	0.0000	54.1155	54.1155	1.2300e-003	0.0000	54.1462
Total	0.0353	0.3327	0.2725	1.4000e-003	0.0844	1.0800e-003	0.0855	0.0229	1.0200e-003	0.0239	0.0000	130.6818	130.6818	4.7100e-003	0.0000	130.7995

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2145	1.8862	1.7968	3.0300e-003		0.0997	0.0997		0.0951	0.0951	0.0000	257.7543	257.7543	0.0503	0.0000	259.0122
Total	0.2145	1.8862	1.7968	3.0300e-003		0.0997	0.0997		0.0951	0.0951	0.0000	257.7543	257.7543	0.0503	0.0000	259.0122

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6500e-003	0.1801	0.0480	4.6000e-004	0.0109	3.8000e-004	0.0113	3.1500e-003	3.6000e-004	3.5100e-003	0.0000	43.7522	43.7522	1.9900e-003	0.0000	43.8019
Worker	0.0145	0.0101	0.1077	3.4000e-004	0.0374	2.4000e-004	0.0376	9.9300e-003	2.2000e-004	0.0102	0.0000	30.9231	30.9231	7.0000e-004	0.0000	30.9407
Total	0.0202	0.1901	0.1557	8.0000e-004	0.0483	6.2000e-004	0.0489	0.0131	5.8000e-004	0.0137	0.0000	74.6753	74.6753	2.6900e-003	0.0000	74.7426

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0624	1.1649	1.7682	3.0300e-003		0.0718	0.0718		0.0718	0.0718	0.0000	235.1675	235.1675	0.0474	0.0000	236.3519
Total	0.0624	1.1649	1.7682	3.0300e-003		0.0718	0.0718		0.0718	0.0718	0.0000	235.1675	235.1675	0.0474	0.0000	236.3519

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.5 Site and Building #1 - Structural/Building Exterior/Roof - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.6500e-003	0.1801	0.0480	4.6000e-004	0.0109	3.8000e-004	0.0113	3.1500e-003	3.6000e-004	3.5100e-003	0.0000	43.7522	43.7522	1.9900e-003	0.0000	43.8019
Worker	0.0145	0.0101	0.1077	3.4000e-004	0.0374	2.4000e-004	0.0376	9.9300e-003	2.2000e-004	0.0102	0.0000	30.9231	30.9231	7.0000e-004	0.0000	30.9407
Total	0.0202	0.1901	0.1557	8.0000e-004	0.0483	6.2000e-004	0.0489	0.0131	5.8000e-004	0.0137	0.0000	74.6753	74.6753	2.6900e-003	0.0000	74.7426

3.6 Site and Building #1 - ROMP01 - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0656	0.5589	0.4720	8.4000e-004		0.0293	0.0293		0.0279	0.0279	0.0000	70.8050	70.8050	0.0142	0.0000	71.1611
Total	0.0656	0.5589	0.4720	8.4000e-004		0.0293	0.0293		0.0279	0.0279	0.0000	70.8050	70.8050	0.0142	0.0000	71.1611

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7700e-003	0.1201	0.0320	3.0000e-004	7.2600e-003	2.5000e-004	7.5100e-003	2.1000e-003	2.4000e-004	2.3400e-003	0.0000	29.1681	29.1681	1.3200e-003	0.0000	29.2012
Worker	9.6700e-003	6.7000e-003	0.0718	2.3000e-004	0.0249	1.6000e-004	0.0251	6.6200e-003	1.4000e-004	6.7700e-003	0.0000	20.6154	20.6154	4.7000e-004	0.0000	20.6271
Total	0.0134	0.1268	0.1038	5.3000e-004	0.0322	4.1000e-004	0.0326	8.7200e-003	3.8000e-004	9.1100e-003	0.0000	49.7835	49.7835	1.7900e-003	0.0000	49.8284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0124	0.2297	0.3976	8.4000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	58.0933	58.0933	0.0126	0.0000	58.4090
Total	0.0124	0.2297	0.3976	8.4000e-004		0.0156	0.0156		0.0156	0.0156	0.0000	58.0933	58.0933	0.0126	0.0000	58.4090

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7700e-003	0.1201	0.0320	3.0000e-004	7.2600e-003	2.5000e-004	7.5100e-003	2.1000e-003	2.4000e-004	2.3400e-003	0.0000	29.1681	29.1681	1.3200e-003	0.0000	29.2012
Worker	9.6700e-003	6.7000e-003	0.0718	2.3000e-004	0.0249	1.6000e-004	0.0251	6.6200e-003	1.4000e-004	6.7700e-003	0.0000	20.6154	20.6154	4.7000e-004	0.0000	20.6271
Total	0.0134	0.1268	0.1038	5.3000e-004	0.0322	4.1000e-004	0.0326	8.7200e-003	3.8000e-004	9.1100e-003	0.0000	49.7835	49.7835	1.7900e-003	0.0000	49.8284

3.6 Site and Building #1 - ROMP01 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0683	0.5805	0.5345	9.7000e-004		0.0290	0.0290		0.0276	0.0276	0.0000	81.4296	81.4296	0.0162	0.0000	81.8333
Total	0.0683	0.5805	0.5345	9.7000e-004		0.0290	0.0290		0.0276	0.0276	0.0000	81.4296	81.4296	0.0162	0.0000	81.8333

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0400e-003	0.1307	0.0346	3.5000e-004	8.3500e-003	2.5000e-004	8.6000e-003	2.4100e-003	2.4000e-004	2.6600e-003	0.0000	33.2231	33.2231	1.4500e-003	0.0000	33.2594
Worker	0.0104	6.9100e-003	0.0759	2.5000e-004	0.0286	1.8000e-004	0.0288	7.6200e-003	1.6000e-004	7.7800e-003	0.0000	22.8466	22.8466	4.8000e-004	0.0000	22.8587
Total	0.0144	0.1376	0.1105	6.0000e-004	0.0370	4.3000e-004	0.0374	0.0100	4.0000e-004	0.0104	0.0000	56.0697	56.0697	1.9300e-003	0.0000	56.1181

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0142	0.2642	0.4572	9.7000e-004		0.0180	0.0180		0.0180	0.0180	0.0000	66.8111	66.8111	0.0144	0.0000	67.1719
Total	0.0142	0.2642	0.4572	9.7000e-004		0.0180	0.0180		0.0180	0.0180	0.0000	66.8111	66.8111	0.0144	0.0000	67.1719

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.6 Site and Building #1 - ROMP01 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0400e-003	0.1307	0.0346	3.5000e-004	8.3500e-003	2.5000e-004	8.6000e-003	2.4100e-003	2.4000e-004	2.6600e-003	0.0000	33.2231	33.2231	1.4500e-003	0.0000	33.2594
Worker	0.0104	6.9100e-003	0.0759	2.5000e-004	0.0286	1.8000e-004	0.0288	7.6200e-003	1.6000e-004	7.7800e-003	0.0000	22.8466	22.8466	4.8000e-004	0.0000	22.8587
Total	0.0144	0.1376	0.1105	6.0000e-004	0.0370	4.3000e-004	0.0374	0.0100	4.0000e-004	0.0104	0.0000	56.0697	56.0697	1.9300e-003	0.0000	56.1181

3.7 Site and Building #1 - Paving - 2021**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1352	1.4692	0.9926	1.9400e-003		0.0652	0.0652		0.0600	0.0600	0.0000	169.4423	169.4423	0.0542	0.0000	170.7983
Paving	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1373	1.4692	0.9926	1.9400e-003		0.0652	0.0652		0.0600	0.0600	0.0000	169.4423	169.4423	0.0542	0.0000	170.7983

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2021**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0215	4.6900e-003	6.0000e-005	2.6000e-003	7.0000e-005	2.6700e-003	6.8000e-004	6.0000e-005	7.4000e-004	0.0000	6.0637	6.0637	2.8000e-004	0.0000	6.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9300e-003	2.0300e-003	0.0217	7.0000e-005	7.5300e-003	5.0000e-005	7.5800e-003	2.0000e-003	4.0000e-005	2.0500e-003	0.0000	6.2372	6.2372	1.4000e-004	0.0000	6.2407
Total	3.5600e-003	0.0236	0.0264	1.3000e-004	0.0101	1.2000e-004	0.0103	2.6800e-003	1.0000e-004	2.7900e-003	0.0000	12.3009	12.3009	4.2000e-004	0.0000	12.3113

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0351	0.3616	1.0717	1.9400e-003		0.0189	0.0189		0.0186	0.0186	0.0000	168.0945	168.0945	0.0541	0.0000	169.4472
Paving	2.0900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0372	0.3616	1.0717	1.9400e-003		0.0189	0.0189		0.0186	0.0186	0.0000	168.0945	168.0945	0.0541	0.0000	169.4472

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2021**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.3000e-004	0.0215	4.6900e-003	6.0000e-005	2.6000e-003	7.0000e-005	2.6700e-003	6.8000e-004	6.0000e-005	7.4000e-004	0.0000	6.0637	6.0637	2.8000e-004	0.0000	6.0706
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9300e-003	2.0300e-003	0.0217	7.0000e-005	7.5300e-003	5.0000e-005	7.5800e-003	2.0000e-003	4.0000e-005	2.0500e-003	0.0000	6.2372	6.2372	1.4000e-004	0.0000	6.2407
Total	3.5600e-003	0.0236	0.0264	1.3000e-004	0.0101	1.2000e-004	0.0103	2.6800e-003	1.0000e-004	2.7900e-003	0.0000	12.3009	12.3009	4.2000e-004	0.0000	12.3113

3.7 Site and Building #1 - Paving - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1414	1.4979	1.1461	2.3500e-003		0.0652	0.0652		0.0600	0.0600	0.0000	205.1998	205.1998	0.0657	0.0000	206.8419
Paving	2.5300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1439	1.4979	1.1461	2.3500e-003		0.0652	0.0652		0.0600	0.0600	0.0000	205.1998	205.1998	0.0657	0.0000	206.8419

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.2000e-004	0.0239	5.5800e-003	7.0000e-005	2.6800e-003	7.0000e-005	2.7400e-003	7.1000e-004	7.0000e-005	7.7000e-004	0.0000	7.2413	7.2413	3.3000e-004	0.0000	7.2495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.2000e-003	0.0242	8.0000e-005	9.1200e-003	6.0000e-005	9.1800e-003	2.4300e-003	5.0000e-005	2.4800e-003	0.0000	7.2760	7.2760	1.5000e-004	0.0000	7.2798
Total	4.0300e-003	0.0261	0.0298	1.5000e-004	0.0118	1.3000e-004	0.0119	3.1400e-003	1.2000e-004	3.2500e-003	0.0000	14.5173	14.5173	4.8000e-004	0.0000	14.5293

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0419	0.4285	1.2975	2.3500e-003		0.0223	0.0223		0.0220	0.0220	0.0000	203.5683	203.5683	0.0655	0.0000	205.2064
Paving	2.5300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0444	0.4285	1.2975	2.3500e-003		0.0223	0.0223		0.0220	0.0220	0.0000	203.5683	203.5683	0.0655	0.0000	205.2064

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.7 Site and Building #1 - Paving - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.2000e-004	0.0239	5.5800e-003	7.0000e-005	2.6800e-003	7.0000e-005	2.7400e-003	7.1000e-004	7.0000e-005	7.7000e-004	0.0000	7.2413	7.2413	3.3000e-004	0.0000	7.2495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.3100e-003	2.2000e-003	0.0242	8.0000e-005	9.1200e-003	6.0000e-005	9.1800e-003	2.4300e-003	5.0000e-005	2.4800e-003	0.0000	7.2760	7.2760	1.5000e-004	0.0000	7.2798
Total	4.0300e-003	0.0261	0.0298	1.5000e-004	0.0118	1.3000e-004	0.0119	3.1400e-003	1.2000e-004	3.2500e-003	0.0000	14.5173	14.5173	4.8000e-004	0.0000	14.5293

3.8 Site and Building #1 - ROMP02 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.8 Site and Building #1 - ROMP02 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.8 Site and Building #1 - ROMP02 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.9 Site and Building #1 - ROMP01 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.10 Site and Building #1 - ROMP03 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.10 Site and Building #1 - ROMP03 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.10 Site and Building #1 - ROMP03 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.11 Site and Building #1 - ROMP02 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.12 Site and Building #1 - ROMP04 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.12 Site and Building #1 - ROMP04 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.12 Site and Building #1 - ROMP04 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.13 Site and Building #1 - ROMP03 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.14 Site and Building #1 - ROMP05 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080
Total	0.1054	0.8960	0.8250	1.5000e-003		0.0447	0.0447		0.0426	0.0426	0.0000	125.6848	125.6848	0.0249	0.0000	126.3080

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.14 Site and Building #1 - ROMP05 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1214	103.1214	0.0223	0.0000	103.6784

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.14 Site and Building #1 - ROMP05 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.2300e-003	0.2018	0.0534	5.3000e-004	0.0129	3.9000e-004	0.0133	3.7300e-003	3.8000e-004	4.1000e-003	0.0000	51.2791	51.2791	2.2400e-003	0.0000	51.3352
Worker	0.0160	0.0107	0.1172	3.9000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	35.2632	35.2632	7.5000e-004	0.0000	35.2818
Total	0.0223	0.2125	0.1706	9.2000e-004	0.0571	6.6000e-004	0.0578	0.0155	6.3000e-004	0.0161	0.0000	86.5423	86.5423	2.9900e-003	0.0000	86.6170

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.15 Site and Building #1 - ROMP04 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.16 Site and Building #1 - ROMP06 - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0520	0.4417	0.4067	7.4000e-004		0.0220	0.0220		0.0210	0.0210	0.0000	61.9573	61.9573	0.0123	0.0000	62.2645
Total	0.0520	0.4417	0.4067	7.4000e-004		0.0220	0.0220		0.0210	0.0210	0.0000	61.9573	61.9573	0.0123	0.0000	62.2645

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0995	0.0263	2.6000e-004	6.3500e-003	1.9000e-004	6.5500e-003	1.8400e-003	1.8000e-004	2.0200e-003	0.0000	25.2784	25.2784	1.1000e-003	0.0000	25.3061
Worker	7.9000e-003	5.2600e-003	0.0578	1.9000e-004	0.0218	1.3000e-004	0.0219	5.8000e-003	1.2000e-004	5.9200e-003	0.0000	17.3833	17.3833	3.7000e-004	0.0000	17.3925
Total	0.0110	0.1047	0.0841	4.5000e-004	0.0281	3.2000e-004	0.0285	7.6400e-003	3.0000e-004	7.9400e-003	0.0000	42.6617	42.6617	1.4700e-003	0.0000	42.6985

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0108	0.2010	0.3479	7.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	50.8345	50.8345	0.0110	0.0000	51.1091
Total	0.0108	0.2010	0.3479	7.4000e-004		0.0137	0.0137		0.0137	0.0137	0.0000	50.8345	50.8345	0.0110	0.0000	51.1091

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0700e-003	0.0995	0.0263	2.6000e-004	6.3500e-003	1.9000e-004	6.5500e-003	1.8400e-003	1.8000e-004	2.0200e-003	0.0000	25.2784	25.2784	1.1000e-003	0.0000	25.3061
Worker	7.9000e-003	5.2600e-003	0.0578	1.9000e-004	0.0218	1.3000e-004	0.0219	5.8000e-003	1.2000e-004	5.9200e-003	0.0000	17.3833	17.3833	3.7000e-004	0.0000	17.3925
Total	0.0110	0.1047	0.0841	4.5000e-004	0.0281	3.2000e-004	0.0285	7.6400e-003	3.0000e-004	7.9400e-003	0.0000	42.6617	42.6617	1.4700e-003	0.0000	42.6985

3.16 Site and Building #1 - ROMP06 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0496	0.4224	0.4144	7.6000e-004		0.0200	0.0200		0.0191	0.0191	0.0000	63.7272	63.7272	0.0125	0.0000	64.0386
Total	0.0496	0.4224	0.4144	7.6000e-004		0.0200	0.0200		0.0191	0.0191	0.0000	63.7272	63.7272	0.0125	0.0000	64.0386

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3900e-003	0.0782	0.0243	2.6000e-004	6.5300e-003	9.0000e-005	6.6200e-003	1.8900e-003	8.0000e-005	1.9700e-003	0.0000	25.2565	25.2565	9.6000e-004	0.0000	25.2806
Worker	7.6100e-003	4.8600e-003	0.0547	1.9000e-004	0.0224	1.4000e-004	0.0226	5.9600e-003	1.2000e-004	6.0900e-003	0.0000	17.2008	17.2008	3.4000e-004	0.0000	17.2092
Total	0.0100	0.0831	0.0790	4.5000e-004	0.0289	2.3000e-004	0.0292	7.8500e-003	2.0000e-004	8.0600e-003	0.0000	42.4573	42.4573	1.3000e-003	0.0000	42.4898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0111	0.2067	0.3578	7.6000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	52.2866	52.2866	0.0112	0.0000	52.5672
Total	0.0111	0.2067	0.3578	7.6000e-004		0.0141	0.0141		0.0141	0.0141	0.0000	52.2866	52.2866	0.0112	0.0000	52.5672

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.16 Site and Building #1 - ROMP06 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3900e-003	0.0782	0.0243	2.6000e-004	6.5300e-003	9.0000e-005	6.6200e-003	1.8900e-003	8.0000e-005	1.9700e-003	0.0000	25.2565	25.2565	9.6000e-004	0.0000	25.2806
Worker	7.6100e-003	4.8600e-003	0.0547	1.9000e-004	0.0224	1.4000e-004	0.0226	5.9600e-003	1.2000e-004	6.0900e-003	0.0000	17.2008	17.2008	3.4000e-004	0.0000	17.2092
Total	0.0100	0.0831	0.0790	4.5000e-004	0.0289	2.3000e-004	0.0292	7.8500e-003	2.0000e-004	8.0600e-003	0.0000	42.4573	42.4573	1.3000e-003	0.0000	42.4898

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0000e-004	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.4100e-003	1.8100e-003	0.0000		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.17 Site and Building #1 - ROMP05 ArcCoa - 2022**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962
Total	9.0000e-005	6.0000e-005	6.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1961	0.1961	0.0000	0.0000	0.1962

3.18 Site and Building #1 - ROMP07 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.18 Site and Building #1 - ROMP07 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.18 Site and Building #1 - ROMP07 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.19 Site and Building #1 - ROMP06 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.20 Site and Building #1 - ROMP08 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.20 Site and Building #1 - ROMP08 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.20 Site and Building #1 - ROMP08 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.21 Site and Building #1 - ROMP07 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.22 Site and Building #1 - ROMP09 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.22 Site and Building #1 - ROMP09 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.22 Site and Building #1 - ROMP09 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.23 Site and Building #1 - ROMP08 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.24 Site and Building #1 - ROMP10 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983
Total	0.0978	0.8331	0.8173	1.5000e-003		0.0395	0.0395		0.0376	0.0376	0.0000	125.6841	125.6841	0.0246	0.0000	126.2983

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.24 Site and Building #1 - ROMP10 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1207	103.1207	0.0221	0.0000	103.6742

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.24 Site and Building #1 - ROMP10 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.7100e-003	0.1543	0.0480	5.2000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.8115	49.8115	1.9000e-003	0.0000	49.8590
Worker	0.0150	9.5900e-003	0.1078	3.7000e-004	0.0442	2.7000e-004	0.0445	0.0118	2.5000e-004	0.0120	0.0000	33.9237	33.9237	6.7000e-004	0.0000	33.9404
Total	0.0197	0.1638	0.1558	8.9000e-004	0.0571	4.4000e-004	0.0575	0.0155	4.1000e-004	0.0159	0.0000	83.7352	83.7352	2.5700e-003	0.0000	83.7994

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.25 Site and Building #1 - ROMP09 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.26 Site and Building #1 - ROMP11 - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0620	0.5280	0.5180	9.5000e-004		0.0250	0.0250		0.0238	0.0238	0.0000	79.6590	79.6590	0.0156	0.0000	80.0482
Total	0.0620	0.5280	0.5180	9.5000e-004		0.0250	0.0250		0.0238	0.0238	0.0000	79.6590	79.6590	0.0156	0.0000	80.0482

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9800e-003	0.0978	0.0304	3.3000e-004	8.1700e-003	1.1000e-004	8.2800e-003	2.3600e-003	1.0000e-004	2.4700e-003	0.0000	31.5707	31.5707	1.2000e-003	0.0000	31.6008
Worker	9.5100e-003	6.0800e-003	0.0683	2.4000e-004	0.0280	1.7000e-004	0.0282	7.4500e-003	1.6000e-004	7.6100e-003	0.0000	21.5009	21.5009	4.2000e-004	0.0000	21.5115
Total	0.0125	0.1039	0.0988	5.7000e-004	0.0362	2.8000e-004	0.0365	9.8100e-003	2.6000e-004	0.0101	0.0000	53.0716	53.0716	1.6200e-003	0.0000	53.1123

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0139	0.2584	0.4473	9.5000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	65.3582	65.3582	0.0140	0.0000	65.7090
Total	0.0139	0.2584	0.4473	9.5000e-004		0.0176	0.0176		0.0176	0.0176	0.0000	65.3582	65.3582	0.0140	0.0000	65.7090

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.9800e-003	0.0978	0.0304	3.3000e-004	8.1700e-003	1.1000e-004	8.2800e-003	2.3600e-003	1.0000e-004	2.4700e-003	0.0000	31.5707	31.5707	1.2000e-003	0.0000	31.6008
Worker	9.5100e-003	6.0800e-003	0.0683	2.4000e-004	0.0280	1.7000e-004	0.0282	7.4500e-003	1.6000e-004	7.6100e-003	0.0000	21.5009	21.5009	4.2000e-004	0.0000	21.5115
Total	0.0125	0.1039	0.0988	5.7000e-004	0.0362	2.8000e-004	0.0365	9.8100e-003	2.6000e-004	0.0101	0.0000	53.0716	53.0716	1.6200e-003	0.0000	53.1123

