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METROPOLITAN DALLAS-FORT WORTH INTRA-STATE AIR QUALITY CONTROL REGION

Franklin M. Orr, Jr.

Environmental Protection Agency Rockville, Maryland

May 1971

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AIR POLLUTION REPORT FEDERAL FACILITIES

METROPOLITAN DALLAS - FT WORTH

INTRASTATE AIR QUALITY CONTROL REGION

ENVIRONMENTAL PROTECTION AGENCY
Air Pollution Control Office

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Inventories	С	arbon Monoxi	ide					
Exhaust Emission		articles						
Fuels	===	ydrocarbons		•				
Refuse Disposa		, ========						
Abatement	•	•						
Urban Areas			•					
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ADDENDUM TO THE PUBLICATION

"AIR POLLUTION REPORT ON FEDERAL FACILITIES IN THE METROPOLITAN DALLAS-FT. WORTH INTRASTATE AIR QUALITY CONTROL REGION", May, 1971.

This inventory was prepared consistent with the report entitled "Consultation on the Metropolitan Dallas-Ft. Worth

Intrastate Air Quality Control Region", October 1969, and the geographical designation of January 20, 1970. On February 9, 1971, in line with the concept of including the entire United States in these geographical units called Air Quality Control Regions, this Region was redesignated and its boundaries expanded by the Environmental Protection Agency. Hence, the data presented herein do not reflect Federal facility emissions data for the counties of: Cooke, Erath, Fannin, Grayson, Hood, Hunt, Navarro, Palo Pinto, and Somervell in Texas, which have been added to the region.

Federal Sources Branch Division of Compliance Environmental Protection Agency

November 2, 1971

AIR POLLUTION REPORT FEDERAL FACILITIES

METROPOLITAN DALLAS - FT WORTH

INTRASTATE AIR QUALITY CONTROL REGION

FRANKLIN M. ORR JR.
FEDERAL FACILITIES BRANCH
DIVISION OF ABATEMENT
AIR POLLUTION CONTROL OFFICE
ROCKVILLE, MARYLAND

MAY 1971

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NARRATIVE

This report presents the current status of the Federally owned facilities within the Metropolitan Dallas - Ft. Worth Air Quality Control Region with regard to the implementation of the objectives prescribed by the Clean Air Act, as amended. The data in this report are the most recently available and reflect the current fuel usage, refuse disposal practices, air pollution emissions and proposed abatement measures for the listed installations

I. BOUNDARIES OF THE AIR QUALITY CONTROL REGION

On January 20, 1970, the Metropolitan Dallas - Ft. Worth Intrastate Air Quality Control Region was designated pursuant to section 107(a) of the Clean Air Act, as amended. The 10 county intrastate Region consists of Collin, Dallas, Denton, Ellis, Johnson, Kaufman, Parker, Rockwall, Tarrant and Wise Counties all in the State of Texas.

II. NUMBER OF FEDERAL FACILITIES

There are 112 Federal installations within the Region and of these 41 are involved in burning either fossil fuels or refuse. Table I lists those facilities and the quantities of fuel and refuse burned by each. Table II is a summary of the total annual fuel usage for the respective Counties within the Region. Federal facilities use only natural gas as fuel in this Region. No coal or oil is used.

III. FEDERAL CONTRIBUTIONS TO AIR POLLUTION

The Federal facilities within the Metropolitan Dallas - Ft. Worth Air Quality Control Region emit annually a total of 4300 tons of hydrocarbons, 470 tons of nitrogen oxides (NO_X), 47 tons of particulates (PART), 36 tons of carbon monoxides (CO) and 4 tons of sulfur oxides (SO_X). Federal facilities contribute approximately .1 percent of the particulates and .03 percent of the sulfur oxides emitted by all sources in the region.

