MSA-Wide ClearPath Data Entry

ClearPath GHG Calculation Tool Used: https://clearpath.icleiusa.org/

 ${\it Calculation\ Methodology\ Used\ in\ ClearPath:\ https://icleiusa.org/us-community-protocol/}$

CELL COLOR KEY Enter Additional Data Needed Enter notes here

Enter corresponding input into ClearPath
Enter ClearPath emissions here
Enter ClearPath Biogenic emissions here
Dedeated due to date confidentiality.

GWP

Description	IPCC 5th Assessment 100	Year Values	Input	2022
When developing a new GHG inventory in ClearPath, select	GHG	GWP		
the Global Warming Potential reference under "Edit	CO ₂	1	GWP Selection	IPCC 5th Assessment Report 100-Year Values
Parameters". The IPCC AR 5th Assessment values used in the	CH ₄	28	GWI Selection	IFCC 5th Assessment Report 100-rear values
2022 inventory are noted to the right for reference.	N ₂ O	265		

FACTOR SETS Factor Set Type ClearPath Factor Set Notes Input PGE Base Plan Electricity Factor Set 2022 PGE Base Plan Electricity Factor Set 2022 PGE PCL CO2e emission factor for the Base Plan offering 2022 CO₂ lbs/MWh CH₄ lbs/GWh N₂O lbs/GWh Name PGE 100% Solar Choice Electricity Factor Set 2022 PGE PCL CO2e emission factor for the 100% Solar Choice offering Year PGE 100% Solar Choice Electricity Factor Set 2022 2022 CO₂ lbs/MWh CH₄ lbs/GWh N₂O lbs/GWh PGE GreenSaver Electricity Factor Set 2022 Name PGE GreenSaver Electricity Factor Set PGE PCL CO2e emission factor for the GreenSaver offering 2022 CO₂ lbs/MWh 2022 CH₄ lbs/GWh N₂O lbs/GWh Lodi Electric 2022 Market-based Electricity Facto Name Lodi Electric Market-based Electricity Lodi Electric PCL CO2e emission factor 2022 CO₂ lbs/MWh CH₄ lbs/GWh Factor Set 2022 N₂O lbs/GWh East Bay Community Energy/Ava Communit Energy -Bright Choice 2022 Market-base Name **Grid Electricity** East Bay Community Energy/Ava Community Energy Market-based East Bay Community Energy/Ava Community Energy - Bright Choice Year offering - PCL CO2e emission factor 2022 Electricity Factor Set 2022 - Bright CO₂ lbs/MWh Choice CH₄ lbs/GWh N₂O lbs/GWh East Bay Community Energy/Ava Commu Energy - Renewable 100 2022 Market-base East Bay Community Energy/Ava East Bay Community Energy/Ava Community Energy - Renewable 100 Electricity Factor Se Community Energy Market-based 2022 Electricity Factor Set 2022 - Renewable offering - PCL CO2e emission factor 2022 CO₂ lbs/MWh 100 CH₄ lbs/GWh N₂O lbs/GWh Lathrop Irrigation District 2022 Market-base Name Lathrop Irrigation District Market-based Year 2022 Lathrop Irrigation District PCL CO2e emission factor 2022 Electricity Factor Set 2022 CO₂ lbs/MWh 663 CH₄ lbs/GWh N₂O lbs/GWh 2022 Location-based Electricity Factor Se Year 2022 Location-based Electricity Factor Set EPA eGRID 2022 data - CAMX Subregion CO₂ lbs/MWh 497.4 2022 CH₄ lbs/GWh 30.000 N₂O lbs/GWh Default Community Waste Characterization Name Year 2022 Percentage Mixed MSW Percentage Newspap 0.3 Percentage Office Paper From the Cal Recycle 2021 Disposal Facility-based Characterization of Percentage Corrugated Cardboa 4.1 Waste Characterization 2022 Waste Characterization Factor Set Solid Waste in California Percentage Magazines / Third Cla Percentage Food Scraps 11.00 Percentage Grass Percentage Leaves Percentage Branches

INVENTORY						
RESIDENTIAL ENER	RGY					
ClearPath Calculator Name	Assigned Name	Notes	GPC Ref. #	Input	Unit	2022
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Residential Electricity - PGE			Factor Set- Grid Electricity	NA	PGE Base Plan Electricity Factor Set 202
Electricity (USCP Required)	Base Plan (Market-based)		1.1.2	Electricity Used	kWh	Confidential utility data
	,			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Residential Electricity - PGE 100% Solar Choice (Market-		1.1.2	Factor Set- Grid Electricity	NA	PGE 100% Solar Choice Electricity Factor Set 202
Electricity (USCP Required)	based)		1.1.2	Electricity Used	kWh	Confidential utility data
	Baseaj			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				'		
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Residential Electricity - PGE			Factor Set- Grid Electricity	NA	PGE GreenSaver Electricity Factor Set 202
Electricity (USCP Required)	GreenSaver (Market-based)		1.1.2	Electricity Used	kWh	Confidential utility data
	(,			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Residential Electricity - Lodi	NOTE: using total electricity use here as RECs are reflected in the PCL emissions	1.1.2	Factor Set- Grid Electricity	NA	Lodi Electric 2022 Market-based Electricity Factor
Electricity (USCP Required)	Electric (Market-based)	factor, so need to use total kWh, not	1.1.2	Total Electricity Used	kWh	Confidential utility data
		kWh without RECs		CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
	Residential Electricity - East					East Bay Community Energy/Ava Communit
Emissions from Grid	Bay Community Energy/Ava	Assuming Ava is 50% Res and 50%		Factor Set- Grid Electricity	NA	Energy -Bright Choice 2022 Market-base
Electricity (USCP Required)	Community Energy - BRIGHT	Commercial	1.1.2			Electricity Factor Se
	CHOICE (Market-based)			Total Electricity Used	kWh	Confidential utility data

Percentage Dimensional Lumber

	CHOICE (Market basea)			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
Emissions from Grid Electricity (USCP Required)	Residential Electricity - East Bay Community Energy/Ava Community Energy -	Energy/Ava Assuming Ava is 50% Res and 50%	1.1.2	Factor Set- Grid Electricity	NA	East Bay Community Energy/Ava Community Energy - Renewable 100 2022 Market-based Electricity Factor Set
Etectricity (OSCI Trequired)	RENEWABLE 100 (Market-	Commercial		Total Electricity Used	kWh	Confidential utility data
	based)			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Residential Electricity - Lathrop		1.1.2	Factor Set- Grid Electricity	NA	Lathrop Irrigation District 2022 Market-based Electricity Factor Set
Electricity (USCP Required)	Irrigation District (Market- based)		1.1.2	Total Electricity Used	kWh	Confidential utility data
	basedj			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
Emissions from Stationary				Fuel Type	NA	Natural Gas
Fuel Combustion (USCP	Residential Natural Gas		l.1.1	Fuel Use	Therms	Confidential utility data
Required)				CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab

COMMERCIAL ENERGY

ClearPath Calculator Name	Assigned Name	Notes	GPC Ref. #	Input	Unit	2022
				Electricity Used	kWh	Confidential utility data
		Subtracted EV and potable water		Factor Set-Grid Electricity	NA	PGE Base Plan Electricity Factor Set 2022
Emissions from Grid	Commercial Electricity - PGE	electricity use from total electricity use in	1.2.2	Total Electricity Used	kWh	Confidential utility data
Electricity (USCP Required)	Base Plan (Market-based)	Commercial sector.	1,2,2	CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab

						summed in the Results tab
				Electricity Used	kWh	
						Confidential utility data
Emissions from Grid	Commercial Electricity - PGE		122	Factor Set-Grid Electricity	NA	PGE 100% Solar Choice Electricity Factor Set 2022
Electricity (USCP Required)	100% Solar Choice (Market- based)		1.2.2	Total Electricity Used	kWh	
						Confidential utility data
				CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are
						summed in the Results tab
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Commercial Electricity - Lodi	NOTE: using total electricity use here as RECs are reflected in the PCL emissions	100	Factor Set-Grid Electricity	NA	Lodi Electric 2022 Market-based Electricity Factor Set
Electricity (USCP Required)	Electric (Market-based)	factor, so need to use total kWh, not	I.2.2	Total Electricity Used	kWh	Confidential utility data
		kWh without RECs		CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
				Etecuricity Oseu	KVVII	East Bay Community Energy/Ava Community
Emissions from Grid	Commercial Electricity - East Bay Community Energy/Ava	Assuming Ava is 50% Res and 50%	l.1.2	Factor Set- Grid Electricity	NA	Energy -Bright Choice 2022 Market-based Electricity Factor Set
Electricity (USCP Required)	Community Energy - BRIGHT CHOICE (Market-based)	Commercial		Total Electricity Used	kWh	Confidential utility data
	oriolog (market based)			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
	Commercial Electricity - East			Electricity Osed	KVVII	East Bay Community Energy/Ava Community
Emissions from Grid	Bay Community Energy/Ava Community Energy -	Assuming Ava is 50% Res and 50%	l.1.2	Factor Set- Grid Electricity	NA	Energy - Renewable 100 2022 Market-based Electricity Factor Set
Electricity (USCP Required)	RENEWABLE 100 (Market-	Commercial		Total Electricity Used	kWh	Confidential utility data
	based)			CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab
				Electricity Used	kWh	Confidential utility data
Emissions from Grid	Commercial Electricity - Lathrop Irrigation District (Market-		1.2.2	Factor Set-Grid Electricity	NA	Latiliop infigation District 2022 Market-baseu
Electricity (USCP Required)	based)			Total Electricity Used	kWh	Confidential utility data
				CO ₂ e (MT)	CO ₂ e (MT)	summed in the Results tab
Emissions from Stationary				Fuel Type	NA	Natural Gas
Fuel Combustion (USCP Required)	Commercial Natural Gas		I.2.1	Fuel Use	Therms	Confidential utility data
Required				CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are summed in the Results tab

INDUSTRIAL ENERGY

ClearPath Calculator Name		Notes	GPC Ref. #	Input	Unit	2022
ClearPath Calculator Name	Assigned Name	Notes	GPC Ret. #	·		
				Electricity Used	kWh	UNDER PGE NDA - REQUEST FROM PGE
Emissions from Grid	Industrial Electricity - PGE Base			Factor Set-Grid Electricity	NA	PGE Base Plan Electricity Factor Set 2022
Electricity (USCP Required)	Plan (Market-based)		1.3.2	Total Electricity Used	kWh	Confidential utility data
				CO - MT)	CO - (MT)	Confidential utility data - Total emissions are
				CO ₂ e (MT)	CO ₂ e (MT)	summed in the Results tab
				Electricity Used	kWh	Confidential utility data
		NOTE: using total electricity use here as		Factor Set-Grid Electricity	NA	Lodi Electric 2022 Market-based Electricity Factor
Emissions from Grid	Industrial Electricity - Lodi	RECs are reflected in the PCL emissions		ractor Set-Grid Electricity	INA	Set
Electricity (USCP Required)	Electric (Market-based)	factor, so need to use total kWh, not	1.3.2	Total Electricity Used	kWh	Confidential utility data
Electricity (OSCI Trequired)	Etectric (Market Basea)	kWh without RFCs		REC Purchases	kWh	-
		KVIII WALIGUE NEEDS		CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are
				CO ₂ e (IVIT)	CO ₂ e (IMT)	summed in the Results tab
				Electricity Used	kWh	Confidential utility data
				Factor Set-Grid Electricity	NA	Lathrop Irrigation District 2022 Market-based
Emissions from Grid	Industrial Electricity - Lathrop			ractor Set and Edecatory	TVA	Electricity Factor Set
Electricity (USCP Required)	Irrigation District (Market-		1.3.2	Total Electricity Used	kWh	Confidential utility data
Zecenticy (open required)	based)			REC Purchases	kWh	-
				CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are
				CO ₂ e (IVIT)	CO ₂ e (IMT)	summed in the Results tab

