Mayor
William Siegel
Mayor Pro Tem
Lois Wynne
Council Members
John Gordon
Eddie Neal
Willard Rodarmel

City of
LEMOORE
CALIFORNIA

Office of the City Manager

119 Fox Street
Lemoore ◆ CA 93245
Phone ◆ (559) 924-6700
FAX ◆ (559) 924-9003

To: **Lemoore City Council**

From: **Jeff Laws, City Manager**

Date: **May 2, 2014**

Subject: **Activity Update**

Reports

- Building Report — March 2014
- Lemoore Volunteer Fire Department Report — March 2014
- Planning Applications — January 1 - April 9, 2014
- Refuse Report — March 2014
- Water Production Report — March 2014
- Chamber of Commerce Quarterly Update — 1st – 3rd Qtrs FY 13-14
- Trip Report - Kendall
- Trip Report – Moritz
- Trip Report – Smith
- Trip Report – Wallace
- 2013 Annual Report on Toxic Emissions from Valley Facilities

Letter

- Anonymous response to water conservation flyer

MARCH 2014

CITY OF LEMOORE
BUILDING INSPECTION PERMITS REPORT

Fiscal Year 2013-14

	PERMITS ISSUED		VALUATION	
Description	**Current Month**	**Current Year to Date**	**Current Month**	**Year to Date**
Res. Single Family - New	6	65	$ 1,016,587.98	$ 10,870,662.30
Res. Condo./PUD - New	0	0	$ -	$ -
Res. Multi-Family - New	1	1	$ 7,256,735.00	$ 7,256,735.00
Apartment - New	0	0	$ -	$ -
Commercial / Industrial - New	1	0	$ 1,725,000.00	$ 1,725,000.00
Alterations - Residential	28	288	$ 256,210.36	$ 3,353,449.31
Alterations - Commercial / Industrial	6	33	$ 189,500.00	$ 856,952.00
Swimming Pool	4	11	$ 129,775.00	$ 342,275.00
Bldg. Moved or Demolished	0	1	$ -	$ -
TOTALS	46	399	$ 10,573,808.34	$ 24,405,073.61

DWELLING UNITS

Description	Current Month	Current Year to Date	Location of Multi-Family Units	Last Year to Date
Single Family	6	65		70
Condo/PUD	0	0		0
Multi-Family	1	88	88 UNITS AT 341 N 19TH AVE	0
Apartments	0	0		0
TOTALS	7	153		70