Aircraft emissions as well as emissions from other transportation sources are not included in this report. Such emissions are significant, however. Annual emissions from Federally owned aircraft are estimated to be approximately 4400 tons of hydrocarbons, 1700 tons of particulates, 2100 tons of nitrogen oxides and 21,000 tons of carbon monoxides. This estimate does not include the contribution of helicopter flights at Fort Wolters for which no estimates are available.

Table IV lists those Federal facilities which are classified as major point sources. Two such sources exist in the region: the Navy Aircraft Plant and Air Force Plant 04. Emissions for Air Force Plant 04 were estimated since the required data were not supplied by the contractor operating the facility.

IV. REMEDIAL ABATEMENT MEASURES PROPOSED

Seven Federal facilities, listed in Table VI, reported air pollution problems and/or proposed remedial measures in their 1967-1972 five year abatement plans. These actions and the expected reductions in the air pollution emissions produced by these facilities when all of the abatement plans have been put into effect are presented by Table VII.

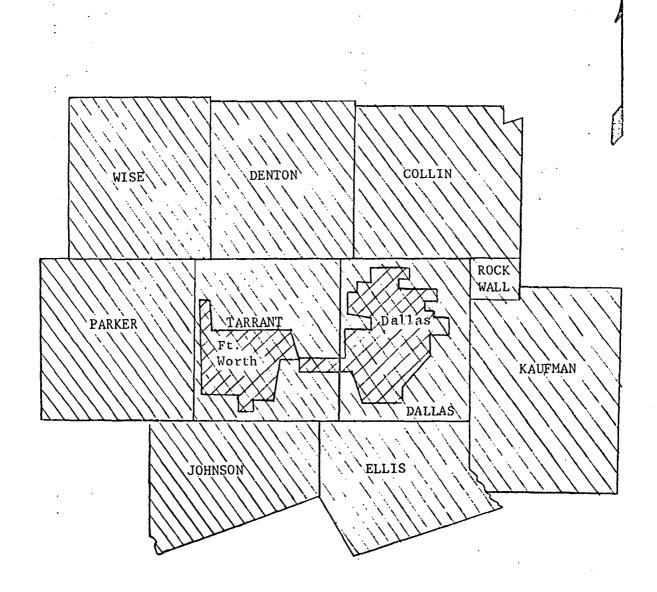


FIGURE 1

METROPOLITAN DALLAS - FORT WORTH INTRASTATE

AIR QUALITY CONTROL REGION

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	(LBS/DAY)		FUELS (1	PER YEAR)			
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)		RESID DIL (GALS)	COAL (TONS)	COMMENTS	
TEXAS COLLIN FARMERSVILLE								
POST OFFICE 203 MCKINNEY	0	10	330	0	0	0		
FAARMLR	0	. 0	. 0	0	0	0	RADAR MICRO- WAVE LINK	
TEXAS COLLÍN MCKÍNNEY			·		·			
FED BLDG LAMAR ST	0	/ 0	1095	0	0	0	·	
JOB CORPS MCKINNEY	0	0	1098	0.	0	0		
TEXAS COLLIN PLANO	·							
FAAVTAC	0	0	. 0	0	0	0	RANGE/DIRECT AID	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
	REFUSE (LBS/DAY)	FUE	LS (PER	YEAR) 			
LOCATIONS	OPEN BURNING			GAS DIST OIL RESID OIL COAL (MCF) (GALS) (GALS) (TONS)			COMMENTS	
FAARTR	. 0	0	O	0	0	0	TRANSMITTER/ RECEIVER	
TEXAS COLLIN								
RENNER FAARMLR	0	0	0	0	0.	0	RADAR MICRO- WAVE LINK	
TEXAS COLLIN							;	
WYLIE LAVON RESERVOIR	0	0	0	0	0	Ó		
TEXAS DALLAS ADDISON				· · ·				
FAAVOR	0	0	0	o	0	0	RANGE/DIRECT AID	
TEXAS DALLAS DALLAS					•	·		
VA HOSPITAL S LANCASTER	0	1005	88250	0	0			

