

Total Emissions Summary Report

University of California, Santa Barbara

(Emissions from California operations)



Report Generated On: 09/15/2008 10:55 am PT

Report Revision #: 4

Santa Barbara, CA 93106 United States

sustainability.ucsb.edu

805-893-8367

jill.richardson@vcadmin.ucsb.edu

Contact: Jill Richardson

Industry Type: Education - University

NAIC Code:

SIC Code:

Description: University of California Santa Barbara is a 1,055 acre campus with many types of buildings such as administration, light and heavy research, as well as campus housing, residence halls, and off-campus reserves.

Primary Calculation

Methodologies: Use the general reporting protocol and CARROT.

Organizational structure disclosure:

Legend	
Blue	= required
Orange	= optional

VERIFIED EMISSIONS INFORMATION

Reporting Year: **2004**
 Reporting Scope: **CA**
 Reporting Protocol: General Reporting Protocol, Version 1 (October 2002)
 Reporting Boundaries:
 Direct Baseline Year
 Indirect Baseline Year

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	1,173.91	1,173.91	0.00	0.00	0.00	0.00	0.00	metric ton
Stationary Combustion	16,247.58	16,247.58	0.00	0.00	0.00	0.00	0.00	metric ton
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	17,421.49	17,421.49	0.00	0.00	0.00	0.00	0.00	metric ton

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	30,791.44	30,791.44	0.00	0.00	metric ton
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	30,791.44	30,791.44	0.00	0.00	metric ton

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De Minimis Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
	136.80	136.80	0.00	0.00	0.00	0.00	0.00	metric ton
TOTAL DEMINIMIS	136.80	136.80	0.00	0.00	0.00	0.00	0.00	metric ton
Percentage of Total Inventory:	0.28 %							

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Movement Report*

Factor	Details	Amount (CO2e)	Unit
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*The Movement Report documents changes in the members inventory. This data is not verified but must be completed by the member to help track changes in emissions over time.

VERIFICATION INFORMATION

Verification Company: Ryerson, Master & Associates, Inc.

Verifier Name: Ryerson, Master and Associates, Inc.

Lead Verifier Name: Ivor John

Basis of Verification Opinion: The University of California Santa Barbara (UCSB) GHG Emission Inventory Report for 2004 was reviewed by Ryerson, Master and Associates, Inc., (RMA) and certified against the Registry's General Reporting Protocol (dated October 2002). RMA followed the procedures outlined in the Registry's Certification Protocol (dated July 2003) to complete the certification process. The certification activities were conducted during January through April 2006.

On April 6, 2006, RMA issued a Certification Report to UCSB documenting the material and immaterial misstatements in the UCSB inventory. The discrepancies identified by RMA were addressed by UCSB, and a revised inventory was submitted to RMA for certification on April 7 2006. A Certification Opinion was provided to UCSB on April 13, 2006. RMA also completed the Certification Activities Checklist and submitted this to the Registry on April 13, 2006.

Date Submitted:
04/13/06 09:59 am

Verifier Comments:

OPTIONAL INFORMATION

Information in this section is voluntarily provided by the participant for public information, but is not required and thus, not verified under California Registry protocols.

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Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Emissions Efficiency metric:

Emissions Management Programs:

Emissions Reduction Projects:

Emissions Reduction Goals:

REFERENCE DOCUMENTS

Title	Author	Document Status	Publish Date
Certification Activities Checklist, UCSB Year 20	Ivor John	Private	04/13/2006 12:00:00AM

Total Emissions Summary Report

University of California, Santa Barbara

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FACILITY INFORMATION

Facility Name **Main Campus and Auxiliary Electricity Usage**
 Facility ID
 ReportingYear 2004
 Facility Address Santa Barbara, CA 93106, United States
 Facility PO Box
 Facility Contact Person Jill Richardson
 Facility Contact Phone 805-893-8367
 Facility Contact Email jill.richardson@vcdadmin.ucsb.edu
 Facility Description
 SIC Code
 NAIC Code
 Industry Type

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Stationary Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	28,724.48	28,724.48	0.00	0.00	metric ton
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	28,724.48	28,724.48	0.00	0.00	metric ton

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
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Percentage of Total Inventory:

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

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Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	GHG	Amount	Unit	Methodol./Source	General Info
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	Purchased Electricity	Pre-Calc					CO2	28,724.48	metric ton		
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FACILITY INFORMATION

Facility Name **Main Campus and Auxiliary Natural Gas Usage**
 Facility ID
 ReportingYear 2004
 Facility Address Santa Barbara, CA 93106, United States
 Facility PO Box
 Facility Contact Person Jill Richardson
 Facility Contact Phone 805.893.8367
 Facility Contact Email jill.richardson@vcdadmin.ucsb.edu
 Facility Description
 SIC Code
 NAIC Code
 Industry Type

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Stationary Combustion	13,791.21	13,791.21	0.00	0.00	0.00	0.00	0.00	metric ton
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	13,791.21	13,791.21	0.00	0.00	0.00	0.00	0.00	metric ton

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	0.00	0.00	0.00	0.00	-
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	0.00	0.00	0.00	0.00	-

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
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Percentage of Total Inventory:

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

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Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	GHG	Amount	Unit	Methodol./Source	General Info
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	Stationary Combustion	Pre-Calc					CO2	13,791.21	metric ton		
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Total Emissions Summary Report

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FACILITY INFORMATION

Facility Name: **Marine Vessels**
 Facility ID:
 ReportingYear: 2004
 Facility Address: Santa Barbara, CA 93106, United States
 Facility PO Box:
 Facility Contact Person: Jill Richardson
 Facility Contact Phone: (805) 893-8367
 Facility Contact Email: jill.richardson@vadmin.ucsb.edu
 Facility Description:
 SIC Code:
 NAIC Code:
 Industry Type:

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Stationary Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	0.00	0.00	0.00	0.00	-
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	0.00	0.00	0.00	0.00	-

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL DEMINIMIS	99.14	99.14	0.00	0.00	0.00	0.00	0.00	metric ton
Percentage of Total Inventory:	100.00%							

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

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Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	Amount	Unit	Methodol./Source	General Info
	Mobile Combustion	Pre-Calc				CO2	99.14	metric ton	Estimate of de minimis CO2. Other de minimis emission sources that we have NOT estimated are offsite UCSB nature reserves. These emissions have not been included anywhere in the report but are minimal.	