CITY OF LEMOORE
NEW PERMITS ISSUED REPORT
MARCH 2014

Permit #	A. P. N.	Owner Information	Address	Work Description	Valuation	Bldg	Plumb	Elect	Mech	Seismic
1309-047	023-460-010	GHQ INVESTMENTS	341 N 19 1/2 AVE	THE GROVE APARTMENTS, PHASE I- 88 UNITS INCLUDING REC BLDG	7,256,735.00	22,161.75	7,811.00	5,621.04	2,639.75	725.67
1312-039	021-810-024	WOODSIDE 06N LP	700 ARLINGTON PL	SFR, 3 CAR GARAGE,TWO STORY, ELEV. B	233,832.98	1,565.00	151.00	125.15	35.00	23.38
1401-012	024-051-035	ENTERPRISE & COMMERCE LLC	1500 ENTERPRISE DRIVE	CONSTRUCTION OF NEW WAREHOUSE-COMMERCIAL	1,725,000.00	6,948.75	20.00	15.00	22.00	362.25
1401-048	021-300-009	LEMOORE CAPITAL LP	1260-1270 N LEMOORE AVE	TENANT IMPROVEMENT FOR A MEDICAL CLINIC	160,000.00	1,195.00	160.00	123.30	182.50	33.60
1401-073	023-100-001	MORA, FRANCISCO & ANA M ACOSTA H/W	724 S LEMOORE AVE	PATIO COVER	6,050.00	125.00	0.00	0.00	0.00	0.61
1402-006	021-830-056	WATHEN-CASTANOS	1075 GENEVA DR	SOLAR, ROOF MOUNT SYSTEM, 8 PANELS	4,420.00	125.00	0.00	15.00	0.00	0.50
1402-015	021-830-041	WATHEN-CASTANOS	1042 GENEVA DR	SOLAR, ROOF MOUNT SYSTEM, 20 PANELS	11,050.00	125.00	0.00	15.00	0.00	1.11
1402-022	021-750-064	MC DONALD, KATHY	1486 ORANGE ST	SWIMMING POOL,	27,900.00	235.00	0.00	0.00	0.00	2.79
1402-031	021-810-001	RUGUIAN, ROMMEL D & BELLA U H/W	751 AMERICAN AVE	SWIMMING POOL	42,500.00	235.00	0.00	0.00	0.00	4.25
1402-032	021-800-050	WOODSIDE 06N LP	1071 REVERE WAY	SWIMMING POOL	23,875.00	235.00	0.00	0.00	0.00	2.39
1402-034	021-130-047	ESPARZA, ELENA	826 DUBLIN DR	REPLACE GAS LINE TO SWIMMING POOL	0.00	0.00	20.00	0.00	0.00	0.00
1403-001	021-210-028	HENRY, WILLIAM & PATRICIA A B H/W JT	1192 ASHLAND DR	TEAR OFF, RESHEET, 30 YR SHINGLES	10,980.00	105.00	0.00	0.00	0.00	1.10
1403-002	021-420-021	HENRY, WILLIAM H JR & P A BACHMEIER-HENRY	31 W DEODAR DR	TEAR OFF, RESHEET, 30 YR COOL ROOF	7,700.00	105.00	0.00	0.00	0.00	0.77
1403-003	021-430-071	RODARMEL, WILLARD & BARBARA H/W JT	460 W DEODAR DR	A/C CHANGEOUT, 4 TON, 16 SEER	0.00	0.00	0.00	0.00	64.00	0.00
1403-005	023-190-033	WEEKS, DELORIS T	499 BLAKELEY DR	TEAR OFF, RESHEET, 40 YR COMP	8,500.00	105.00	0.00	0.00	0.00	0.85
1403-006	020-081-004	ABELLEIRA, ELISA M 50%	525 W D ST	TEAR OFF, RESHEET, 30 YR COMP	10,600.00	105.00	0.00	0.00	0.00	1.06
1403-009	021-820-028	BISNAR, ARNEL S	992 TRADITION DR	PATIO IN REAR OF HOME	3,000.00	170.00	0.00	0.00	0.00	0.50
1403-010	021-200-013	GOMEZ, ILDEFONSO G & SOFIA GAMINO H/W	1392 ASHLAND DR	STUCCO ON ENTIRE HOUSE	3,500.00	88.00	0.00	0.00	0.00	0.50
1403-011	023-380-002	CASIDA, HARLIN G 50%	528 S ACACIA DR	TEAR OFF, RESHEET, INSTALL 30 YR	7,970.00	105.00	0.00	0.00	0.00	0.80