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	LBS/DAY)		FUELS (
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
PO & CTHSE BRYAN ST	0	0	20340	, o	0	0	
US TERMINAL Annex	0	0	6640	0	0	0	
CTHSE & FOB COMMERCE ST	0	0	16300	0	0	0	·
FOB SITE COMMERCE ST	. 0	0	0	0	0	0	
FAAOM	0	O :	o	0	0	0	OUTER Marker
FAAFM	0	0	0	0	0	0	RADIO MARKER BEACON
FAA—RTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE ((LBS/DAY)		FUELS (PER YEA			
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)		RESID OIL (GALS)	COAL (TONS)	COMMENTS
FAAALSF	o	0	0	0	0	0	APPROACH Light system
FAALOC	0	0	· 0	0	0	0	HORIZONTAL NAV AID
FAAGS	0	0	0	. 0	0	0	VERTICAL NAV AID
FAAPAR	. 0	0	0	0	0	0	APPROACH RADAR
FAARTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER
FAAALSF	0	0	0	0	0	0	APPROACH LIGHT SYSTEM
FAAMM	0	0	0	0	Ō	0	MIDDLE MARKER

7

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	(LBS/DAY)		FUELS (PE	R YEAR)	· · · · · · · · · · · · · · · · · · ·	
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL R	ESID OIL (GALS)	COAL (TONS)	COMMENTS
FAAVASI	0	0	0	. 0	0	0	LANDING LIGHTS
FAAATCT	0 .	. 0	0	0	0	0	AIR TRAFFIC CNTRL TOHER
CAA-ATCT	0	0	0	0	0	o ,	AIR TRAFFIC CNTRL TOWER
FAARTR	0	0	0	. 0	0	0	TRANSMITTER/ RECEIVER
MATERIALS TSTNG LAB	0	. 0	955	0	0	0	
NAVY AIRCRFT PLANT	0	1920	1148789	0	0	0	REFUSE COLLECTED
NAVAL AIR STATION	5	45	61400	0	.0	0	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	(LBS/DAY)		FUELS (PER YEAR)				
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS	
NAVAL RSRVE TNG CTR	0	0	ō	0	Ö	0	: :: :::::::::::::::::::::::::::::::::	
ARMY RESERVE CENTER 01	0	0	1800	0	0	0	REFUSE COLLECTED	
ARMY RESERVE CENTER 02	0	0	1800	0	0	0	REFUSE COLLECTED	
DALLAS DUNCANVILLE						-		
FAAH	o	0	0	0	0	0	HOMING BEACON	
NIKE DALLAS FT WORTH HQ	0	.	0	0 .	0	0	CLOSED	
TEXAS DALLAS MESQUITE			- 1 - 145 を な - 1745		en e	ros.		
ARMY RESERVE CTR MESQUITE	0	0	1800	0	0	0	REFUSE COLLECTED	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	t		,				
	REFUSE	(LBS/DAY)		FUELS {	PER YEAR)		9
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST DIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
TEXAS DALLAS GARLAND		(-					To the state of th
GARLAND ARMORY CMF	0	0	O	0	0	0	COMMUNICAT FACILITY
TEXAS DALLAS GRND PRAIRIE							
NATIONAL GUARD	0	0	2500	0	0	O	
TEXAS DALLAS SEAGOVILLE	·						
GEN INDUSTR FED CORRECT	Ó	Ö	O	0	0	o	INCLUDED IN CORRECT INST
FED CORREC- TIONAL INST	0	0	141000	0	0	0	
TEXAS DENTON DENTON		1 37 124 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			en e		
POST OFFICE 218 N LOCUST	0	0	65	0	0	0	REFUSE COLLECTED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