3.26 Site and Building #1 - ROMP11 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0335	0.2857	0.2967	5.5000e-004		0.0128	0.0128		0.0122	0.0122	0.0000	46.0249	46.0249	8.8900e-003	0.0000	46.2472
Total	0.0335	0.2857	0.2967	5.5000e-004		0.0128	0.0128		0.0122	0.0122	0.0000	46.0249	46.0249	8.8900e-003	0.0000	46.2472

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0558	0.0170	1.9000e-004	4.7200e-003	6.0000e-005	4.7800e-003	1.3600e-003	6.0000e-005	1.4200e-003	0.0000	18.1161	18.1161	6.8000e-004	0.0000	18.1331
Worker	5.1700e-003	3.1700e-003	0.0366	1.3000e-004	0.0162	1.0000e-004	0.0163	4.3100e-003	9.0000e-005	4.3900e-003	0.0000	11.9348	11.9348	2.2000e-004	0.0000	11.9403
Total	6.8400e-003	0.0590	0.0536	3.2000e-004	0.0209	1.6000e-004	0.0211	5.6700e-003	1.5000e-004	5.8100e-003	0.0000	30.0509	30.0509	9.0000e-004	0.0000	30.0734

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.0300e-003	0.1493	0.2584	5.5000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	37.7622	37.7622	8.0600e-003	0.0000	37.9636
Total	8.0300e-003	0.1493	0.2584	5.5000e-004		0.0102	0.0102		0.0102	0.0102	0.0000	37.7622	37.7622	8.0600e-003	0.0000	37.9636

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.26 Site and Building #1 - ROMP11 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6700e-003	0.0558	0.0170	1.9000e-004	4.7200e-003	6.0000e-005	4.7800e-003	1.3600e-003	6.0000e-005	1.4200e-003	0.0000	18.1161	18.1161	6.8000e-004	0.0000	18.1331
Worker	5.1700e-003	3.1700e-003	0.0366	1.3000e-004	0.0162	1.0000e-004	0.0163	4.3100e-003	9.0000e-005	4.3900e-003	0.0000	11.9348	11.9348	2.2000e-004	0.0000	11.9403
Total	6.8400e-003	0.0590	0.0536	3.2000e-004	0.0209	1.6000e-004	0.0211	5.6700e-003	1.5000e-004	5.8100e-003	0.0000	30.0509	30.0509	9.0000e-004	0.0000	30.0734

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.9000e-004	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1821	1.3000e-003	1.8100e-003	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	2.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.27 Site and Building #1 - ROMP10 ArcCoa - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888
Total	8.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1887	0.1887	0.0000	0.0000	0.1888

3.28 Site and Building #1 - ROMP12 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0914	0.7801	0.8103	1.5000e-003		0.0349	0.0349		0.0332	0.0332	0.0000	125.6834	125.6834	0.0243	0.0000	126.2905
Total	0.0914	0.7801	0.8103	1.5000e-003		0.0349	0.0349		0.0332	0.0332	0.0000	125.6834	125.6834	0.0243	0.0000	126.2905

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.28 Site and Building #1 - ROMP12 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5500e-003	0.1524	0.0463	5.1000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.4709	49.4709	1.8600e-003	0.0000	49.5174
Worker	0.0141	8.6700e-003	0.1000	3.6000e-004	0.0442	2.6000e-004	0.0445	0.0118	2.4000e-004	0.0120	0.0000	32.5912	32.5912	6.0000e-004	0.0000	32.6063
Total	0.0187	0.1610	0.1463	8.7000e-004	0.0571	4.3000e-004	0.0575	0.0155	4.0000e-004	0.0159	0.0000	82.0621	82.0621	2.4600e-003	0.0000	82.1236

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1199	103.1199	0.0220	0.0000	103.6699
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1199	103.1199	0.0220	0.0000	103.6699

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.28 Site and Building #1 - ROMP12 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.5500e-003	0.1524	0.0463	5.1000e-004	0.0129	1.7000e-004	0.0131	3.7300e-003	1.6000e-004	3.8900e-003	0.0000	49.4709	49.4709	1.8600e-003	0.0000	49.5174
Worker	0.0141	8.6700e-003	0.1000	3.6000e-004	0.0442	2.6000e-004	0.0445	0.0118	2.4000e-004	0.0120	0.0000	32.5912	32.5912	6.0000e-004	0.0000	32.6063
Total	0.0187	0.1610	0.1463	8.7000e-004	0.0571	4.3000e-004	0.0575	0.0155	4.0000e-004	0.0159	0.0000	82.0621	82.0621	2.4600e-003	0.0000	82.1236

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1820	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.29 Site and Building #1 - ROMP11 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1820	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1819					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1819	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

3.30 Site and Building #1 - ROMP12 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814
Total	8.0000e-005	5.0000e-005	5.6000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1813	0.1813	0.0000	0.0000	0.1814

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200
Unmitigated	0.0471	0.2305	0.7153	2.7600e-003	0.2637	2.2700e-003	0.2660	0.0706	2.1200e-003	0.0727	0.0000	252.4296	252.4296	7.6200e-003	0.0000	252.6200

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	149.94	149.94	149.94	709,144	709,144
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	149.94	149.94	149.94	709,144	709,144

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	90.50	0.00	9.50	92	5	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	531.2259	531.2259	0.0240	4.9700e-003	533.3074
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	531.2259	531.2259	0.0240	4.9700e-003	533.3074
NaturalGas Mitigated	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
NaturalGas Unmitigated	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.81679e+006	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.81679e+006	0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0314	0.2851	0.2395	1.7100e-003		0.0217	0.0217		0.0217	0.0217	0.0000	310.4061	310.4061	5.9500e-003	5.6900e-003	312.2507

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.82133e+006	529.8458	0.0240	4.9600e-003	531.9219
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4744.25	1.3802	6.0000e-005	1.0000e-005	1.3856
Total		531.2259	0.0240	4.9700e-003	533.3074

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.82133e+006	529.8458	0.0240	4.9600e-003	531.9219
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	4744.25	1.3802	6.0000e-005	1.0000e-005	1.3856
Total		531.2259	0.0240	4.9700e-003	533.3074

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Unmitigated	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8711					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Total	0.9896	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1182					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8067					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.2000e-004	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003
Total	0.9252	3.0000e-005	3.4500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6900e-003	6.6900e-003	2.0000e-005	0.0000	7.1300e-003

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	96.4424	1.6652	0.0400	149.9864
Unmitigated	96.4424	1.6652	0.0400	149.9864

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.9906 / 0	96.4424	1.6652	0.0400	149.9864
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		96.4424	1.6652	0.0400	149.9864

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.9906 / 0	96.4424	1.6652	0.0400	149.9864
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		96.4424	1.6652	0.0400	149.9864

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

8.0 Waste Detail

8.1 Mitigation Measures Waste**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	55.5018	3.2801	0.0000	137.5033
Unmitigated	55.5018	3.2801	0.0000	137.5033

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	273.42	55.5018	3.2801	0.0000	137.5033
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		55.5018	3.2801	0.0000	137.5033

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	273.42	55.5018	3.2801	0.0000	137.5033
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		55.5018	3.2801	0.0000	137.5033

GBGF - Phase 1 Option 3 - Santa Clara County, Annual

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

GBGF - Phase 2 - Santa Clara County, Annual

GBGF - Phase 2

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	218.00	1000sqft	5.00	218,000.00	0
Other Asphalt Surfaces	70.16	1000sqft	1.61	70,156.00	0
Parking Lot	6.78	1000sqft	0.16	6,777.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	58
Climate Zone	4			Operational Year	2024
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Per construction data provided by client.

Construction Phase - Per construction data provided by client.

Off-road Equipment - Per construction data provided by client, including Concrete Vibrator.

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by the client.

GBGF - Phase 2 - Santa Clara County, Annual

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment -

Off-road Equipment - Per construction data provided by the client.

Off-road Equipment - Per construction data provided by the client.

Trips and VMT - Based on import and export volumes during construction.

Grading - Based on previously inputted construction data provided by client.

Vehicle Trips - Phase 2 trip rate accounted for in Phase 1 calculations.

Construction Off-road Equipment Mitigation - Updated to Tier 3 as a mitigation measure. Additional fugitive dust mitigation measures per BAAQMD CEQA Guidelines.

Area Mitigation -

GBGF - Phase 2 - Santa Clara County, Annual

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	FuelType	Diesel	Electrical
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	12.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	46.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	8.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	13.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	34.00
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 3
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

GBGF - Phase 2 - Santa Clara County, Annual

[illegible]

GBGF - Phase 2 - Santa Clara County, Annual

tblConstructionPhase	NumDays	230.00	71.00
tblConstructionPhase	NumDays	230.00	105.00
tblConstructionPhase	NumDays	230.00	60.00
tblConstructionPhase	NumDays	230.00	86.00
tblConstructionPhase	NumDays	230.00	71.00
tblConstructionPhase	NumDays	230.00	71.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	84.00
tblConstructionPhase	NumDays	10.00	11.00
tblGrading	MaterialImported	0.00	105,000.00
tblLandUse	LandUseSquareFeet	70,160.00	70,156.00
tblLandUse	LandUseSquareFeet	6,780.00	6,777.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00

GBGF - Phase 2 - Santa Clara County, Annual

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

GBGF - Phase 2 - Santa Clara County, Annual

[illegible]

GBGF - Phase 2 - Santa Clara County, Annual

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblTripsAndVMT	HaulingTripNumber	0.00	178.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	WD_TR	6.97	0.00

2.0 Emissions Summary

GBGF - Phase 2 - Santa Clara County, Annual

2.1 Overall Construction**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.1869	2.6149	1.6771	7.8000e-003	0.4949	0.0673	0.5621	0.1939	0.0621	0.2560	0.0000	730.1359	730.1359	0.0979	0.0000	732.5826
2024	2.0434	7.9810	8.8308	0.0194	0.2151	0.3311	0.5462	0.0582	0.3115	0.3697	0.0000	1,695.6938	1,695.6938	0.3561	0.0000	1,704.5956
2025	4.9832	3.1828	3.4173	8.1200e-003	0.1690	0.1161	0.2851	0.0458	0.1105	0.1563	0.0000	707.2092	707.2092	0.0966	0.0000	709.6241
2026	4.9810	3.1752	3.3963	8.0700e-003	0.1690	0.1161	0.2851	0.0458	0.1104	0.1562	0.0000	702.9044	702.9044	0.0964	0.0000	705.3131
2027	1.2112	0.5025	0.5361	1.2700e-003	0.0269	0.0184	0.0453	7.2800e-003	0.0175	0.0248	0.0000	110.9332	110.9332	0.0152	0.0000	111.3142
Maximum	4.9832	7.9810	8.8308	0.0194	0.4949	0.3311	0.5621	0.1939	0.3115	0.3697	0.0000	1,695.6938	1,695.6938	0.3561	0.0000	1,704.5956

GBGF - Phase 2 - Santa Clara County, Annual

2.1 Overall Construction**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0991	1.9126	1.9013	7.8000e-003	0.2904	0.0431	0.3334	0.1058	0.0424	0.1482	0.0000	730.1356	730.1356	0.0979	0.0000	732.5823
2024	1.5804	6.0608	9.2304	0.0194	0.2151	0.3100	0.5251	0.0582	0.3071	0.3654	0.0000	1,621.5046	1,621.5046	0.3486	0.0000	1,630.2183
2025	4.7458	1.9923	3.0483	8.1200e-003	0.1690	0.1051	0.2740	0.0458	0.1050	0.1508	0.0000	622.9937	622.9937	0.0886	0.0000	625.2084
2026	4.7436	1.9846	3.0273	8.0700e-003	0.1690	0.1050	0.2740	0.0458	0.1050	0.1508	0.0000	618.6888	618.6888	0.0884	0.0000	620.8975
2027	1.1735	0.3139	0.4777	1.2700e-003	0.0269	0.0167	0.0435	7.2800e-003	0.0167	0.0239	0.0000	97.5858	97.5858	0.0140	0.0000	97.9351
Maximum	4.7458	6.0608	9.2304	0.0194	0.2904	0.3100	0.5251	0.1058	0.3071	0.3654	0.0000	1,621.5046	1,621.5046	0.3486	0.0000	1,630.2183

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	7.93	29.74	0.97	0.00	19.03	10.65	15.88	25.09	5.85	12.86	0.00	6.49	6.49	3.74	0.00	6.47

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	11-13-2023	2-12-2024	3.4605	2.7021
2	2-13-2024	5-12-2024	1.9852	1.8893
3	5-13-2024	8-12-2024	32.8741	31.6442
4	8-13-2024	11-12-2024	23.0275	22.1918
5	11-13-2024	2-12-2025	19.8837	19.4982
6	2-13-2025	5-12-2025	38.7849	38.4417

GBGF - Phase 2 - Santa Clara County, Annual

7	5-13-2025	8-12-2025	40.0487	39.6941
8	8-13-2025	11-12-2025	33.0425	32.6872
9	11-13-2025	2-12-2026	19.8518	19.4954
10	2-13-2026	5-12-2026	38.3701	38.0268
11	5-13-2026	8-12-2026	39.2122	38.8613
12	8-13-2026	11-12-2026	40.0474	39.6927
13	11-13-2026	2-12-2027	23.9713	23.6153
14	2-13-2027	5-12-2027	7.9940	7.9292
		Highest	40.0487	39.6941

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9719	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003
Energy	0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	831.4152	831.4152	0.0296	0.0105	835.2941
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	54.8725	0.0000	54.8725	3.2429	0.0000	135.9443
Water						0.0000	0.0000		0.0000	0.0000	15.9936	79.3554	95.3490	1.6463	0.0395	148.2859
Total	1.0029	0.2819	0.2395	1.6900e-003	0.0000	0.0214	0.0214	0.0000	0.0214	0.0214	70.8661	910.7759	981.6420	4.9188	0.0501	1,119.5300

GBGF - Phase 2 - Santa Clara County, Annual

2.2 Overall Operational**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.9082	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003
Energy	0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	831.4152	831.4152	0.0296	0.0105	835.2941
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	54.8725	0.0000	54.8725	3.2429	0.0000	135.9443
Water						0.0000	0.0000		0.0000	0.0000	15.9936	79.3554	95.3490	1.6463	0.0395	148.2859
Total	0.9393	0.2819	0.2395	1.6900e-003	0.0000	0.0214	0.0214	0.0000	0.0214	0.0214	70.8661	910.7759	981.6420	4.9188	0.0501	1,119.5300

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	6.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site and Building #2 - Site Preparation	Site Preparation	11/13/2023	11/27/2023	5	11	
2	Site and Building #2 - Grading	Grading	11/13/2023	12/22/2023	5	30	

GBGF - Phase 2 - Santa Clara County, Annual

3	Site and Building #2 - Foundation	Building Construction	12/20/2023	5/14/2024	5	105
4	Site and Building #2 - Structural/Building Exterior/Roof	Building Construction	4/24/2024	7/16/2024	5	60
5	Site and Building #2 - ROMP01	Building Construction	6/3/2024	9/30/2024	5	86
6	Site and Building #2 - Paving	Paving	6/5/2024	9/30/2024	5	84
7	Site and Building #2 - ROMP02	Building Construction	9/30/2024	1/6/2025	5	71
8	Site and Building #2 - ROMP01 ArcCoa	Architectural Coating	10/1/2024	10/2/2024	5	2
9	Site and Building #2 - ROMP03	Building Construction	1/6/2025	4/14/2025	5	71
10	Site and Building #2 - ROMP02 ArcCoa	Architectural Coating	1/7/2025	1/8/2025	5	2
11	Site and Building #2 - ROMP04	Building Construction	4/14/2025	7/21/2025	5	71
12	Site and Building #2 - ROMP03 ArcCoa	Architectural Coating	4/15/2025	4/16/2025	5	2
13	Site and Building #2 - ROMP05	Building Construction	7/21/2025	10/27/2025	5	71
14	Site and Building #2 - ROMP04 ArcCoa	Architectural Coating	7/22/2025	7/23/2025	5	2
15	Site and Building #2 - ROMP07	Building Construction	10/27/2025	2/2/2026	5	71
16	Site and Building #2 - ROMP05 ArcCoa	Architectural Coating	10/28/2025	10/29/2025	5	2
17	Site and Building #2 - ROMP08	Building Construction	2/2/2026	5/11/2026	5	71
18	Site and Building #2 - ROMP07 ArcCoa	Architectural Coating	2/3/2026	2/4/2026	5	2
19	Site and Building #2 - ROMP09	Building Construction	5/11/2026	8/17/2026	5	71
20	Site and Building #2 - ROMP08 ArcCoa	Architectural Coating	5/12/2026	5/13/2026	5	2
21	Site and Building #2 - ROMP10	Building Construction	8/17/2026	11/23/2026	5	71
22	Site and Building #2 - ROMP09 ArcCoa	Architectural Coating	8/18/2026	8/19/2026	5	2
23	Site and Building #2 - ROMP11	Building Construction	11/23/2026	3/1/2027	5	71
24	Site and Building #2 - ROMP10 ArcCoa	Architectural Coating	11/24/2026	11/25/2026	5	2
25	Site and Building #2 - ROMP11 ArcCoa	Architectural Coating	3/2/2027	3/3/2027	5	2

Acres of Grading (Site Preparation Phase): 0

GBGF - Phase 2 - Santa Clara County, Annual

Acres of Grading (Grading Phase): 0**Acres of Paving: 1.77****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 327,000; Non-Residential Outdoor: 109,000; Striped Parking Area: 4,616 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site and Building #2 - Site Preparation	Concrete/Industrial Saws	0	8.00	81	0.73
Site and Building #2 - Site Preparation	Excavators	4	8.00	158	0.38
Site and Building #2 - Site Preparation	Rubber Tired Dozers	0	8.00	247	0.40
Site and Building #2 - Site Preparation	Scrapers	4	8.00	367	0.48
Site and Building #2 - Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site and Building #2 - Grading	Excavators	3	8.00	158	0.38
Site and Building #2 - Grading	Graders	3	8.00	187	0.41
Site and Building #2 - Grading	Rollers	3	8.00	80	0.38
Site and Building #2 - Grading	Rubber Tired Dozers	3	8.00	247	0.40
Site and Building #2 - Grading	Scrapers	3	8.00	367	0.48
Site and Building #2 - Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site and Building #2 - Foundation	Bore/Drill Rigs	4	8.00	221	0.50
Site and Building #2 - Foundation	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #2 - Foundation	Cranes	0	8.00	231	0.29
Site and Building #2 - Foundation	Excavators	3	8.00	158	0.38
Site and Building #2 - Foundation	Forklifts	0	8.00	89	0.20
Site and Building #2 - Foundation	Generator Sets	0	8.00	84	0.74
Site and Building #2 - Foundation	Other Construction Equipment	4	8.00	172	0.42
Site and Building #2 - Foundation	Pumps	4	8.00	84	0.74
Site and Building #2 - Foundation	Tractors/Loaders/Backhoes	3	8.00	97	0.37

GBGF - Phase 2 - Santa Clara County, Annual

Site and Building #2 - Foundation	Welders	0	8.00	46	0.45
Site and Building #2 - Structural/Building Exterior/Roof	Cement and Mortar Mixers	4	8.00	9	0.56
Site and Building #2 - Structural/Building Exterior/Roof	Cranes	2	8.00	231	0.29
Site and Building #2 - Structural/Building Exterior/Roof	Forklifts	6	8.00	89	0.20
Site and Building #2 - Structural/Building Exterior/Roof	Generator Sets	2	8.00	84	0.74
Site and Building #2 - Structural/Building Exterior/Roof	Other Construction Equipment	4	8.00	172	0.42
Site and Building #2 - Structural/Building Exterior/Roof	Pumps	4	8.00	84	0.74
Site and Building #2 - Structural/Building Exterior/Roof	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Site and Building #2 - Structural/Building Exterior/Roof	Welders	4	8.00	46	0.45
Site and Building #2 - ROMP01	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP01	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP01	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP01	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP01	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP01	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP01	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP01	Welders	3	8.00	46	0.45
Site and Building #2 - Paving	Excavators	2	8.00	158	0.38
Site and Building #2 - Paving	Graders	2	8.00	187	0.41
Site and Building #2 - Paving	Pavers	2	8.00	130	0.42
Site and Building #2 - Paving	Paving Equipment	2	8.00	132	0.36
Site and Building #2 - Paving	Plate Compactors	2	8.00	8	0.43
Site and Building #2 - Paving	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - Paving	Rollers	2	8.00	80	0.38
Site and Building #2 - Paving	Rubber Tired Dozers	2	8.00	247	0.40

GBGF - Phase 2 - Santa Clara County, Annual

Site and Building #2 - Paving	Scrapers	2	8.00	367	0.48
Site and Building #2 - Paving	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Site and Building #2 - ROMP02	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP02	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP02	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP02	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP02	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP02	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP02	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP02	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP01 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP03	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP03	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP03	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP03	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP03	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP03	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP03	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP03	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP02 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP04	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP04	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP04	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP04	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP04	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP04	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP04	Tractors/Loaders/Backhoes	0	8.00	97	0.37

GBGF - Phase 2 - Santa Clara County, Annual

Site and Building #2 - ROMP04	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP03 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP05	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP05	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP05	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP05	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP05	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP05	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP05	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP05	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP04 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP07	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP07	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP07	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP07	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP07	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP07	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP07	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP07	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP05 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP08	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP08	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP08	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP08	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP08	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP08	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP08	Tractors/Loaders/Backhoes	0	8.00	97	0.37

GBGF - Phase 2 - Santa Clara County, Annual

Site and Building #2 - ROMP08	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP07 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP09	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP09	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP09	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP09	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP09	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP09	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP09	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP09	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP08 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP10	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP10	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP10	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP10	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP10	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP10	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP10	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Site and Building #2 - ROMP10	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP09 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP11	Air Compressors	0	8.00	78	0.48
Site and Building #2 - ROMP11	Cranes	2	8.00	231	0.29
Site and Building #2 - ROMP11	Forklifts	4	8.00	89	0.20
Site and Building #2 - ROMP11	Generator Sets	2	8.00	84	0.74
Site and Building #2 - ROMP11	Pressure Washers	2	8.00	13	0.30
Site and Building #2 - ROMP11	Sweepers/Scrubbers	1	8.00	64	0.46
Site and Building #2 - ROMP11	Tractors/Loaders/Backhoes	0	8.00	97	0.37

