Emission Inventory Reporting and Chain-of-Custody Form

EIB Ref# **907** **Prior References (#745b and #815, 836,#861)**
Project Name: **CCOS/SJV Modeling EI Projections**

Requested by (staff person): **Vernon Hughes** Org: **PTSD / Modeling Branch**
Telephone: E-mail:
Address:
Approved by (manager):

Date received:
EIB Specialist: **Martin Johnson** Date needed:
Reviewed by: **Yosh Yajima (checked with SQL load summaries)** Date complete: **6/20/2003**

Section I. General Reporting Parameters

Year(s): **1990** **1999** **2000** **2001** **2002** **2005** **2006** **2007** **2008** **2010** **2012** **2018**
Pollutants:
Criteria TOG ☒ ROG ☐ NOX ☒ CO ☒ SOX ☒ PM ☒ PM10 ☐ PM25 ☐
Toxics -- CEIDARS Only

Statewide: ☒
District(s):
Air Basin(s):
County(s):

Categories: All ☐ Stationary Point ☒ Stationary Aggregated ☒ Areawide ☒
On-Road ☐ ☐ Other Mobile ☒ Natural ☐

Section II. CEIDARS Base Year Emissions Reporting Options:

Report Types:

Summary Report: ☐ 4-Line: ☐ 1-Line: ☐

Ad-hoc (describe):

Section III. CEFS Reporting Options for Forecasted Emissions Data, Planning Inventories, and Day-Specific Data for Modeling:

Annual Average: ☐ Summer Seasonal: ☐ Winter Seasonal: ☐ Day-Specific: ☒

Base Year: **1999**
(stationary sources)

	Wednesday	**Saturday**
August	x	x
Jan		
Sep		
Jul	x	x

Report Types:

Summary Report: Emissions by Pollutant Across Year: ☐ Emissions by Year Across Pollutant: ☐
Growth Only * ☐ Control Only * ☐ Growth and Control ☐

* Not available for mobile source emissions -- these scenarios must be generated from the EMFAC2000 and OFFROAD models.
Not available for stationary point sources categories for historical years because actual reported emissions are used in the trends.

Ad-Hoc: Specific Categories (SCC/SIC, EIC etc.) or fuel types etc.:

Section IV. Data Format:
Electronic: ASCII ☐ Spreadsheet ☐ Access ☐ Other ☐
Media Type: Hardcopy ☐ Diskette ☐ E-mail ☐ FTP ☐

For EIB Use Only:
CEFS Input Module Snapshot: **TCEI99**
CEFS Modules Used: **TREND** ☐ **GIS** ☒ **DETAIL** ☐
Forecast Scenarios:
SEE SCENARIO AND FILE DESCRIPTION LIST BELOW

Section V. Data Storage: **EIB File Location: dbserv27.teale.ca.gov ~armj/rf#861 directory**
Modeling Support Section File Location: themis.arb.ca.gov exdisk1/EIB/mjohnson/rf#861 directory

Section VI. Assumptions and Critical Notes

Stationary Sources:

Base Year Emissions Data:

1999 inventory reflects all updates as of November 4, 2002 (Bay Area, PM updates in SJV etc.)
Updates to Sacramento requested by Bridgett Tollstrup will be handled externally after the inventory is frozen.
Historical pesticide emissions data (1990 to 2001) stored in batch scenario DPR_HISTORICAL

Control Data:

Incorporates revised SJV Reg VIII pm control data, revised Rule 4701 control factors, and rule data for rules adopted in 2001 and 2002.
Includes BA control update received

Growth Data:

Includes BA growth data received
Includes SCAG updates used for draft SCOS projections.
Includes Pechan data for the rest of the state along with specific overwrites.

Critical Pending Actions:

On-Road Mobile Sources:

Off-Road Mobile Sources:

Includes latest OFFROAD model estimates submitted Sep 2002.