		·	y				, ,
a same also proven	REFUSE	LBS/DAY)		FUELS (PER YEAR')		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST DIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
FEDERAL CNTR HIWAY 288	o	54	302	0	o	0	
FED OFFICE SITE) 0	0	. 0	0	0 ^	0	NO BLDG ON SITE
TEXAS DENTON LEWISVILLE			;				SC-Change and a scale of the sc
LEWISVILLE DAM	0	0	120	0.	0	o ·	
RADIO FACIL- ITY LEWISVIL	. O	0	0	0	0	o	•
TEXAS DENTON PONDER					•.		
FAARMLR	* * * * * * * * * * * * * * * * * * *	7.0	0		0	, 0	RADAR MICRO- WAVE LINK
TEXAS DENTON NO CITY ID	S _a ri, Sart A sur					• • •	
NIKE DALLAS- FT WORTH 01	0	0	0	0	0	0	CLOSED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

							
	REFUSE	(LBS/DAY)	F	UELS (PE	R YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION		IST OIL P	(GALS)	COAL (TONS)	COMMENTS
HIGH FREQ RADIO DENTON	0	0	0	0	0	0	NO PERSONAL AT INST
TEXAS ELLIS BRITTON	,	; .					. •
FAAVTAC	0 :	6	, 0	¹ O	0	0	RANGE/DIRECT AID
TEXAS ELLIS ENNIS	•					•	in Cash
POST OFFICE W KNOX ST	o	0	499	° 0	0	0	REFUSE COLLECTED
BARDWELL RESERVOIR	0	0	0	0	0	0	
TEXAS ELLIS	2 5 4 4 5 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Telling the Control				F 4 ** 1	12874 142 550
WAXAHATCHIE	J			* *	* * * ; ;		
PO, FED BLDG 401 S ROGERS	0	0	525	0	0	0	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE (LBS/DAY)	I	FUELS (PER YEAR)]
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)		RESID OIL (GALS)	COAL (TONS)	COMMENTS
FEDERAL CNTR HIWAY 288	, O	54	302	0.1	0	0	
FED OFFICE SITE	į o	0	. 0	· 0	0 ·	0	NO BLDG ON SITE
TEXAS DENTON LEWISVILLE	÷						•
LEWISVILLE DAM	0	0	, , 120	. 0	0	0	n di Nedi i i krija i i i i Li di Nedi i i krija i i i i
RADIO FACIL- ITY LEWISVIL	0	0	. 0	0	0	0	
TEXAS DENTON PONDER						ş*	ing a second of the second of
FAARMLR	0:1	0:	0	0	0	√ ± 0 ↑ 0 .	RADAR MICRO- WAVE LINK
TEXAS DENTON NO CITY ID	itanii Taraanii Maalaasii		,				
NIKE DALLAS- FT WORTH 01	0	0	0	0	0	0	CLOSED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	(LBS/DAY)		FUELS (PER YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
HIGH FREQ RADIO DENTON	0	0	0	0		O :	NO PERSONAL AT INST
TEXAS ELLIS BRITTON		,		· · ·			
FAAVTAC	0	0	. 0	0	0	0	RANGE/DIRECT AID
TEXAS ELLIS ENN S		<u>.</u>	·				·
POST OFFICE	O	0	499	0	0	0	REFUSE COLLECTED
BÅRDWELL RESERVOIR	0	: 0	0	0	0	0	
TEXAS ELLIS WAXAHATCHIE	10 10 10 10 10 10 10 10 10 10 10 10 10 1		,		A STATE OF THE STA	11 (1) 2 (2) 3 (4)	
PO, FED BLDG 401 S ROGERS	0	0	525	0	0	0	