GBGF - Phase 2 - Santa Clara County, Annual

Site and Building #2 - ROMP11	Welders	3	8.00	46	0.45
Site and Building #2 - ROMP10 ArcCoa	Air Compressors	1	6.00	78	0.48
Site and Building #2 - ROMP11 ArcCoa	Air Compressors	1	6.00	78	0.48

Trips and VMT

GBGF - Phase 2 - Santa Clara County, Annual

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site and Building #2 - Site Preparation	12	30.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - Grading	18	45.00	0.00	13,125.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - Foundation	22	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - Structural/Building Etc	27	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP01	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - Paving	20	50.00	0.00	178.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP02	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP01 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP03	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP02 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP04	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP03 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP05	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP04 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP07	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP05 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP08	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP07 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP09	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP08 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP10	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP09 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP11	14	124.00	48.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP10 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Site and Building #2 - ROMP11 ArcCo	1	25.00	0.00	0.00	10.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

GBGF - Phase 2 - Santa Clara County, Annual

3.1 Mitigation Measures Construction

Use Alternative Fuel for Construction Equipment

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site and Building #2 - Site Preparation - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0233	0.0000	0.0233	2.5200e-003	0.0000	2.5200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0248	0.2501	0.2558	5.2000e-004		0.0105	0.0105		9.6400e-003	9.6400e-003	0.0000	45.3410	45.3410	0.0147	0.0000	45.7076
Total	0.0248	0.2501	0.2558	5.2000e-004	0.0233	0.0105	0.0338	2.5200e-003	9.6400e-003	0.0122	0.0000	45.3410	45.3410	0.0147	0.0000	45.7076

GBGF - Phase 2 - Santa Clara County, Annual

3.2 Site and Building #2 - Site Preparation - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.8000e-004	3.1900e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0043	1.0043	2.0000e-005	0.0000	1.0048
Total	4.4000e-004	2.8000e-004	3.1900e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0043	1.0043	2.0000e-005	0.0000	1.0048

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0105	0.0000	0.0105	1.1300e-003	0.0000	1.1300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	9.9200e-003	0.0900	0.2736	5.2000e-004		4.8900e-003	4.8900e-003		4.7500e-003	4.7500e-003	0.0000	45.3409	45.3409	0.0147	0.0000	45.7075
Total	9.9200e-003	0.0900	0.2736	5.2000e-004	0.0105	4.8900e-003	0.0154	1.1300e-003	4.7500e-003	5.8800e-003	0.0000	45.3409	45.3409	0.0147	0.0000	45.7075

GBGF - Phase 2 - Santa Clara County, Annual

3.2 Site and Building #2 - Site Preparation - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.8000e-004	3.1900e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0043	1.0043	2.0000e-005	0.0000	1.0048
Total	4.4000e-004	2.8000e-004	3.1900e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3200e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.0043	1.0043	2.0000e-005	0.0000	1.0048

3.3 Site and Building #2 - Grading - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3485	0.0000	0.3485	0.1576	0.0000	0.1576	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1057	1.1141	0.8225	1.8600e-003		0.0467	0.0467		0.0429	0.0429	0.0000	163.0391	163.0391	0.0527	0.0000	164.3574
Total	0.1057	1.1141	0.8225	1.8600e-003	0.3485	0.0467	0.3952	0.1576	0.0429	0.2005	0.0000	163.0391	163.0391	0.0527	0.0000	164.3574

GBGF - Phase 2 - Santa Clara County, Annual

3.3 Site and Building #2 - Grading - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0332	1.0601	0.3418	4.8300e-003	0.1113	1.9200e-003	0.1132	0.0306	1.8300e-003	0.0324	0.0000	468.7331	468.7331	0.0197	0.0000	469.2263
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.1600e-003	0.0131	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.1085	4.1085	8.0000e-005	0.0000	4.1105
Total	0.0350	1.0613	0.3548	4.8800e-003	0.1166	1.9500e-003	0.1186	0.0320	1.8600e-003	0.0339	0.0000	472.8416	472.8416	0.0198	0.0000	473.3367

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1568	0.0000	0.1568	0.0709	0.0000	0.0709	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0399	0.5733	1.0109	1.8600e-003		0.0269	0.0269		0.0266	0.0266	0.0000	163.0389	163.0389	0.0527	0.0000	164.3572
Total	0.0399	0.5733	1.0109	1.8600e-003	0.1568	0.0269	0.1837	0.0709	0.0266	0.0975	0.0000	163.0389	163.0389	0.0527	0.0000	164.3572

GBGF - Phase 2 - Santa Clara County, Annual

3.3 Site and Building #2 - Grading - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0332	1.0601	0.3418	4.8300e-003	0.1113	1.9200e-003	0.1132	0.0306	1.8300e-003	0.0324	0.0000	468.7331	468.7331	0.0197	0.0000	469.2263
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.1600e-003	0.0131	5.0000e-005	5.3500e-003	3.0000e-005	5.3900e-003	1.4200e-003	3.0000e-005	1.4500e-003	0.0000	4.1085	4.1085	8.0000e-005	0.0000	4.1105
Total	0.0350	1.0613	0.3548	4.8800e-003	0.1166	1.9500e-003	0.1186	0.0320	1.8600e-003	0.0339	0.0000	472.8416	472.8416	0.0198	0.0000	473.3367

3.4 Site and Building #2 - Foundation - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0193	0.1746	0.2270	4.7000e-004		8.1300e-003	8.1300e-003		7.6700e-003	7.6700e-003	0.0000	40.4746	40.4746	0.0104	0.0000	40.7351
Total	0.0193	0.1746	0.2270	4.7000e-004		8.1300e-003	8.1300e-003		7.6700e-003	7.6700e-003	0.0000	40.4746	40.4746	0.0104	0.0000	40.7351

GBGF - Phase 2 - Santa Clara County, Annual

3.4 Site and Building #2 - Foundation - 2023**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2000e-004	0.0137	4.2500e-003	5.0000e-005	1.1400e-003	2.0000e-005	1.1600e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	4.4164	4.4164	1.7000e-004	0.0000	4.4207
Worker	1.3400e-003	8.5000e-004	9.6000e-003	3.0000e-005	3.9300e-003	2.0000e-005	3.9600e-003	1.0500e-003	2.0000e-005	1.0700e-003	0.0000	3.0190	3.0190	6.0000e-005	0.0000	3.0205
Total	1.7600e-003	0.0145	0.0139	8.0000e-005	5.0700e-003	4.0000e-005	5.1200e-003	1.3800e-003	3.0000e-005	1.4100e-003	0.0000	7.4354	7.4354	2.3000e-004	0.0000	7.4411

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0121	0.1733	0.2450	4.7000e-004		9.3000e-003	9.3000e-003		9.1500e-003	9.1500e-003	0.0000	40.4746	40.4746	0.0104	0.0000	40.7350
Total	0.0121	0.1733	0.2450	4.7000e-004		9.3000e-003	9.3000e-003		9.1500e-003	9.1500e-003	0.0000	40.4746	40.4746	0.0104	0.0000	40.7350

GBGF - Phase 2 - Santa Clara County, Annual

3.4 Site and Building #2 - Foundation - 2023**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2000e-004	0.0137	4.2500e-003	5.0000e-005	1.1400e-003	2.0000e-005	1.1600e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	4.4164	4.4164	1.7000e-004	0.0000	4.4207
Worker	1.3400e-003	8.5000e-004	9.6000e-003	3.0000e-005	3.9300e-003	2.0000e-005	3.9600e-003	1.0500e-003	2.0000e-005	1.0700e-003	0.0000	3.0190	3.0190	6.0000e-005	0.0000	3.0205
Total	1.7600e-003	0.0145	0.0139	8.0000e-005	5.0700e-003	4.0000e-005	5.1200e-003	1.3800e-003	3.0000e-005	1.4100e-003	0.0000	7.4354	7.4354	2.3000e-004	0.0000	7.4411

3.4 Site and Building #2 - Foundation - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2231	1.9782	2.7557	5.6600e-003		0.0896	0.0896		0.0844	0.0844	0.0000	491.1430	491.1430	0.1263	0.0000	494.2993
Total	0.2231	1.9782	2.7557	5.6600e-003		0.0896	0.0896		0.0844	0.0844	0.0000	491.1430	491.1430	0.1263	0.0000	494.2993

GBGF - Phase 2 - Santa Clara County, Annual

3.4 Site and Building #2 - Foundation - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8900e-003	0.1638	0.0498	5.5000e-004	0.0139	1.8000e-004	0.0140	4.0100e-003	1.7000e-004	4.1800e-003	0.0000	53.1832	53.1832	2.0000e-003	0.0000	53.2332
Worker	0.0152	9.3600e-003	0.1079	3.9000e-004	0.0477	2.8000e-004	0.0480	0.0127	2.6000e-004	0.0130	0.0000	35.1670	35.1670	6.5000e-004	0.0000	35.1833
Total	0.0201	0.1731	0.1577	9.4000e-004	0.0616	4.6000e-004	0.0620	0.0167	4.3000e-004	0.0171	0.0000	88.3503	88.3503	2.6500e-003	0.0000	88.4165

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1447	2.0529	2.9726	5.6600e-003		0.1112	0.1112		0.1094	0.1094	0.0000	491.1424	491.1424	0.1263	0.0000	494.2988
Total	0.1447	2.0529	2.9726	5.6600e-003		0.1112	0.1112		0.1094	0.1094	0.0000	491.1424	491.1424	0.1263	0.0000	494.2988

GBGF - Phase 2 - Santa Clara County, Annual

3.4 Site and Building #2 - Foundation - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.8900e-003	0.1638	0.0498	5.5000e-004	0.0139	1.8000e-004	0.0140	4.0100e-003	1.7000e-004	4.1800e-003	0.0000	53.1832	53.1832	2.0000e-003	0.0000	53.2332
Worker	0.0152	9.3600e-003	0.1079	3.9000e-004	0.0477	2.8000e-004	0.0480	0.0127	2.6000e-004	0.0130	0.0000	35.1670	35.1670	6.5000e-004	0.0000	35.1833
Total	0.0201	0.1731	0.1577	9.4000e-004	0.0616	4.6000e-004	0.0620	0.0167	4.3000e-004	0.0171	0.0000	88.3503	88.3503	2.6500e-003	0.0000	88.4165

3.5 Site and Building #2 - Structural/Building Exterior/Roof - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1702	1.4700	1.7630	3.0300e-003		0.0679	0.0679		0.0648	0.0648	0.0000	257.7510	257.7510	0.0486	0.0000	258.9662
Total	0.1702	1.4700	1.7630	3.0300e-003		0.0679	0.0679		0.0648	0.0648	0.0000	257.7510	257.7510	0.0486	0.0000	258.9662

GBGF - Phase 2 - Santa Clara County, Annual

3.5 Site and Building #2 - Structural/Building Exterior/Roof - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0300e-003	0.1013	0.0308	3.4000e-004	8.5700e-003	1.1000e-004	8.6800e-003	2.4800e-003	1.1000e-004	2.5900e-003	0.0000	32.8968	32.8968	1.2400e-003	0.0000	32.9277
Worker	9.4300e-003	5.7900e-003	0.0667	2.4000e-004	0.0295	1.7000e-004	0.0297	7.8500e-003	1.6000e-004	8.0100e-003	0.0000	21.7528	21.7528	4.0000e-004	0.0000	21.7629
Total	0.0125	0.1071	0.0975	5.8000e-004	0.0381	2.8000e-004	0.0384	0.0103	2.7000e-004	0.0106	0.0000	54.6496	54.6496	1.6400e-003	0.0000	54.6906

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0624	1.1649	1.7682	3.0300e-003		0.0718	0.0718		0.0718	0.0718	0.0000	235.1643	235.1643	0.0463	0.0000	236.3218
Total	0.0624	1.1649	1.7682	3.0300e-003		0.0718	0.0718		0.0718	0.0718	0.0000	235.1643	235.1643	0.0463	0.0000	236.3218

GBGF - Phase 2 - Santa Clara County, Annual

3.5 Site and Building #2 - Structural/Building Exterior/Roof - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0300e-003	0.1013	0.0308	3.4000e-004	8.5700e-003	1.1000e-004	8.6800e-003	2.4800e-003	1.1000e-004	2.5900e-003	0.0000	32.8968	32.8968	1.2400e-003	0.0000	32.9277
Worker	9.4300e-003	5.7900e-003	0.0667	2.4000e-004	0.0295	1.7000e-004	0.0297	7.8500e-003	1.6000e-004	8.0100e-003	0.0000	21.7528	21.7528	4.0000e-004	0.0000	21.7629
Total	0.0125	0.1071	0.0975	5.8000e-004	0.0381	2.8000e-004	0.0384	0.0103	2.7000e-004	0.0106	0.0000	54.6496	54.6496	1.6400e-003	0.0000	54.6906

3.6 Site and Building #2 - ROMP01 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1107	0.9449	0.9815	1.8100e-003		0.0422	0.0422		0.0402	0.0402	0.0000	152.2362	152.2362	0.0294	0.0000	152.9716
Total	0.1107	0.9449	0.9815	1.8100e-003		0.0422	0.0422		0.0402	0.0402	0.0000	152.2362	152.2362	0.0294	0.0000	152.9716

GBGF - Phase 2 - Santa Clara County, Annual

3.6 Site and Building #2 - ROMP01 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3400e-003	0.1452	0.0441	4.9000e-004	0.0123	1.6000e-004	0.0124	3.5500e-003	1.5000e-004	3.7100e-003	0.0000	47.1521	47.1521	1.7700e-003	0.0000	47.1964
Worker	0.0135	8.2900e-003	0.0956	3.4000e-004	0.0423	2.5000e-004	0.0425	0.0113	2.3000e-004	0.0115	0.0000	31.1790	31.1790	5.8000e-004	0.0000	31.1934
Total	0.0179	0.1535	0.1398	8.3000e-004	0.0546	4.1000e-004	0.0550	0.0148	3.8000e-004	0.0152	0.0000	78.3312	78.3312	2.3500e-003	0.0000	78.3898

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0266	0.4939	0.8548	1.8100e-003		0.0336	0.0336		0.0336	0.0336	0.0000	124.9059	124.9059	0.0266	0.0000	125.5719
Total	0.0266	0.4939	0.8548	1.8100e-003		0.0336	0.0336		0.0336	0.0336	0.0000	124.9059	124.9059	0.0266	0.0000	125.5719

GBGF - Phase 2 - Santa Clara County, Annual

3.6 Site and Building #2 - ROMP01 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.3400e-003	0.1452	0.0441	4.9000e-004	0.0123	1.6000e-004	0.0124	3.5500e-003	1.5000e-004	3.7100e-003	0.0000	47.1521	47.1521	1.7700e-003	0.0000	47.1964
Worker	0.0135	8.2900e-003	0.0956	3.4000e-004	0.0423	2.5000e-004	0.0425	0.0113	2.3000e-004	0.0115	0.0000	31.1790	31.1790	5.8000e-004	0.0000	31.1934
Total	0.0179	0.1535	0.1398	8.3000e-004	0.0546	4.1000e-004	0.0550	0.0148	3.8000e-004	0.0152	0.0000	78.3312	78.3312	2.3500e-003	0.0000	78.3898

3.7 Site and Building #2 - Paving - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2277	2.2798	2.0176	4.2900e-003		0.0968	0.0968		0.0892	0.0892	0.0000	374.6136	374.6136	0.1199	0.0000	377.6112
Paving	2.3200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2300	2.2798	2.0176	4.2900e-003		0.0968	0.0968		0.0892	0.0892	0.0000	374.6136	374.6136	0.1199	0.0000	377.6112

GBGF - Phase 2 - Santa Clara County, Annual

3.7 Site and Building #2 - Paving - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.4000e-004	0.0141	4.6600e-003	6.0000e-005	1.5100e-003	3.0000e-005	1.5400e-003	4.2000e-004	2.0000e-005	4.4000e-004	0.0000	6.3096	6.3096	2.7000e-004	0.0000	6.3163
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	3.2700e-003	0.0377	1.4000e-004	0.0167	1.0000e-004	0.0168	4.4300e-003	9.0000e-005	4.5200e-003	0.0000	12.2798	12.2798	2.3000e-004	0.0000	12.2855
Total	5.7600e-003	0.0173	0.0423	2.0000e-004	0.0182	1.3000e-004	0.0183	4.8500e-003	1.1000e-004	4.9600e-003	0.0000	18.5894	18.5894	5.0000e-004	0.0000	18.6018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1007	1.3923	2.4205	4.2900e-003		0.0656	0.0656		0.0646	0.0646	0.0000	371.6343	371.6343	0.1196	0.0000	374.6248
Paving	2.3200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1030	1.3923	2.4205	4.2900e-003		0.0656	0.0656		0.0646	0.0646	0.0000	371.6343	371.6343	0.1196	0.0000	374.6248

GBGF - Phase 2 - Santa Clara County, Annual

3.7 Site and Building #2 - Paving - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.4000e-004	0.0141	4.6600e-003	6.0000e-005	1.5100e-003	3.0000e-005	1.5400e-003	4.2000e-004	2.0000e-005	4.4000e-004	0.0000	6.3096	6.3096	2.7000e-004	0.0000	6.3163
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3200e-003	3.2700e-003	0.0377	1.4000e-004	0.0167	1.0000e-004	0.0168	4.4300e-003	9.0000e-005	4.5200e-003	0.0000	12.2798	12.2798	2.3000e-004	0.0000	12.2855
Total	5.7600e-003	0.0173	0.0423	2.0000e-004	0.0182	1.3000e-004	0.0183	4.8500e-003	1.1000e-004	4.9600e-003	0.0000	18.5894	18.5894	5.0000e-004	0.0000	18.6018

3.8 Site and Building #2 - ROMP02 - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0863	0.7362	0.7646	1.4100e-003		0.0329	0.0329		0.0313	0.0313	0.0000	118.6026	118.6026	0.0229	0.0000	119.1756
Total	0.0863	0.7362	0.7646	1.4100e-003		0.0329	0.0329		0.0313	0.0313	0.0000	118.6026	118.6026	0.0229	0.0000	119.1756

GBGF - Phase 2 - Santa Clara County, Annual

3.8 Site and Building #2 - ROMP02 - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.3800e-003	0.1131	0.0344	3.8000e-004	9.5700e-003	1.2000e-004	9.6900e-003	2.7700e-003	1.2000e-004	2.8900e-003	0.0000	36.7348	36.7348	1.3800e-003	0.0000	36.7693
Worker	0.0105	6.4600e-003	0.0745	2.7000e-004	0.0330	2.0000e-004	0.0331	8.7600e-003	1.8000e-004	8.9400e-003	0.0000	24.2906	24.2906	4.5000e-004	0.0000	24.3019
Total	0.0139	0.1196	0.1089	6.5000e-004	0.0425	3.2000e-004	0.0428	0.0115	3.0000e-004	0.0118	0.0000	61.0254	61.0254	1.8300e-003	0.0000	61.0712

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0207	0.3848	0.6659	1.4100e-003		0.0262	0.0262		0.0262	0.0262	0.0000	97.3104	97.3104	0.0208	0.0000	97.8293
Total	0.0207	0.3848	0.6659	1.4100e-003		0.0262	0.0262		0.0262	0.0262	0.0000	97.3104	97.3104	0.0208	0.0000	97.8293

GBGF - Phase 2 - Santa Clara County, Annual

3.8 Site and Building #2 - ROMP02 - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.3800e-003	0.1131	0.0344	3.8000e-004	9.5700e-003	1.2000e-004	9.6900e-003	2.7700e-003	1.2000e-004	2.8900e-003	0.0000	36.7348	36.7348	1.3800e-003	0.0000	36.7693
Worker	0.0105	6.4600e-003	0.0745	2.7000e-004	0.0330	2.0000e-004	0.0331	8.7600e-003	1.8000e-004	8.9400e-003	0.0000	24.2906	24.2906	4.5000e-004	0.0000	24.3019
Total	0.0139	0.1196	0.1089	6.5000e-004	0.0425	3.2000e-004	0.0428	0.0115	3.0000e-004	0.0118	0.0000	61.0254	61.0254	1.8300e-003	0.0000	61.0712

3.8 Site and Building #2 - ROMP02 - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.8100e-003	0.0410	0.0453	8.0000e-005		1.7300e-003	1.7300e-003		1.6500e-003	1.6500e-003	0.0000	7.0808	7.0808	1.3500e-003	0.0000	7.1146
Total	4.8100e-003	0.0410	0.0453	8.0000e-005		1.7300e-003	1.7300e-003		1.6500e-003	1.6500e-003	0.0000	7.0808	7.0808	1.3500e-003	0.0000	7.1146

GBGF - Phase 2 - Santa Clara County, Annual

3.8 Site and Building #2 - ROMP02 - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.6700e-003	2.0000e-003	2.0000e-005	5.7000e-004	1.0000e-005	5.8000e-004	1.7000e-004	1.0000e-005	1.7000e-004	0.0000	2.1786	2.1786	8.0000e-005	0.0000	2.1806
Worker	5.9000e-004	3.5000e-004	4.1200e-003	2.0000e-005	1.9700e-003	1.0000e-005	1.9800e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.3915	1.3915	2.0000e-005	0.0000	1.3922
Total	7.9000e-004	7.0200e-003	6.1200e-003	4.0000e-005	2.5400e-003	2.0000e-005	2.5600e-003	6.9000e-004	2.0000e-005	7.0000e-004	0.0000	3.5702	3.5702	1.0000e-004	0.0000	3.5728

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2400e-003	0.0230	0.0398	8.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	5.8096	5.8096	1.2300e-003	0.0000	5.8404
Total	1.2400e-003	0.0230	0.0398	8.0000e-005		1.5600e-003	1.5600e-003		1.5600e-003	1.5600e-003	0.0000	5.8096	5.8096	1.2300e-003	0.0000	5.8404