CITY OF LEMOORE
NEW PERMITS ISSUED REPORT
MARCH 2014

Permit #	A. P. N.	Owner Information	Address	Work Description	Valuation	Bldg	Plumb	Elect	Mech	Seismic
1403-012	021-080-088	REID, JAMES E & CARLA A H/W	1247 MISSION DR	SOLAR, ROOF MOUNT SYSTEM , 42 MODULES	42,000.00	125.00	0.00	33.50	0.00	4.20
1403-014	020-300-011	RAMIREZ, VICTORIANO M & GLORIA E H/W	55 E D ST	FACIA REMODEL, STUCCO, ADDING PILLARS FOR ARCHES	8,000.00	138.00	0.00	0.00	0.00	1.68
1403-015	020-053-011	ROSARIO, EDMUND A & LIGAYA C H/W	238 W D ST	REPLACEMENT OF SEWER LINE IN COMMERCIAL BUSINESSES.	18,000.00	263.00	35.00	0.00	0.00	3.78
1403-016	021-830-022	WATHEN CASTANOS LEMOORE 872 LP	1025 HEIRLOOM WAY	SFR, SINGLE STORY, 2 CAR GARAGE, 1,711 SQ, ELEV. C, WITH BAY WINDOW AT DINING, COVERED PATIO	130,032.86	1,050.00	111.00	74.89	30.00	13.00
1403-017	021-830-023	WATHEN CASTANOS LEMOORE 872 LP	880 LEGEND DR	SFR, SINGLE STORY, 3 CAR GARAGE, 2,560 SQ, ELEV. B, PATIO COVER	193,433.16	1,365.00	139.00	104.60	30.00	19.34
1403-018	021-830-056	WATHEN-CASTANOS	1075 GENEVA DR	SFR, SINGLE STORY, 3 CAR GARAGE, 1,727 SQ, ELEV. B, WITH BAY WINDOW AT DINING AND MASTER BEDROOM, COVERED PATIO	135,435.46	1,075.00	111.00	75.45	30.00	13.54
1403-019	021-830-054	WATHEN-CASTANOS	1087 GENEVA CT	SFR, SINGLE STORY, 3 CAR GARAGE, 2,560 SQ, ELEV. C, PATIO COVER	195,233.16	1,375.00	139.00	104.60	30.00	19.52
1403-020	021-830-062	WATHEN-CASTANOS	1051 GENEVA DR	SFR, SINGLE STORY, 2 CAR GARAGE, 1,711 SQ, ELEV. B, WITH BAY WINDOW AT DINING	128,620.36	1,040.00	111.00	74.89	30.00	12.86
1403-022	021-250-031	CRAVEN, JAMES JR & KUNIKO O H/W	605 KEITH AVE	ORIGIONAL PERMIT FOR COIL REPLACEMENT. UNIT NEEDED CHANGED OUT. THIS PERMIT IS FOR REMAINING FEE FOR UNIT REPLACEMENT. RE-FER TO BP# 1305-046	0.00	0.00	0.00	0.00	42.00	0.00
1403-024	021-830-027	WATHEN CASTANOS LEMOORE 872 LP	888 LEGEND DR	SOLAR, ROOF MOUNT SYSTEM, 8 PANELS	4,420.00	125.00	0.00	15.00	0.00	0.50

CITY OF LEMOORE
NEW PERMITS ISSUED REPORT
MARCH 2014

Permit #	A. P. N.	Owner Information	Address	Work Description	Valuation	Bldg	Plumb	Elect	Mech	Seismic
1403-025	021-180-017	CERVANTES, CESAR S & LILIA C H/W	1481 MAPLE CT	SOLAR, ROOF MOUNT, 20 PANELS, 125 AMP SERVICE PANEL UPGRADE	20,000.00	125.00	0.00	15.00	0.00	2.00
1403-026	023-200-024	DE ARMOND, LINDA	809 REDWOOD LN	SOLAR, ROOF MOUNT, 32 PANELS	25,000.00	125.00	0.00	15.00	0.00	2.50
1403-027	021-830-065	WATHEN-CASTANOS	1049 HEIRLOOM WY	SOLAR, ROOF MOUNT, 20 PANELS	11,050.00	125.00	0.00	15.00	0.00	1.11
1403-028	021-810-004	HERNANDEZ, ENRIQUE D A	715 AMERICAN AVE	SWIMMING POOL	35,500.00	235.00	0.00	0.00	0.00	3.55
1403-029	021-830-062	WATHEN-CASTANOS	1051 GENEVA DR	SOLAR, ROOF MOUNT, 8 PANEL	4,420.00	125.00	0.00	15.00	0.00	0.50
1403-031	021-300-009	LEMOORE CAPITAL LP	1260-1270 N LEMOORE AVE	FIRE SPRINKLERS, 30 HEADS	0.00	0.00	0.00	0.00	0.00	0.00
1403-032	021-830-016	WATHEN CASTANOS LEMOORE 872 LP	990 LEGEND PL	SOLAR, ROOF MOUNT SYSTEM, 8 PANELS	4,420.00	125.00	0.00	15.00	0.00	0.50
1403-035	021-830-039	WATHEN-CASTANOS	1034 GENEVA DR	SOLAR, ROOF MOUNT SYSTEM, 8 PANELS	4,420.00	125.00	0.00	15.00	0.00	0.50
1403-036	020-172-036	MURRAY, JOHN F & HELEN M H/W	290 VINE ST	HVAC, 4 TON, 15 SEER, 80% AFUE, 100,000 BTU	0.00	0.00	0.00	0.00	64.00	0.00
1403-038	023-280-009	CONNER, ERIC MK & JANICE D H/W	470 ORANGEWOOD DR	TEAR OFF, RESHEET, 3 YR COMP	9,000.00	105.00	0.00	0.00	0.00	0.90
1403-040	020-191-031	NEW LIGHT TEMPLE APOSTOLIC MISSION	257 S HAMLET ST	A/C CHANGEOUT, 13 SEER, TWO 3 TON UNITS	0.00	0.00	0.00	0.00	128.00	0.00
1403-047	021-350-002	BURNES, BRYAN	700 N LEMOORE	TEAR OFF, RESHEET, 30 YR COMP	3,500.00	105.00	0.00	0.00	0.00	0.74
1403-048	021-420-042	HENRY, LAWRENCE W	41 W DEODAR DR	REMODEL OF INTERIOR DUE TO FIRE IN HALL BATHROOM, RE-ROOF DUE TO FIRE, RESHEET AS NEEDED,	29,810.36	397.00	0.00	19.50	0.00	2.98
1403-051	023-460-010	GHQ INVESTMENT	341 N 19 1/2 AVE	TEMP SERVICE	0.00	0.00	0.00	30.00	0.00	0.00
1403-054	021-290-012	HALL, GLENN L & DONNA M TRUST	1424 N LEMOORE AVE, APT B	A/C CHANGEOUT, 13 SEER, 2 TON	0.00	0.00	0.00	0.00	64.00	0.00
1403-056	020-142-008	STUMBAUGH, DORIS C	35 FOLLETT ST	Replace existing gas line	0.00	0.00	25.00	0.00	0.00	0.00
1403-057	021-150-002	ROONEY, MICHAEL	953 CINNAMON DR	A/C CHANGEOUT, 3.5 TON, 13 SEER	0.00	0.00	0.00	0.00	64.00	0.00
46 Permits					**10,545,908.34**	**41,881.50**	**8,833.00**	**6,536.92**	**3,455.25**	**1265.83**