		,	TABLE I	FOR FEDER	RAL FACILII	TIES	CONTROLED
		LBS/DAY)			PER YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION		DIST OIL (GALS)	RESID DIL (GALS)		COMMENTS FORT FREEDR
TEXAS	·						0.550.55
POST OFFICE N ROBINSON	0	0 ·;	736	, ,	0	0	REFUSE ACOLLECTED
TEXAS JOHNSON NO CITY ID							
NIKE DALLAS- FT WORTH 50	0	0	0	0	0	0	CLOSED
TEXAS KAUFMAN KAUFMAN		·					
POST OFFICE W MULBERRY	0	1	317	1 1 71 7	· 20 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i \	REFUSE COLLECTED
TEXAS KAUFMAN TERRELL	P. C. C.						
FED BLDG FRANCIS AVE	2 000	, a to sa O H Za	11106	, , , , , 0	# 0	0	

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	LBS/DAY)	F	UELS (PE	R YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS D		RESID OIL (GALS)	COAL (TONS)	COMMENTS
TEXAS KAUFMAN NO CITY ID				•			
NIKE DALLAS- FT WORTH 20	0	0	0	0	0	· 0	CLOSED
TEXAS PARKER MILLSAP							
FAAVTAC	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS PARKER WEATHERFORD					,		
POST OFFICE 117 FT WORTH	0	• • • • • • • • • • • • • • • • • • •	933		81.1 THE		REFUSE COLLECTED
TEXAS PARKER NO CITY ID							
FORT WOLTERS	::- o		193930	198 12 × 0 = 1	\$ 6 1 1 1 1 0 0 0	£250 0	REFUSE COLLECTED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE (LBS/DAY)	4	FUELS (PER YEAR)	•	
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST DIE	RESID DIL (GALS)	COAL (TONS)	COMMENTS
TEXAS ROCKWALL ROCKWALL		:	, Wigo k	<i>3</i> •	:		せんたん えんま・ル
POST OFFICE & FED BLDG	0 :	0	3200	Ö	0	0	क्षेत्रका हैं
TEXAS TARRANT BENBROOK				• 4	O		(1) 化二氢医复苯酚
DENDROOK			11.65	.3			Market Company
CARSWELL 02 VOR	0	0	0	0	0	. 0	RANGE/DIRECT
CARSWELL OM	0.	0	o	0	0	o	OUTER MARKER
TEXAS		*:)	(.	· .	(1) 11 (1) (1) (1) (1) (1) (1) (1) (1) (
TARRANT CARSWELL AFB	adan m	Fr 12 200	* ;	(1) 1 (1) 1 (4) (1)	191121 2011 21	1 X 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	687
CARSWELL AFB.	0	1475	352232		o	· · · · · · o	
TEXAS TARRANT FORT WORTH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 	esta y		S E V		. 4 ·	
NAT FISH HATCHERY	O	25	o	0	. 0	o	

TABLE I FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	t		t				·
· · · · · · · · · · · · · · · · · · ·	REFUSE	(LBS/DAY)		FUELS (PER YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
POST OFFICE JENNINGS ST	0	o	11908	0	0	0	REFUSE COLLECTED
CTHSE, 10TH LAMAR STS	0	. O	6224	0	0	o ., :	REFUSE COLLECTED
FED BLDG 819 TAYLOR	0	0	168912	0	0	0	REFUSE COLLECTED
PARKING FAC. 065 LAMAR	0	0	o	0	0	0	
FEDERAL CTR PEMPHILL ST	0	Ò	80402	0	0	0	REFUSE COLLECTED
FAA REGIONAL UFFICE	0	0	70052	0	0	0	
FAAARTCC	(a) (a)	18 10 1 34 18 10 1 34 18 10 1 34	1697	7 7 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·		AIR TRAFFIC CONTRL CTR

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BOND TO THE RECORD AND THE SECOND STATE OF THE

TABLE I FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	(LBS/DAY)		FUELS .	PER YEAR)	·	
LOCATIONS	-OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST CIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
FAALOC	0	0	0	0	0	0	HORIZONTAL NAV AID
FAAALSF	0	. 0	0	0	0	0	APPROACH LIGHT SYSTE
FAAGS	0	O :	0	. 0	0	0	VERTICAL ', NAV. AID
FAARTR ,	0	0	0	0	O :	o :	TRANSMITTER/
FAAOM	0	0	0	0	0	0	OUȚER , MARKER
FAARCAG	0	0	0	0	0	0	VHF RADIO EQUIPMENT:
FAAESS	0	0	0	. O	0	o	NAVIGATIONAL AID