File Description

CEFS Scenario	**File#**	**File Names**		**File Contents**	
			Region	**Years**	**Categories**
I. Subdirectory: AUGWED					
GIS_CCOS_OFFROAD		ccos.offroad.83.b.Z	State	All	OFFROAD
GIS_CCOS_OFF_IC		off.ic.83.b.Z	State	All	Stat Non-Ag IC
GIS_CCOS_SC_OM1		sc.om1.83.b.Z	SC	All	Ships/Air
G_CCOS2_SC_OM2		sc.om2.83.b.Z	SC	All	Off-Road Rec
GIS_CCOS_SC_SAA		sc.saa.83.b.Z	SC	All	SAA
GIS_CCOS_SC_SPNR		sc.spnr.83.b.Z	SC	Post 99	Non-Recl
GIS_CCOS_SC_SPR		sc.spr.83.b.Z	SC	Post 99	Reclaim
GIS_STATE1990PT		state.1990.sp.83.030307.b.Z	State	1990	Point
G_CCOS2_AGPEST5		ag.pest.8.3.nonsc.b.Z	Non-SC	Post 2001	Ag Pest
G_CCOS2_AGPEST5		ag.pest.8.3.sc.b.Z	SC	Post 2001	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.1990.8.3.b.Z	State	1990	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.1999.8.3.b.Z	State	1999	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.2000.8.3.b.Z	State	2000	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.2001.8.3.b.Z	State	2001	Ag Pest
G_CCOS2_BA_OM1		ba.om.83.b.Z	BA	All	Ships/Air/Off-Road Rec
G_CCOS2_BA_SAA		ba.saa.83.b.Z	BA	All	SAA
G_CCOS2_BA_SP		ba.sp.83.b.Z	BA	Post 99	Point
G_CCOS2_MBU_OM1		mbu.om1.83.b.Z	MBU	All	Ships/Air/Off-Road Rec
G_CCOS2_MBU_SAA		mbu.saa.83.b.Z	MBU	All	SAA
G_CCOS2_MBU_SP		mbu.sp.83.b.Z	MBU	Post 99	Point
G_CCOS2_METLINK		metrolink.8.3.b.Z	SC	All	Metrolink
G_CCOS2_NAGPEST		NAGPEST.ST.8.3.b.Z	State	All	Non-Ag Pest
G_CCOS2_OTHR_SP		oth.sp.83.b.Z	Other	Post 99	Point
G_CCOS2_OTH_OM1		oth.om1.83.b.Z	Other	All	Ships/Air/Off-Road Rec
G_CCOS2_OTH_SAA		other.saa.83.b.Z	Other	All	SAA
G_CCOS2_SB_OM1		sb.om1.83.b.Z	SB	All	Ships/Air/Off-Road Rec
G_CCOS2_SB_SAA		sb.saa.8.3.b.Z	SB	All	SAA

G_CCOS2_SB_SP	sb.sp.83.b.Z	SB	Post 99	Point
G_CCOS2_SJV_OM1	sjv.om1.83.b.Z	SJV	All	Ships/Air/Off-Road Rec
G_CCOS2_SJV_SAA	sjv.saa.83.b.Z	SJV	All	SAA
G_CCOS2_SJV_SP	sjv.sp.8.3.b.Z	SjJV	Post 99	Point
G_CCOS2_TRAINS	trains.83.b.Z	State	All	Trains
G_CCOS2_VEN_OM1	ven.om1.83.b.Z	VEN	All	Ships/Air/Off-Road Rec
G_CCOS2_VEN_SAA	ven.saa.83.b.Z	VEN	All	SAA
G_CCOS2_VEN_SP	ven.sp.83.b.Z	VEN	Post 99	Point