GBGF - Phase 2 - Santa Clara County, Annual

3.8 Site and Building #2 - ROMP02 - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.6700e-003	2.0000e-003	2.0000e-005	5.7000e-004	1.0000e-005	5.8000e-004	1.7000e-004	1.0000e-005	1.7000e-004	0.0000	2.1786	2.1786	8.0000e-005	0.0000	2.1806
Worker	5.9000e-004	3.5000e-004	4.1200e-003	2.0000e-005	1.9700e-003	1.0000e-005	1.9800e-003	5.2000e-004	1.0000e-005	5.3000e-004	0.0000	1.3915	1.3915	2.0000e-005	0.0000	1.3922
Total	7.9000e-004	7.0200e-003	6.1200e-003	4.0000e-005	2.5400e-003	2.0000e-005	2.5600e-003	6.9000e-004	2.0000e-005	7.0000e-004	0.0000	3.5702	3.5702	1.0000e-004	0.0000	3.5728

3.9 Site and Building #2 - ROMP01 ArcCoa - 2024**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8000e-004	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.2200e-003	1.8100e-003	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.9 Site and Building #2 - ROMP01 ArcCoa - 2024**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.5000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1462	0.1462	0.0000	0.0000	0.1463
Total	6.0000e-005	4.0000e-005	4.5000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1462	0.1462	0.0000	0.0000	0.1463

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.9 Site and Building #2 - ROMP01 ArcCoa - 2024**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.5000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1462	0.1462	0.0000	0.0000	0.1463
Total	6.0000e-005	4.0000e-005	4.5000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1462	0.1462	0.0000	0.0000	0.1463

3.10 Site and Building #2 - ROMP03 - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846
Total	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846

GBGF - Phase 2 - Santa Clara County, Annual

3.10 Site and Building #2 - ROMP03 - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4800e-003	0.1183	0.0354	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0600e-003	0.0000	38.6703	38.6703	1.4300e-003	0.0000	38.7061
Worker	0.0106	6.2200e-003	0.0732	2.7000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.9000e-004	9.4700e-003	0.0000	24.6998	24.6998	4.3000e-004	0.0000	24.7106
Total	0.0140	0.1245	0.1086	6.7000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.1000e-004	0.0125	0.0000	63.3702	63.3702	1.8600e-003	0.0000	63.4167

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676

GBGF - Phase 2 - Santa Clara County, Annual

3.10 Site and Building #2 - ROMP03 - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4800e-003	0.1183	0.0354	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0600e-003	0.0000	38.6703	38.6703	1.4300e-003	0.0000	38.7061
Worker	0.0106	6.2200e-003	0.0732	2.7000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.9000e-004	9.4700e-003	0.0000	24.6998	24.6998	4.3000e-004	0.0000	24.7106
Total	0.0140	0.1245	0.1086	6.7000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.1000e-004	0.0125	0.0000	63.3702	63.3702	1.8600e-003	0.0000	63.4167

3.11 Site and Building #2 - ROMP02 ArcCoa - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.11 Site and Building #2 - ROMP02 ArcCoa - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.11 Site and Building #2 - ROMP02 ArcCoa - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

3.12 Site and Building #2 - ROMP04 - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846
Total	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846

GBGF - Phase 2 - Santa Clara County, Annual

3.12 Site and Building #2 - ROMP04 - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4800e-003	0.1183	0.0354	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0600e-003	0.0000	38.6703	38.6703	1.4300e-003	0.0000	38.7061
Worker	0.0106	6.2200e-003	0.0732	2.7000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.9000e-004	9.4700e-003	0.0000	24.6998	24.6998	4.3000e-004	0.0000	24.7106
Total	0.0140	0.1245	0.1086	6.7000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.1000e-004	0.0125	0.0000	63.3702	63.3702	1.8600e-003	0.0000	63.4167

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676

GBGF - Phase 2 - Santa Clara County, Annual

3.12 Site and Building #2 - ROMP04 - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4800e-003	0.1183	0.0354	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0600e-003	0.0000	38.6703	38.6703	1.4300e-003	0.0000	38.7061
Worker	0.0106	6.2200e-003	0.0732	2.7000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.9000e-004	9.4700e-003	0.0000	24.6998	24.6998	4.3000e-004	0.0000	24.7106
Total	0.0140	0.1245	0.1086	6.7000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.1000e-004	0.0125	0.0000	63.3702	63.3702	1.8600e-003	0.0000	63.4167

3.13 Site and Building #2 - ROMP03 ArcCoa - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.13 Site and Building #2 - ROMP03 ArcCoa - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.13 Site and Building #2 - ROMP03 ArcCoa - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

3.14 Site and Building #2 - ROMP05 - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846
Total	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846

GBGF - Phase 2 - Santa Clara County, Annual

3.14 Site and Building #2 - ROMP05 - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4800e-003	0.1183	0.0354	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0600e-003	0.0000	38.6703	38.6703	1.4300e-003	0.0000	38.7061
Worker	0.0106	6.2200e-003	0.0732	2.7000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.9000e-004	9.4700e-003	0.0000	24.6998	24.6998	4.3000e-004	0.0000	24.7106
Total	0.0140	0.1245	0.1086	6.7000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.1000e-004	0.0125	0.0000	63.3702	63.3702	1.8600e-003	0.0000	63.4167

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676

GBGF - Phase 2 - Santa Clara County, Annual

3.14 Site and Building #2 - ROMP05 - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4800e-003	0.1183	0.0354	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0600e-003	0.0000	38.6703	38.6703	1.4300e-003	0.0000	38.7061
Worker	0.0106	6.2200e-003	0.0732	2.7000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.9000e-004	9.4700e-003	0.0000	24.6998	24.6998	4.3000e-004	0.0000	24.7106
Total	0.0140	0.1245	0.1086	6.7000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.1000e-004	0.0125	0.0000	63.3702	63.3702	1.8600e-003	0.0000	63.4167

3.15 Site and Building #2 - ROMP04 ArcCoa - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.15 Site and Building #2 - ROMP04 ArcCoa - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.15 Site and Building #2 - ROMP04 ArcCoa - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

3.16 Site and Building #2 - ROMP07 - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0578	0.4915	0.5440	1.0100e-003		0.0208	0.0208		0.0198	0.0198	0.0000	84.9699	84.9699	0.0162	0.0000	85.3755
Total	0.0578	0.4915	0.5440	1.0100e-003		0.0208	0.0208		0.0198	0.0198	0.0000	84.9699	84.9699	0.0162	0.0000	85.3755

GBGF - Phase 2 - Santa Clara County, Annual

3.16 Site and Building #2 - ROMP07 - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3500e-003	0.0800	0.0240	2.7000e-004	6.8600e-003	9.0000e-005	6.9400e-003	1.9800e-003	8.0000e-005	2.0700e-003	0.0000	26.1433	26.1433	9.7000e-004	0.0000	26.1675
Worker	7.1300e-003	4.2100e-003	0.0495	1.8000e-004	0.0236	1.4000e-004	0.0237	6.2800e-003	1.3000e-004	6.4000e-003	0.0000	16.6985	16.6985	2.9000e-004	0.0000	16.7058
Total	9.4800e-003	0.0842	0.0734	4.5000e-004	0.0305	2.3000e-004	0.0307	8.2600e-003	2.1000e-004	8.4700e-003	0.0000	42.8418	42.8418	1.2600e-003	0.0000	42.8733

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0148	0.2757	0.4771	1.0100e-003		0.0187	0.0187		0.0187	0.0187	0.0000	69.7157	69.7157	0.0148	0.0000	70.0851
Total	0.0148	0.2757	0.4771	1.0100e-003		0.0187	0.0187		0.0187	0.0187	0.0000	69.7157	69.7157	0.0148	0.0000	70.0851

GBGF - Phase 2 - Santa Clara County, Annual

3.16 Site and Building #2 - ROMP07 - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3500e-003	0.0800	0.0240	2.7000e-004	6.8600e-003	9.0000e-005	6.9400e-003	1.9800e-003	8.0000e-005	2.0700e-003	0.0000	26.1433	26.1433	9.7000e-004	0.0000	26.1675
Worker	7.1300e-003	4.2100e-003	0.0495	1.8000e-004	0.0236	1.4000e-004	0.0237	6.2800e-003	1.3000e-004	6.4000e-003	0.0000	16.6985	16.6985	2.9000e-004	0.0000	16.7058
Total	9.4800e-003	0.0842	0.0734	4.5000e-004	0.0305	2.3000e-004	0.0307	8.2600e-003	2.1000e-004	8.4700e-003	0.0000	42.8418	42.8418	1.2600e-003	0.0000	42.8733

3.16 Site and Building #2 - ROMP07 - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0277	0.2355	0.2606	4.8000e-004		9.9500e-003	9.9500e-003		9.4700e-003	9.4700e-003	0.0000	40.7147	40.7147	7.7700e-003	0.0000	40.9091
Total	0.0277	0.2355	0.2606	4.8000e-004		9.9500e-003	9.9500e-003		9.4700e-003	9.4700e-003	0.0000	40.7147	40.7147	7.7700e-003	0.0000	40.9091

GBGF - Phase 2 - Santa Clara County, Annual

3.16 Site and Building #2 - ROMP07 - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-003	0.0378	0.0113	1.3000e-004	3.2900e-003	4.0000e-005	3.3300e-003	9.5000e-004	4.0000e-005	9.9000e-004	0.0000	12.4513	12.4513	4.6000e-004	0.0000	12.4627
Worker	3.2500e-003	1.8500e-003	0.0221	9.0000e-005	0.0113	6.0000e-005	0.0114	3.0100e-003	6.0000e-005	3.0700e-003	0.0000	7.7052	7.7052	1.3000e-004	0.0000	7.7084
Total	4.3500e-003	0.0397	0.0334	2.2000e-004	0.0146	1.0000e-004	0.0147	3.9600e-003	1.0000e-004	4.0600e-003	0.0000	20.1565	20.1565	5.9000e-004	0.0000	20.1711

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1100e-003	0.1321	0.2286	4.8000e-004		8.9800e-003	8.9800e-003		8.9800e-003	8.9800e-003	0.0000	33.4055	33.4055	7.0800e-003	0.0000	33.5825
Total	7.1100e-003	0.1321	0.2286	4.8000e-004		8.9800e-003	8.9800e-003		8.9800e-003	8.9800e-003	0.0000	33.4055	33.4055	7.0800e-003	0.0000	33.5825

GBGF - Phase 2 - Santa Clara County, Annual

3.16 Site and Building #2 - ROMP07 - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1000e-003	0.0378	0.0113	1.3000e-004	3.2900e-003	4.0000e-005	3.3300e-003	9.5000e-004	4.0000e-005	9.9000e-004	0.0000	12.4513	12.4513	4.6000e-004	0.0000	12.4627
Worker	3.2500e-003	1.8500e-003	0.0221	9.0000e-005	0.0113	6.0000e-005	0.0114	3.0100e-003	6.0000e-005	3.0700e-003	0.0000	7.7052	7.7052	1.3000e-004	0.0000	7.7084
Total	4.3500e-003	0.0397	0.0334	2.2000e-004	0.0146	1.0000e-004	0.0147	3.9600e-003	1.0000e-004	4.0600e-003	0.0000	20.1565	20.1565	5.9000e-004	0.0000	20.1711

3.17 Site and Building #2 - ROMP05 ArcCoa - 2025**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.17 Site and Building #2 - ROMP05 ArcCoa - 2025**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.17 Site and Building #2 - ROMP05 ArcCoa - 2025**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403
Total	6.0000e-005	4.0000e-005	4.2000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1403	0.1403	0.0000	0.0000	0.1403

3.18 Site and Building #2 - ROMP08 - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846
Total	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846

GBGF - Phase 2 - Santa Clara County, Annual

3.18 Site and Building #2 - ROMP08 - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-003	0.1168	0.0347	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0500e-003	0.0000	38.4367	38.4367	1.4000e-003	0.0000	38.4719
Worker	0.0100	5.7000e-003	0.0683	2.6000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.8000e-004	9.4700e-003	0.0000	23.7856	23.7856	3.9000e-004	0.0000	23.7954
Total	0.0134	0.1225	0.1030	6.6000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.0000e-004	0.0125	0.0000	62.2223	62.2223	1.7900e-003	0.0000	62.2673

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676

GBGF - Phase 2 - Santa Clara County, Annual

3.18 Site and Building #2 - ROMP08 - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-003	0.1168	0.0347	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0500e-003	0.0000	38.4367	38.4367	1.4000e-003	0.0000	38.4719
Worker	0.0100	5.7000e-003	0.0683	2.6000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.8000e-004	9.4700e-003	0.0000	23.7856	23.7856	3.9000e-004	0.0000	23.7954
Total	0.0134	0.1225	0.1030	6.6000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.0000e-004	0.0125	0.0000	62.2223	62.2223	1.7900e-003	0.0000	62.2673

3.19 Site and Building #2 - ROMP07 ArcCoa - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.19 Site and Building #2 - ROMP07 ArcCoa - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.19 Site and Building #2 - ROMP07 ArcCoa - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

3.20 Site and Building #2 - ROMP09 - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846
Total	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846

GBGF - Phase 2 - Santa Clara County, Annual

3.20 Site and Building #2 - ROMP09 - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-003	0.1168	0.0347	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0500e-003	0.0000	38.4367	38.4367	1.4000e-003	0.0000	38.4719
Worker	0.0100	5.7000e-003	0.0683	2.6000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.8000e-004	9.4700e-003	0.0000	23.7856	23.7856	3.9000e-004	0.0000	23.7954
Total	0.0134	0.1225	0.1030	6.6000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.0000e-004	0.0125	0.0000	62.2223	62.2223	1.7900e-003	0.0000	62.2673

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676

GBGF - Phase 2 - Santa Clara County, Annual

3.20 Site and Building #2 - ROMP09 - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-003	0.1168	0.0347	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0500e-003	0.0000	38.4367	38.4367	1.4000e-003	0.0000	38.4719
Worker	0.0100	5.7000e-003	0.0683	2.6000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.8000e-004	9.4700e-003	0.0000	23.7856	23.7856	3.9000e-004	0.0000	23.7954
Total	0.0134	0.1225	0.1030	6.6000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.0000e-004	0.0125	0.0000	62.2223	62.2223	1.7900e-003	0.0000	62.2673

3.21 Site and Building #2 - ROMP08 ArcCoa - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.21 Site and Building #2 - ROMP08 ArcCoa - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.21 Site and Building #2 - ROMP08 ArcCoa - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

3.22 Site and Building #2 - ROMP10 - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846
Total	0.0854	0.7269	0.8046	1.5000e-003		0.0307	0.0307		0.0292	0.0292	0.0000	125.6846	125.6846	0.0240	0.0000	126.2846

GBGF - Phase 2 - Santa Clara County, Annual

3.22 Site and Building #2 - ROMP10 - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-003	0.1168	0.0347	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0500e-003	0.0000	38.4367	38.4367	1.4000e-003	0.0000	38.4719
Worker	0.0100	5.7000e-003	0.0683	2.6000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.8000e-004	9.4700e-003	0.0000	23.7856	23.7856	3.9000e-004	0.0000	23.7954
Total	0.0134	0.1225	0.1030	6.6000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.0000e-004	0.0125	0.0000	62.2223	62.2223	1.7900e-003	0.0000	62.2673

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676
Total	0.0219	0.4077	0.7057	1.5000e-003		0.0277	0.0277		0.0277	0.0277	0.0000	103.1212	103.1212	0.0219	0.0000	103.6676

GBGF - Phase 2 - Santa Clara County, Annual

3.22 Site and Building #2 - ROMP10 - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4000e-003	0.1168	0.0347	4.0000e-004	0.0101	1.3000e-004	0.0103	2.9300e-003	1.2000e-004	3.0500e-003	0.0000	38.4367	38.4367	1.4000e-003	0.0000	38.4719
Worker	0.0100	5.7000e-003	0.0683	2.6000e-004	0.0349	2.0000e-004	0.0351	9.2900e-003	1.8000e-004	9.4700e-003	0.0000	23.7856	23.7856	3.9000e-004	0.0000	23.7954
Total	0.0134	0.1225	0.1030	6.6000e-004	0.0451	3.3000e-004	0.0454	0.0122	3.0000e-004	0.0125	0.0000	62.2223	62.2223	1.7900e-003	0.0000	62.2673

3.23 Site and Building #2 - ROMP09 ArcCoa - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.23 Site and Building #2 - ROMP09 ArcCoa - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.23 Site and Building #2 - ROMP09 ArcCoa - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

3.24 Site and Building #2 - ROMP11 - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0349	0.2969	0.3286	6.1000e-004		0.0126	0.0126		0.0119	0.0119	0.0000	51.3360	51.3360	9.8000e-003	0.0000	51.5810
Total	0.0349	0.2969	0.3286	6.1000e-004		0.0126	0.0126		0.0119	0.0119	0.0000	51.3360	51.3360	9.8000e-003	0.0000	51.5810

GBGF - Phase 2 - Santa Clara County, Annual

3.24 Site and Building #2 - ROMP11 - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3900e-003	0.0477	0.0142	1.6000e-004	4.1400e-003	5.0000e-005	4.1900e-003	1.2000e-003	5.0000e-005	1.2500e-003	0.0000	15.6995	15.6995	5.7000e-004	0.0000	15.7139
Worker	4.1000e-003	2.3300e-003	0.0279	1.1000e-004	0.0143	8.0000e-005	0.0143	3.7900e-003	7.0000e-005	3.8700e-003	0.0000	9.7152	9.7152	1.6000e-004	0.0000	9.7193
Total	5.4900e-003	0.0500	0.0421	2.7000e-004	0.0184	1.3000e-004	0.0185	4.9900e-003	1.2000e-004	5.1200e-003	0.0000	25.4148	25.4148	7.3000e-004	0.0000	25.4331

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.9600e-003	0.1665	0.2882	6.1000e-004		0.0113	0.0113		0.0113	0.0113	0.0000	42.1199	42.1199	8.9300e-003	0.0000	42.3431
Total	8.9600e-003	0.1665	0.2882	6.1000e-004		0.0113	0.0113		0.0113	0.0113	0.0000	42.1199	42.1199	8.9300e-003	0.0000	42.3431

GBGF - Phase 2 - Santa Clara County, Annual

3.24 Site and Building #2 - ROMP11 - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3900e-003	0.0477	0.0142	1.6000e-004	4.1400e-003	5.0000e-005	4.1900e-003	1.2000e-003	5.0000e-005	1.2500e-003	0.0000	15.6995	15.6995	5.7000e-004	0.0000	15.7139
Worker	4.1000e-003	2.3300e-003	0.0279	1.1000e-004	0.0143	8.0000e-005	0.0143	3.7900e-003	7.0000e-005	3.8700e-003	0.0000	9.7152	9.7152	1.6000e-004	0.0000	9.7193
Total	5.4900e-003	0.0500	0.0421	2.7000e-004	0.0184	1.3000e-004	0.0185	4.9900e-003	1.2000e-004	5.1200e-003	0.0000	25.4148	25.4148	7.3000e-004	0.0000	25.4331

3.24 Site and Building #2 - ROMP11 - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0505	0.4300	0.4760	8.8000e-004		0.0182	0.0182		0.0173	0.0173	0.0000	74.3486	74.3486	0.0142	0.0000	74.7035
Total	0.0505	0.4300	0.4760	8.8000e-004		0.0182	0.0182		0.0173	0.0173	0.0000	74.3486	74.3486	0.0142	0.0000	74.7035

GBGF - Phase 2 - Santa Clara County, Annual

3.24 Site and Building #2 - ROMP11 - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9700e-003	0.0682	0.0202	2.3000e-004	6.0000e-003	7.0000e-005	6.0700e-003	1.7400e-003	7.0000e-005	1.8100e-003	0.0000	22.6084	22.6084	8.2000e-004	0.0000	22.6288
Worker	5.6500e-003	3.1000e-003	0.0378	1.5000e-004	0.0207	1.1000e-004	0.0208	5.4900e-003	1.0000e-004	5.6000e-003	0.0000	13.5904	13.5904	2.1000e-004	0.0000	13.5957
Total	7.6200e-003	0.0713	0.0580	3.8000e-004	0.0267	1.8000e-004	0.0268	7.2300e-003	1.7000e-004	7.4100e-003	0.0000	36.1988	36.1988	1.0300e-003	0.0000	36.2245

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0130	0.2412	0.4175	8.8000e-004		0.0164	0.0164		0.0164	0.0164	0.0000	61.0013	61.0013	0.0129	0.0000	61.3245
Total	0.0130	0.2412	0.4175	8.8000e-004		0.0164	0.0164		0.0164	0.0164	0.0000	61.0013	61.0013	0.0129	0.0000	61.3245

GBGF - Phase 2 - Santa Clara County, Annual

3.24 Site and Building #2 - ROMP11 - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9700e-003	0.0682	0.0202	2.3000e-004	6.0000e-003	7.0000e-005	6.0700e-003	1.7400e-003	7.0000e-005	1.8100e-003	0.0000	22.6084	22.6084	8.2000e-004	0.0000	22.6288
Worker	5.6500e-003	3.1000e-003	0.0378	1.5000e-004	0.0207	1.1000e-004	0.0208	5.4900e-003	1.0000e-004	5.6000e-003	0.0000	13.5904	13.5904	2.1000e-004	0.0000	13.5957
Total	7.6200e-003	0.0713	0.0580	3.8000e-004	0.0267	1.8000e-004	0.0268	7.2300e-003	1.7000e-004	7.4100e-003	0.0000	36.1988	36.1988	1.0300e-003	0.0000	36.2245

3.25 Site and Building #2 - ROMP10 ArcCoa - 2026**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.25 Site and Building #2 - ROMP10 ArcCoa - 2026**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.25 Site and Building #2 - ROMP10 ArcCoa - 2026**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351
Total	6.0000e-005	3.0000e-005	3.9000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1351	0.1351	0.0000	0.0000	0.1351

3.26 Site and Building #2 - ROMP11 ArcCoa - 2027**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.7000e-004	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1530	1.1500e-003	1.8100e-003	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.26 Site and Building #2 - ROMP11 ArcCoa - 2027**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	3.6000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1305	0.1305	0.0000	0.0000	0.1305
Total	5.0000e-005	3.0000e-005	3.6000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1305	0.1305	0.0000	0.0000	0.1305