TRANSPORTATION

ClearPath Calculator Name	Assigned Name	Notes	GPC Ref. #	Input	Unit	2022
				Calculation Method	NA	Direct Entry
				VMT Location	NA	In-boundary
				Travel Type	NA	[Leave Blank]
				Type of VMT or Emissions Data	NA	In Boundary
				Type of Freight VMT or Emissions Data	NA	In-boundary from Travel Model
On Road Transportation	On-road: Personal Vehicles -	Included PHEV gasoline	II.1.1	Fuel Type	NA	Gasoline
(USCP Required)	Gasoline	3		VMT	Annual VMT	4,268,869,466
				Fuel Use	Gallons	[Leave Blank]
				Previously Calculated CO ₂	Metric tons	1,528,880
				Previously Calculated CH ₄	Metric tons	
				Previously Calculated N ₂ O	Metric tons	

## 150 Process South Process Vision (Inc.) **The Contract Contrac					CO ₂ e (MT)	CO ₂ e (MT)	
And Description Control Processing Control					Calculation Method	NA	
## Control Processed (1994) **Control Processed (1994) *		 					
10 10 10 10 10 10 10 10		 			Type of VMT or Emissions Data	NA	
March Marc				II 1 1			In-boundary from
	(USCP Required)	Diesel		11.1.1			
Second		 					
Company Comp		 					
Control Cont							
					Factor Set-Grid Electricity	NA	PGE Base Plan Electricity Fa
2-Plant Trougodotts		 			Factor Set- Transportation	NA	Placeholder 2023 Na
Street International Part		 	Harles and the second and the second				
10 10 10 10 10 10 10 10	On Board Transportation	On road Personal Vehicles			Travel Type	NA	
Second				II.1.1			In-boundary fron
Description of the control of the		 			Fuel Type		
Column C		 					
Control Transport control Control Transport Control Transpor		 					
To than 1 was come To the analysis To the					CO ₂ e (MT)		
Total Transcription		 					
Or Field Marganities December		 					In-houndary from
Month Mont				11.1.1	Fuel Type	NA	III-boundary from
Description	(USCP Required)	Trucks and Buses - Diesel					
Part		 				Metric tons	
Count Coun		 					
District							
District	1				Calculation Method	NA	
Company Comp		 			VMT Location	NA	
Decident Transportation Decident Modern Commenced Transportation Decident Modern Commenced Decident Transportation Decident Tran		 					
March Properties Protect Name Counting Protect	On Bearl Trees	On went Could			Type of Freight VMT or Emissions Data	NA	In-boundary fron
College				II.1.1			
Processor Continued Cont		 			Fuel Use	Gallons	
Co. Read Transcolation		 					
Col. Floral 1 Company Section Col. Floral 1 Company Section Col. Floral 1 Col. F		 					
Mill Location					CO ₂ e (MT)		
Delivery		 					
Part		 					
Mail Transportion Micro Mail		 					In-houndary from
March Marc				11.1.1		NA	III Boundary Holl
Prevent Contineer CD, Mark Love	(USCP Required)	Trucks and Buses - Diesel					
Processed Coloration No. Memoremore		 			Previously Calculated CO ₂	Metric tons	
Co. 847		 					
Mode Contact March Mar							
Transportation Commercial Processes Com					Calculation Method	NA	
Comment March Commental		 					
Company Comp		 				NA	
Mart	On Road Transportation	On-road: Medium Commercial					In-boundary from
Percentage Calculated CD; Martin loss				II.1.1	VMT	Annual VMT	
Percentage Calculated CNg Months tons		 					
Core MT Cope MT		 			Previously Calculated CH ₄	Metric tons	
Con Read Transportation (USCP Required) On Food Medium Commercial Tracks and Buses - Natural Gas On Feed Transportation (USCP Required) On Feed Medium Commercial Tracks and Buses - Natural Gas Tracks and Buses - Natural Gas On Feed Medium Commercial Tracks and Buses - Natural Gas On Feed Transportation (USCP Required) On Feed Medium Commercial Tracks and Buses - Electricity On Feed Transportation (USCP Required) On Feed Medium Commercial Tracks and Buses - Electricity On Feed Transportation (USCP Required) On Feed Medium Commercial Tracks and Buses - Electricity On Feed Transportation (USCP Required) On Feed Medium Commercial Tracks and Buses - Electricity On Feed Transportation (USCP Required) On Feed		 					
Marie Mar							
Don-road Transportation (USCP Required)		 					
On Road Transportation (USCP Required) On-road! Medium Commercial Trucks and Buses - Natural Gas In 1.1 Type of Freight VMT or Emissions Data NA NA In Is boundary. NA On Road Transportation (USCP Required) On-road! Medium Commercial Trucks and Buses - Electricity use is subtracted from the Commercial Sector to avoid double-counting. Electricity use is subtracted from the Commercial Sector to avoid double-counting. Electricity use is subtracted from the Commercial Sector to avoid double-counting. In 1.1 Factor Sect Grid Electricity NA POSE Base Plant Betricit Electricity and Sector Sector Transportation (USCP Required) NA POSE Base Plant Betricit Electricity and Sector Sector Transportation (USCP Required) NA POSE Base Plant Betricit Electricity and Sector Sector Transportation (USCP Required) NA POSE Base Plant Betricit Electricity and Sector Sector Transportation (USCP Required) NA NA POSE Base Plant Betricit Electricity and Sector Sector Transportation (USCP Required) NA		 			Travel Type	NA	
De-road Medium Commercial (USCP Required) De-road Medium Comme		 					In-boundary fron
Fact Use Personally Calculated CO ₂ Merric tons				II.1.1	Fuel Type	NA	iii boanaary iioii
Previously Calculated CQ, Merric tons	(USCP Required)	mucks and Buses - Natural Gas					
Previously Calculated NyO		 			Previously Calculated CO ₂	Metric tons	
CO_pe (MT) CO_pe (MT)		 					
On Road Transportation (USCP Required) On-road: Medium Commercial Trucks and Buses - Electricity On-road: Large Commercial Trucks and Buses - Diesel On-road: Large Commercial Trucks and Buses - Diesel III.1.1 Factor Set- Transportation (NA NA ITravel Type NA III.1.1 Factor Set- Transportation (NA NA ITravel Type NA III.1.1 Factor Set- Transportation (NA III.1.1 Factor Set Tra							
On Road Transportation (USCP Required) On-road: Medium Commercial Trucks and Buses - Electricity On-road: Medium Commercial Trucks and Buses - Electricity uses is subtracted from the Commercial Trucks and Buses - Electricity uses is subtracted from the Commercial Trucks and Buses - Electricity uses is subtracted from the Commercial Trucks and Buses - Electricity uses is subtracted from the Commercial Trucks and Buses - Electricity uses is subtracted from the Commercial Trucks and Buses - Electricity uses is subtracted from the Commercial Trucks and Buses - Electr	I	 			Factor Set-Grid Electricity	NA	PGE Base Plan Electricity F
On Road Transportation (USCP Required) On-road: Medium Commercial Sector to avoid double-counting. III.1.1 III.1.1 On-road: Medium Commercial Sector to avoid double-counting. III.1.1 III.1 III.1.1 III.1.1 III.1.1 III.1.1 III.1 III.1 III.1 II		 					Placeholder 2023 Na
On-Road Transportation (USCP Required) On-road: Medium Commercial Trucks and Buses - Electricity On-Road Transportation (USCP Required) On-Road Transportation (USCP Required) On-Road Transportation (USCP Required) On-road: Large Commercial Trucks and Buses - Diesel On-road: Large Commercial		 					
(USCP Required) Trucks and Buses - Electricity Commercial sector to avoid double counting. III.1 Type of Freight VMT or Emissions Data NA In-boundary	On Road Transportation	On-road: Medium Commorci-I					
Fuel Type				II.1.1	Type of Freight VMT or Emissions Data	NA	In-boundary fron
VMT		 	- Surraing.				
CO2e (MT)		 			VMT	Annual VMT	
On Road Transportation (USCP Required) On-road: Large Commercial Trucks and Buses - Diesel Trucks and Buses - Diesel II.1.1 On-road: Large Commercial Trucks and Buses - Diesel III.1.1 On-road: Large Commercial Trucks and Buses - Diesel III.1.1 On-road: Large Commercial Trucks and Buses - Diesel III.1.1 On-road: Large Commercial Trucks and Buses - Diesel III.1.1 On-road: Large Commercial Trucks and Buses - Diesel III.1.1 On-road: Large Commercial Truck and Buses - Diesel III.1.1 On-road: Large Commercial Truck and Buses - Diesel III.1.1 On-road: Large Commercial Truck and Buses - Diesel III.1.1 On-road: Large Commercial Truck and Buses - Diesel III.1.1 On-road: Large Commercial Truck Type NA On-road: Large Commercial NA In-boundary: VMT Annual VMT Fuel Use Gallons Previously Calculated CO ₂ Metric tons Previously Calculated CO ₂ Metric tons OCO ₂ e (MT) CO ₂ e (MT) Calculation Method NA VMT Location NA Travel Type		 					
On-road: Large Commercial Trucks and Buses - Diesel On-road: Large Commercial Trucks and Buses - Diesel III.11 Fuel Type NA In-boundary: On-road: Large Commercial Trucks and Buses - Diesel III.11 Fuel Use In-boundary: In-bo				I			
On-road: Large Commercial Trucks and Buses - Diesel On-road: Large Commercial Trucks and Buses - Diesel II.1.1 Trucks and Buses - Diesel III.1.1 Truck Type NA III.1.1 Trucks and Buses - Diesel III.1.1 Trucks and Buses - Diesel III.1.1 Trucks and Buses - Diesel III.1.1 Truck Type NA Trucks and Buses - Diesel III.1.1 Truck Type NA NA III.1.1 Trucks and Buses - Diesel III.1.1 Trucks and Buses - Diesel III.1.1 Trucks and Buses - Diesel III.1.1 Truck Type NA NA III.1.1 Trucks and Buses - Diesel III.1.1 Truck Type NA NA NA NA NA III.1.1 Trucks and Buses - Diesel Trucks and		-					
On Road Transportation (USCP Required) On-road: Large Commercial Trucks and Buses - Diesel II.1.1 Type of Freight VMT or Emissions Data NA In-boundary: Fuel Type NA VMT Fuel Use Gallons Previously Calculated CO ₂ Metric tons Previously Calculated CH ₄ Metric tons CO ₂ e (MT) CO ₂ e (MT) Calculation Method NA VMT Location NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of Freight VMT or Emissions Data NA In-boundary: Type of VMT or Emissions Data NA		 			Travel Type	NA	
On-road: Large Commercial Trucks and Buses - Diesel On-road: Large Commercial Trucks and Buses - Diesel II.1.1 Fuel Type NA Annual VMT Fuel Use Gallons Previously Calculated CO ₂ Metric tons Previously Calculated CH ₄ Metric tons CO ₂ e (MT) CO ₂ e (MT) CO ₂ e (MT) Color (MT) Color (MT) Calculation Method NA VMT Location NA Travel Type NA Type of VMT or Emissions Data NA		 					In-houndary free
(USCP Required) Trucks and Buses - Diesel Trucks and Buses - Diesel WMT Fuel Use Gallons Previously Calculated CO ₂ Metric tons Previously Calculated CH ₄ Metric tons CO ₂ e (MT) CO ₂ e (MT) Calculation Method NA VMT Location NA Travel Type NA Type of VMT or Emissions Data NA				II.1 1	Fuel Type	NA	in-boundary from
Previously Calculated CO₂ Metric tons Previously Calculated CH₄ Metric tons Previously Calculated N₂O Metric tons CO₂e (MT) CO₂e (MT) Calculation Method NA VMT Location NA Travel Type NA Type of VMT or Emissions Data NA				11.2.2			
Previously Calculated N2O Metric tons CO2e (MT) CO2e (MT) Calculation Method NA VMT Location NA Travel Type NA Type of VMT or Emissions Data NA				1	Previously Calculated CO ₂	Metric tons	
CO ₂ e (MT)					Previously Calculated CH ₄		
VMT Location NA Travel Type NA Type of VMT or Emissions Data NA						Metric tons	
VMT Location NA Travel Type NA Type of VMT or Emissions Data NA					Previously Calculated N ₂ O		
Type of VMT or Emissions Data NA					Previously Calculated N ₂ O CO ₂ e (MT)	CO ₂ e (MT)	
					Previously Calculated N ₂ O CO ₂ e (MT) Calculation Method VMT Location	CO ₂ e (MT) NA NA	
Type of Freight VMT or Emissions Data NA In-boundary					Previously Calculated N_2O CO_2e (MT) Calculation Method VMT Location Travel Type	CO ₂ e (MT) NA NA NA NA	
risportation On-road: Large Commercial equired) Trucks and Buses - Gasoline Trucks - Gasoline Tr					Previously Calculated N_2O CO_2e (MT) Calculation Method	CO ₂ e (MT)	