	File#	File Names		File Contents		
I. Subdirectory: AUGSAT			**Region**	**Years**	**Categories**	**Units**
GIS_CCOS_OFFROAD		ccos.offroad.86.b.Z	State	All	OFFROAD	
GIS_CCOS_OFF_IC		off.ic.86.b.Z	State	All	Stat Non-Ag IC	
GIS_CCOS_SC_OM1		sc.om1.86.b.Z	SC	All	Ships/Air	
G_CCOS2_SC_OM2		sc.om2.86.b.Z	SC	All	Off-Road Rec	
GIS_CCOS_SC_SAA		sc.saa.86.b.Z	SC	All	SAA	
GIS_CCOS_SC_SPNR		sc.spnr.86.b.Z	SC	Post 99	Non-Recl	
GIS_CCOS_SC_SPR		sc.spr.86.b.Z	SC	Post 99	Reclaim	
GIS_STATE1990PT		state.1990.sp.86.030307.b.Z	State	1990	Point	
G_CCOS2_AGPEST5		ag.pest.8.6.nonsc.b.Z	Non-SC	Post 2001	Ag Pest	
G_CCOS2_AGPEST5		ag.pest.8.6.sc.b.Z	SC	Post 2001	Ag Pest	
G_CCOS2_AGPEST_H		agpest_H.ST.1990.8.6.b.Z	State	1990	Ag Pest	
G_CCOS2_AGPEST_H		agpest_H.ST.1999.8.6.b.Z	State	1999	Ag Pest	
G_CCOS2_AGPEST_H		agpest_H.ST.2000.8.6.b.Z	State	2000	Ag Pest	
G_CCOS2_AGPEST_H		agpest_H.ST.2001.8.6.b.Z	State	2001	Ag Pest	
G_CCOS2_BA_OM1		ba.om.86.b.Z	BA	All	Ships/Air/Off-Road Rec	
G_CCOS2_BA_SAA		ba.saa.86.b.Z	BA	All	SAA	
G_CCOS2_BA_SP		ba.sp.86.b.Z	BA	Post 99	Point	
G_CCOS2_MBU_OM1		mbu.om1.86.b.Z	MBU	All	Ships/Air/Off-Road Rec	
G_CCOS2_MBU_SAA		mbu.saa.86.b.Z	MBU	All	SAA	
G_CCOS2_MBU_SP		mbu.sp.86.b.Z	MBU	Post 99	Point	
G_CCOS2_METLINK		metrolink.8.6.b.Z	SC	All	Metrolink	
G_CCOS2_NAGPEST		NAGPEST.ST.8.6.b.Z	State	All	Non-Ag Pest	
G_CCOS2_OTHR_SP		oth.sp.86.b.Z	Other	Post 99	Point	
G_CCOS2_OTH_OM1		oth.om1.86.b.Z	Other	All	Ships/Air/Off-Road Rec	
G_CCOS2_OTH_SAA		other.saa.86.b.Z	Other	All	SAA	
G_CCOS2_SB_OM1		sb.om1.86.b.Z	SB	All	Ships/Air/Off-Road Rec	
G_CCOS2_SB_SAA		sb.saa.8.6.b.Z	SB	All	SAA	
G_CCOS2_SB_SP		sb.sp.86.b.Z	SB	Post 99	Point	
G_CCOS2_SJV_OM1		sjv.om1.86.b.Z	SJV	All	Ships/Air/Off-Road Rec	
G_CCOS2_SJV_SAA		sjv.saa.86.b.Z	SJV	All	SAA	
G_CCOS2_SJV_SP		sjv.sp.8.6.b.Z	SjJV	Post 99	Point	
G_CCOS2_TRAINS		trains.86.b.Z	State	All	Trains	
G_CCOS2_VEN_OM1		ven.om1.86.b.Z	VEN	All	Ships/Air/Off-Road Rec	
G_CCOS2_VEN_SAA		ven.saa.86.b.Z	VEN	All	SAA	
G_CCOS2_VEN_SP		ven.sp.86.b.Z	VEN	Post 99	Point	

I. Subdirectory: JULWED

GIS_CCOS_OFFROAD	ccos.offroad.73.Z	State	All	OFFROAD
GIS_CCOS_OFF_IC	off.ic.73.Z	State	All	Stat Non-Ag IC
GIS_CCOS_SC_OM1	sc.om1.73.Z	SC	All	Ships/Air
G_CCOS2_SC_OM2	sc.om2.73.Z	SC	All	Off-Road Rec
GIS_CCOS_SC_SAA	sc.saa.73.Z	SC	All	SAA
GIS_CCOS_SC_SPNR	sc.spnr.73.Z	SC	Post 99	Non-Recl
GIS_CCOS_SC_SPR	sc.spr.73.Z	SC	Post 99	Reclaim
GIS_STATE1990PT	state.1990.sp.73.030307.Z	State	1990	Point
G_CCOS2_AGPEST5	ag.pest.7.3.nonsc.Z	Non-SC	Post 2001	Ag Pest
G_CCOS2_AGPEST5	ag.pest.7.3.sc.Z	SC	Post 2001	Ag Pest
G_CCOS2_AGPEST_H	agpest_H.ST.1990.7.3.Z	State	1990	Ag Pest
G_CCOS2_AGPEST_H	agpest_H.ST.1999.7.3.Z	State	1999	Ag Pest
G_CCOS2_AGPEST_H	agpest_H.ST.2000.7.3.Z	State	2000	Ag Pest
G_CCOS2_AGPEST_H	agpest_H.ST.2001.7.3.Z	State	2001	Ag Pest
G_CCOS2_BA_OM1	ba.om.73.Z	BA	All	Ships/Air/Off-Road Rec
G_CCOS2_BA_SAA	ba.saa.73.Z	BA	All	SAA
G_CCOS2_BA_SP	ba.sp.73.Z	BA	Post 99	Point
G_CCOS2_MBU_OM1	mbu.om1.73.Z	MBU	All	Ships/Air/Off-Road Rec
G_CCOS2_MBU_SAA	mbu.saa.73.Z	MBU	All	SAA
G_CCOS2_MBU_SP	mbu.sp.73.Z	MBU	Post 99	Point
G_CCOS2_METLINK	metrolink.7.3.Z	SC	All	Metrolink