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.1528					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.0000e-005	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557
Total	1.1528	1.3600e-003	1.8300e-003	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004	0.0000	0.2553	0.2553	1.0000e-005	0.0000	0.2557

GBGF - Phase 2 - Santa Clara County, Annual

3.26 Site and Building #2 - ROMP11 ArcCoa - 2027**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.0000e-005	3.0000e-005	3.6000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1305	0.1305	0.0000	0.0000	0.1305
Total	5.0000e-005	3.0000e-005	3.6000e-004	0.0000	2.0000e-004	0.0000	2.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.1305	0.1305	0.0000	0.0000	0.1305

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

GBGF - Phase 2 - Santa Clara County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	6.60	59.00	28.00	13.00	92	5	3
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

GBGF - Phase 2 - Santa Clara County, Annual

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.614951	0.035734	0.181842	0.104158	0.013506	0.005015	0.012793	0.021727	0.002177	0.001514	0.005249	0.000632	0.000704
Other Asphalt Surfaces	0.614951	0.035734	0.181842	0.104158	0.013506	0.005015	0.012793	0.021727	0.002177	0.001514	0.005249	0.000632	0.000704
Parking Lot	0.614951	0.035734	0.181842	0.104158	0.013506	0.005015	0.012793	0.021727	0.002177	0.001514	0.005249	0.000632	0.000704

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	524.5285	524.5285	0.0237	4.9100e-003	526.5838
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	524.5285	524.5285	0.0237	4.9100e-003	526.5838
NaturalGas Mitigated	0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.8867	306.8867	5.8800e-003	5.6300e-003	308.7104
NaturalGas Unmitigated	0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.8867	306.8867	5.8800e-003	5.6300e-003	308.7104

GBGF - Phase 2 - Santa Clara County, Annual

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.75084e+006	0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.8867	306.8867	5.8800e-003	5.6300e-003	308.7104
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.8867	306.8867	5.8800e-003	5.6300e-003	308.7104

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.75084e+006	0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.8867	306.8867	5.8800e-003	5.6300e-003	308.7104
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0310	0.2819	0.2368	1.6900e-003		0.0214	0.0214		0.0214	0.0214	0.0000	306.8867	306.8867	5.8800e-003	5.6300e-003	308.7104

GBGF - Phase 2 - Santa Clara County, Annual

5.3 Energy by Land Use - Electricity**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.80068e+006	523.8385	0.0237	4.9000e-003	525.8910
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2371.95	0.6900	3.0000e-005	1.0000e-005	0.6927
Total		524.5285	0.0237	4.9100e-003	526.5837

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	1.80068e+006	523.8385	0.0237	4.9000e-003	525.8910
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	2371.95	0.6900	3.0000e-005	1.0000e-005	0.6927
Total		524.5285	0.0237	4.9100e-003	526.5837

GBGF - Phase 2 - Santa Clara County, Annual

6.0 Area Detail**6.1 Mitigation Measures Area**

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9082	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003
Unmitigated	0.9719	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003

GBGF - Phase 2 - Santa Clara County, Annual

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1153					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8564					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003
Total	0.9719	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1153					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.7927					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.5000e-004	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003
Total	0.9083	2.0000e-005	2.7100e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	5.2700e-003	5.2700e-003	1.0000e-005	0.0000	5.6100e-003

GBGF - Phase 2 - Santa Clara County, Annual

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	95.3490	1.6463	0.0395	148.2859
Unmitigated	95.3490	1.6463	0.0395	148.2859

GBGF - Phase 2 - Santa Clara County, Annual

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.4125 / 0	95.3490	1.6463	0.0395	148.2859
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		95.3490	1.6463	0.0395	148.2859

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	50.4125 / 0	95.3490	1.6463	0.0395	148.2859
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		95.3490	1.6463	0.0395	148.2859

GBGF - Phase 2 - Santa Clara County, Annual

8.0 Waste Detail

8.1 Mitigation Measures Waste**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	54.8725	3.2429	0.0000	135.9443
Unmitigated	54.8725	3.2429	0.0000	135.9443

GBGF - Phase 2 - Santa Clara County, Annual

8.2 Waste by Land Use**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	270.32	54.8725	3.2429	0.0000	135.9443
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		54.8725	3.2429	0.0000	135.9443

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	270.32	54.8725	3.2429	0.0000	135.9443
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		54.8725	3.2429	0.0000	135.9443

GBGF - Phase 2 - Santa Clara County, Annual

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX A-5: LOAD SCREENING ANALYSIS MODEL INPUT

Load Screening Analysis AERMOD Point Source Data Inputs

Index	ID	Description	X coordinate	Y coordinate	Elevation	Emission rate	NO ₂ Emission rate	Stack height	Stack temp.	Stack velocity	Stack diameter
			m	m	meters	g/s	g/s	meters	K	m/s	meters
1	GEN1A	Generator 1 at 100% Load	628169.8	4097750.2	59.73	1	1.721	9.75	763.82	26.98	0.66
2	GEN1B	Generator 1 at 75% Load	628169.8	4097750.2	59.73	1	--	9.75	732.32	21.90	0.66
3	GEN1C	Generator 1 at 50% Load	628169.8	4097750.2	59.73	1	1.637	9.75	727.98	17.10	0.66
4	GEN1D	Generator 1 at 25% Load	628169.8	4097750.2	59.73	1	--	9.75	717.09	10.81	0.66
5	GEN1E	Generator 1 at 10% Load	628169.8	4097750.2	59.73	1	--	9.75	614.98	6.61	0.66
6	GEN2A	Generator 2 at 100% Load	628172.9	4097744.6	59.69	1	1.721	9.75	763.82	26.98	0.66
7	GEN2B	Generator 2 at 75% Load	628172.9	4097744.6	59.69	1	--	9.75	732.32	21.90	0.66
8	GEN2C	Generator 2 at 50% Load	628172.9	4097744.6	59.69	1	1.637	9.75	727.98	17.10	0.66
9	GEN2D	Generator 2 at 25% Load	628172.9	4097744.6	59.69	1	--	9.75	717.09	10.81	0.66
10	GEN2E	Generator 2 at 10% Load	628172.9	4097744.6	59.69	1	--	9.75	614.98	6.61	0.66
11	GEN3A	Generator 3 at 100% Load	628180.1	4097732.7	59.7	1	1.721	9.75	763.82	26.98	0.66
12	GEN3B	Generator 3 at 75% Load	628180.1	4097732.7	59.7	1	--	9.75	732.32	21.90	0.66
13	GEN3C	Generator 3 at 50% Load	628180.1	4097732.7	59.7	1	1.637	9.75	727.98	17.10	0.66
14	GEN3D	Generator 3 at 25% Load	628180.1	4097732.7	59.7	1	--	9.75	717.09	10.81	0.66
15	GEN3E	Generator 3 at 10% Load	628180.1	4097732.7	59.7	1	--	9.75	614.98	6.61	0.66
16	GEN4A	Generator 4 at 100% Load	628183.2	4097727.7	59.69	1	1.721	9.75	763.82	26.98	0.66
17	GEN4B	Generator 4 at 75% Load	628183.2	4097727.7	59.69	1	--	9.75	732.32	21.90	0.66
18	GEN4C	Generator 4 at 50% Load	628183.2	4097727.7	59.69	1	1.637	9.75	727.98	17.10	0.66
19	GEN4D	Generator 4 at 25% Load	628183.2	4097727.7	59.69	1	--	9.75	717.09	10.81	0.66
20	GEN4E	Generator 4 at 10% Load	628183.2	4097727.7	59.69	1	--	9.75	614.98	6.61	0.66
21	GEN5A	Generator 5 at 100% Load	628190.5	4097715.5	59.71	1	1.721	9.75	763.82	26.98	0.66
22	GEN5B	Generator 5 at 75% Load	628190.5	4097715.5	59.71	1	--	9.75	732.32	21.90	0.66
23	GEN5C	Generator 5 at 50% Load	628190.5	4097715.5	59.71	1	1.637	9.75	727.98	17.10	0.66
24	GEN5D	Generator 5 at 25% Load	628190.5	4097715.5	59.71	1	--	9.75	717.09	10.81	0.66
25	GEN5E	Generator 5 at 10% Load	628190.5	4097715.5	59.71	1	--	9.75	614.98	6.61	0.66
26	GEN6A	Generator 6 at 100% Load	628193.6	4097709.8	59.63	1	1.721	9.75	763.82	26.98	0.66
27	GEN6B	Generator 6 at 75% Load	628193.6	4097709.8	59.63	1	--	9.75	732.32	21.90	0.66
28	GEN6C	Generator 6 at 50% Load	628193.6	4097709.8	59.63	1	1.637	9.75	727.98	17.10	0.66
29	GEN6D	Generator 6 at 25% Load	628193.6	4097709.8	59.63	1	--	9.75	717.09	10.81	0.66
30	GEN6E	Generator 6 at 10% Load	628193.6	4097709.8	59.63	1	--	9.75	614.98	6.61	0.66
31	GEN7A	Generator 7 at 100% Load	628201.6	4097697.4	59.55	1	1.721	9.75	763.82	26.98	0.66
32	GEN7B	Generator 7 at 75% Load	628201.6	4097697.4	59.55	1	--	9.75	732.32	21.90	0.66
33	GEN7C	Generator 7 at 50% Load	628201.6	4097697.4	59.55	1	1.637	9.75	727.98	17.10	0.66
34	GEN7D	Generator 7 at 25% Load	628201.6	4097697.4	59.55	1	--	9.75	717.09	10.81	0.66
35	GEN7E	Generator 7 at 10% Load	628201.6	4097697.4	59.55	1	--	9.75	614.98	6.61	0.66
36	GEN8A	Generator 8 at 100% Load	628204.7	4097691.6	59.52	1	1.721	9.75	763.82	26.98	0.66
37	GEN8B	Generator 8 at 75% Load	628204.7	4097691.6	59.52	1	--	9.75	732.32	21.90	0.66
38	GEN8C	Generator 8 at 50% Load	628204.7	4097691.6	59.52	1	1.637	9.75	727.98	17.10	0.66
39	GEN8D	Generator 8 at 25% Load	628204.7	4097691.6	59.52	1	--	9.75	717.09	10.81	0.66
40	GEN8E	Generator 8 at 10% Load	628204.7	4097691.6	59.52	1	--	9.75	614.98	6.61	0.66
41	GEN9A	Generator 9 at 100% Load	628212.2	4097680.1	59.4	1	1.721	9.75	763.82	26.98	0.66
42	GEN9B	Generator 9 at 75% Load	628212.2	4097680.1	59.4	1	--	9.75	732.32	21.90	0.66
43	GEN9C	Generator 9 at 50% Load	628212.2	4097680.1	59.4	1	1.637	9.75	727.98	17.10	0.66
44	GEN9D	Generator 9 at 25% Load	628212.2	4097680.1	59.4	1	--	9.75	717.09	10.81	0.66

Load Screening Analysis AERMOD Point Source Data Inputs

Index	ID	Description	X coordinate m	Y coordinate m	Elevation meters	Emission rate g/s	NO ₂ Emission rate g/s	Stack height meters	Stack temp. K	Stack velocity m/s	Stack diameter meters
45	GEN9E	Generator 9 at 10% Load	628212.2	4097680.1	59.4	1	--	9.75	614.98	6.61	0.66
46	GEN10A	Generator 10 at 100% Load	628215	4097674.6	59.4	1	1.721	9.75	763.82	26.98	0.66
47	GEN10B	Generator 10 at 75% Load	628215	4097674.6	59.4	1	--	9.75	732.32	21.90	0.66
48	GEN10C	Generator 10 at 50% Load	628215	4097674.6	59.4	1	1.637	9.75	727.98	17.10	0.66
49	GEN10D	Generator 10 at 25% Load	628215	4097674.6	59.4	1	--	9.75	717.09	10.81	0.66
50	GEN10E	Generator 10 at 10% Load	628215	4097674.6	59.4	1	--	9.75	614.98	6.61	0.66
51	GEN11A	Generator 11 at 100% Load	628221.8	4097663	59.41	1	1.721	9.75	763.82	26.98	0.66
52	GEN11B	Generator 11 at 75% Load	628221.8	4097663	59.41	1	--	9.75	732.32	21.90	0.66
53	GEN11C	Generator 11 at 50% Load	628221.8	4097663	59.41	1	1.637	9.75	727.98	17.10	0.66
54	GEN11D	Generator 11 at 25% Load	628221.8	4097663	59.41	1	--	9.75	717.09	10.81	0.66
55	GEN11E	Generator 11 at 10% Load	628221.8	4097663	59.41	1	--	9.75	614.98	6.61	0.66
56	GEN12A	Generator 12 at 100% Load	628225	4097657.2	59.35	1	1.721	9.75	763.82	26.98	0.66
57	GEN12B	Generator 12 at 75% Load	628225	4097657.2	59.35	1	--	9.75	732.32	21.90	0.66
58	GEN12C	Generator 12 at 50% Load	628225	4097657.2	59.35	1	1.637	9.75	727.98	17.10	0.66
59	GEN12D	Generator 12 at 25% Load	628225	4097657.2	59.35	1	--	9.75	717.09	10.81	0.66
60	GEN12E	Generator 12 at 10% Load	628225	4097657.2	59.35	1	--	9.75	614.98	6.61	0.66
61	GEN13A	Generator 13 at 100% Load	628230.1	4097649.5	59.33	1	1.721	9.75	763.82	26.98	0.66
62	GEN13B	Generator 13 at 75% Load	628230.1	4097649.5	59.33	1	--	9.75	732.32	21.90	0.66
63	GEN13C	Generator 13 at 50% Load	628230.1	4097649.5	59.33	1	1.637	9.75	727.98	17.10	0.66
64	GEN13D	Generator 13 at 25% Load	628230.1	4097649.5	59.33	1	--	9.75	717.09	10.81	0.66
65	GEN13E	Generator 13 at 10% Load	628230.1	4097649.5	59.33	1	--	9.75	614.98	6.61	0.66
66	GEN14A	Generator 14 at 100% Load	628253.4	4097611	59.13	1	1.721	9.75	763.82	26.98	0.66
67	GEN14B	Generator 14 at 75% Load	628253.4	4097611	59.13	1	--	9.75	732.32	21.90	0.66
68	GEN14C	Generator 14 at 50% Load	628253.4	4097611	59.13	1	1.637	9.75	727.98	17.10	0.66
69	GEN14D	Generator 14 at 25% Load	628253.4	4097611	59.13	1	--	9.75	717.09	10.81	0.66
70	GEN14E	Generator 14 at 10% Load	628253.4	4097611	59.13	1	--	9.75	614.98	6.61	0.66
71	GEN15A	Generator 15 at 100% Load	628259.4	4097600.2	59.04	1	1.721	9.75	763.82	26.98	0.66
72	GEN15B	Generator 15 at 75% Load	628259.4	4097600.2	59.04	1	--	9.75	732.32	21.90	0.66
73	GEN15C	Generator 15 at 50% Load	628259.4	4097600.2	59.04	1	1.637	9.75	727.98	17.10	0.66
74	GEN15D	Generator 15 at 25% Load	628259.4	4097600.2	59.04	1	--	9.75	717.09	10.81	0.66
75	GEN15E	Generator 15 at 10% Load	628259.4	4097600.2	59.04	1	--	9.75	614.98	6.61	0.66
76	GEN16A	Generator 16 at 100% Load	628263.2	4097594.7	59.08	1	1.721	9.75	763.82	26.98	0.66
77	GEN16B	Generator 16 at 75% Load	628263.2	4097594.7	59.08	1	--	9.75	732.32	21.90	0.66
78	GEN16C	Generator 16 at 50% Load	628263.2	4097594.7	59.08	1	1.637	9.75	727.98	17.10	0.66
79	GEN16D	Generator 16 at 25% Load	628263.2	4097594.7	59.08	1	--	9.75	717.09	10.81	0.66
80	GEN16E	Generator 16 at 10% Load	628263.2	4097594.7	59.08	1	--	9.75	614.98	6.61	0.66
81	GEN17A	Generator 17 at 100% Load	628270.1	4097583.5	59.07	1	1.721	9.75	763.82	26.98	0.66
82	GEN17B	Generator 17 at 75% Load	628270.1	4097583.5	59.07	1	--	9.75	732.32	21.90	0.66
83	GEN17C	Generator 17 at 50% Load	628270.1	4097583.5	59.07	1	1.637	9.75	727.98	17.10	0.66
84	GEN17D	Generator 17 at 25% Load	628270.1	4097583.5	59.07	1	--	9.75	717.09	10.81	0.66
85	GEN17E	Generator 17 at 10% Load	628270.1	4097583.5	59.07	1	--	9.75	614.98	6.61	0.66
86	GEN18A	Generator 18 at 100% Load	628273.8	4097578.3	59.03	1	1.721	9.75	763.82	26.98	0.66
87	GEN18B	Generator 18 at 75% Load	628273.8	4097578.3	59.03	1	--	9.75	732.32	21.90	0.66
88	GEN18C	Generator 18 at 50% Load	628273.8	4097578.3	59.03	1	1.637	9.75	727.98	17.10	0.66

Load Screening Analysis AERMOD Point Source Data Inputs

Index	ID	Description	X coordinate	Y coordinate	Elevation	Emission rate	NO ₂ Emission rate	Stack height	Stack temp.	Stack velocity	Stack diameter
			m	m	meters	g/s	g/s	meters	K	m/s	meters
89	GEN18D	Generator 18 at 25% Load	628273.8	4097578.3	59.03	1	--	9.75	717.09	10.81	0.66
90	GEN18E	Generator 18 at 10% Load	628273.8	4097578.3	59.03	1	--	9.75	614.98	6.61	0.66
91	GEN19A	Generator 19 at 100% Load	628280.5	4097566.1	58.82	1	1.721	9.75	763.82	26.98	0.66
92	GEN19B	Generator 19 at 75% Load	628280.5	4097566.1	58.82	1	--	9.75	732.32	21.90	0.66
93	GEN19C	Generator 19 at 50% Load	628280.5	4097566.1	58.82	1	1.637	9.75	727.98	17.10	0.66
94	GEN19D	Generator 19 at 25% Load	628280.5	4097566.1	58.82	1	--	9.75	717.09	10.81	0.66
95	GEN19E	Generator 19 at 10% Load	628280.5	4097566.1	58.82	1	--	9.75	614.98	6.61	0.66
96	GEN20A	Generator 20 at 100% Load	628284.1	4097560.8	58.79	1	1.721	9.75	763.82	26.98	0.66
97	GEN20B	Generator 20 at 75% Load	628284.1	4097560.8	58.79	1	--	9.75	732.32	21.90	0.66
98	GEN20C	Generator 20 at 50% Load	628284.1	4097560.8	58.79	1	1.637	9.75	727.98	17.10	0.66
99	GEN20D	Generator 20 at 25% Load	628284.1	4097560.8	58.79	1	--	9.75	717.09	10.81	0.66
100	GEN20E	Generator 20 at 10% Load	628284.1	4097560.8	58.79	1	--	9.75	614.98	6.61	0.66
101	GEN21A	Generator 21 at 100% Load	628291.6	4097548	58.85	1	1.721	9.75	763.82	26.98	0.66
102	GEN21B	Generator 21 at 75% Load	628291.6	4097548	58.85	1	--	9.75	732.32	21.90	0.66
103	GEN21C	Generator 21 at 50% Load	628291.6	4097548	58.85	1	1.637	9.75	727.98	17.10	0.66
104	GEN21D	Generator 21 at 25% Load	628291.6	4097548	58.85	1	--	9.75	717.09	10.81	0.66
105	GEN21E	Generator 21 at 10% Load	628291.6	4097548	58.85	1	--	9.75	614.98	6.61	0.66
106	GEN22A	Generator 22 at 100% Load	628295.3	4097542.6	58.84	1	1.721	9.75	763.82	26.98	0.66
107	GEN22B	Generator 22 at 75% Load	628295.3	4097542.6	58.84	1	--	9.75	732.32	21.90	0.66
108	GEN22C	Generator 22 at 50% Load	628295.3	4097542.6	58.84	1	1.637	9.75	727.98	17.10	0.66
109	GEN22D	Generator 22 at 25% Load	628295.3	4097542.6	58.84	1	--	9.75	717.09	10.81	0.66
110	GEN22E	Generator 22 at 10% Load	628295.3	4097542.6	58.84	1	--	9.75	614.98	6.61	0.66
111	GEN23A	Generator 23 at 100% Load	628302.2	4097530.6	58.77	1	1.721	9.75	763.82	26.98	0.66
112	GEN23B	Generator 23 at 75% Load	628302.2	4097530.6	58.77	1	--	9.75	732.32	21.90	0.66
113	GEN23C	Generator 23 at 50% Load	628302.2	4097530.6	58.77	1	1.637	9.75	727.98	17.10	0.66
114	GEN23D	Generator 23 at 25% Load	628302.2	4097530.6	58.77	1	--	9.75	717.09	10.81	0.66
115	GEN23E	Generator 23 at 10% Load	628302.2	4097530.6	58.77	1	--	9.75	614.98	6.61	0.66
116	GEN24A	Generator 24 at 100% Load	628305.5	4097525.2	58.77	1	1.721	9.75	763.82	26.98	0.66
117	GEN24B	Generator 24 at 75% Load	628305.5	4097525.2	58.77	1	--	9.75	732.32	21.90	0.66
118	GEN24C	Generator 24 at 50% Load	628305.5	4097525.2	58.77	1	1.637	9.75	727.98	17.10	0.66
119	GEN24D	Generator 24 at 25% Load	628305.5	4097525.2	58.77	1	--	9.75	717.09	10.81	0.66
120	GEN24E	Generator 24 at 10% Load	628305.5	4097525.2	58.77	1	--	9.75	614.98	6.61	0.66
121	GEN25A	Generator 25 at 100% Load	628312.7	4097513.7	58.76	1	1.721	9.75	763.82	26.98	0.66
122	GEN25B	Generator 25 at 75% Load	628312.7	4097513.7	58.76	1	--	9.75	732.32	21.90	0.66
123	GEN25C	Generator 25 at 50% Load	628312.7	4097513.7	58.76	1	1.637	9.75	727.98	17.10	0.66
124	GEN25D	Generator 25 at 25% Load	628312.7	4097513.7	58.76	1	--	9.75	717.09	10.81	0.66
125	GEN25E	Generator 25 at 10% Load	628312.7	4097513.7	58.76	1	--	9.75	614.98	6.61	0.66
126	GEN26A	Generator 26 at 100% Load	628316.3	4097508.4	58.8	1	1.721	9.75	763.82	26.98	0.66
127	GEN26B	Generator 26 at 75% Load	628316.3	4097508.4	58.8	1	--	9.75	732.32	21.90	0.66
128	GEN26C	Generator 26 at 50% Load	628316.3	4097508.4	58.8	1	1.637	9.75	727.98	17.10	0.66
129	GEN26D	Generator 26 at 25% Load	628316.3	4097508.4	58.8	1	--	9.75	717.09	10.81	0.66
130	GEN26E	Generator 26 at 10% Load	628316.3	4097508.4	58.8	1	--	9.75	614.98	6.61	0.66
131	GEN27A	Generator 27 at 100% Load	628199.3	4097767.8	59.77	1	1.721	9.75	763.82	26.98	0.66
132	GEN27B	Generator 27 at 75% Load	628199.3	4097767.8	59.77	1	--	9.75	732.32	21.90	0.66