March Marc					Fuel Use Previously Calculated CO ₂	Gallons Metric tons	[Leave Blank]
A							
************************************					CO ₂ e (MT)	CO ₂ e (MT)	4,416
## 100 100							*
### PROPERTY OF THE PROPERTY O							-
### 1500 Household (1)							
## 1800	· ·			II.1.1	Fuel Type	NA	[Leave Blank]
Company Comp	(USCP Required)	Trucks and Buses - Natural Gas					
Manufacture							3,786
Second Companies					Previously Calculated N ₂ O	Metric tons	
					CO ₂ e (MT)	CO ₂ e (MT)	3,786
Description Control of Contro					Calculation Method	NA	Fuel Use
State Stat			Electricity use is subtracted from the				
No. 99 Section Secti			· ·	II.1.1			<u> </u>
March Marc	(OSCI Nequired)	Trucks and buses - Electricity	counting.			NA	
March Marc							
Part					Fuel Use	kWh	85,789
Substitution Subs					CO₂e (MT)	CO ₂ e (MT)	2
## 1						NA	Yes
Section 1975 Sect			under San Joaquin Regional Rail		Location		
### Commonition							
Security	· · · · · · · · · · · · · · · · · · ·	I -		II.2.1	Previously Calculated CO2		0
Part 1997	necommended)	Dieset	calculator for diesel train with CARB				
Company of the comp			gallons (507,980 gal); resulting CH4 and		CO. 44T	00 4:-	
Part					CO ₂ e (MT)	CO ₂ e (MT)	46
### PATE PROPERTY AND STAND ### PATE PATE PROPERTY AND STAND ### PATE PATE PATE PATE PATE PATE PATE PATE			CO20 amissions (all CO2 amissions from				
Martin Front Martin Format Albert Part Martin Format						NA	Yes
Part					Location		
March Process Proces							
Product Prod		Freight Rail - Diesel		II.2.1	Fuel Type	NA	
Marie Mari							32,530.86
Marie Totals Biddle					-		
Control of Control o							
Marin Transport control Part					Were emissions calculated externally from	l	
Martinate Mart					ClearPath?		
Mail Florence Mail Florenc							
Biological Bio		Water Transport - Freight		II.2.1			
Processor Contact State 150	Recommended)				Fuel Quantity		277,878
Co. 401 Co. 407 Co.							2,832
Water Processor for Officer Water Processor of Annual Information (1976) Water Processor of Annual Information (1							2.832
Marie Transportation (ASC) Water Transpor							
Mark Transport Previous from Off-road Venedo BRCP No.					ClearPath?		
Water Interportation (UI)CP Recommended Water Interport Passenger							
Fire Content	Water Transportation (USCP	W T		W2.1	Local Attribution		100
Province Color MT	Recommended)	Water Transport - Passenger		11.2.1			
Protector Continued (PACO)							26,697
Ariodion Travel (USCP Percommended					Previously Calculated N2O	MT	0
Arididan Travel (JSCP Recommended Aridina Travel (JSCP Recommended Recommend					CO ₂ e (MT)	CO ₂ e (MT)	26,697
Audation Travel (LIGCP Becommended) Avaisinn Travel						NA	Yes
Aviation Travel (ISCP Recommended)					Aviation Type		Between Jurisdictions
Avidation Travel (LiGLP Recommended)	Aviation Tree Lauces						100
Price class (202 MT		Aviation Travel		II.2.1	Fuel Type		NA
Provide Special Calculated N20					Previously Calculated CO2	MT	
Cope MT Cope MT 12,608							0
Clear/ath7						CO ₂ e (MT)	12,608
Emissions from Off-road Vehicles (USCP Recommended)						NA	Voc
Sector NA							
Previously Calculated CO2 Metric tons 180,860,30	,	Off-road: Agricultural		l.2.1			Agricultural
Emissions from Off-road Vehicles (USCP Recommended)							
Emissions from Off-road Vehicles (USCP Recommended) Emissions from Off-road Vehicles (USCP Recommended)		I			_ =z= v ·· /	- =z= v==1	100,000
Emissions from Off-road Vehicles (USCP Recommended)						NA	Yes
Recommended) Emissions from Off-road Vehicles (USCP Recommended) Emissions from Off		Off-road: Construction		l.2.1		NA	Construction
Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad Off-road: Rai							106 510 24
Emissions from Off-road Vehicles (USCP Recommended) Off-road: Large Utility Definition off-road Vehicles (USCP Recommended) Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad Off-ro							
Emissions from Off-road Vehicles (USCP Recommended) Off-road: Large Utility Definition off-road Vehicles (USCP Recommended) Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad Off-ro					Were emissions calculated externally from		
Vehicles (USCP Recommended) Off-road: Large Utility Recommended) Off-road: Large Utility Recommended) Off-road: Large Utility Recommended) Off-road: Railroad	Emissions from Off-road						
Previously Calculated CO ₂ Metric tons 123,842.01 CO ₂ e (MT) 123,842 Were emissions calculated externally from ClearPath? Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad Off-ro	Vehicles (USCP	Off-road: Large Utility		I.3.1			Large Utility
Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad Off-road: Rai	Recommended)				Previously Calculated CO ₂	Metric tons	
Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad Off-road: Rai					CO ₂ e (MT)	CO ₂ e (MT)	123,842
Emissions from Off-road Vehicles (USCP Recommended) Off-road: Railroad II.5.1 Equipment Type NA Transportation Facilities Previously Calculated CO ₂ Metric tons CO ₂ e (MT) CO ₂ e (MT) Off-road: Railroad Off-road: Ra						NA	Yes
Vehicles (USCP Recommended) Off-road: Railroad NA Transportation Facilities Previously Calculated CO ₂ Metric tons CO ₂ e (MT) CO ₂ e (MT) Were emissions calculated externally from ClearPath? NA Yes ClearPath? Emissions from Off-road							
Previously Calculated CO ₂ Metric tons 6,545.13 CO ₂ e (MT) CO ₂ e (MT) 6,545.1 Were emissions calculated externally from ClearPath? NA Yes ClearPath? NA Small Hilble S		Off-road: Railroad		II.5.1	Sector	NA	Transportation Facilities
Were emissions calculated externally from ClearPath? Emissions from Off-road NA Yes ClearPath? NA Small Hilbit	,						
Emissions from Off-road ClearPath? Fouriement Type NA Yes ClearPath? NA Yes		<u> </u>					0,545.1
Equipment Type INA Small Htility	Emissions from Off				,		Yes
		Off-road: Small I Hility		II 5 1		NA	Small Utility