 $(t+s) = \{t_1, \dots, t_n\} \setminus \{t_n\}$

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TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE (LBS/DAY)	F	UELS (P	ER YEAR)		
LOCATIONS	OPEN . BURNING	INCIN- ERATION	. GAS	OIST CIL	RESID OIL (GALS) (T	OAL ONS)	COMMENTS
FAAVTAC	0	0	0	C	0	0	RANGE/DIRECT AID
FAAASR	0	0	0	0	0	0	AIRPORT RADAR
FAAYL	. O	0	0	o ;	0	0	NAVIGATIONAL AID
FAAMM	0	0	0	0	0	0	MIDDLE MARKER
FAALOC	0	0	0	0	0	0	HORIZONTAL NAV ALD
FAAGS	0	. 0	0	0	0	0	VERTICAL NAV AID
FAARTR	0	0	0 	0 .			TRANSMITTER/

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE (LBS/DAY)		FUELS (PER YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
FAA-LOC	0 ,	o	.0	0		0	HORIZONTAL NAV AID
FAAALSF	.0	0	0	o	. 0	O *	APPROACH LIGHT SYSTEM
FAAGS	0	o	0	0	0	o	VERTICAL .,,NAV AID
FAARTR	0	0	0	0	0	0	TRANSMITTER/. RECEIVER:
FAAOM	0	0	0	0	0	0	OUTER : Marker
FAARCAG	0	0	0	O	0	0	VHF RADIO EQUIPMENT:
FAAESS	0	0	. 0	0	0	o	NAVIGATIONAL AID

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

,	REFUSE (LBS/DAY)		FUELS (PER YEAR)		
LOCATIONS	ÜPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST CIL	RESID OIL (GALS)	COAL (TONS)	COMMENTS
FAAVTAC	0	0	0	C	0	0	RANGE/DIRECT
FAAASR) } •	0	0	0	0	0	AIRPORT RADAR
FAAYL	0	0	0	0	o	0	NAVIGATIONAL AID
FAAMM	, O	0	0	0	o	0	MIDDLE MARKER
FALLOC	0	0	0	.0	0	0	HORIZONTAL ,
FAAGS	0	0	O	0	0	0	VERTICAL NAV AID
FAARTR	0 -,	0	1 11 - 2 - 0 1 - 1 - 1 - 2 - 3	0.	_	, , , , , , , , , , , , , , , , , , ,	TRANSMITTER/ RECEIVER

of the solid and approximately an experience of the grown with their

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

1	REFUSE (LBS/DAY)		FUELS (PER YEAR)		
LOCATIONS	UPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
FAAMM	0	Ó	o	0	0	0	MIDDLE MARKER
FAARTR	0	0	0	0	0	0	TRANSMITTER/ RECEIVER
NIMH CLINICL RES CTR	0	0	258876		0	0	REF HAULED
RADIO FAC BENBROOK	0	0	0		0	Ō	:
NAVAL RESRVE TNG CTR	0	0	4541	0	0	0	
ARMY RESERVE CTR FT WORTH	0	0	2000	0	0	0	REFUSE COLLECTED
SAGINAW ARMY AIRCRAFT PLT	0	0	52099	0	0	0	REFUSE COLLECTED

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	(LBS/DAY)	F	UELS (F	PER YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	IST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
AF PLANT 04	o	0	1660000	. 0	. 0	0	EMISSIONS ESTIMATED
CARSWELL 02	0	0	. 0	0	0	0	
CARSWELL 01 CST	0	0	0	. 0	0	0	
CARSWELL 02 CST	· 0	0	0	0	, 0	. 0	
FT WORTH ARC .	0	. 0	0	0	0	.0	INCLUD USARC FT WORTH
CARSWELL AMO	0	0	0	0	0	0	STORAGE ONLY
TEXAS TARRANT KELLER				.*	4		
FAAARSR	0		0	0 :	0	0	LONGRANGE RADAR