MARCH 2014 - CALENDAR YEAR LVFD MONTHLY CALLS

		WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	MEETINGS / DRILLS	FIRES	EMT	MISC.	MONTLY TOTAL	FIRES / YTD	EMT / YTD	MISC. / YTD	MEETINGS / DRILLS YTD	YEAR TO DATE TOTAL	YTD %
	TOTAL DISPATCHED	**1**	**1**	**1**	**1**	**0**	**4**	**17**	**137**	**2**	**160**	**44**	**355**	**2**	**12**	**413**	**100%**
50		1	1	0	1	0	3	7	56	1	67	15	139	1	10	165	40%
85		1	1	1	0	0	3	5	39	1	48	16	95	1	9	121	29%
49		1	1	1	1	0	4	11	65	2	82	24	167	2	10	203	49%
76		1	1	0	1	0	3	6	37	1	47	13	93	1	8	115	28%
82		1	0	1	0	0	2	2	22	0	26	6	54	0	8	68	16%
84		0	1	1	0	0	2	8	38	1	49	19	92	1	10	122	30%
27		1	0	1	1	0	3	7	44	0	54	16	86	0	11	113	27%
8		1	1	1	0	0	3	9	49	0	61	19	126	0	11	156	38%
80		0	1	0	0	0	1	1	5	0	7	9	45	0	7	61	15%
2		1	0	1	1	0	3	6	48	1	58	23	157	1	9	190	46%
78		1	1	1	1	0	4	6	51	0	61	19	142	0	12	173	42%
48		1	1	1	1	0	4	13	74	2	93	26	185	2	12	225	54%
52		1	1	1	1	0	4	7	36	0	47	14	76	0	11	101	24%
11		1	0	1	1	0	3	8	67	1	79	26	144	1	10	181	44%
56		1	1	1	1	0	4	4	25	0	33	13	75	0	10	98	24%
17		1	1	0	1	0	3	10	38	1	52	19	85	1	11	116	28%
36		0	1	1	1	0	3	12	76	2	93	26	183	2	9	220	53%
35		1	1	0	1	0	3	3	35	1	42	6	72	1	9	88	21%
77		1	1	0	1	0	3	12	67	2	84	28	166	2	11	207	50%
79		1	1	1	0	0	3	5	32	1	41	14	101	1	10	126	31%
81		1	0	0	1	0	2	2	9	0	13	4	31	0	10	45	11%
73		1	1	1	1	0	4	8	27	0	39	16	78	0	12	106	26%
19		1	1	1	1	0	4	6	44	0	54	23	128	0	12	163	39%
23		1	1	1	1	0	4	3	33	1	41	11	88	1	12	112	27%
87		1	1	1	1	0	4	14	104	2	124	35	251	2	12	300	73%
68		1	1	1	1	0	4	11	43	2	60	26	139	2	12	179	43%
83		1	1	1	1	0	4	13	103	2	122	31	220	2	12	265	64%
72		1	1	1	1	0	4	15	50	1	70	28	110	1	12	151	37%
62		1	1	1	1	0	4	9	52	0	65	18	124	0	11	153	37%
24		1	1	0	1	0	3	4	37	1	45	13	91	1	8	113	27%
38		1	1	1	1	0	4	3	13	1	21	6	35	1	9	51	12%
29		1	1	1	1	0	4	8	20	0	32	20	55	0	12	87	21%
65		1	1	1	0	0	3	7	34	0	44	18	91	0	11	120	29%
59		1	1	1	1	0	4	10	33	0	47	16	73	0	10	99	24%
86		1	1	1	1	0	4	5	21	0	30	17	74	0	10	101	24%
							0				0	0	0	0	0	0	0%
		32	**30**	**27**	**28**	**0**	**117**	**260**	**1527**	**27**	**1931**	**633**	**3871**	**27**	**363**		