Recommended)	On road. Small States		11.5.1	Sector Previously Calculated CO ₂ CO ₂ e (MT)	Metric tons CO ₂ e (MT)	#F
				Were emissions calculated externally from ClearPath?	NA	
Emissions from Off-road Vehicles (USCP	Off-road: Snowmobiles and Recreational		II.5.1	Equipment Type Sector	NA NA	Small Ut
Recommended)				Previously Calculated CO ₂ CO ₂ e (MT)	Metric tons CO ₂ e (MT)	1,45 1,45
OLID WASTE						
ClearPath Calculator Name	Assigned Name	Notes	GPC Ref. #	Input Were emissions calculated externally from	Unit	2022
				ClearPath? Calculate emissions using tonnage or per		_
1511 1111 111000		Includes Foothill Sanitary Landfill, North		capita waste generation defaults?		Toni
Landfilled Waste (USCP Required, Preferred, where applicable)	Landfilled Waste	County Recycling Center and Sanitary Landfill, and Forward Landfill. Landfill moisture content from City of Stockton	VI.1	Total Waste Generated	short tons	1,441
аррисавсе		2019 inventory.		Landfill Methane Collection Scenario Landfill Moisture Content		California Regula
				Waste Type of Calculate Emissions For		
				Disposal Location CO ₂ e (MT)	CO ₂ e (MT)	Inside Jurisdie 176,0
		Includes Forward, Foothill, North County Landfill waste flaring.		Landfill Gas Flared Fraction of CH4 in Landfill Gas	Cubic Feet / Day	4,841 0.5 (def
Emissions from Flaring of Landfill Gas	Flaring of Landfill Gas	Landiit Waste Italiiig.	III.2.1, III.2.2	Destruction Efficiency Landfill Location	Decimal Decimal NA	0.9 (def
				CO ₂ e (MT)	CO ₂ e (MT)	4,1
		Includes Forward Landfill gas combustion.		What data do you have? Landfill Gas Combustion	NA Cubic Feet / Day	Heat Con 1,838,
Emissions from the	Combustion of Landfill Gas for		III.2.1, III.2.2	Heat Content Is Energy Recovered from Combustion?	NA	500 (defa
Combustion of Landfill Gas	Electricity Sent to Grid			Landfill Location CO ₂ e (MT)	NA CO ₂ e (MT)	Inside Jurisdic
				Biogenic CO ₂ e (MT)	Biogenic CO ₂ e (MT)	17,4
		Includes Foothill Landfill gas combustion.		What data do you have? Landfill Gas Combustion	NA Cubic Feet / Day	Heat Con 2,060,
Emissions from the Combustion of Landfill Gas	Combustion of Landfill Gas for Electricity Used on Site		III.2.1, III.2.2	Heat Content Is Energy Recovered from Combustion?	NA	500 (defa Yes-used on
	,			Landfill Location CO ₂ e (MT)	NA CO ₂ e (MT)	Inside Jurisdic 96
				Biogenic CO ₂ e (MT)	Biogenic CO ₂ e (MT)	19,5
Biologic Treatment of Solid Waste (Composting)	Composted Waste		III.2.1, III.2.2	Quantity of Waste Composted Waste Type Disposal Location	Short tons NA NA	86, Biowa
waste (composting)				CO ₂ e (MT)	CO ₂ e (MT)	Generated and Disposed in Bound 15,3
WATER AND WAS	STEWATER					
ClearPath Calculator Name	Assigned Name	Notes	GPC Ref. #	Input Were emissions calculated externally from	Unit	2022
				ClearPath? Nitrification/Denitrification as a step in the	NA	
Process N ₂ O Emissions from Wastewater Treatment	Wastewater Treatment Emissions - Manteca	Manteca Wastewater Quality Control	III.4.1	treatment process? Population Served	People	87,
(USCP Recommended)	Wastewater Quality Control Facility	Facility		Industrial Commercial Discharge Multiplier Wastewater Generation and Treatment		:
				Location CO ₂ e (MT)	NA CO ₂ e (MT)	Generated and Treated in Bound 201.
				Were emissions calculated externally from		
				ClearPath? Do You have daily N load data from your	NA	
Process N ₂ O from Effluent Discharge to River, Ocean, or	Effluent Emissions (Daily N Load data available) - Manteca	Manteca Wastewater Quality Control		effluent discharge? Daily N Load	NA kg N/day	17
Deep Well Injection (USCP Recommended, where	Wastewater Quality Control Facility	Facility Facility	III.4.1	Population Served Is your effluent discharged to a river or	People	87,
applicable)				stream, or directly into the ocean? Wastewater Generation and Treatment Location	NA NA	Generated and Treated in Bound
				CO ₂ e (MT)	CO ₂ e (MT)	92.6
				Calculation Type Population Served	NA People	Population Ba
Emissions from the Combustion of Digester Gas USCP Recommended, where	Digester Gas Combustion - Manteca Wastewater Quality	Manteca Wastewater Quality Control	III.4.2	Is Energy Recovered from Combustion? Wastewater Generation and Treatment	NA .	Yes-used on
applicable)	Control Facility	Facility		Location CO ₂ e (MT)	NA CO ₂ e (MT)	Generated and Treated in Bound
				Biogenic CO ₂ (MT)	Biogenic CO ₂ (MT)	110
CO ₂ Emissions from the Use		Mantaca Wastowater Quality Control		Were emissions calculated externally from ClearPath? Daily Methanol Load	NA Metric Tons CH ₃ OH/day	
of Fossil Fuel Derived Methanol (USCP	Methanol Use - Manteca Wastewater Quality Control	Manteca Wastewater Quality Control Facility (aerobic was not a choice and solids are not combusted, so selected	III.4.2	Wastewater Plant Treatment Type Population Served	NA People	Raw Solids Dispo
Recommended, where applicable)	Facility	raw solids disposal)		Wastewater Generation and Treatment Location	NA	Generated and Treated in Bound
				CO ₂ e (MT)	CO ₂ e (MT)	3,60
				Were emissions calculated externally from ClearPath? Nitrification/Denitrification as a step in the	NA	
				treatment process? Population Served	People	322,
	Wastewater Treatment	Stockton Regional Wastewater Control		·	r copic	322
Process N ₂ O Emissions from Wastewater Treatment (USCP Recommended)	Wastewater Treatment Emissions - Stockton Regional Wastewater Control Facility	Stockton Regional Wastewater Control Facility	III.4.1	Industrial Commercial Discharge Multiplier		
Wastewater Treatment	Emissions - Stockton Regional	-	III.4.1	Wastewater Generation and Treatment Location	NA	Generated and Treated in Boun
Wastewater Treatment	Emissions - Stockton Regional	-	III.4.1	Wastewater Generation and Treatment Location $\label{eq:co2} \text{CO}_2\text{e (MT)}$	NA CO₂e (MT)	Generated and Treated in Bound
Wastewater Treatment	Emissions - Stockton Regional	-	III.4.1	$\label{eq:wastewater} Wastewater Generation and Treatment \\ Location \\ CO_2e \ (MT) \\ \\ Were emissions calculated externally from \\ ClearPath?$		Generated and Treated in Boun
Wastewater Treatment (USCP Recommended)	Emissions - Stockton Regional Wastewater Control Facility	Facility	III.4.1	Wastewater Generation and Treatment Location $CO_2e\ (\text{MT})$ Were emissions calculated externally from	CO ₂ e (MT)	Generated and Treated in Boun
(USCP Recommended) Process N ₂ O from Effluent Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where	Emissions - Stockton Regional Wastewater Control Facility Effluent Emissions (Daily N Load data available) - Stockton Regional Wastewater Control	-	III.4.1 III.4.1	Wastewater Generation and Treatment Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Daily N Load Population Served Is your effluent discharged to a river or	CO ₂ e (MT) NA NA	Generated and Treated in Bound 341.
Wastewater Treatment (USCP Recommended) Process N ₂ O from Effluent Discharge to River, Ocean, or Deep Well Injection (USCP	Emissions - Stockton Regional Wastewater Control Facility Effluent Emissions (Daily N Load data available) - Stockton	Facility Stockton Regional Wastewater Control		Wastewater Generation and Treatment Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Daily N Load Population Served Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment	CO ₂ e (MT) NA NA kg N/day People NA	Generated and Treated in Bound 341. 1 322.
Wastewater Treatment (USCP Recommended) Process N ₂ O from Effluent Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where	Emissions - Stockton Regional Wastewater Control Facility Effluent Emissions (Daily N Load data available) - Stockton Regional Wastewater Control	Facility Stockton Regional Wastewater Control		Wastewater Generation and Treatment Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Daily N Load Population Served Is your effluent discharged to a river or stream, or directly into the ocean?	CO ₂ e (MT) NA NA kg N/day People	Generated and Treated in Bound 341.