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE	LBS/DAY)		FUELS (PER YEAR)		
LOCATIONS	OPEN BURNING	INCIN- ERATION	GAS (MCF)	DIST OIL (GALS)	RESID OIL (GALS)	COAL (TONS)	COMMENTS
FAARCAG	0	0	0	0	0	0	VHF RADIO EQUIPMENT
FAARMLR	0	0	. 0	. 0	0	0	RADAR MICRO- WAVE LINK
TEXAS TARRANT FT MANSFIELD							
PORT OCCNNOR STATION	· 0	0	o	0	0	0	REFUSE CONTR HAULED
PORT MANS- FIELD LASTA	0	0	0	0	0	0	REF HAULED TO CITY DUMP
PORT MANSFLD FAM HSG	0	0	o	0	0	0	
TEXAS TARRANT SAGINAW		-					
FAAOM	0	0	0	0	0	0	OUTER Marker

TABLE I

FUEL USAGE AND REFUSE DISPOSAL FOR FEDERAL FACILITIES

	REFUSE (LBS/DAY)		FUELS (PER YEAR)				
LOCATIONS	OPEN BURNING	INCIN- ERATION		ST DIL RE		COAL TONS)	COMMENTS
CARSWELL 01 VOR	0	0	0	0	0	0	RANGE/DIRECT AID
TEXAS TARRANT WHITE STLMNT		·					
CARSWELL MM	0	0	0	0		0	MIDDLE MARKER
TEXAS WISE BOYD			·				
FAARMLR	o :	0	0	0	0	0	RADAR MICRO- WAVE LINK
TEXAS WISE BRIDGEPORT			·				
FAAVTAC	0	. 0	0	0	0	. 0	RANGE/DIRECT AID
TEXAS WISE DECATUR			-				
POST OFFICE S TRINITY ST	0	0	243	0	0.	0	REFUSE COLLECTED

TABLE II

ANNUAL FUEL USE BY FEDERAL FACILITIES

	COAL (TONS)	RESID DIL (GAL)	DIST DIL (GAL)	GAS (MCF)
		•	•	
TEXAS			,	
COLLIN	0.	0.	0.	2523.
DALLAS	0.	C.	0.	1491574.
DENTON	0.	0.	0.	487.
ELLIS	0.	0.	0.	1024.
JOHNSON	0.	0.	0.	736.
KAUFMAN	· 0•	0.	0.	1423。
PARKER	0.	0.	0.	194863。
ROCKWALL	· 0•	. 0,	0.	3200。
TARRANT	0.	. 0.	. 0.	2668943.
₩ISE	0.	0.	0.	243.
TOTAL	0.	c.	0.	4365016。

TABLE III

FEDERAL CONTRIBUTION TO AIR POLLUTION
(TONS/YEAR)

	sox	NOX	co	PART	нс
TEXAS COLLIN DALLAS DENTON ELLIS JOHNSON KAUFMAN PARKER ROCKWALL TARRANT WISE	0. 3. 0. 0. 0. 0.	0. 210. 0. 0. 0. 0. 11. 0. 250.	0. 31. 0. 0. 0. 0. 0.	0. 20. 0. 0. 0. 2. 0. 25.	0. 2000. 0. 0. 0. 0. 2300.
STATE TOTAL	4.	470.	36.	47.	4300.
AREA TOTAL	4.	470.	36 .	47.	4300.