$9,655.00 **ACCOUNT # 4222-4310**

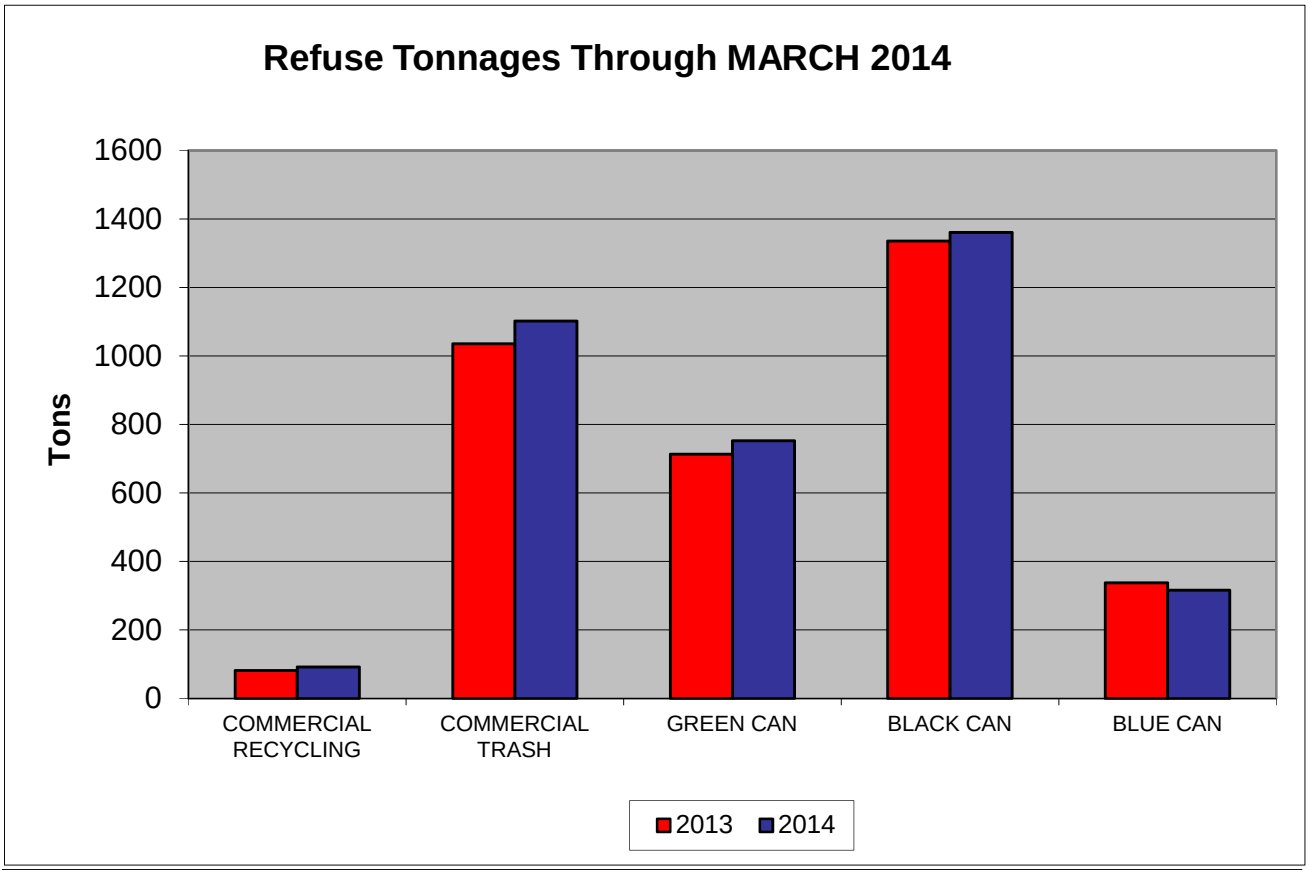
City of Lemoore
Planning Applications
2014