G_CCOS2_NAGPEST		NAGPEST.ST.7.3.Z	State	All	Non-Ag Pest
G_CCOS2_OTHR_SP		oth.sp.73.Z	Other	Post 99	Point
G_CCOS2_OTH_OM1		oth.om1.73.Z	Other	All	Ships/Air/Off-Road Rec
G_CCOS2_OTH_SAA		other.saa.73.Z	Other	All	SAA
G_CCOS2_SB_OM1		sb.om1.73.Z	SB	All	Ships/Air/Off-Road Rec
G_CCOS2_SB_SAA		sb.saa.7.3.Z	SB	All	SAA
G_CCOS2_SB_SP		sb.sp.73.Z	SB	Post 99	Point
G_CCOS2_SJV_OM1		sjv.om1.73.Z	SJV	All	Ships/Air/Off-Road Rec
G_CCOS2_SJV_SAA		sjv.saa.73.Z	SJV	All	SAA
G_CCOS2_SJV_SP		sjv.sp.7.3.Z	SjJV	Post 99	Point
G_CCOS2_TRAINS		trains.73.Z	State	All	Trains
G_CCOS2_VEN_OM1		ven.om1.73.Z	VEN	All	Ships/Air/Off-Road Rec
G_CCOS2_VEN_SAA		ven.saa.73.Z	VEN	All	SAA
G_CCOS2_VEN_SP		ven.sp.73.Z	VEN	Post 99	Point

	File#	**File Names**		**File Contents**	
I. Subdirectory: JULSAT			**Region**	**Years**	**Categories**
GIS_CCOS_OFFROAD		ccos.offroad.76.Z	State	All	OFFROAD
GIS_CCOS_OFF_IC		off.ic.76.Z	State	All	Stat Non-Ag IC
GIS_CCOS_SC_OM1		sc.om1.76.Z	SC	All	Ships/Air
G_CCOS2_SC_OM2		sc.om2.76.Z	SC	All	Off-Road Rec
GIS_CCOS_SC_SAA		sc.saa.76.Z	SC	All	SAA
GIS_CCOS_SC_SPNR		sc.spnr.76.Z	SC	Post 99	Non-Recl
GIS_CCOS_SC_SPR		sc.spr.76.Z	SC	Post 99	Reclaim
GIS_STATE1990PT		state.1990.sp.76.030307.Z	State	1990	Point
G_CCOS2_AGPEST5		ag.pest.7.6.nonsc.Z	Non-SC	Post 2001	Ag Pest
G_CCOS2_AGPEST5		ag.pest.7.6.sc.Z	SC	Post 2001	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.1990.7.6.Z	State	1990	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.1999.7.6.Z	State	1999	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.2000.7.6.Z	State	2000	Ag Pest
G_CCOS2_AGPEST_H		agpest_H.ST.2001.7.6.Z	State	2001	Ag Pest
G_CCOS2_BA_OM1		ba.om.76.Z	BA	All	Ships/Air/Off-Road Rec
G_CCOS2_BA_SAA		ba.saa.76.Z	BA	All	SAA
G_CCOS2_BA_SP		ba.sp.76.Z	BA	Post 99	Point
G_CCOS2_MBU_OM1		mbu.om1.76.Z	MBU	All	Ships/Air/Off-Road Rec
G_CCOS2_MBU_SAA		mbu.saa.76.Z	MBU	All	SAA
G_CCOS2_MBU_SP		mbu.sp.76.Z	MBU	Post 99	Point
G_CCOS2_METLINK		metrolink.7.6.Z	SC	All	Metrolink
G_CCOS2_NAGPEST		NAGPEST.ST.7.6.Z	State	All	Non-Ag Pest
G_CCOS2_OTHR_SP		oth.sp.76.Z	Other	Post 99	Point
G_CCOS2_OTH_OM1		oth.om1.76.Z	Other	All	Ships/Air/Off-Road Rec
G_CCOS2_OTH_SAA		other.saa.76.Z	Other	All	SAA
G_CCOS2_SB_OM1		sb.om1.76.Z	SB	All	Ships/Air/Off-Road Rec
G_CCOS2_SB_SAA		sb.saa.7.6.Z	SB	All	SAA
G_CCOS2_SB_SP		sb.sp.76.Z	SB	Post 99	Point
G_CCOS2_SJV_OM1		sjv.om1.76.Z	SJV	All	Ships/Air/Off-Road Rec
G_CCOS2_SJV_SAA		sjv.saa.76.Z	SJV	All	SAA
G_CCOS2_SJV_SP		sjv.sp.7.6.Z	SjJV	Post 99	Point
G_CCOS2_TRAINS		trains.76.Z	State	All	Trains
G_CCOS2_VEN_OM1		ven.om1.76.Z	VEN	All	Ships/Air/Off-Road Rec
G_CCOS2_VEN_SAA		ven.saa.76.Z	VEN	All	SAA
G_CCOS2_VEN_SP		ven.sp.76.Z	VEN	Post 99	Point