NOTE: (1) EMISSIONS REPORTED IN SIGNIFICANT FIGURES

(2) EMISSIONS LESS THAN 0.5 TONS/YR REPORTED AS ZERO

TABLE IV

FEDERAL POINT SOURCES (TONS/YEAR)

	sox	NOX	CO	PART	нс
TEXAS DALLAS					
NAVY AIRCRFT PLANT	2.	190.	19.	16.	2000.
TARRANT		· ·	•		
AF PLANT 04	0.	180.	0.	15.	2200.

NOTE: (1) A POINT SOURCE IS AN INSTALLATION WHICH EMITS OVER
100 TONS/YEAR OF ONE OR MORE OF THE FIVE POLLUTANTS
(2) EMISSIONS REPORTED IN SIGNIFICANT FIGURES

TABLE V

ABATEMENT PROGRAM FOR FEDERAL PROBLEM AREAS

- A. Problem
- B. Abatement measures proposed in five year plan *
- C. Abatement measures accomplished or in progress

TEXAS

DALLAS COUNTY

DALLAS

Veterans Administration Hospital

- Incinerator
- Update incinerator and add scrubber
- Preliminary planning completion 6/71

SEAGOVILLE

Federal Correctional Institution

- Open burning and inadequate landfill
- Install 600 lb/hr incinerator, develop adequate landfill for noncombustibles
- Under design completion 6/72

DENTON COUNTY

DENTON

Federal Center

- A. 200 lb/hr incinerator
- B. Abandon incinerator, install pulper
- C. Under construction, completion 6/71

PARKER COUNTY

NO CITY IDENTIFICATION

Fort Wolters

- A. Two classified waste incinerators
- Install shredders
- Completed 9/70 C.
- 1967-72 plan per Executive Order 11282, superseded by Executive Order 11507.

TARRANT COUNTY

CARSWELL AFB

Carswell Air Force Base

- A. Classified waste incinerator
- B. Install dry type pulverizer-destructor
- C. Preliminary planning completion 8/72

FORT WORTH

National Institute of Mental Health Clinical Research Center

- A. Single chamber incinerator
- B. Contract haul to county landfill
- C. Completed

Air Force Plant 04

- A. Hydrocarbon Emissions
- B. Stack controls
- C. Study in progress

TABLE VI

POLLUTANT REDUCTION GOALS
(TONS/YEAR)

	sox	NOX	со	PART	HC
TEXAS					
COLLIN	0	0	0	. 0	0
DALLAS	0	0	Ö	0	0 -
DENTON	0	0	0	0	0
ELLIS	0	0	0	• 0	0
JOHNSON	0	0	0	0	0
KAUFMAN	0	. 0	0	0 '	0 .
PARKER	0	0	0	1	0
ROCKWALL	0	0	0	0	0
TARRANT	0	0	0	0	. 0
Wise	0	0	0	0	0
STATE TOTAL	0	0	0	1	0
AREA TOTAL	0	0	0	1	0

NOTE: IHESE REDUCTIONS WILL RESULT FROM ABATEMENT MEASURES PROPOSED, BUT NOT YET ACCOMPLISHED, IN THE FIVE-YEAR PLAN.

REFERENCES AND NOTES

- Duprey, R.L., Compilation of Air Pollutant Emission Factors, Public Health Service Publication No. 999-AP-42, 1968.
 - All calculated emissions are based on these factors.
- 2. Report of Consultation on the Metropolitan Dallas Ft. Worth

 Intrastate Air Quality Control Region, Public Health
 Service October 1969.

Data on emissions from all sources used to calculate percent government contribution were obtained from this report.

- 3. <u>Clean Air Act, as amended</u> (42 U.S.C. 1857 1857L) Sec 107, Sec 111. November 21, 1967.
- 4. Executive Order 11507, Prevention, Control, and Abatement of Air and Water Pollution at Federal Facilities, February 4, 1970.
- 5. <u>Title 42 Public Health</u>, Chapter I, Subchapter F, Part 76, June 2, 1966.
- 6. Bureau of the Budget Circular A-78, May 18, 1970.
- 7. 1970 GSA Listing of Real Property owned by the Federal Government.