Yes Generated and Treated	NA NA	Is Energy Recovered from Combustion? Wastewater Generation and Treatment Location	III.4.2	Stockton Regional Wastewater Control Facility	Digester Gas Combustion - Stockton Regional Wastewater Control Facility	Combustion of Digester Gas (USCP Recommended, where
	CO ₂ e (MT)	CO ₂ e (MT)				applicable)
	Biogenic CO ₂ (MT)	Biogenic CO ₂ (MT)				
	NA	Were emissions calculated externally from ClearPath?				
		Nitrification/Denitrification as a step in the				
	People	treatment process? Population Served	III.4.1	White Slough Water Pollution Control	Wastewater Treatment	Process N ₂ O Emissions from
		Industrial Commercial Discharge Multiplier	111.4.1	Facility	Emissions - White Slough Water Pollution Control Facility	Wastewater Treatment (USCP Recommended)
Generated and Treated		Wastewater Generation and Treatment				
Scherated and medical	NA CO ₂ e (MT)	Location CO ₂ e (MT)				
		Were emissions calculated externally from				
	NA	ClearPath?				
	NA	Do You have daily N load data from your effluent discharge?				
	People	Population Served				
	NA	Industrial Commercial Discharge Multiplier			Effluent Emissions (Daily N	Process N ₂ O from Effluent Discharge to River, Ocean, or
	NA	Is your facility predominantly an Aerobic or Anaerobic system?	III.4.1	White Slough Water Pollution Control Facility	Load data not available) - White Slough Water Pollution	Deep Well Injection (USCP
		Does your facility employ			Control Facility	Recommended, where applicable)
	NA	Nitrification/Denitrification? Is your effluent discharged to a river or				
	NA	stream, or directly into the ocean? Wastewater Generation and Treatment				
Generated and Treated	NA	Location				
	CO ₂ e (MT)	CO ₂ e (MT)				
Рори	NA	Site Specific or Population Based Approach?				
	People	Population Served			Digester Gas Flaring - White	Emissions from the Flaring of
	Decimal Decimal	Fraction of CH4 in Digester Gas Destruction Efficiency	III.4.2	White Slough Water Pollution Control Facility	Slough Water Pollution Control	Digester Gas (USCP Recommended, where
Generated and Treated		Wastewater Generation and Treatment			Facility	applicable)
	NA CO ₂ e (MT)	Location CO ₂ e (MT)				
		Were emissions calculated externally from			I	
	NA	ClearPath?				
	NA	Nitrification/Denitrification as a step in the treatment process?		City of Escalon Wastewater Treatment	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	December 1
	People	Population Served	III.4.1	Facility. No data provided. Assumed the	Wastewater Treatment Emissions - City of Escalon	$ Process \ N_2O \ Emissions \ from \\ Wastewater \ Treatment $
	NA	Industrial Commercial Discharge Multiplier		Regional Wastewater Control Facility.	Wastewater Treatment Facility	(USCP Recommended)
Generated and Treated	NA	Wastewater Generation and Treatment Location				
	CO ₂ e (MT)	CO ₂ e (MT)				
		Were emissions calculated externally from				
	NA	ClearPath? Do You have daily N load data from your				
	NA People	effluent discharge? Population Served				
						Process N₂O from Effluent
	NA	Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or		City of Escalon Wastewater Treatment Facility. No data provided. Assumed the same characteristics as Stockton	Effluent Emissions (Daily N Load data not available) - City of Escalon Wastewater Treatment Facility	ischarge to River, Ocean, or
	NA	Anaerobic system?	III.4.1			Deep Well Injection (USCP Recommended, where
	NA	Does your facility employ Nitrification/Denitrification?		Regional Wastewater Control Facility.	Treatment Facility	applicable)
	NA	Is your effluent discharged to a river or stream, or directly into the ocean?				
Generated and Treated	NIA	Wastewater Generation and Treatment Location				
	NA CO ₂ e (MT)	CO ₂ e (MT)				
Рори	NA	Calculation Type				
Yes-	People NA	Population Served Is Energy Recovered from Combustion?		City of Escalon Wastewater Treatment	Digester Gas Combustion - City	Emissions from the
Generated and Treated		Wastewater Generation and Treatment	III.4.2	Facility. No data provided. Assumed the same characteristics as Stockton	of Escalon Wastewater	Combustion of Digester Gas (USCP Recommended, where
Scherated and medical	NA CO ₂ e (MT)	Location CO ₂ e (MT)		Regional Wastewater Control Facility.	Treatment Facility	applicable)
	Biogenic CO ₂ (MT)	Biogenic CO ₂ (MT)				
		Were emissions calculated externally from				
	NA	ClearPath? Nitrification/Denitrification as a step in the		Lathrop Consolidated Treatment Facility.		
	Popula	treatment process?		No data provided. Confirmed plant uses nitrification/denitrification. Other	Wastewater Treatment	Process N ₂ O Emissions from
	People	Population Served	III.4.1	characteristics assumed to be the same	Emissions - Lathrop Consolidated Treatment Facility	Wastewater Treatment (USCP Recommended)
	NA	Industrial Commercial Discharge Multiplier Wastewater Generation and Treatment		as Stockton Regional Wastewater Control Facility.	25/150000000 Treatment Facility	(555) Necommended)
	NA CO - (MT)	Location		,		
Generated and Treated		CO ₂ e (MT)			<u> </u>	
Generated and Treated	CO₂e (MT)					
Generated and Treated	NA	Were emissions calculated externally from ClearPath?				
Generated and Treated	NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your				
Generated and Treated		Were emissions calculated externally from ClearPath?				
Generated and Treated	NA NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served		Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses	Effluent Emissions (Daily N	Process N ₂ O from Effluent
Generated and Treated	NA People NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or	III.4.1	No data provided. Confirmed plant uses nitrification/denitrification. Other	Effluent Emissions (Daily N Load data not available) -	Process N_2O from Effluent Discharge to River, Ocean, or Deep Well Injection (USCP
Generated and Treated	NA NA People	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier	III.4.1	No data provided. Confirmed plant uses		Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where
Generated and Treated	NA People NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification?	III. 4. 1	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same	Load data not available) - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP
Generated and Treated	NA People NA NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean?	III.4.1	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater	Load data not available) - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where
Generated and Treated Generated and Treated	NA People NA NA NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or	III.4.1	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater	Load data not available) - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where
	NA People NA NA NA NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment	III.4.1	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater	Load data not available) - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where
	NA NA People NA NA NA NA NA CO ₂ e (MT)	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT)	III.4.1	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility.	Load data not available) - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where
Generated and Treated	NA NA People NA NA NA NA NA CO ₂ e (MT)	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT)	III.4.1	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility. Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses	Load data not available) - Lathrop Consolidated Treatment Facility Digester Gas Combustion -	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where applicable) Emissions from the
Generated and Treated	NA NA People NA NA NA NA NA NA NA NA NA People NA NA NA NA NA NA NA NA NA N	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT) Calculation Type Population Served Is Energy Recovered from Combustion? Wastewater Generation and Treatment	III.4.1 III.4.2	No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility. Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same	Load data not available) - Lathrop Consolidated Treatment Facility Digester Gas Combustion - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where applicable)
Generated and Treated Popu Yes-	NA NA People NA CO ₂ e (MT) NA People NA NA CO ₂ e (MT)	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT) Calculation Type Population Served Is Energy Recovered from Combustion? Wastewater Generation and Treatment Location CO ₂ e (MT)		No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility. Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater	Load data not available) - Lathrop Consolidated Treatment Facility Digester Gas Combustion -	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where applicable) Emissions from the Combustion of Digester Gas
Generated and Treated Popu Yes-	NA NA People NA NA NA NA NA NA NA NA People NA NA People NA NA	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT) Calculation Type Population Served Is Energy Recovered from Combustion? Wastewater Generation and Treatment Location		No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility. Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same	Load data not available) - Lathrop Consolidated Treatment Facility Digester Gas Combustion - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where applicable) Emissions from the Combustion of Digester Gas (USCP Recommended, where
Generated and Treated Popu Yes-	NA NA People NA NA NA NA NA NA NA NA CO ₂ e (MT) NA People NA NA CO ₂ e (MT) Biogenic CO ₂ (MT)	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT) Calculation Type Population Served Is Energy Recovered from Combustion? Wastewater Generation and Treatment Location CO ₂ e (MT) Biogenic CO ₂ (MT) Were emissions calculated externally from		No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility. Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater	Load data not available) - Lathrop Consolidated Treatment Facility Digester Gas Combustion - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where applicable) Emissions from the Combustion of Digester Gas (USCP Recommended, where
Generated and Treated Popu Yes-	NA NA People NA CO ₂ e (MT) NA People NA NA CO ₂ e (MT)	Were emissions calculated externally from ClearPath? Do You have daily N load data from your effluent discharge? Population Served Industrial Commercial Discharge Multiplier Is your facility predominantly an Aerobic or Anaerobic system? Does your facility employ Nitrification/Denitrification? Is your effluent discharged to a river or stream, or directly into the ocean? Wastewater Generation and Treatment Location CO ₂ e (MT) Calculation Type Population Served Is Energy Recovered from Combustion? Wastewater Generation and Treatment Location CO ₂ e (MT) Biogenic CO ₂ (MT) Were emissions calculated externally from ClearPath? Nitrification/Denitrification as a step in the		No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility. Lathrop Consolidated Treatment Facility. No data provided. Confirmed plant uses nitrification/denitrification. Other characteristics assumed to be the same as Stockton Regional Wastewater Control Facility.	Load data not available) - Lathrop Consolidated Treatment Facility Digester Gas Combustion - Lathrop Consolidated	Discharge to River, Ocean, or Deep Well Injection (USCP Recommended, where applicable) Emissions from the Combustion of Digester Gas (USCP Recommended, where
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Comparison of Emissions From Crop Agriculture (USCP optional) Agricultural Soil Emissions - Plants, Residues & Legumes Plants, Residues & Legumes Plants, Fertilizer Pl	Natural Gas WcPL, Sc.	Subpart Speek Seek	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name	Potable Water Supply Emissions Septic Systems Emissions	Joaquin County Notes	III.4.2	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms	1,03 1,03 1,03 Population Bas Leave Bla 103,7 12,60
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Other Process and Fugitive Emissions Other Process and Fugitive Emissions Other Process Emissions Emissions Ovens-Brockway Class Container Inc. Process Emissions in Tracy N.1 Data Source NA EPA Mandatory Repo And Process or product uses Co.p.e (MT) Co.p.e	Other Process and Fugitive Emissions Other Process and Fugitive Emissions Overns-Brockway Glass Container Inc. Process Emissions in Tracy M.1 Data Source NA Metric tons Oze (MT) Overns-Brockway Glass Container Inc. Process Emissions in Tracy NA Process Container Inc. Process Emissions in Tracy Assigned Mame Notes OPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legumes Agricultural Soil Emissions Parts, Residues & Legumes Plants, Residues & Legumes Plants, Residues & Legumes Emissions from Crop Agriculture (USCP optional) Agricultural Soil Emissions Plants, Residues & Legumes Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Subpart N - Glass Product Assigned Mame Notes OPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legumes NA Metric Tons CO ₂ Equival Acres (Required) NA Agricultural Fools (Activity) NA Pertilizer Applicative (USCP optional) Agricultural Soil Emissions Plants, Residues & Legumes Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Metric Tons CO ₂ e (MT) Co ₂ e (MT) Co ₃ e (MT) NA Pertilizer Applicative (USCP optional) Metric Tons CO ₂ e (MT) NA Residues Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Process/Activity NA Residues Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Cop Agricultural Process/Activity NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Cop Agricultural Process/Activity NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Cop Agricultural Process/Activity NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Metric Tons CO ₂ e (MT) Subpart N - Glass Product Acres (Required) NA Me	Other Process and Fugitive Emissions Other Process and Fugitive Emissions Overns-Brockway Glass Container Inc. Process Emissions in Tracy N.1 Data Source NA Residues from a process or producture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Agricultura Soll Emissions Pagricultura Soll Emissions Plants, Residues & Legumes Plants, Residues & Legumes Plants, Fertilizer Pagricultura Soll Emissions Plants, Fertilizer Pagricultura Soll Emissions Plants, Fertilizer Penson Cop Agricultura Soll Emissions Plants, Fertilizer Penson Cop Emissions Plants, Fertilizer Pagricultura Processi Activity NA Pertilizer Cop Cop Emissions Processi Activity NA Pertilizer Cop Cop Emissions Processi Activity NA Pertilizer Cop Cop Emissions Penson Cop E	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution	Septic Systems Emissions Septic Systems Emissions EVE EMISSIONS Assigned Name	Joaquin County Notes Used default values for natural gas	III.4.2 GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3	1,03 1,03 1,03 1 Population Bas Leave Bla 103,73 12,60 2022
Other Process and Fugitive Emissions Other Process Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes OFC Ref. # Input Organization Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Marker Tons CO ₂ Equivalent or Marker Tons CO ₃ Equivalent or Marker Tons CO ₄ Equivalent Organization Process/Activity Agricultural Soil Emissions Paints, Fertilizer Paints, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Agricultural Process/Activity NA Results from ICLEI Ag Scaling Tool V.3 Agricultural Process/Activity NA Are Columbia Tons CO ₄ Equivalent Tons CO ₄ Equiva	Other Process and Fugitive Emissions Other Process Emissions in Tracy Other Process Emissions in Tracy Oversidance Inc. Process Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity Plants, Residues & Legumes Plants, Residues & Legumes Emissions from Crop Agricultural Soil Emissions - Plants, Fertilizer Process/Activity NA Fertilizer Applications of Medici Tons CO ₂ e (MT) Seguitation of Co ₂ e (MT) Segu	Other Process and Fugitive Emissions Other Process Emissions in Tracy Other Process Emissions in Tracy Overal-Brockway Glass Cordinater Inc. Process Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes Or CP Ref. # Input Unit Or Agricultural Frocess/Activity Plants, Residues & Legume Plants, Residues & Legumes Plants, Fertilizer	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution	Septic Systems Emissions Septic Systems Emissions EVE EMISSIONS Assigned Name	Joaquin County Notes Used default values for natural gas	III.4.2 GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CO ₂	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % %	1,03 Population Base Leave Blai 103,72 12,60 2022 128,176,48 0.3 1,00 93,4
Other Process and Fugitive Emissions Other Process Emissions in Tracy Other Emissions in Tracy Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes OFC Ref. 8 Input Unit 2022 Crop Agricultural Process/Activity Are you entering Metric Tons CO, Equivalent or Metric Tons CO, Equiv	Other Process and Fugitive Emissions Other Process Emissions in Tracy Owens-Brockway Glass Cortainer Inc. Process Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Mame Notes Or PC Ref. # Input Unit 2022 Crop Agricultural Process/Activity Plants, Residues & Legumes Plants, Residues & Legumes Results from ICLEI Ag Scaling Tool Plants, Residues & Legumes Plants, Fertilizer Plan	Other Process and Fugitive Emissions Other Process Emissions in Tracy Owens-Brockway Glass Cortainer Inc. Process Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes Or Ref. # Input Crop Agriculture Process/Activity Plants, Residues & Legumes Agriculture (USCP optional) Agricultural Soil Emissions Plants, Residues & Legumes Plants, Residues & Legumes Plants, Fertilizer Plants, Fertilizer Plants, Fertilizer Plants, Fertilizer Plants, Fertilizer Results from ICLEI Ag Scaling Tool V3 Crop Agricultural Process/Activity NA Plants, Residues & Legumes NA Plants, Fertilizer Results from ICLEI Ag Scaling Tool V3 Results from ICLEI Ag Scaling Tool Results from ICLEI Ag Scaling Tool V3 Results from ICLEI Ag Scaling Tool Results from ICLEI Ag Scali	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution	Septic Systems Emissions Septic Systems Emissions EVE EMISSIONS Assigned Name	Joaquin County Notes Used default values for natural gas	III.4.2 GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CO ₂	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % %	1,03 Population Base Leave Blai 103,72 12,60 2022 128,176,48 0.3 1,00 93,4
Other Process and Fugitive Emissions Container Inc. Process Emissions in Tracy Cop. (MT)	Other Process and Fugitive Emissions Container Inc. Process Emissions in Tracy Container Inc. Process Emissions in Tracy Cope (MT) Cope (MT	Other Process and Fugitive Emissions Container Inc. Process Emissions in Tracy Container Inc. Process Emissions in Tracy Cop. (MT) Cop. (MT	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution	Septic Systems Emissions Septic Systems Emissions EVE EMISSIONS Assigned Name	Joaquin County Notes Used default values for natural gas	III.4.2 GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CH ₄ Natural Gas % CO ₂ CO ₂ e (MT)	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms 96 btu/scf kg/m^3 96 96 CO ₂ e (MT)	2022 128,176,4 1.03 1.03 Population Bas Leave Bla 103,7: 12,60 2022
Emissions Emissions in Tracy Are these emissions from a process or product use? CO ₂ e (MT) 20.3 Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Emissions from Crop Agricultural Soil Emissions - Plants, Residues & Legumes Plants, Residues & Legumes Plants, Fertilizer Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Agricultural Process/Activity NA Residues & Legumes NA Metric Tons CO ₂ e (MT) Soil Emissions - Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Agricultural Process/Activity NA Fertilizer Applications Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Agricultural Process/Activity NA Residues & Legumes NA Scaling Tool NA Scaling	Emissions Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legune Agricultural Soil Emissions - Plants, Residues & Legunes Plants, Residues & Legunes Results from ICLEI Ag Scaling Tool V.3 Emissions from Crop Agricultural Soil Emissions - Plants, Residues & Legunes Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Crop Agricultural Process/Activity NA Metric Tons CO ₂ e (MT) CO ₂ e (MT) CO ₂ e (MT) Co ₂ e (MT) Significant Process/Activity NA Fertilizer Apolicative (USCP optional) Agricultural Soil Emissions - Plants, Fertilizer Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Crop Agricultural Process/Activity NA Fertilizer Apolicative (USCP optional) NA Metric Tons CO ₂ e (MT) Co ₂ e (MT) Co ₂ e (MT) Co ₂ e (MT) Significant Process/Activity NA Recultival Tons CO ₂ e (MT) Emissions from Crop Agricultural Soil Emissions - Plants, Fertilizer Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Crop Agricultural Process/Activity NA Metric Tons CO ₂ e (MT) Significant Process/Activity NA Rice Cuttival Na Metric Tons CO ₂ e (MT) Significant Process/Activity NA Rice Cuttival Na Metric Tons CO ₂ e (MT) Significant Process/Activity NA Metric Tons CO ₂ e (MT) Significant Process/Activity NA Metric Tons CO ₂ e (MT) Significant Process/Activity NA Metric Tons CO ₂ e (MT) Significant Process/Activity NA Metric Tons CO ₂ e (MT) Significant Process/Activity NA Metric Tons CO ₂ e (MT) NA Metric Tons CO ₂	Emissions Emissions in Tracy Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equival Are (ISCP optional) Agricultural Soil Emissions - Plants, Residues & Legumes Results from ICLEI Ag Scaling Tool V.3 Cop (MT) Cop (MT) Agricultural Soil Emissions - Plants, Fertilizer Agricultural Soil Emissions - Plants, Fertilizer Agricultural Soil Emissions - Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Crop Agricultural Process/Activity NA Fertilizer Applicative Metric Tons CO ₂ Equival Agricultural Soil Emissions - Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Crop Agricultural Process/Activity NA Metric Tons CO ₂ Equival Agricultural Soil Emissions - Plants, Fertilizer Plants, Fertilizer Agricultural Soil Emissions - Plants, Fertilizer Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Crop Agricultural Process/Activity NA Rec Cultivat NA Metric Tons CO ₂ Equival Agricultural Process/Activity NA Rec Cultivat Are you entering ments - tons CO ₂ Equival Agricultural Process/Activity NA Metric Tons	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution	Septic Systems Emissions EVE EMISSIONS Assigned Name Natural Gas Leakage	Joaquin County Notes Used default values for natural gas	III.4.2 GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BODS Load (optional for population based method) Population served (optional for BODS loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Ot4 Natural Gas W CO ₂ CO ₂ e (MT) Subpart type	kWh MMBtu Million Gallons per Year People NA NA NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms 96 btu/scf kg/m^3 96 96 CO ₂ e (MT)	1,03 Population Bass Leave Blat 103,7; 12,60 2022 128,176,4 0,03 1,0; 0 93,4 1,0 22,07 Subpart N - Glass Production
Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Emissions from Crop Agricultural Soil Emissions - Plants, Residues & Legumes Plants, Residues & Legumes Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Emissions from Crop Agricultural Process/Activity NA Residues & Legumes Notes Results from ICLEI Ag Scaling Tool V.3 Emissions from Crop Agricultural Process/Activity NA Metric Tons CO ₂ Equivalent or Metric Tons CO ₂ Equivalent or Metric Tons CO ₂ (MT) CO ₂ e (MT) 3 Emissions from Crop Agricultural Soil Emissions - Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Emissions from Crop Agricultural Process/Activity NA Fertilizer Applications from Crop Agricultural Soil Emissions - Plants, Fertilizer Name Notes Fertilizer Applications from Crop Agricultural Process/Activity NA Metric Tons CO ₂ e (MT) CO ₂ e (MT) Soil Emissions Name Notes Co ₂ e (MT) Soil Emissions Co ₃ e (Matric Tons CO ₄ e (MT) Name Name Notes CO ₄ e (MT) Soil Emissions CO ₄ e (MT) Soil Emission	Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Emissions from Crop Agricultural Soil Emissions - Plants, Residues & Legumes Plants,	Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Emissions from Crop Agricultural Soil Emissions - Plants, Residues & Legumes Plants, Residues & Legumes Plants, Residues & Legumes Plants	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive	Septic Systems Emissions VE EMISSIONS Assigned Name Natural Gas Leakage Owens-Brockway Glass	Joaquin County Notes Used default values for natural gas	GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas W CH ₄ Natural Gas % CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent)	kWh MMBtu Miltion Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % CO ₂ e (MT) NA Metric tons	2022 Population Base Leave Blat 103,73 12,60 2022 128,176,44 0.3 1.00 0.3 1.00 Company of the second of
Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legumes Emissions from Crop Agricultural Soil Emissions - Plants, Residues & Legumes Results from ICLEI Ag Scaling Tool V.3 Emissions from Crop Agricultural Soil Emissions - Plants, Fertilizer Plants, Fertilizer Agricultural Soil Emissions - Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Emissions from Crop Agricultural Process/Activity NA Fertilizer Application of Plants, Fertilizer Application of Plants of	Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legume Agricultural Soil Emissions - Plants, Residues & Legumes Plants, Residues & Legume	Agriculture, Forestry, and Other Land Uses (AFOLU) ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legume Agricultural Soil Emissions - Plants, Residues & Legumes Plants, Residues & Legume	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process	Joaquin County Notes Used default values for natural gas	GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent) Data Source Are these emissions from a process or	kWh MMBtu Million Gallons per Year People NA NA NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % % CO ₂ e (MT) NA Metric tons NA	2022 Population Bass Leave Blan 103,7: 12,60 2022 N 128,176,45 0.3 1,0: 0.3 1,0: 0.3 1,0: 0.5 22,07 Subpart N - Glass Production 20,368 EPA Mandatory Reporting
ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legume	ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legum Are you entering Metric Tons CO ₂ Equivalent or Metric Tons	ClearPath Calculator Name Assigned Name Notes Results from ICLEI Ag Scaling Tool Emissions from Crop Agricultural (USCP optional) Agricultural Soil Emissions Plants, Residues & Legumes Results from ICLEI Ag Scaling Tool Agricultural Cope (MT) Cope (MT) Cope (MT) Agricultural Forcess/Activity NA Residues & Legumes Notes Results from ICLEI Ag Scaling Tool V.3 Cope (MT) Cope (MT) Agricultural Process/Activity NA Results from ICLEI Ag Scaling Tool V.3 Cope (MT) Cope (MT) Agricultural Soil Emissions Plants, Fertilizer Results from ICLEI Ag Scaling Tool V.3 Cope (MT) V.3 Cope (MT) Agricultural Process/Activity NA Results from ICLEI Ag Scaling Tool V.3 Cope (MT) V.3 Cope (MT) NA Results from ICLEI Ag Scaling Tool V.3 Cope (MT) Results from ICLEI Ag Scaling Tool V.3 Cope (MT) NA Results from ICLEI Ag Scaling Tool V.3 Results from ICLEI Ag Scaling Tool Resu	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process	Joaquin County Notes Used default values for natural gas	GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas Density Natural Gas % CO ₂ CO ₂ e (MT) Subpart type Gas (CO ₂ equivalent) Data Source Are these emissions from a process or product use?	kWh MMBtu Million Gallons per Year People NA NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % % CO ₂ e (MT)	2022 103,7: 1,03 103,7: 12,60 2022 128,176,4: 0,3 1,0: 0,
ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legumes	ClearPath Calculator Name Assigned Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legume Are you entering Metric Tons CO ₂ Equivalent or Metric Tons CO ₂ Equivalen	ClearPath Calculator Name Assigned Name Notes GPC Ref. # Input Unit 2022 Crop Agricultural Process/Activity NA Residues & Legum Are you entering Metric Tons CO ₂ Equivalent or Metric To	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process	Joaquin County Notes Used default values for natural gas	GPC Ref. #	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas Density Natural Gas % CO ₂ CO ₂ e (MT) Subpart type Gas (CO ₂ equivalent) Data Source Are these emissions from a process or product use?	kWh MMBtu Million Gallons per Year People NA NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % % CO ₂ e (MT)	1,03 Population Bass Leave Blan 103,72 12,603 2022 N 128,176,45 0,3 1,03 0,03 1,03 22,075 Subpart N - Glass Production 20,368 EPA Mandatory Reportin
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Crop Agricultural Process/Activity NA Rice Cultiva	Crop Agricultural Process/Activity NA Rice Cultivation Emissions from Crop Rice Cultivation Results from ICLE Ag Scaling Tool V3 Metric Tons CO ₂ MA Metric Tons CO ₂	Crop Agricultural Process/Activity NA Rice Cultivation Emissions from Crop Rice Cultivation Results from ICLEL Ag Scaling Tool V3 Metric Tons CO-e from Agriculture Metric Tons CO-e from Agriculture Metric Tons CO-e from Scaling Tool V3 Metric Tons CO-e from Scaling Tool V3	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive Emissions Agriculture, Forest ClearPath Calculator Name Emissions from Crop Agriculture (USCP optional)	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process Emissions in Tracy ry, and Other Land Us Assigned Name Agricultural Soil Emissions - Plants, Residues & Legumes Agricultural Soil Emissions -	Notes Used default values for natural gas characteristics. Sees (AFOLU) Notes Results from ICLEI Ag Scaling Tool	GPC Ref. # IV.1 GPC Ref. # V.3	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BODS Load (optional for population based method) Population served (optional for BODS loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Natura Gas Energy Density Natural Gas W CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent) Data Source Are these emissions from a process or product use? CO ₂ e (MT) Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons? Metric Tons CO ₂ e from Agriculture Acres (Required) CO ₂ e (MT) Crop Agricultural Process/Activity Are you entering metric Tons? Metric Tons CO ₂ e from Agriculture	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA NA Rg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % CO ₂ e (MT) NA Metric tons NA NA CO ₂ e (MT) Unit NA CO ₂ e (MT)	1,03 Population Bass Leave Blan 103,72 12,600 2022 N 128,176,45 0,3 1,00 0 20,75 Subpart N - Glass Production 20,368 EPA Mandatory Reportin Proce 20,368 EPA Mandatory Reportin
Are you entering Metric Tons CO ₂ NA Metric Tons CO Souther	Emissions from Crop Rice Cultivation Results from ICLEL Ag Scaling Tool V.3. Metric Tons CO ₂ NA Metric Tons CO ₂	Emissions from Crop Rice Cultivation Results from ICLEI Ag Scaling Tool V.3. Matric Tone C.O.e from Activulture Matric Tone C.O.e 32.0	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive Emissions Agriculture, Forest ClearPath Calculator Name Emissions from Crop Agriculture (USCP optional)	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process Emissions in Tracy ry, and Other Land Us Assigned Name Agricultural Soil Emissions - Plants, Residues & Legumes Agricultural Soil Emissions -	Notes Used default values for natural gas characteristics. Sees (AFOLU) Notes Results from ICLEI Ag Scaling Tool	GPC Ref. # IV.1 GPC Ref. # V.3	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BODS Load (optional for population based method) Population served (optional for BODS loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent) Data Source Are these emissions from a process or product use? CO ₂ e (MT) Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons? Metric Tons CO ₂ e from Agriculture Acres (Required) Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons CO ₂ Equivalent or Metric Tons CO ₃ Metric Tons CO ₂ e from Agriculture	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % CO ₂ e (MT) NA Metric tons NA NA NA CO ₂ e (MT) Unit NA CO ₂ e (MT)	1,03 Population Bass Leave Blan 103,72 12,60 2022 N 128,176,45 0,3 1,00 0 20,77 Subpart N - Glass Production 20,368 EPA Mandatory Reportion Proce 20,368 EPA Mandatory Reportion Proce 20,368 EPA Mandatory Reportion Proce 20,368
Are you entering Metric Tons CO ₂ NA Metric Tons CO Souther	Emissions from Crop Rice Cultivation Results from ICLEI An Scaling Tool V3 Metric Tons CO.e from Agriculture Metric Tons CO.e Ma Metric Tons CO.e 333	Emissions from Crop Rice Cultivation Results from ICLEI Ag Scaling Tool V3 Metric Tons CO ₂ Equivalent And Metric Tons CO ₂ Equivalent Metric Tons CO ₃ Equivalent Metric Tons CO ₄ Equivalent Metric Tons C	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive Emissions Agriculture, Forest ClearPath Calculator Name Emissions from Crop Agriculture (USCP optional)	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process Emissions in Tracy ry, and Other Land Us Assigned Name Agricultural Soil Emissions - Plants, Residues & Legumes Agricultural Soil Emissions -	Notes Used default values for natural gas characteristics. Sees (AFOLU) Notes Results from ICLEI Ag Scaling Tool	GPC Ref. # IV.1 GPC Ref. # V.3	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BODS Load (optional for population based method) Population served (optional for BODS loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent) Data Source Are these emissions from a process or product use? CO ₂ e (MT) Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons? Metric Tons CO ₂ e from Agriculture Acres (Required) Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons CO ₂ Equivalent or Metric Tons CO ₃ Metric Tons CO ₂ e from Agriculture	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % CO ₂ e (MT) NA Metric tons NA NA NA CO ₂ e (MT) Unit NA CO ₂ e (MT)	128,176,49 0.33 1,02 0 93,44 1.00 22,075 Subpart N - Glass Production 20,368 EPA Mandatory Reportir Proces
Emissions from Crop	Rice Cultivation Results from ICI FI Ag Scaling Tool V3 Metric Tops CO-e from Agriculture Metric Tops CO-e	Rice Cultivation Results from ICLEI Ag Scaling Tool V3 Metric Tops CO-e from Agriculture Metric Tops CO-e	Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive Emissions Agriculture, Forest ClearPath Calculator Name Emissions from Crop Agriculture (USCP optional)	Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process Emissions in Tracy ry, and Other Land Us Assigned Name Agricultural Soil Emissions - Plants, Residues & Legumes Agricultural Soil Emissions -	Notes Used default values for natural gas characteristics. Sees (AFOLU) Notes Results from ICLEI Ag Scaling Tool	GPC Ref. # IV.1 GPC Ref. # V.3	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas Density Natural Gas W CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent) Data Source Are these emissions from a process or product use? CO ₂ e (MT) Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons? Metric Tons CO ₂ e from Agriculture Acres (Required) CO ₂ e (MT) Crop Agricultural Process/Activity Are you entering meters to ros CO ₂ Equivalent or Metric Tons? Metric Tons CO ₂ e from Agriculture Acres (Required) CO ₂ e (MT)	kWh MMBtu Miltion Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms % btu/scf kg/m^3 % CO ₂ e (MT) NA Metric tons NA NA CO ₂ e (MT) Unit NA MA CO ₂ e (MT)	1,03 Population Base Leave Blar 103,72 12,602 128,176,49 128,176,49 0,34 1,02 0 93,44 1,00 22,079 Subpart N - Glass Production 20,368 EPA Mandatory Reportion Proces 20,368 2022 Residues & Legume Metric Tons CO ₂ Equivalent Space 12,10
			Potable Water (USCP Recommended) Fugitive Emissions from Septic Systems PROCESS & FUGIT ClearPath Calculator Name Fugitive Emissions from Natural Gas Distribution (USCP Recommended) Other Process and Fugitive Emissions Agriculture, Forest ClearPath Calculator Name Emissions from Crop Agriculture (USCP optional) Emissions from Crop Agriculture (USCP optional)	Potable Water Supply Emissions Septic Systems Emissions Septic Systems Emissions Assigned Name Natural Gas Leakage Owens-Brockway Glass Container Inc. Process Emissions in Tracy ry, and Other Land Us Assigned Name Agricultural Soil Emissions - Plants, Residues & Legumes Agricultural Soil Emissions - Plants, Fertilizer	Notes Used default values for natural gas characteristics.	GPC Ref. # I.8.1 IV.1 V.3	ClearPath? Electricity Used Natural Gas Used Volume of Water Delivered (optional) Population served (optional) Facility Location CO ₂ e (MT) Were emissions calculated externally from ClearPath? Calculation Type BOD5 Load (optional for population based method) Population served (optional for BOD5 loading rate/site specific method) CO ₂ e (MT) Input Were emissions calculated externally from ClearPath? Quantity of Natural Gas Used Leakage Rate Nature Gas Energy Density Natural Gas W CH ₄ Natural Gas W CH ₄ Natural Gas W CO ₂ CO ₂ e (MT) Subpart type Gas (CO2 equivalent) Data Source Are these emissions from a process or product use? CO ₂ e (MT) Input Crop Agricultural Process/Activity Are you entering Metric Tons CO ₂ Equivalent or Metric Tons? Metric Tons CO ₂ e from Agriculture Acres (Required) CO ₂ e (MT) Crop Agricultural Process/Activity Are you entering metric rons CO ₂ Equivalent or Metric Tons CO ₂ Equivalent or Metric Tons CO ₂ Equivalent or CO ₂ e from Agriculture Acres (Required) CO ₂ e (MT) Crop Agricultural Process/Activity Are you entering metric rons CO ₂ Equivalent or Moteric Tons CO ₂ Equivalent or CO ₂ e from Agriculture Acres (Required) CO ₂ e (MT)	kWh MMBtu Million Gallons per Year People NA CO ₂ e (MT) NA NA kg BOD5/day People CO ₂ e (MT) Unit NA Therms 96 btu/scf kg/m^3 96 96 CO ₂ e (MT) NA Metric tons NA NA CO ₂ e (MT) Unit NA Metric Tons CO ₂ e NA CO ₂ e (MT) NA NA Metric Tons CO ₂ e NA CO ₂ e (MT)	1.0 Population Ba Leave Bl 103, 126 2022 128,176, 0, 1, 1, 93, 1, 22,0 Subpart N - Glass Produc 20,36 EPA Mandatory Report Proc 20,3 EPA Mandatory Report Proc 20,3 4 Alignment Tons CO ₂ Equival Metric Tons CO ₂ Equival Rice Cultiva