Load Screening Analysis AERMOD Point Source Data Inputs

Index	ID	Description	X coordinate m	Y coordinate m	Elevation meters	Emission rate g/s	NO ₂ Emission rate g/s	Stack height meters	Stack temp. K	Stack velocity m/s	Stack diameter meters
133	GEN27C	Generator 27 at 50% Load	628199.3	4097767.8	59.77	1	1.637	9.75	727.98	17.10	0.66
134	GEN27D	Generator 27 at 25% Load	628199.3	4097767.8	59.77	1	--	9.75	717.09	10.81	0.66
135	GEN27E	Generator 27 at 10% Load	628199.3	4097767.8	59.77	1	--	9.75	614.98	6.61	0.66
136	GEN28A	Generator 28 at 100% Load	628202.4	4097762.2	59.75	1	1.721	9.75	763.82	26.98	0.66
137	GEN28B	Generator 28 at 75% Load	628202.4	4097762.2	59.75	1	--	9.75	732.32	21.90	0.66
138	GEN28C	Generator 28 at 50% Load	628202.4	4097762.2	59.75	1	1.637	9.75	727.98	17.10	0.66
139	GEN28D	Generator 28 at 25% Load	628202.4	4097762.2	59.75	1	--	9.75	717.09	10.81	0.66
140	GEN28E	Generator 28 at 10% Load	628202.4	4097762.2	59.75	1	--	9.75	614.98	6.61	0.66
141	GEN29A	Generator 29 at 100% Load	628209.4	4097750.7	59.73	1	1.721	9.75	763.82	26.98	0.66
142	GEN29B	Generator 29 at 75% Load	628209.4	4097750.7	59.73	1	--	9.75	732.32	21.90	0.66
143	GEN29C	Generator 29 at 50% Load	628209.4	4097750.7	59.73	1	1.637	9.75	727.98	17.10	0.66
144	GEN29D	Generator 29 at 25% Load	628209.4	4097750.7	59.73	1	--	9.75	717.09	10.81	0.66
145	GEN29E	Generator 29 at 10% Load	628209.4	4097750.7	59.73	1	--	9.75	614.98	6.61	0.66
146	GEN30A	Generator 30 at 100% Load	628212.5	4097745.7	59.63	1	1.721	9.75	763.82	26.98	0.66
147	GEN30B	Generator 30 at 75% Load	628212.5	4097745.7	59.63	1	--	9.75	732.32	21.90	0.66
148	GEN30C	Generator 30 at 50% Load	628212.5	4097745.7	59.63	1	1.637	9.75	727.98	17.10	0.66
149	GEN30D	Generator 30 at 25% Load	628212.5	4097745.7	59.63	1	--	9.75	717.09	10.81	0.66
150	GEN30E	Generator 30 at 10% Load	628212.5	4097745.7	59.63	1	--	9.75	614.98	6.61	0.66
151	GEN31A	Generator 31 at 100% Load	628219.5	4097733.9	59.57	1	1.721	9.75	763.82	26.98	0.66
152	GEN31B	Generator 31 at 75% Load	628219.5	4097733.9	59.57	1	--	9.75	732.32	21.90	0.66
153	GEN31C	Generator 31 at 50% Load	628219.5	4097733.9	59.57	1	1.637	9.75	727.98	17.10	0.66
154	GEN31D	Generator 31 at 25% Load	628219.5	4097733.9	59.57	1	--	9.75	717.09	10.81	0.66
155	GEN31E	Generator 31 at 10% Load	628219.5	4097733.9	59.57	1	--	9.75	614.98	6.61	0.66
156	GEN32A	Generator 32 at 100% Load	628222.6	4097728.2	59.58	1	1.721	9.75	763.82	26.98	0.66
157	GEN32B	Generator 32 at 75% Load	628222.6	4097728.2	59.58	1	--	9.75	732.32	21.90	0.66
158	GEN32C	Generator 32 at 50% Load	628222.6	4097728.2	59.58	1	1.637	9.75	727.98	17.10	0.66
159	GEN32D	Generator 32 at 25% Load	628222.6	4097728.2	59.58	1	--	9.75	717.09	10.81	0.66
160	GEN32E	Generator 32 at 10% Load	628222.6	4097728.2	59.58	1	--	9.75	614.98	6.61	0.66
161	GEN33A	Generator 33 at 100% Load	628231.1	4097715	59.57	1	1.721	9.75	763.82	26.98	0.66
162	GEN33B	Generator 33 at 75% Load	628231.1	4097715	59.57	1	--	9.75	732.32	21.90	0.66
163	GEN33C	Generator 33 at 50% Load	628231.1	4097715	59.57	1	1.637	9.75	727.98	17.10	0.66
164	GEN33D	Generator 33 at 25% Load	628231.1	4097715	59.57	1	--	9.75	717.09	10.81	0.66
165	GEN33E	Generator 33 at 10% Load	628231.1	4097715	59.57	1	--	9.75	614.98	6.61	0.66
166	GEN34A	Generator 34 at 100% Load	628234.2	4097709.2	59.56	1	1.721	9.75	763.82	26.98	0.66
167	GEN34B	Generator 34 at 75% Load	628234.2	4097709.2	59.56	1	--	9.75	732.32	21.90	0.66
168	GEN34C	Generator 34 at 50% Load	628234.2	4097709.2	59.56	1	1.637	9.75	727.98	17.10	0.66
169	GEN34D	Generator 34 at 25% Load	628234.2	4097709.2	59.56	1	--	9.75	717.09	10.81	0.66
170	GEN34E	Generator 34 at 10% Load	628234.2	4097709.2	59.56	1	--	9.75	614.98	6.61	0.66
171	GEN35A	Generator 35 at 100% Load	628241.7	4097697.7	59.48	1	1.721	9.75	763.82	26.98	0.66
172	GEN35B	Generator 35 at 75% Load	628241.7	4097697.7	59.48	1	--	9.75	732.32	21.90	0.66
173	GEN35C	Generator 35 at 50% Load	628241.7	4097697.7	59.48	1	1.637	9.75	727.98	17.10	0.66
174	GEN35D	Generator 35 at 25% Load	628241.7	4097697.7	59.48	1	--	9.75	717.09	10.81	0.66
175	GEN35E	Generator 35 at 10% Load	628241.7	4097697.7	59.48	1	--	9.75	614.98	6.61	0.66
176	GEN36A	Generator 36 at 100% Load	628244.5	4097692.2	59.42	1	1.721	9.75	763.82	26.98	0.66

Load Screening Analysis AERMOD Point Source Data Inputs

Index	ID	Description	X coordinate m	Y coordinate m	Elevation meters	Emission rate g/s	NO ₂ Emission rate g/s	Stack height meters	Stack temp. K	Stack velocity m/s	Stack diameter meters
177	GEN36B	Generator 36 at 75% Load	628244.5	4097692.2	59.42	1	--	9.75	732.32	21.90	0.66
178	GEN36C	Generator 36 at 50% Load	628244.5	4097692.2	59.42	1	1.637	9.75	727.98	17.10	0.66
179	GEN36D	Generator 36 at 25% Load	628244.5	4097692.2	59.42	1	--	9.75	717.09	10.81	0.66
180	GEN36E	Generator 36 at 10% Load	628244.5	4097692.2	59.42	1	--	9.75	614.98	6.61	0.66
181	GEN37A	Generator 37 at 100% Load	628251.4	4097680.9	59.42	1	1.721	9.75	763.82	26.98	0.66
182	GEN37B	Generator 37 at 75% Load	628251.4	4097680.9	59.42	1	--	9.75	732.32	21.90	0.66
183	GEN37C	Generator 37 at 50% Load	628251.4	4097680.9	59.42	1	1.637	9.75	727.98	17.10	0.66
184	GEN37D	Generator 37 at 25% Load	628251.4	4097680.9	59.42	1	--	9.75	717.09	10.81	0.66
185	GEN37E	Generator 37 at 10% Load	628251.4	4097680.9	59.42	1	--	9.75	614.98	6.61	0.66
186	GEN38A	Generator 38 at 100% Load	628254.6	4097675.1	59.45	1	1.721	9.75	763.82	26.98	0.66
187	GEN38B	Generator 38 at 75% Load	628254.6	4097675.1	59.45	1	--	9.75	732.32	21.90	0.66
188	GEN38C	Generator 38 at 50% Load	628254.6	4097675.1	59.45	1	1.637	9.75	727.98	17.10	0.66
189	GEN38D	Generator 38 at 25% Load	628254.6	4097675.1	59.45	1	--	9.75	717.09	10.81	0.66
190	GEN38E	Generator 38 at 10% Load	628254.6	4097675.1	59.45	1	--	9.75	614.98	6.61	0.66
191	GEN39A	Generator 39 at 100% Load	628260.8	4097665.3	59.35	1	1.721	9.75	763.82	26.98	0.66
192	GEN39B	Generator 39 at 75% Load	628260.8	4097665.3	59.35	1	--	9.75	732.32	21.90	0.66
193	GEN39C	Generator 39 at 50% Load	628260.8	4097665.3	59.35	1	1.637	9.75	727.98	17.10	0.66
194	GEN39D	Generator 39 at 25% Load	628260.8	4097665.3	59.35	1	--	9.75	717.09	10.81	0.66
195	GEN39E	Generator 39 at 10% Load	628260.8	4097665.3	59.35	1	--	9.75	614.98	6.61	0.66
196	GEN40A	Generator 40 at 100% Load	628284.2	4097626.5	59.2	1	1.721	9.75	763.82	26.98	0.66
197	GEN40B	Generator 40 at 75% Load	628284.2	4097626.5	59.2	1	--	9.75	732.32	21.90	0.66
198	GEN40C	Generator 40 at 50% Load	628284.2	4097626.5	59.2	1	1.637	9.75	727.98	17.10	0.66
199	GEN40D	Generator 40 at 25% Load	628284.2	4097626.5	59.2	1	--	9.75	717.09	10.81	0.66
200	GEN40E	Generator 40 at 10% Load	628284.2	4097626.5	59.2	1	--	9.75	614.98	6.61	0.66
201	GEN41A	Generator 41 at 100% Load	628288.8	4097618.8	59.17	1	1.721	9.75	763.82	26.98	0.66
202	GEN41B	Generator 41 at 75% Load	628288.8	4097618.8	59.17	1	--	9.75	732.32	21.90	0.66
203	GEN41C	Generator 41 at 50% Load	628288.8	4097618.8	59.17	1	1.637	9.75	727.98	17.10	0.66
204	GEN41D	Generator 41 at 25% Load	628288.8	4097618.8	59.17	1	--	9.75	717.09	10.81	0.66
205	GEN41E	Generator 41 at 10% Load	628288.8	4097618.8	59.17	1	--	9.75	614.98	6.61	0.66
206	GEN42A	Generator 42 at 100% Load	628292.5	4097612.8	59.21	1	1.721	9.75	763.82	26.98	0.66
207	GEN42B	Generator 42 at 75% Load	628292.5	4097612.8	59.21	1	--	9.75	732.32	21.90	0.66
208	GEN42C	Generator 42 at 50% Load	628292.5	4097612.8	59.21	1	1.637	9.75	727.98	17.10	0.66
209	GEN42D	Generator 42 at 25% Load	628292.5	4097612.8	59.21	1	--	9.75	717.09	10.81	0.66
210	GEN42E	Generator 42 at 10% Load	628292.5	4097612.8	59.21	1	--	9.75	614.98	6.61	0.66
211	GEN43A	Generator 43 at 100% Load	628299.6	4097601.1	59.08	1	1.721	9.75	763.82	26.98	0.66
212	GEN43B	Generator 43 at 75% Load	628299.6	4097601.1	59.08	1	--	9.75	732.32	21.90	0.66
213	GEN43C	Generator 43 at 50% Load	628299.6	4097601.1	59.08	1	1.637	9.75	727.98	17.10	0.66
214	GEN43D	Generator 43 at 25% Load	628299.6	4097601.1	59.08	1	--	9.75	717.09	10.81	0.66
215	GEN43E	Generator 43 at 10% Load	628299.6	4097601.1	59.08	1	--	9.75	614.98	6.61	0.66
216	GEN44A	Generator 44 at 100% Load	628303.3	4097595.9	59.06	1	1.721	9.75	763.82	26.98	0.66
217	GEN44B	Generator 44 at 75% Load	628303.3	4097595.9	59.06	1	--	9.75	732.32	21.90	0.66
218	GEN44C	Generator 44 at 50% Load	628303.3	4097595.9	59.06	1	1.637	9.75	727.98	17.10	0.66
219	GEN44D	Generator 44 at 25% Load	628303.3	4097595.9	59.06	1	--	9.75	717.09	10.81	0.66
220	GEN44E	Generator 44 at 10% Load	628303.3	4097595.9	59.06	1	--	9.75	614.98	6.61	0.66

Load Screening Analysis AERMOD Point Source Data Inputs

Index	ID	Description	X coordinate m	Y coordinate m	Elevation meters	Emission rate g/s	NO ₂ Emission rate g/s	Stack height meters	Stack temp. K	Stack velocity m/s	Stack diameter meters
221	GEN45A	Generator 45 at 100% Load	628309.8	4097584.2	58.86	1	1.721	9.75	763.82	26.98	0.66
222	GEN45B	Generator 45 at 75% Load	628309.8	4097584.2	58.86	1	--	9.75	732.32	21.90	0.66
223	GEN45C	Generator 45 at 50% Load	628309.8	4097584.2	58.86	1	1.637	9.75	727.98	17.10	0.66
224	GEN45D	Generator 45 at 25% Load	628309.8	4097584.2	58.86	1	--	9.75	717.09	10.81	0.66
225	GEN45E	Generator 45 at 10% Load	628309.8	4097584.2	58.86	1	--	9.75	614.98	6.61	0.66
226	GEN46A	Generator 46 at 100% Load	628313.4	4097578.9	58.76	1	1.721	9.75	763.82	26.98	0.66
227	GEN46B	Generator 46 at 75% Load	628313.4	4097578.9	58.76	1	--	9.75	732.32	21.90	0.66
228	GEN46C	Generator 46 at 50% Load	628313.4	4097578.9	58.76	1	1.637	9.75	727.98	17.10	0.66
229	GEN46D	Generator 46 at 25% Load	628313.4	4097578.9	58.76	1	--	9.75	717.09	10.81	0.66
230	GEN46E	Generator 46 at 10% Load	628313.4	4097578.9	58.76	1	--	9.75	614.98	6.61	0.66
231	GEN47A	Generator 47 at 100% Load	628321.1	4097565.6	58.89	1	1.721	9.75	763.82	26.98	0.66
232	GEN47B	Generator 47 at 75% Load	628321.1	4097565.6	58.89	1	--	9.75	732.32	21.90	0.66
233	GEN47C	Generator 47 at 50% Load	628321.1	4097565.6	58.89	1	1.637	9.75	727.98	17.10	0.66
234	GEN47D	Generator 47 at 25% Load	628321.1	4097565.6	58.89	1	--	9.75	717.09	10.81	0.66
235	GEN47E	Generator 47 at 10% Load	628321.1	4097565.6	58.89	1	--	9.75	614.98	6.61	0.66
236	GEN48A	Generator 48 at 100% Load	628324.8	4097560.2	58.92	1	1.721	9.75	763.82	26.98	0.66
237	GEN48B	Generator 48 at 75% Load	628324.8	4097560.2	58.92	1	--	9.75	732.32	21.90	0.66
238	GEN48C	Generator 48 at 50% Load	628324.8	4097560.2	58.92	1	1.637	9.75	727.98	17.10	0.66
239	GEN48D	Generator 48 at 25% Load	628324.8	4097560.2	58.92	1	--	9.75	717.09	10.81	0.66
240	GEN48E	Generator 48 at 10% Load	628324.8	4097560.2	58.92	1	--	9.75	614.98	6.61	0.66
241	GEN49A	Generator 49 at 100% Load	628331.7	4097548.2	58.9	1	1.721	9.75	763.82	26.98	0.66
242	GEN49B	Generator 49 at 75% Load	628331.7	4097548.2	58.9	1	--	9.75	732.32	21.90	0.66
243	GEN49C	Generator 49 at 50% Load	628331.7	4097548.2	58.9	1	1.637	9.75	727.98	17.10	0.66
244	GEN49D	Generator 49 at 25% Load	628331.7	4097548.2	58.9	1	--	9.75	717.09	10.81	0.66
245	GEN49E	Generator 49 at 10% Load	628331.7	4097548.2	58.9	1	--	9.75	614.98	6.61	0.66
246	GEN50A	Generator 50 at 100% Load	628335	4097542.8	58.84	1	1.721	9.75	763.82	26.98	0.66
247	GEN50B	Generator 50 at 75% Load	628335	4097542.8	58.84	1	--	9.75	732.32	21.90	0.66
248	GEN50C	Generator 50 at 50% Load	628335	4097542.8	58.84	1	1.637	9.75	727.98	17.10	0.66
249	GEN50D	Generator 50 at 25% Load	628335	4097542.8	58.84	1	--	9.75	717.09	10.81	0.66
250	GEN50E	Generator 50 at 10% Load	628335	4097542.8	58.84	1	--	9.75	614.98	6.61	0.66
251	LSGEN1F	Life Safety Generator 1 at 100% Load	628223.6	4097605.2	59.22	1	1.053	12.50	807.76	30.95	0.30
252	LSGEN2F	Life Safety Generator 2 at 100% Load	628291.8	4097669.7	59.33	1	1.053	12.50	807.76	30.95	0.30
253	SEC1G	Security Building Generator 1 at 100% Load	628172.2	4097821.5	60.06	1	2.134E-01	2.50	782.04	24.40	0.17