Total Emissions Summary Report

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FACILITY INFORMATION

Facility Name **Off Campus Housing Electricity Usage**
 Facility ID
 ReportingYear 2004
 Facility Address Santa Barbara, CA 93106, United States
 Facility PO Box
 Facility Contact Person Perrin Pellegrin
 Facility Contact Phone 805-893-2661 (2208)
 Facility Contact Email Perrin.Pellegrin@dcs.ucsb.edu
 Facility Description
 SIC Code
 NAIC Code
 Industry Type

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Stationary Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	2,066.96	2,066.96	0.00	0.00	metric ton
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	2,066.96	2,066.96	0.00	0.00	metric ton

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
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Percentage of Total Inventory:

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

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Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	Amount	Unit	Methodol./Source	General Info
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	Purchased Electricity	Pre-Calc				CO2	2,066.96	metric ton		
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Total Emissions Summary Report

University of California, Santa Barbara

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FACILITY INFORMATION

Facility Name **Off-Campus Housing Natural Gas Usage**
 Facility ID
 ReportingYear 2004
 Facility Address Santa Barbara, CA 93106, United States
 Facility PO Box
 Facility Contact Person Jill Richardson
 Facility Contact Phone 805-893-8367
 Facility Contact Email jill.richardson@vcdadmin.ucsb.edu
 Facility Description
 SIC Code
 NAIC Code
 Industry Type

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Stationary Combustion	2,456.37	2,456.37	0.00	0.00	0.00	0.00	0.00	metric ton
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	2,456.37	2,456.37	0.00	0.00	0.00	0.00	0.00	metric ton

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	0.00	0.00	0.00	0.00	-
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	0.00	0.00	0.00	0.00	-

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
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Percentage of Total Inventory:

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

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Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	GHG	Amount	Unit	Methodol./Source	General Info
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	Stationary Combustion	Pre-Calc					CO2	2,456.37	metric ton		
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FACILITY INFORMATION

Facility Name	Vehicle Fleet (diesel)
Facility ID	
ReportingYear	2004
Facility Address	Santa Barbara, CA 93106, United States
Facility PO Box	
Facility Contact Person	Perrin Pellegrin
Facility Contact Phone	(805) 893-2661 x3308
Facility Contact Email	perrin.pellegrin@dcs.ucsb.edu
Facility Description	
SIC Code	
NAIC Code	
Industry Type	

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Stationary Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	0.00	0.00	0.00	0.00	-
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	0.00	0.00	0.00	0.00	-

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL DEMINIMIS	37.66	37.66	0.00	0.00	0.00	0.00	0.00	metric ton
Percentage of Total Inventory:	100.00%							

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

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Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	GHG	Amount	Unit	Methodol./Source	General Info
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	Mobile Combustion	Pre-Calc					CO2	37.66	metric ton		
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Total Emissions Summary Report

University of California, Santa Barbara

(Emissions from California operations)



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Report Revision #: 4

FACILITY INFORMATION

Facility Name: **Vehicle Fleet (gasoline)**
 Facility ID:
 ReportingYear: 2004
 Facility Address: Santa Barbara, CA 93107, United States
 Facility PO Box:
 Facility Contact Person: Perrin Pellegrin
 Facility Contact Phone: 805-893-2661 x2208
 Facility Contact Email: perrin.pellegrin@dcs.ucsb.edu
 Facility Description:
 SIC Code:
 NAIC Code:
 Industry Type:

Direct Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
Mobile Combustion	1,173.91	1,173.91	0.00	0.00	0.00	0.00	0.00	metric ton
Stationary Combustion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
TOTAL DIRECT	1,173.91	1,173.91	0.00	0.00	0.00	0.00	0.00	metric ton

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Indirect Emissions	CO2e	CO2	CH4	N2O	Unit
Purchased Electricity	0.00	0.00	0.00	0.00	-
Purchased Steam	0.00	0.00	0.00	0.00	-
Purchased Heating and Cooling	0.00	0.00	0.00	0.00	-
TOTAL INDIRECT	0.00	0.00	0.00	0.00	-

De Minimis Detail	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
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Percentage of Total Inventory:

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Optional Emissions	CO2e	CO2	CH4	N2O	HFCs*	PFCs*	SF6	Unit
TOTAL OPTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

* HFCs and PFCs are classes of greenhouse gases that include many compounds. These columns may reflect the total emissions of multiple HFC and PFC compounds, each of which has a unique Global Warming Potential (GWP). Emissions of each gas are first multiplied by their respective GWP and then summed in the total CO2-equivalent column.

Total Emissions Summary Report

University of California, Santa Barbara

(Emissions from California operations)



Report Generated On: 09/15/2008 10:55 am PT

Report Revision #: 4

Facility Emission Reduction Goals:
Environmental Programs/Policies:
Other Public Information:
Primary Calculation Methodologies:
Equity Share: 100.00

Source	Emission Category	Calc Method	Fuel Name	Fuel/Mileage	Emission Factor	Fract. GHG Oxid.	Amount	Unit	Methodol./Source	General Info
	Mobile Combustion	Pre-Calc				CO2	1,173.91	metric ton		