, .gcarran c (000. op.10.104)			1		NA	0.500
				Acres (Required) CO ₂ e (MT)	NA CO ₂ e (MT)	8,561 23,000
				CO2C (MT)	CO ₂ C (1417)	25,000
				Crop Agricultural Process/Activity	NA	Residue Burning
Emissions from Crop				Formical part or Matrix Tops?	NA	Metric Tons CO ₂ Equivalent
Agriculture (USCP optional)	Residue Burning	Results from ICLEI Ag Scaling Tool	V.3	Metric Tons CO ₂ e from Agriculture	Metric Tons CO ₂ e	891
				Acres (Required)	NA CO - (MT)	31,139 891
				CO ₂ e (MT)	CO ₂ e (MT)	691
				Are you entering Metric Tons CO ₂	NA	Metric Tons CO ₂ Equivalent
				Metric Tons CO ₂ e from Livestock	Metric Tons CO₂e	632,000
Emissions from Livestock		D 14 (1015) A 0 15 T 1		Agriculture		
Enteric Fermentation (USCP optional)	Livestock Enteric Fermentation	Results from ICLEI Ag Scaling Tool	V.3	Livestock Type Number of Livestock	NA Head Count	Combined Livestock
opaonal,				Data Source	NA NA	Othe
				CO ₂ e (MT)	CO ₂ e (MT)	632,000
				Are you entering Metric Tons CO ₂		
				Fretire rots CO2	NA	Metric Tons CO ₂ Equivalen
Emissions from Livestock				Agricultura	Metric Tons CO ₂ e	250,230
Manure Management (USCP	Manure Management	Results from ICLEI Ag Scaling Tool	V.3	Livestock Type Number of Livestock	NA Head Count	Combined Livestock
optional)				Data Source	NA NA	0the
				CO ₂ e (MT)	CO ₂ e (MT)	250,230
-			•			
				Fretric rotes CO2	NA	Metric Tons CO ₂ Equivalent
Emissions from Livestock			I	Agricultura	Metric Tons CO ₂ e	383,000
Agricultural Soils (USCP	Livestock Agricultural Soils - Animals	Results from ICLEI Ag Scaling Tool	V.3	Livestock Type	NA List Court	Combined Livestock
optional)	Animais			Number of Livestock	Head Count NA	3,374,582
				Data Source CO ₂ e (MT)	CO ₂ e (MT)	Othe 383,000
				CO2C (MT)	CO ₂ C (1417)	303,000
				Category	NA	Undisturbed Fores
Emissions and Removals from	Forest Emissions and Removals			Land Area (optional - needed for	Hectares	2,669
Forests (USCP Recommended)	- Undisturbed Forest	Results from ICLEI LEARN Tool	V.3	forecasting) Net Annual Carbon Flux for Category	Metric Tons CO₂e	(15,867
Recommended				CO ₂ e (MT)	CO ₂ e (MT)	(15,867
						(23,23)
				Category	NA	Forest Disturbances
Emissions and Removals from	Forest Emissions and Removals			Land Area (optional - needed for	Hectares	26
Forests (USCP Recommended)	- Forest Disturbances	Results from ICLEI LEARN Tool	V.3	forecasting) Net Annual Carbon Flux for Category	Metric Tons CO₂e	766
recommended				CO ₂ e (MT)	CO ₂ e (MT)	766
l						
				Category	NA	Non-Forest to Fores
Emissions and Removals from	Forest Emissions and Removals	D		Land Area (optional - needed for	Hectares	2
Forests (USCP Recommended)	- Non-Forest to Forest	Results from ICLEI LEARN Tool	V.3	forecasting) Net Annual Carbon Flux for Category	Metric Tons CO₂e	-13
,,				CO ₂ e (MT)	CO ₂ e (MT)	(13
					1	
				Category	NA	Forest to Grassland
Emissions and Removals from Forests (USCP	Forest Emissions and Removals	Dec la Com ICLEU FARNITA I	V.3	Land Area (optional - needed for	Hectares	1,100
Recommended)	- Forest to Grassland	Results from ICLEI LEARN Tool	V.5	forecasting) Net Annual Carbon Flux for Category	Metric Tons CO₂e	13499
,				CO ₂ e (MT)	CO ₂ e (MT)	13,499
				Canopy Area	Hectares	10361
Emissions and Removals from			I	Emissions from Tree Loss Outside of Forests	Metric Tons CO ₂ e	156,229
Trees Outside of Forests	Tree Emissions and Removals	Results from ICLEI LEARN Tool	V.3	CO ₂ Removals from Trees Outside of	Matria Tana CO a	-204542
(USCP Recommended)				Forests	Metric Tons CO ₂ e	
				CO ₂ e (MT)	CO ₂ e (MT)	-48313
Т				Factor Set	NA	PGE Base Plan Electricity Factor Set 2022
				Were emissions calculated externally from		
Emissions from Grid	Emissions from Grid Electricity		V.3	ClearPath?	NA	No
Electricity	Agriculture - PGE Base Plan		v.3	Electricity Used	kWh	Confidential utility data
				CO ₂ e (MT)	CO ₂ e (MT)	Confidential utility data - Total emissions are
				· · · ·	· · · z= v · · · /	summed in the Results tab
				Factor Set	NA	2022 Location-based Electricity Factor Set
			I	Information Only	Na	Yes - Check Box
Emissions from Grid	Emissions from Grid Electricity			Were emissions calculated externally from	NA	No
Electricity	Agriculture (Location-based)	Information Only	V.3	ClearPath?		
			I	Electricity Used	kWh	Confidential utility data Confidential utility data - Total emissions are
I				CO ₂ e (MT)	CO ₂ e (MT)	