APPENDIX A-6: LOAD SCREENING ANALYSIS MODEL TOTAL OUTPUT

General Load Screening Analysis AERMOD Output Concentration Results

ID	1-Hr Averaging Period						3-Hr Averaging Period					8-Hr Averaging Period					24-Hr Averaging Period					
	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	PM _{2.5/10}
	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)
GEN1A	628107.8	4097434.7	59.34	112.62	47.734	0.626	628107.8	4097434.7	59.34	76.18	0.423	628070.4	4097505.1	59.86	45.21	19.2	628489	4097585	58.79	15.81	0.088	0.319
GEN1B	628107.8	4097434.7	59.34	129.67	25.848	0.547	628107.8	4097434.7	59.34	85.94	0.363	628070.4	4097505.1	59.86	51.19	10.2	628069	4097865	60.62	19.73	0.083	0.303
GEN1C	628107.8	4097434.7	59.34	150.76	25.314	0.435	628107.8	4097434.7	59.34	98.02	0.283	628070.4	4097505.1	59.86	57.92	9.7	628089	4097845	60.6	24.98	0.072	0.262
GEN1D	628107.8	4097434.7	59.34	192.41	45.097	0.303	628118.5	4097417.8	59.2	123.16	0.194	628070.4	4097505.1	59.86	72.05	16.9	628089	4097845	60.6	38.11	0.060	0.218
GEN1E	628129	4097805	60.01	243.18	79.568	0.185	628129	4097805	60.01	173.30	0.132	628129	4097805	60.01	104.24	34.1	628109	4097825	60.06	63.59	0.048	0.176
GEN2A	628054.2	4097541.7	59.83	120.74	51.177	0.671	628107.8	4097434.7	59.34	74.40	0.413	628070.4	4097505.1	59.86	50.05	21.2	628069	4097485	59.54	18.61	0.103	0.376
GEN2B	628107.8	4097434.7	59.34	135.06	26.922	0.570	628107.8	4097434.7	59.34	83.46	0.352	628070.4	4097505.1	59.86	54.91	10.9	628069	4097485	59.54	22.24	0.094	0.341
GEN2C	628107.8	4097434.7	59.34	158.82	26.667	0.459	628118.5	4097417.8	59.2	96.30	0.278	628070.4	4097505.1	59.86	62.19	10.4	628069	4097485	59.54	25.55	0.074	0.268
GEN2D	628107.8	4097434.7	59.34	204.98	48.045	0.323	628118.5	4097417.8	59.2	121.59	0.191	628070.4	4097505.1	59.86	79.08	18.5	628089	4097845	60.6	37.35	0.059	0.214
GEN2E	628107.8	4097434.7	59.34	259.17	84.797	0.197	628118.5	4097417.8	59.2	151.27	0.115	628070.4	4097505.1	59.86	96.27	31.5	628109	4097825	60.06	61.15	0.046	0.169
GEN3A	628049	4097525	59.74	138.84	58.847	0.771	628107.8	4097434.7	59.34	75.66	0.420	628070.4	4097505.1	59.86	54.98	23.3	628069	4097485	59.54	21.12	0.117	0.426
GEN3B	628049	4097525	59.74	151.86	30.271	0.641	628107.8	4097434.7	59.34	84.87	0.358	628070.4	4097505.1	59.86	60.36	12.0	628069	4097485	59.54	23.31	0.098	0.357
GEN3C	628049	4097525	59.74	169.07	28.388	0.488	628107.8	4097434.7	59.34	97.94	0.283	628070.4	4097505.1	59.86	68.06	11.4	628069	4097485	59.54	27.84	0.080	0.292
GEN3D	628049	4097525	59.74	224.30	52.572	0.353	628129	4097785	59.92	144.25	0.227	628070.4	4097505.1	59.86	88.74	20.8	628129	4097785	59.92	49.36	0.078	0.282
GEN3E	628135.2	4097774.4	59.87	301.06	98.504	0.229	628129	4097785	59.92	220.54	0.168	628129	4097785	59.92	132.27	43.3	628129	4097785	59.92	84.24	0.064	0.233
GEN4A	628062.3	4097523.4	59.76	146.62	62.145	0.814	628070.4	4097505.1	59.86	76.11	0.423	628070.4	4097505.1	59.86	56.09	23.8	628069	4097485	59.54	21.26	0.118	0.429
GEN4B	628062.3	4097523.4	59.76	160.27	31.947	0.676	628062.3	4097523.4	59.76	83.00	0.350	628070.4	4097505.1	59.86	61.58	12.3	628069	4097485	59.54	23.34	0.099	0.358
GEN4C	628062.3	4097523.4	59.76	177.26	29.763	0.512	628107.8	4097434.7	59.34	95.19	0.275	628070.4	4097505.1	59.86	69.09	11.6	628069	4097485	59.54	27.75	0.080	0.291
GEN4D	628062.3	4097523.4	59.76	234.73	55.016	0.369	628069	4097505	59.74	123.00	0.194	628070.4	4097505.1	59.86	90.10	21.1	628109	4097825	60.06	39.29	0.062	0.225
GEN4E	628062.3	4097523.4	59.76	311.70	101.985	0.237	628129	4097785	59.92	168.60	0.128	628070.4	4097505.1	59.86	114.61	37.5	628129	4097785	59.92	64.60	0.049	0.178
GEN5A	628069	4097505	59.74	155.03	65.708	0.861	628070.4	4097505.1	59.86	81.79	0.454	628070.4	4097505.1	59.86	56.38	23.9	628153	4097785.2	59.89	21.80	0.121	0.440
GEN5B	628069	4097505	59.74	168.06	33.501	0.709	628070.4	4097505.1	59.86	88.60	0.374	628070.4	4097505.1	59.86	61.23	12.2	628153	4097785.2	59.89	25.03	0.106	0.384
GEN5C	628069	4097605	59.69	193.88	32.554	0.560	628070.4	4097505.1	59.86	100.54	0.290	628070.4	4097505.1	59.86	68.28	11.5	628153	4097785.2	59.89	28.97	0.084	0.304
GEN5D	628069	4097605	59.69	249.67	58.519	0.393	628070.4	4097505.1	59.86	129.96	0.204	628070.4	4097505.1	59.86	87.76	20.6	628153	4097785.2	59.89	39.50	0.062	0.226
GEN5E	628069	4097605	59.69	328.50	107.482	0.250	628070.4	4097505.1	59.86	170.80	0.130	628070.4	4097505.1	59.86	112.31	36.7	628129	4097785	59.92	65.27	0.050	0.180
GEN6A	628070.4	4097505.1	59.86	159.36	67.544	0.885	628070.4	4097505.1	59.86	82.81	0.460	628070.4	4097505.1	59.86	55.40	23.5	628153	4097785.2	59.89	24.63	0.137	0.497
GEN6B	628070.4	4097505.1	59.86	172.31	34.347	0.727	628070.4	4097505.1	59.86	89.70	0.379	628070.4	4097505.1	59.86	59.94	11.9	628153	4097785.2	59.89	27.91	0.118	0.428
GEN6C	628069	4097605	59.69	206.95	34.749	0.598	628070.4	4097505.1	59.86	100.72	0.291	628070.4	4097505.1	59.86	66.36	11.1	628153	4097785.2	59.89	31.60	0.	

General Load Screening Analysis AERMOD Output Concentration Results

	1-Hr Averaging Period						3-Hr Averaging Period					8-Hr Averaging Period					24-Hr Averaging Period					
	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	PM _{2.5/10}
ID	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)
GEN12E	628077.9	4097609.4	59.92	342.63	112.107	0.260	628050.3	4097662.7	60.06	151.88	0.115	628044	4097723.2	60.91	102.35	33.5	628050.3	4097662.7	60.06	60.82	0.046	0.168
GEN13A	628077.9	4097609.4	59.92	162.47	68.861	0.902	628080.7	4097739.2	60.7	86.08	0.478	628044	4097723.2	60.91	61.12	25.9	628109	4097765	60.07	39.56	0.220	0.798
GEN13B	628077.9	4097609.4	59.92	177.01	35.283	0.747	628059.4	4097644.9	60.02	92.43	0.390	628044	4097723.2	60.91	65.92	13.1	628109	4097765	60.07	42.10	0.178	0.646
GEN13C	628077.9	4097609.4	59.92	193.15	32.433	0.558	628059.4	4097644.9	60.02	100.89	0.291	628044	4097723.2	60.91	71.18	12.0	628109	4097765	60.07	44.96	0.130	0.472
GEN13D	628077.9	4097609.4	59.92	228.07	53.455	0.359	628059.4	4097644.9	60.02	119.75	0.188	628044	4097723.2	60.91	82.69	19.4	628109	4097765	60.07	50.65	0.080	0.290
GEN13E	628077.9	4097609.4	59.92	298.54	97.681	0.227	628059.4	4097644.9	60.02	151.28	0.115	628044	4097723.2	60.91	103.71	33.9	628109	4097765	60.07	61.38	0.047	0.169
GEN14A	628087.9	4097591	59.76	135.39	57.387	0.752	628044	4097723.2	60.91	86.18	0.479	628083.9	4097743.3	60.71	56.84	24.1	628109	4097765	60.07	40.24	0.224	0.812
GEN14B	628087.9	4097591	59.76	146.26	29.154	0.617	628044	4097723.2	60.91	92.71	0.391	628083.9	4097743.3	60.71	60.13	12.0	628109	4097765	60.07	42.62	0.180	0.653
GEN14C	628087.9	4097591	59.76	159.82	26.836	0.462	628044	4097723.2	60.91	102.44	0.296	628083.9	4097743.3	60.71	68.35	11.5	628109	4097765	60.07	45.51	0.131	0.478
GEN14D	628087.9	4097591	59.76	187.11	43.857	0.294	628044	4097723.2	60.91	124.98	0.197	628069	4097745	61.08	81.45	19.1	628109	4097765	60.07	53.97	0.085	0.309
GEN14E	628087.9	4097591	59.76	258.55	84.594	0.196	628044	4097723.2	60.91	156.95	0.119	628069	4097745	61.08	98.65	32.3	628109	4097765	60.07	66.11	0.050	0.183
GEN15A	628071	4097582.2	59.98	131.12	55.573	0.728	628044	4097723.2	60.91	84.53	0.470	628044	4097723.2	60.91	58.08	24.6	628118.1	4097764	59.94	39.74	0.221	0.802
GEN15B	628071	4097582.2	59.98	141.39	28.185	0.597	628044	4097723.2	60.91	90.91	0.384	628044	4097723.2	60.91	61.97	12.4	628118.1	4097764	59.94	42.10	0.178	0.645
GEN15C	628071	4097582.2	59.98	154.59	25.958	0.447	628044	4097723.2	60.91	101.02	0.292	628044	4097723.2	60.91	68.49	11.5	628118.1	4097764	59.94	45.11	0.130	0.473
GEN15D	628071	4097582.2	59.98	182.85	42.856	0.288	628044	4097723.2	60.91	124.89	0.196	628044	4097723.2	60.91	83.72	19.6	628089	4097765	60.19	54.24	0.085	0.310
GEN15E	628071	4097582.2	59.98	254.44	83.249	0.193	628044	4097723.2	60.91	156.56	0.119	628044	4097723.2	60.91	101.82	33.3	628118.1	4097764	59.94	66.10	0.050	0.183
GEN16A	628087.4	4097591.9	59.76	127.29	53.951	0.707	628044	4097723.2	60.91	83.70	0.465	628044	4097723.2	60.91	58.34	24.7	628118.1	4097764	59.94	39.61	0.220	0.799
GEN16B	628071	4097582.2	59.98	138.42	27.592	0.584	628044	4097723.2	60.91	89.85	0.379	628044	4097723.2	60.91	62.43	12.4	628118.1	4097764	59.94	41.94	0.177	0.643
GEN16C	628071	4097582.2	59.98	150.98	25.351	0.436	628044	4097723.2	60.91	99.95	0.289	628044	4097723.2	60.91	69.41	11.7	628089	4097765	60.19	45.50	0.131	0.478
GEN16D	628087.4	4097591.9	59.76	178.98	41.950	0.282	628044	4097723.2	60.91	124.21	0.195	628044	4097723.2	60.91	85.10	19.9	628089	4097765	60.19	55.06	0.087	0.315
GEN16E	628071	4097582.2	59.98	249.61	81.670	0.190	628044	4097723.2	60.91	156.12	0.119	628044	4097723.2	60.91	103.38	33.8	628089	4097765	60.19	66.78	0.051	0.184
GEN17A	628071	4097582.2	59.98	124.58	52.805	0.692	628044	4097723.2	60.91	82.19	0.457	628044	4097723.2	60.91	58.06	24.6	628089	4097765	60.19	39.60	0.220	0.799
GEN17B	628071	4097582.2	59.98	134.01	26.712	0.566	628044	4097723.2	60.91	88.67	0.374	628044	4097723.2	60.91	62.70	12.5	628089	4097765	60.19	42.12	0.178	0.646
GEN17C	628071	4097582.2	59.98	148.06	24.861	0.428	628044	4097723.2	60.91	98.03	0.283	628044	4097723.2	60.91	70.36	11.8	628089	4097765	60.19	46.59	0.135	0.489
GEN17D	628071	4097582.2	59.98	179.58	42.091	0.283	628044	4097723.2	60.91	121.90	0.192	628044	4097723.2	60.91	86.82	20.3	628089	4097765	60.19	56.96	0.090	0.326
GEN17E	628071	4097582.2	59.98	239.41	78.333	0.182	628044	4097723.2	60.91	151.94	0.115	628044	4097723.2	60.91	104.90	34.3	628089	4097765	60.19	68.54	0.052	0.189
GEN18A	628049	4097545	59.86	128.25	54.357	0.712	628044	4097723.2	60.91	80.92	0.449	628044	4097723.2	60.91	57.45	24.3	628089	4097765	60.19	39.52	0.220	0.798
GEN18B	628049	4097545	59.86	137.53	27.414	0.580	628044	4097723.2	60.91	87.87	0.371	628044	4097723.2	60.91	62.55	12.5	628089	4097765	60.19	42.31	0.179	

General Load Screening Analysis AERMOD Output Concentration Results

	1-Hr Averaging Period						3-Hr Averaging Period					8-Hr Averaging Period					24-Hr Averaging Period					
	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	PM _{2.5/10}
ID	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)
GEN24D	628062.3	4097523.4	59.76	218.50	51.213	0.344	628089	4097765	60.19	130.54	0.205	628089	4097765	60.19	88.58	20.8	628089	4097765	60.19	62.12	0.098	0.355
GEN24E	628062.3	4097523.4	59.76	287.49	94.063	0.218	628049	4097525	59.74	165.84	0.126	628089	4097765	60.19	109.44	35.8	628089	4097765	60.19	70.30	0.053	0.194
GEN25A	628029	4097545	59.63	116.53	49.389	0.647	628089	4097765	60.19	79.99	0.444	628069	4097745	61.08	57.86	24.5	628089	4097765	60.19	41.36	0.230	0.835
GEN25B	628009	4097605	60.1	131.89	26.290	0.557	628089	4097765	60.19	92.03	0.388	628069	4097745	61.08	65.88	13.1	628089	4097765	60.19	47.28	0.200	0.725
GEN25C	628029	4097545	59.63	154.61	25.960	0.447	628089	4097765	60.19	105.85	0.306	628089	4097765	60.19	74.57	12.5	628089	4097765	60.19	53.62	0.155	0.563
GEN25D	628029	4097545	59.63	203.44	47.682	0.320	628029	4097665	60.7	130.24	0.205	628089	4097765	60.19	90.39	21.2	628089	4097765	60.19	62.71	0.099	0.359
GEN25E	628029	4097545	59.63	263.05	86.067	0.200	628029	4097665	60.7	158.89	0.121	628089	4097765	60.19	111.62	36.5	628089	4097765	60.19	70.64	0.054	0.195
GEN26A	628032.1	4097698.3	60.55	115.71	49.043	0.643	628029	4097665	60.7	82.03	0.456	628069	4097745	61.08	58.43	24.8	628089	4097765	60.19	42.01	0.233	0.848
GEN26B	628032.1	4097698.3	60.55	135.68	27.045	0.573	628029	4097665	60.7	93.89	0.396	628089	4097765	60.19	66.70	13.3	628089	4097765	60.19	48.03	0.203	0.736
GEN26C	628032.1	4097698.3	60.55	158.79	26.663	0.459	628029	4097665	60.7	106.50	0.308	628089	4097765	60.19	75.80	12.7	628089	4097765	60.19	54.07	0.156	0.567
GEN26D	628032.1	4097698.3	60.55	202.36	47.431	0.318	628029	4097665	60.7	130.83	0.206	628089	4097765	60.19	91.71	21.5	628089	4097765	60.19	62.96	0.099	0.360
GEN26E	628032.1	4097698.3	60.55	249.61	81.669	0.190	628089	4097765	60.19	161.17	0.122	628089	4097765	60.19	112.71	36.9	628089	4097765	60.19	70.76	0.054	0.195
GEN27A	628509	4097665	58.73	112.78	47.802	0.626	628489	4097705	58.76	88.90	0.494	628489	4097665	58.73	57.41	24.3	628489	4097585	58.79	24.97	0.139	0.504
GEN27B	628509	4097665	58.73	130.04	25.921	0.549	628489	4097625	58.69	102.13	0.431	628489	4097665	58.73	64.88	12.9	628489	4097585	58.79	30.94	0.131	0.474
GEN27C	628509	4097665	58.73	151.79	25.488	0.438	628489	4097625	58.69	118.69	0.343	628489	4097665	58.73	74.57	12.5	628489	4097585	58.79	34.74	0.100	0.365
GEN27D	628509	4097665	58.73	196.72	46.107	0.310	628489	4097605	58.7	149.84	0.236	628489	4097665	58.73	90.60	21.2	628489	4097585	58.79	41.81	0.066	0.239
GEN27E	628509	4097665	58.73	243.63	79.715	0.185	628489	4097605	58.7	188.13	0.143	628489	4097665	58.73	106.45	34.8	628489	4097585	58.79	46.69	0.035	0.129
GEN28A	628509	4097665	58.73	116.64	49.437	0.648	628489	4097685	58.77	94.49	0.525	628489	4097665	58.73	58.41	24.8	628489	4097585	58.79	27.05	0.150	0.546
GEN28B	628509	4097665	58.73	133.29	26.570	0.562	628489	4097685	58.77	104.97	0.443	628489	4097665	58.73	65.95	13.1	628489	4097585	58.79	32.38	0.137	0.496
GEN28C	628509	4097665	58.73	157.52	26.449	0.455	628489	4097685	58.77	122.33	0.353	628489	4097665	58.73	76.53	12.9	628489	4097585	58.79	36.28	0.105	0.381
GEN28D	628509	4097665	58.73	202.88	47.553	0.319	628489	4097685	58.77	154.22	0.243	628489	4097665	58.73	95.01	22.3	628489	4097585	58.79	41.77	0.066	0.239
GEN28E	628509	4097665	58.73	253.13	82.823	0.192	628489	4097705	58.76	187.39	0.142	628489	4097665	58.73	113.54	37.1	628489	4097585	58.79	46.63	0.035	0.129
GEN29A	628509	4097665	58.73	118.11	50.060	0.656	628489	4097685	58.77	101.02	0.561	628489	4097665	58.73	59.36	25.2	628489	4097585	58.79	28.17	0.156	0.569
GEN29B	628509	4097665	58.73	131.95	26.302	0.557	628489	4097685	58.77	111.99	0.473	628489	4097665	58.73	66.39	13.2	628489	4097585	58.79	31.66	0.134	0.486
GEN29C	628509	4097665	58.73	154.01	25.861	0.445	628489	4097685	58.77	129.23	0.373	628489	4097665	58.73	76.80	12.9	628489	4097585	58.79	35.68	0.103	0.374
GEN29D	628509	4097665	58.73	199.85	46.842	0.314	628489	4097685	58.77	165.55	0.260	628489	4097665	58.73	96.75	22.7	628489	4097585	58.79	41.49	0.065	0.237
GEN29E	628489	4097685	58.77	259.72	84.978	0.197	628489	4097685	58.77	204.43	0.155	628489	4097665	58.73	117.16	38.3	628153	4097785.2	59.89	53.25	0.040	0.147
GEN30A	628489	4097685	58.77	118.90	50.394	0.660	628489	4097685	58.77	102.98	0.572	628489	4097665	58.73	59.68	25.3	628153	4097785.2	59.89	30.62	0.170	0.618
GEN30B	628489	4097685	58.77	131.46	26.205	0.555	628489	4097685	58.77	113.75	0.480	628489	4097665	58.73	66.33	13.2	628					