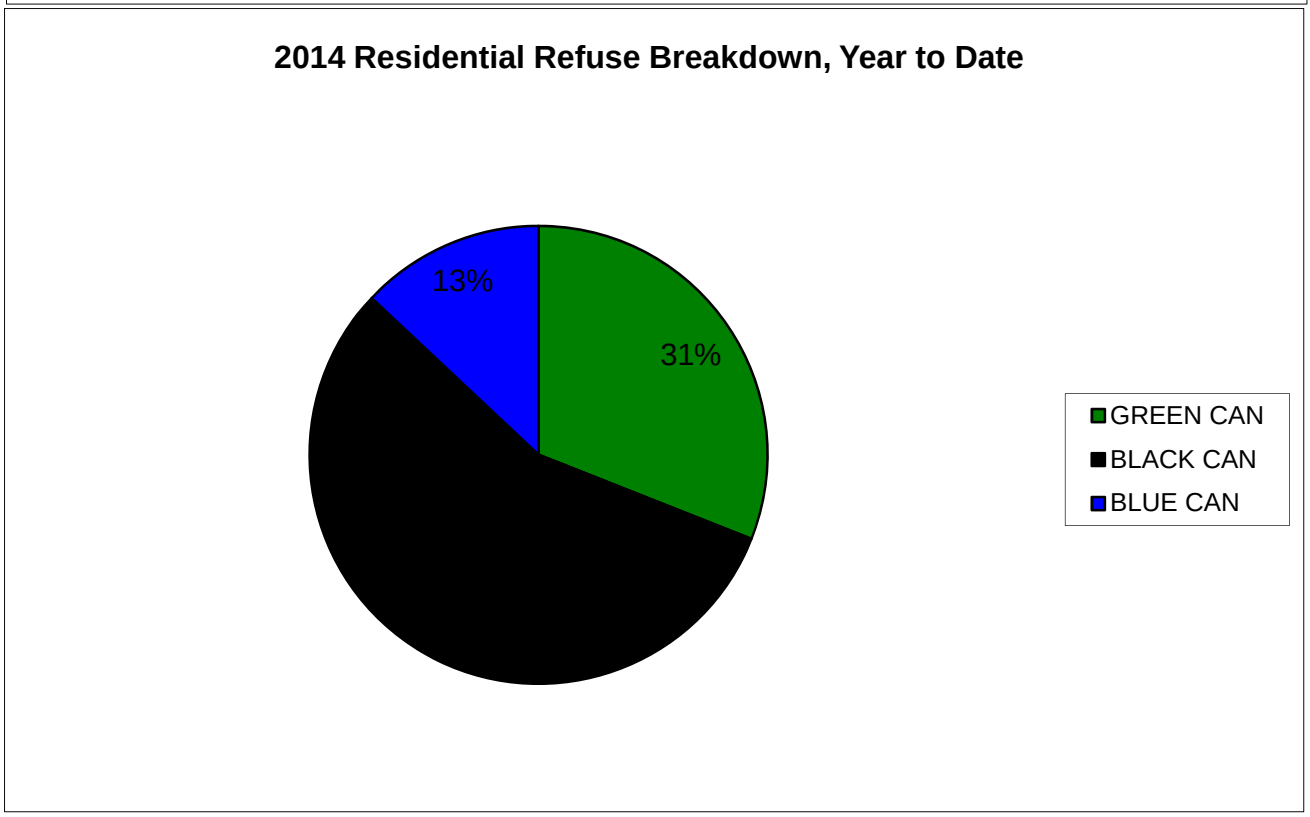
Date Submitted	File No.	Project Description	Business/Applicant	No.	Address/Location	APN No.	Date Approved or (Denied)	No. of Business Days to Process
04/09/14	2014-07	Sign Approval Application - Wall and Monument Signage	Boost Mobile	1114	N. Lemoore Avenue	021-300-009	In Process	
04/07/14	2014-07	Home Occupation Permit - Home Office - Event Planning and Design	Cherie Craver	699	Cambria Court	023-330-005	04/08/14	4/8/2014
04/03/14	2014-06	Sign Approval - Wall Sign	Goodwill Industries	161	W. Hanford-Armona Road, Suite A	021-380-003	04/04/14	1
03/26/14	2014-05	Home Occupation Permit - Home Office - Credit Repair Assistance	Mariela O'Leary	985	Legacy Drive	021-820-011	03/27/14	1
03/20/14	2014-06	Home Occupation Permit - Engraving and Designing Custom Art	Rudy and Lisa Cervantez	673	Cottonwood Lane	023-280-029	04/02/14	9
03/20/14	2014-05	Sign Approval- Wall and Monument Signage	United Health Centers	1260	N. Lemoore Avenue	021-300-009	03/21/14	1
03/18/14	2104-04	Sign Approval - Wall and Use of Existing Pole Sign	Bryan Burnes	700	N. Lemoore Avenue	021-350-002	03/18/14	Same Day
03/17/14	2014-03	Sign Approval - Wall, Hanging and Canopy Signage	Décor a lemoore	242	Heinlen Street	020-092-018	03/17/14	Same Day
03/04/14	2014-01	Site Plan Review (Major) - Wastewater Treatment Plant	Agusa	1505	S. 19th Avenue	024-051-021	In Process	
02/28/14	2014-04	Home Occupation Permit - Home Office - Online Sales - "T-Shirt" Printing	Travis Frazier	951	Makenna Street	021-630-025	02/28/14	Same Day
02/11/14	2014-02	Administrative Approval - Temp Flower Stand (1) Day	Applicant	150	E. Hanford-Armona Road	021-300-003	02/11/14	Same Day