		County-wide I	Results
Scope	GHG Emissions Source (By Sector and Subsector)	2022	%
	RESIDENTIAL ENERGY	618,051	12%
1	Emissions from Fuel Combustion Within the Region Boundary	492,901	10%
1	Natural Gas	492,901	10%
2	Emissions from Grid-supplied Energy Consumed Within the Region Boundary	125,150	2%
3	Transmission and Distribution Losses from Grid-supplied Energy		0%
	COMMERCIAL ENERGY	315,944	6%
1	Emissions from Fuel Combustion Within the Region Boundary	188,825	4%
1	Commercial Natural Gas	188,825	4%
2	Emissions from Grid-supplied Energy Consumed Within the Region Boundary	127,119	2%
2	Commercial Electricity	118,185	2%
2	Agricultural Electricity	8,934	0%
3	Transmission and Distribution Losses from Grid-supplied Energy		0%
	INDUSTRIAL ENERGY	40,396	1%
	Industrial and Manufacturing Buildings and Facilities	40,396	1%
1	Emissions from Fuel Combustion Within the Region Boundary	0	0%
1	Natural Gas	0	0%
2	Emissions from Grid-supplied Energy Consumed Within the Region Boundary	40,396	1%
3	Transmission and Distribution Losses from Grid-supplied Energy	40,550	0%
3	Energy Industries	0	0%
	Emissions from Energy Production Used in Power Plant Auxiliary Operations Within the	0	0%
1	Region		006
	-		0%
2	Emissions from Grid-supplied Energy Consumed by Energy Industries Emissions from Transmission and Distribution Losses From Grid-supplied Energy Used in		0%
3			201
	Power Plant Auxiliary Operations		0%
1	Emissions from Energy Generation Supplied to the Grid		0%
	PROCESS AND FUGITIVE EMISSIONS	42,444	1%
	Fugitive Emissions From Mining, Processing, Storage, and Transportation of Coal	0	0%
1	Fugitive Emissions from Mining, Processing, Storage, and Transportation of Coal Within the		
	Region Boundary		0%
	Fugitive Emissions From Oil and Natural Gas Systems	22,075	0%
1	Fugitive Emissions from Natural gas Systems Within the Region Boundary	22,075	0%
1	Natural Gas Leakage	22,075	0%
	Industrial Processes	20,369	0%
1	Emissions from Industrial Processes Occurring in the Region Boundary	20,369	0%
1	Emissions from Product use Occurring Within the Region Boundary		0%
	TRANSPORTATION AND MOBILE SOURCES	2,613,183	51%
	On-road Transportation	2,046,236	40%
1	Emissions from Fuel Combustion On-road Transportation Occurring in the Region	2,045,308	40%
1	Personal Vehicles	1,543,619	30%
1	Small Commercial Trucks	139,027	3%
1	Medium Commercial Trucks and Buses	60,808	1%
1	Large Commercial Trucks and Buses	301,854	6%
2			
2	Emissions from Grid-supplied Energy Consumed in the Region for On-road Transportation	928	0%
2	Emissions from Grid-supplied Energy Consumed in the Region for On-road Transportation Personal Vehicles	928 925	0%
	11 51		
2	Personal Vehicles	925	0%
2	Personal Vehicles Small Commercial Trucks	925 0	0% 0%
2 2 2 2	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses	925 0 1	0% 0% 0%
2 2 2	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses Large Commercial Trucks and Buses Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses	925 0 1	0% 0% 0% 0%
2 2 2 2	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses Large Commercial Trucks and Buses Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses From Grid-supplied Energy Use	925 0 1 2	0% 0% 0% 0%
2 2 2 2 2 3	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses Large Commercial Trucks and Buses Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses From Grid-supplied Energy Use Railways	925 0 1	0% 0% 0% 0%
2 2 2 2	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses Large Commercial Trucks and Buses Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses From Grid-supplied Energy Use Railways Emissions from Fuel Combustion for Railway Transportation Occurring in the Region	925 0 1 2	0% 0% 0% 0%
2 2 2 2 3	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses Large Commercial Trucks and Buses Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses From Grid-supplied Energy Use Railways Emissions from Fuel Combustion for Railway Transportation Occurring in the Region Passenger Rail - Renewable Diesel	925 0 1 2 32,868	0% 0% 0% 0% 0%
2 2 2 2 2 3	Personal Vehicles Small Commercial Trucks Medium Commercial Trucks and Buses Large Commercial Trucks and Buses Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses From Grid-supplied Energy Use Railways Emissions from Fuel Combustion for Railway Transportation Occurring in the Region	925 0 1 2 32,868 32,868	0% 0% 0% 0% 0%

	Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses		
3			006
	from Grid-supplied Energy Use Waterborne Navigation	20 520	0%
1		29,529	1%
1	Emissions from Fuel Combustion for Waterborne Navigation Occurring in the Region	29,529	1%
2	Emissions from Grid-supplied Energy Consumed in the Region for Waterborne Navigation		0%
	Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses		0 70
3	from Grid-supplied Energy Use		0%
	Aviation	12,608	0%
1	Emissions from Fuel Combustion for Aviation Occurring in the Region	12,608	0%
2	Emissions from Grid-supplied Energy Consumed in the Region for Aviation	12,000	0%
	Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses		0 70
3	from Grid-supplied Energy Use		0%
	Off-road Transportation	491,942	10%
1	Emissions from Fuel Combustion for Off-road Transportation Occurring in the Region	491,942	10%
1	Off-road	491,942	10%
	on road	431,342	1070
2	Emissions from Grid-supplied Energy Consumed in the Region for Off-road Transportation		0%
	Emissions from Transboundary Journeys Occurring Outside the Region and T&D Losses		
3	from Grid-supplied Energy Use		0%
	SOLID WASTE	196,233	4%
	Solid Waste Disposal	180,897	4%
1	Emissions from Solid Waste Landfilled Within the Region	180,897	4%
	Emissions from Solid Waste Generated in the Region and Disposed in Landfills or Open		
3	Dumps Outside the Region		0%
	Emissions from Waste Generated Outside the Region and Disposed in Landfills or Open		
1	Dumps Within the Region		0%
	Biological Treatment of Waste	15,336	0%
1	Emissions from Solid Waste Treated Biologically in the Region	15,336	0%
	Emissions from Solid Waste Generated in the Region but Treated Biologically Outside of		
3	the Region		0%
1	Emissions from Waste Generated Outside the Region Boundary but Treated in the Region		0%
	Incineration and Open Burning	0	0%
1	Emissions from Waste Generated and Treated Within the Region		0%
3	Emissions from Waste Generated Within but Treated Outside of the Region		0%
	Emissions from Waste Generated Outside the Region Boundary but Treated Within the		
1	Region		0%
	WATER AND WASTEWATER	21,791	0%
	Potable Water Supply	1,031	0%
2	Electricity use for potable water supply	1,031	0%
	Wastewater Treatment and Discharge	20,760	0%
1	Emissions from Wastewater Generated and Treated Within the Region	20,760	0%
1	Wastewater Treatment	4,675	0%
1	Wastewater Effluent	3,366	0%
1	Wastewater Digester Gas Combustion or Flaring	118	0%
1	Septic Systems	12,602	0%
3	Emissions from Wastewater Conserted Within but Treated Outside of the Design		004
	Emissions from Wastewater Generated Within but Treated Outside of the Region Emissions from Wastewater Generated Outside the Region Boundary but Treated Within	0	0%
1			004
	the Region AGRICULTURE	1,200,221	0% 25%
1	Emissions from Livestock Within the Region Boundary	1,298,221	
1	Emissions from Crop Agriculture Within the Region Boundary Emissions from Crop Agriculture Within the Region Boundary	1,265,230	25%
1	FORESTS AND TREES EMISSIONS	32,991 170,494	1% 3%
1	Emissions from Forests within the Region boundary		
1	Emissions from Forests within the Region boundary Emissions from Trees Outside of Forests within the Region boundary	14,265 156,229	3%
	FORESTS AND TREES REMOVALS		-4%
1	Removals from Forests within the Region boundary	- 220,422 -15,880	-4% 0%
1	Removals from Forests within the Region boundary Removals from Trees Outside of Forests within the Region boundary	-15,880	-4%
	Themovals from frees outside of Forests within the neglon boundary	-204,542	-4%

ĺ		OTHER SCOPE 3	0	0%
ſ	3			0%
		GROSS TOTAL (excludes forest and tree emissions and removals)	5,146,263	100%
I		NET TOTAL (includes forest and tree emissions and removals)	5,096,335	

REGION WIDE RESULTS

Simplified Sectors	MTCO2e
Transportation	2,613,183
Agriculture	1,298,221
Buildings	1,016,835
Waste and Water	218,024
Forest and Trees	-49,928
Net total	5,096,335

Sector	2022 GHG Emissions (MTCO ₂ e)	% of Total Gross Emissions
Transportation	2,613,183	51%
Agriculture	1,298,221	25%
Residential Energy	618,051	12%
Commercial Energy	315,944	6%
Solid Waste	196,233	4%
Process and Fugitive Emissions	42,444	1%
Industrial Energy	40,396	1%
Water and Wastewater	21,791	0%
Gross Emissions (Excluding Forest and Trees)	5,146,263	100%
Forests and Tree Emissions	170,494	NA
Forest and Tree Removals	-220,422	NA
Net Emissions (Including Forest and Trees)	5,096,335	NA

Sector and Activity Type	MT CO ₂ e	% of Gross Emissions
Transportation	on 2,613,183	50.8%
On-Road Fuel U	se 2,046,236	39.8%
Other Off-Ro	ad 491,942	9.6%
Freight R	ail 32,822	0.6%
Waterborne Cra	aft 29,529	0.6%
Aviati	on 12,608	0.2%
Passenger R	ail 46	0.0%
Agricultul	re 1,298,221	25.2%
Livesto	ck 1,265,230	24.6%
Crop Agricultu		0.6%
Residential Energ	gy 618,051	12.0%
Electric	ity 125,150	2.4%
Natural G	as 492,901	9.6%
Commercial Ener	gy 315,944	6.1%
Electric	ity 127,119	2.5%
Natural G	as 188,825	3.7%
Solid Was	te 196,233	3.8%
Landfilled Was	te 180,897	3.5%
Composted Was		0.3%
Process and Fugitive Emission		
Fugitive Natural Gas Distributi	on 22,075	0.4%
Glass Production Process		
Industrial Energy		
Electric	, ,,,,,	0.8%
Water and Wastewat		
Potable Water U	se 1,031	0.0%

Wastewater Treatment and Discharge	20,760	0.4%
Forest and Trees	-49,928	
Forests and Tree Emissions	170,494	
Forest and Tree Removals	-220,422	
Gross Emissions (Excluding Forest and Trees)	5,146,263	100.0%
Net Emissions (Including Forests and Trees)	5,096,335	

^{*}Totals may not sum due to rounding