General Load Screening Analysis AERMOD Output Concentration Results

	1-Hr Averaging Period						3-Hr Averaging Period					8-Hr Averaging Period					24-Hr Averaging Period					
	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	PM _{2.5/10}
ID	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)
GEN36C	628069.8	4097624.5	59.95	176.17	29.580	0.509	628153	4097785.2	59.89	99.06	0.286	628152.3	4097784.8	59.9	72.29	12.1	628153	4097785.2	59.89	48.27	0.139	0.507
GEN36D	628077.9	4097609.5	59.92	220.85	51.764	0.347	628153	4097785.2	59.89	114.19	0.180	628152.3	4097784.8	59.9	84.13	19.7	628153	4097785.2	59.89	55.42	0.087	0.317
GEN36E	628077.9	4097609.5	59.92	297.23	97.251	0.226	628050.3	4097662.7	60.06	141.91	0.108	628152.3	4097784.8	59.9	100.71	33.0	628153	4097785.2	59.89	66.33	0.050	0.183
GEN37A	628059.4	4097644.9	60.02	153.13	64.905	0.851	628050.3	4097662.7	60.06	85.76	0.476	628153	4097785.2	59.89	56.69	24.0	628153	4097785.2	59.89	40.73	0.226	0.822
GEN37B	628059.4	4097644.9	60.02	165.63	33.016	0.699	628050.3	4097662.7	60.06	92.54	0.391	628153	4097785.2	59.89	60.81	12.1	628153	4097785.2	59.89	43.96	0.186	0.674
GEN37C	628059.4	4097644.9	60.02	181.43	30.464	0.524	628050.3	4097662.7	60.06	100.17	0.289	628153	4097785.2	59.89	65.88	11.1	628153	4097785.2	59.89	47.51	0.137	0.499
GEN37D	628077.9	4097609.4	59.92	224.16	52.540	0.353	628050.3	4097662.7	60.06	119.48	0.188	628153	4097785.2	59.89	75.52	17.7	628153	4097785.2	59.89	54.29	0.085	0.310
GEN37E	628077.9	4097609.4	59.92	304.80	99.729	0.232	628050.3	4097662.7	60.06	160.24	0.122	628153	4097785.2	59.89	89.19	29.2	628153	4097785.2	59.89	64.44	0.049	0.178
GEN38A	628059.4	4097644.9	60.02	160.55	68.048	0.892	628050.3	4097662.7	60.06	87.56	0.486	628153	4097785.2	59.89	55.36	23.5	628153	4097785.2	59.89	40.50	0.225	0.817
GEN38B	628059.4	4097644.9	60.02	172.96	34.477	0.730	628050.3	4097662.7	60.06	94.37	0.398	628153	4097785.2	59.89	59.62	11.9	628153	4097785.2	59.89	43.54	0.184	0.668
GEN38C	628059.4	4097644.9	60.02	186.95	31.390	0.540	628050.3	4097662.7	60.06	101.99	0.295	628153	4097785.2	59.89	64.48	10.8	628153	4097785.2	59.89	46.99	0.136	0.493
GEN38D	628059.4	4097644.9	60.02	225.81	52.925	0.355	628050.3	4097662.7	60.06	121.89	0.192	628153	4097785.2	59.89	73.70	17.3	628153	4097785.2	59.89	53.48	0.084	0.306
GEN38E	628059.4	4097644.9	60.02	309.85	101.381	0.235	628050.3	4097662.7	60.06	163.61	0.124	628153	4097785.2	59.89	86.62	28.3	628153	4097785.2	59.89	63.55	0.048	0.175
GEN39A	628059.4	4097644.9	60.02	162.16	68.732	0.901	628050.3	4097662.7	60.06	86.18	0.479	628153	4097785.2	59.89	53.40	22.6	628153	4097785.2	59.89	39.88	0.222	0.805
GEN39B	628059.4	4097644.9	60.02	174.65	34.813	0.737	628050.3	4097662.7	60.06	92.79	0.392	628153	4097785.2	59.89	57.33	11.4	628153	4097785.2	59.89	42.70	0.180	0.655
GEN39C	628059.4	4097644.9	60.02	188.70	31.685	0.545	628050.3	4097662.7	60.06	100.20	0.289	628153	4097785.2	59.89	61.59	10.3	628153	4097785.2	59.89	45.86	0.132	0.481
GEN39D	628059.4	4097644.9	60.02	229.66	53.828	0.361	628050.3	4097662.7	60.06	120.18	0.189	628153	4097785.2	59.89	69.70	16.3	628153	4097785.2	59.89	51.92	0.082	0.297
GEN39E	628059.4	4097644.9	60.02	316.72	103.629	0.241	628050.3	4097662.7	60.06	161.46	0.123	628044	4097723.2	60.91	85.64	28.0	628153	4097785.2	59.89	61.97	0.047	0.171
GEN40A	628041.2	4097680.5	60.18	133.81	56.715	0.743	628080.7	4097739.2	60.7	79.18	0.440	628044	4097723.2	60.91	50.72	21.5	628153	4097785.2	59.89	30.76	0.171	0.621
GEN40B	628041.2	4097680.5	60.18	144.48	28.800	0.610	628080.7	4097739.2	60.7	84.65	0.357	628044	4097723.2	60.91	54.78	10.9	628153	4097785.2	59.89	32.56	0.137	0.499
GEN40C	628041.2	4097680.5	60.18	160.16	26.893	0.463	628080.7	4097739.2	60.7	92.46	0.267	628044	4097723.2	60.91	60.69	10.2	628153	4097785.2	59.89	34.55	0.100	0.363
GEN40D	628041.2	4097680.5	60.18	200.87	47.080	0.316	628080.7	4097739.2	60.7	113.34	0.178	628044	4097723.2	60.91	75.27	17.6	628153	4097785.2	59.89	40.33	0.063	0.231
GEN40E	628087.4	4097591.9	59.76	270.32	88.446	0.205	628077.9	4097609.4	59.92	155.19	0.118	628044	4097723.2	60.91	94.74	31.0	628153	4097785.2	59.89	49.30	0.037	0.136
GEN41A	628041.2	4097680.5	60.18	133.64	56.642	0.742	628080.7	4097739.2	60.7	80.63	0.448	628044	4097723.2	60.91	49.77	21.1	628153	4097785.2	59.89	29.85	0.166	0.603
GEN41B	628041.2	4097680.5	60.18	145.16	28.935	0.613	628080.7	4097739.2	60.7	86.75	0.366	628044	4097723.2	60.91	54.14	10.8	628153	4097785.2	59.89	31.53	0.133	0.483
GEN41C	628041.2	4097680.5	60.18	160.10	26.883	0.462	628080.7	4097739.2	60.7	95.28	0.275	628083.9	4097743.3	60.71	60.66	10.2	628153	4097785.2	59.89	33.48	0.097	0.351
GEN41D	628041.2	4097680.5	60.18	203.10	47.603	0.320	628080.7	4097739.2	60.7	117.55	0.185	628044	4097723.2	60.91	75.00	17.6	628062.4	4097731.2	60.88	41.08	0.065	0.235
GEN41E	628041.2	4097680.5	60.18	259.76	84.992	0.197	628069	4097605	59.69	150.51	0.114	628044	4097723.2	60.91	94.63	31.0	628083.9	4097743.3	60.71	49.54	0.038	0.137
GEN42A	628041.2	4097680.5	60.18	131.62	55.789	0.731	628080.7	4097739.2	60.7	81.74	0.454	628044	4097723.2	60.91	49.06	20.8	628153	4097785.2	59.89	29.37	0.163	0.593
GEN42B	628041.2	4097680.5	60.18	143.68	28.639	0.606	628080.7	4097739.2	60.7	88.24	0.372	628044	4097723.2	60.91	53.69	10.7	628153	4097785.2	59.89	31.02	0.131	0.476
GEN42C	628041.2	4097680.5	60.18	158.13	26.552	0.457	628080.7	4097739.2	60.7	97.24	0.281	628069	4097745	61.08	61.77	10.4	628062.4	4097731.2	60.88	33.80	0.098	0.355
GEN42D	628041.2	4097680.5	60.18	201.60	47.253	0.317	628080.7	4097739.2	60.7	120.79	0.190	628069	4097745	61.08	75.68	17.7	628062.4	4097731.2	60.88	41.80	0.066	0.239
GEN42E	628077.9	4097609.5	59.92	263.25	86.133	0.200	628087.4	4097591.9	59.76	150.97	0.115	628044	4097723.2	60.91	93.87	30.7	628062.4	4097731.2	60.88	50.25	0.038	0.139
GEN43A	628069	4097605	59.69	126.69	53.696	0.704	628080.7	4097739.2	60.7	82.50	0.458	628069	4097745	61.08	50.73	21.5	628153	4097785.2	59.89	28.33	0.157	0.572
GEN43B	628069	4097605	59.69	139.31	27.769	0.588	628080.7	4097739.2	60.7	89.82	0.379	628069	4097745	61.08	55.17	11.0	628062.4	4097731.2	60.88	30.41	0.128	0.466
GEN43C	628069	4097605	59.69	152.55	25.615	0.441	628080.7	4097739.2	60.7	100.32	0.290	628069	4097745	61.08	65.28	11.0	628062.4	4097731.2	60.88	34.26	0.099	0.360
GEN43D	628069	4097605	59.69	203.29	47.648	0.320	628080.7	4097739.2	60.7	124.82	0.196	628069	4097745	61.08	79.95	18.7	628062.4	4097731.2	60.88	42.46	0.067	0.243
GEN43E	628069	4097605	59.69	270.55	88.522	0.206	628069	4097605	59.69	155.55	0.118	628069	4097745	61.08	95.86	31.4	628083.9	4097743.3	60.71	50.83	0.039	0.140
GEN44A	628087.4	4097591.9	59.76	127.55	54.063	0.709	628080.7	4097739.2	60.7	82.70	0.459	628069	4097745	61.08	51.42	21.8	628153	4097785.2	59.89	27.99	0.155	0.565
GEN44B	628087.4	4097591.9	59.76	139.83	27.873	0.590	628080.7	4097739.2	60.7	90.49	0.382	628069	4097745	61.08	56.30	11.2	628062.4	4097731.2	60.88	30.43	0.128	0.467
GEN44C	628087.4	4097591.9	59.76	153.96	25.852	0.445	628080.7	4097739.2	60.7	101.56	0.293	628069	4097745	61.08	66.68	11.2	628062.4	4097731.2	60.88	34.43	0.099	0.361
GEN44D	628087.4	4097591.9	59.76	206.94	48.504	0.326	628080.7	4097739.2	60.7	126.26	0.199	628069	4097745	61.08	81.65	19.1	628062.4	4097731.2	60.88	42.60	0.067	0.244
GEN44E	628087.4	4097591.9	59.76	275.96	90.292	0.210	628069	4097605	59.69	159.32	0.121	628069	4097745	61.08	97.84	32.0	628062.4	4097731.2	60.88	50.90	0.039	0.141
GEN45A	628071	4097582.2	59.98	122.76	52.031	0.682	628080.7	4097739.2	60.7	81.66	0.454	628069	4097745	61.08	52.67	22.3	628089	4097765	60.19	27.74	0.154	0.560
GEN45B	628071	4097582.2	59.98	134.93	26.895	0.569	628080.7	4097739.2	60.7	89.15	0.376	628069	4097745	61.08	58.08	11.6	628089	4097765	60.19	30.45	0.129	0.46

General Load Screening Analysis AERMOD Output Concentration Results

	1-Hr Averaging Period						3-Hr Averaging Period					8-Hr Averaging Period					24-Hr Averaging Period					
	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	CO	X coordinate	Y coordinate	Elevation	Maximum Unitized Concentration	SO ₂	PM _{2.5/10}
ID	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	m	m	meters	(µg/m ³)	(µg/m ³)	(µg/m ³)
GEN48B	628049	4097545	59.86	144.19	28.741	0.608	628044	4097723.2	60.91	94.12	0.397	628389	4097845	59.22	68.37	13.6	628389	4097845	59.22	50.91	0.215	0.781
GEN48C	628049	4097545	59.86	163.82	27.507	0.473	628044	4097723.2	60.91	109.35	0.316	628389	4097845	59.22	78.32	13.2	628389	4097845	59.22	58.59	0.169	0.615
GEN48D	628049	4097545	59.86	205.24	48.104	0.323	628369	4097845	59.22	138.88	0.219	628389	4097845	59.22	100.66	23.6	628389	4097845	59.22	75.79	0.119	0.433
GEN48E	628389	4097845	59.22	252.65	82.665	0.192	628369	4097845	59.22	181.18	0.138	628389	4097845	59.22	124.64	40.8	628389	4097845	59.22	95.19	0.072	0.263
GEN49A	628369	4097845	59.22	118.46	50.211	0.658	628369	4097845	59.22	83.66	0.465	628409	4097845	59.24	61.84	26.2	628389	4097845	59.22	43.34	0.241	0.875
GEN49B	628369	4097845	59.22	130.92	26.096	0.552	628044	4097723.2	60.91	95.96	0.405	628409	4097845	59.24	68.81	13.7	628389	4097845	59.22	51.72	0.218	0.793
GEN49C	628369	4097845	59.22	152.34	25.580	0.440	628044	4097723.2	60.91	111.08	0.321	628409	4097845	59.24	79.43	13.3	628389	4097845	59.22	60.43	0.175	0.634
GEN49D	628389	4097845	59.22	195.36	45.790	0.307	628389	4097845	59.22	144.56	0.227	628389	4097845	59.22	100.70	23.6	628389	4097845	59.22	78.33	0.123	0.448
GEN49E	628389	4097845	59.22	255.31	83.535	0.194	628389	4097845	59.22	185.58	0.141	628389	4097845	59.22	124.96	40.9	628389	4097845	59.22	98.57	0.075	0.272
GEN50A	628429	4097805	59.04	117.95	49.994	0.655	628429	4097805	59.04	86.41	0.480	628429	4097805	59.04	69.92	29.6	628389	4097845	59.22	41.32	0.230	0.834
GEN50B	628369	4097845	59.22	131.02	26.117	0.553	628044	4097723.2	60.91	96.03	0.405	628429	4097805	59.04	76.71	15.3	628389	4097845	59.22	52.66	0.222	0.808
GEN50C	628369	4097845	59.22	152.22	25.559	0.440	628389	4097845	59.22	111.86	0.323	628429	4097805	59.04	88.50	14.9	628389	4097845	59.22	61.88	0.179	0.649
GEN50D	628429	4097805	59.04	197.89	46.383	0.311	628449	4097785	59	160.78	0.253	628429	4097805	59.04	113.40	26.6	628389	4097845	59.22	80.54	0.127	0.460
GEN50E	628409	4097805	59.11	260.40	85.199	0.198	628449	4097785	59	213.02	0.162	628409	4097825	59.12	139.19	45.5	628389	4097845	59.22	101.14	0.077	0.279
LSGEN1F	628087.9	4097591	59.76	220.19	32.839	0.303	628044	4097723.2	60.91	137.91	0.190	628109	4097765	60.07	102.17	15.2	628109	4097765	60.07	79.64	0.110	0.245
LSGEN2F	628388.9	4097748.6	59.13	291.30	43.444	0.401	628420	4097697.3	59.01	227.99	0.314	628388.9	4097748.6	59.13	146.65	21.9	628388.9	4097748.6	59.13	95.84	0.132	0.295
SEC1G	628125.5	4097891	61.09	874.17	55.771	0.374	628127.1	4097897.3	61.26	621.60	0.266	628127.1	4097897.3	61.26	504.97	32.2	628127.1	4097897.3	61.26	169.02	0.072	1.176

1. All pollutant-specific emission concentrations are calculated are based on the ratio of the maximum hourly emission rate (converted to g/s) of the respective pollutant to the modeled emission rate (1 g/s) and the maximum unitized concentration.

2. All X and Y coordinates refer to the coordinates of the receptor which experiences the maximum unitized concentration.

Refined 1-Hr NO₂ Load Screening Analysis AERMOD Output Concentration Results

ID	1-Hr CAAQS				1-Hr NAAQS			
	X coordinate	Y coordinate	Elevation	Total Concentration	X coordinate	Y coordinate	Elevation	Total Concentration
	m	m	meters	(µg/m ³)	m	m	meters	(µg/m ³)
GEN1A	628029	4097525	59.89	192.69	628492.5	4097577.5	58.71	148.84
GEN1C	628029	4097525	59.89	204.55	628118.5	4097417.8	59.2	154.98
GEN2A	628029	4097525	59.89	197.33	628492.5	4097577.5	58.71	148.41
GEN2C	628029	4097525	59.89	209.54	628107.8	4097434.7	59.34	156.49
GEN3A	628049	4097525	59.74	206.09	628107.8	4097434.7	59.34	147.82
GEN3C	628135.2	4097774.4	59.87	222.40	628107.8	4097434.7	59.34	168.38
GEN4A	628049	4097525	59.74	210.68	628107.8	4097434.7	59.34	147.48
GEN4C	628049	4097525	59.74	224.84	628107.8	4097434.7	59.34	167.09
GEN5A	628049	4097525	59.74	216.27	628069	4097505	59.74	146.22
GEN5C	628049	4097525	59.74	230.78	628069	4097505	59.74	164.43
GEN6A	628049	4097525	59.74	216.04	628069	4097505	59.74	145.65
GEN6C	628049	4097525	59.74	230.25	628069	4097505	59.74	162.63
GEN7A	628049	4097525	59.74	209.60	628069	4097505	59.74	144.95
GEN7C	628049	4097525	59.74	221.06	628070.4	4097505.1	59.86	156.99
GEN8A	628069	4097505	59.74	227.63	628069	4097505	59.74	144.51
GEN8C	628069	4097505	59.74	241.68	628069	4097505	59.74	152.71
GEN9A	628070.4	4097505.1	59.86	223.44	628069	4097505	59.74	143.39
GEN9C	628070.4	4097505.1	59.86	234.88	628069	4097505	59.74	146.88
GEN10A	628070.4	4097505.1	59.86	219.20	628070.4	4097505.1	59.86	142.97
GEN10C	628070.4	4097505.1	59.86	229.29	628070.4	4097505.1	59.86	146.36
GEN11A	628070.4	4097505.1	59.86	205.51	628049	4097665	60.08	142.68
GEN11C	628070.4	4097505.1	59.86	212.65	628069.8	4097624.5	59.95	146.22
GEN12A	628059.4	4097644.9	60.02	198.46	628049	4097665	60.08	142.97
GEN12C	628049	4097665	60.08	182.26	628049	4097665	60.08	146.33
GEN13A	628059.4	4097644.9	60.02	196.49	628049	4097665	60.08	143.11
GEN13C	628059.4	4097644.9	60.02	206.75	628049	4097665	60.08	146.64
GEN14A	628071	4097582.2	59.98	187.36	628032.1	4097698.3	60.55	147.94
GEN14C	628071	4097582.2	59.98	196.90	628032.1	4097698.3	60.55	154.11
GEN15A	628071	4097582.2	59.98	186.30	628044	4097723.2	60.91	149.65
GEN15C	628071	4097582.2	59.98	195.44	628044	4097723.2	60.91	155.28
GEN16A	628044	4097723.2	60.91	186.10	628044	4097723.2	60.91	150.32
GEN16C	628089	4097765	60.19	198.50	628044	4097723.2	60.91	156.00
GEN17A	628044	4097723.2	60.91	187.34	628044	4097723.2	60.91	151.41
GEN17C	628089	4097765	60.19	205.81	628044	4097723.2	60.91	157.60
GEN18A	628044	4097723.2	60.91	187.71	628044	4097723.2	60.91	151.79
GEN18C	628089	4097765	60.19	209.04	628044	4097723.2	60.91	158.65
GEN19A	628049	4097545	59.86	192.52	628044	4097723.2	60.91	153.00
GEN19C	628089	4097765	60.19	215.05	628044	4097723.2	60.91	162.72
GEN20A	628049	4097545	59.86	194.91	628044	4097723.2	60.91	153.81
GEN20C	628089	4097765	60.19	217.64	628089	4097765	60.19	164.53
GEN21A	628029	4097565	59.92	198.54	628009	4097665	60.46	155.91
GEN21C	628089	4097765	60.19	220.75	628089	4097765	60.19	168.42
GEN22A	628029	4097565	59.92	200.11	628009	4097665	60.46	156.95
GEN22C	628089	4097765	60.19	220.05	628089	4097765	60.19	170.27
GEN23A	628029	4097565	59.92	200.40	628009	4097665	60.46	157.99
GEN23C	628089	4097765	60.19	217.94	628009	4097665	60.46	172.62
GEN24A	628029	4097565	59.92	199.26	628009	4097665	60.46	159.09
GEN24C	628089	4097765	60.19	216.59	628009	4097665	60.46	173.90
GEN25A	628029	4097685	60.19	203.11	628009	4097665	60.46	160.65
GEN25C	628029	4097685	60.19	234.04	628009	4097665	60.46	175.71
GEN26A	628029	4097685	60.19	209.56	628009	4097665	60.46	161.77
GEN26C	628029	4097685	60.19	239.03	628009	4097665	60.46	176.88
GEN27A	628492.5	4097577.5	58.71	226.79	628489	4097585	58.79	163.36
GEN27C	628492.5	4097577.5	58.71	257.79	628489	4097585	58.79	178.34
GEN28A	628492.5	4097577.5	58.71	219.66	628489	4097585	58.79	162.37
GEN28C	628492.5	4097577.5	58.71	249.22	628489	4097585	58.79	178.03

Refined 1-Hr NO₂ Load Screening Analysis AERMOD Output Concentration Results

ID	1-Hr CAAQS				1-Hr NAAQS			
	X coordinate	Y coordinate	Elevation	Total Concentration	X coordinate	Y coordinate	Elevation	Total Concentration
	m	m	meters	(µg/m ³)	m	m	meters	(µg/m ³)
GEN29A	628492.5	4097577.5	58.71	208.36	628489	4097645	58.73	160.04
GEN29C	628492.5	4097577.5	58.71	232.25	628492.5	4097577.5	58.71	174.95
GEN30A	628489	4097585	58.79	206.26	628489	4097585	58.79	158.66
GEN30C	628489	4097585	58.79	226.68	628489	4097585	58.79	171.38
GEN31A	628049	4097525	59.74	208.51	628489	4097585	58.79	156.90
GEN31C	628509	4097665	58.73	224.41	628489	4097585	58.79	169.91
GEN32A	628049	4097525	59.74	208.62	628489	4097605	58.7	155.28
GEN32C	628049	4097525	59.74	222.72	628489	4097605	58.7	166.71
GEN33A	628069	4097505	59.74	226.85	628489	4097585	58.79	148.67
GEN33C	628069	4097505	59.74	243.23	628489	4097585	58.79	154.76
GEN34A	628069	4097505	59.74	226.89	628489	4097585	58.79	147.48
GEN34C	628069	4097505	59.74	242.62	628489	4097585	58.79	152.77
GEN35A	628070.4	4097505.1	59.86	217.47	628489	4097585	58.79	145.69
GEN35C	628070.4	4097505.1	59.86	231.68	628070.4	4097505.1	59.86	149.40
GEN36A	628070.4	4097505.1	59.86	208.80	628050.3	4097662.7	60.06	145.18
GEN36C	628070.4	4097505.1	59.86	221.62	628050.3	4097662.7	60.06	148.60
GEN37A	628059.4	4097644.9	60.02	200.34	628050.3	4097662.7	60.06	144.40
GEN37C	628059.4	4097644.9	60.02	209.96	628050.3	4097662.7	60.06	147.58
GEN38A	628059.4	4097644.9	60.02	204.22	628050.3	4097662.7	60.06	144.07
GEN38C	628059.4	4097644.9	60.02	214.25	628059.4	4097644.9	60.02	147.15
GEN39A	628059.4	4097644.9	60.02	207.13	628050.3	4097662.7	60.06	143.75
GEN39C	628059.4	4097644.9	60.02	217.21	628059.4	4097644.9	60.02	146.57
GEN40A	628041.2	4097680.5	60.18	195.64	628041.2	4097680.5	60.18	143.90
GEN40C	628041.2	4097680.5	60.18	203.52	628041.2	4097680.5	60.18	151.13
GEN41A	628041.2	4097680.5	60.18	194.08	628041.2	4097680.5	60.18	143.95
GEN41C	628041.2	4097680.5	60.18	201.82	628041.2	4097680.5	60.18	151.63
GEN42A	628029	4097645	61.77	192.50	628041.2	4097680.5	60.18	144.79
GEN42C	628029	4097645	61.77	202.46	628041.2	4097680.5	60.18	151.38
GEN43A	628029	4097645	61.77	193.28	628029	4097665	60.7	145.36
GEN43C	628029	4097645	61.77	204.24	628041.2	4097680.5	60.18	153.53
GEN44A	628029	4097645	61.77	192.67	628029	4097665	60.7	146.13
GEN44C	628029	4097645	61.77	204.46	628041.2	4097680.5	60.18	154.90
GEN45A	628032.1	4097698.3	60.55	188.26	628044	4097723.2	60.91	147.24
GEN45C	628089	4097765	60.19	207.19	628044	4097723.2	60.91	156.95
GEN46A	628369	4097865	59.29	200.66	628329	4097865	59.29	155.64
GEN46C	628369	4097865	59.29	214.06	628329	4097865	59.29	161.01
GEN47A	628369	4097865	59.29	207.62	628329	4097865	59.29	160.03
GEN47C	628369	4097865	59.29	226.73	628329	4097865	59.29	168.38
GEN48A	628369	4097845	59.22	210.04	628329	4097865	59.29	164.31
GEN48C	628369	4097845	59.22	231.20	628329	4097865	59.29	172.70
GEN49A	628429	4097825	59.16	210.90	628329	4097865	59.29	167.71
GEN49C	628369	4097865	59.29	234.75	628329	4097865	59.29	178.93
GEN50A	628409	4097805	59.11	219.76	628449	4097805	59.05	169.74
GEN50C	628409	4097805	59.11	238.07	628329	4097865	59.29	181.72
LSGEN1F	628044	4097723.2	60.91	200.76	628044	4097723.2	60.91	166.24
LSGEN2F	628388.9	4097748.6	59.13	243.26	628388.9	4097748.6	59.13	175.55
SEC1G	628127.1	4097897.3	61.26	309.92	628125.5	4097891	61.09	183.31

1. For CAAQS 1-hr NO₂ impacts, the total concentration reflects the highest 1-hour NO₂ concentration combined with seasonal hour of day background. The highest result is from SEC1G. For NAAQS 1-hr NO₂ impacts, the total concentration reflects the maximum 8th-highest 1-hour result combined with seasonal hour of day background data, both as averaged over 5 years to relate to the 98th percentile. The highest result is from SEC1G with operation restricted from 4:00 PM – 7:00 AM to demonstrate compliance with the 1-hour NO₂ NAAQS.

2. All X and Y coordinates and elevations refer to the coordinates of the receptor which experiences the maximum concentration.