City of Lemoore
Planning Applications
2014

02/06/14	2014-02	Sign Approval - Wall Signs	Las Espuelas	55	E. "D" Street, Suites A-D	020-300-011 020-300-012	02/11/14	3
02/06/14	2014-01	Site Plan Review (Administrative) - Façade Improvements	Las Espuelas	55	E. "D" Street, Suites A-D	020-300-011 020-300-012	02/18/14	7
01/24/14	2014-03	Home Occupation Permit - Home Office - Mobile Power Washing	Brian Tourville	1030	Par Avenue	024-360-029	01/27/14	1
01/21/14	2013-08	Sign Approval - Additional Wall and Hanging Signage	Ramblin Rose Florist	242	Heinlen Street	020-092-001	01/24/14	3
01/17/14	2014-02	Home Occupation - Home Office - Craft Sales	Hedy Rogers-Jones	1050	Par Avenue	024-360-027	01/22/14	2
01/17/14	2014-01	Administrative Use Permit - Thrift Store *Lease/Property Owner Signature received 1/31/14	Goodwill Industries	161	W. Hanford-Armona Road, Suitte A	021-380-003	02/04/14	11*
01/16/14	2014-01	Home Occupation - Home Office - Ceramics Sales	Chona Azarcon	1129	Freedom Drive	021-790-037	01/17/14	1
09/24/13	2013-02	Site Plan Review (Minor) - Convenience Store *Delayed to Accommodate Applicant, Pending Zoning Ordinance Adoption 2/6/14	William Marx and Anthony Rodriguez	718	N. Lemoore Avenue	021-340-005	01/28/14	83*
09/10/13	2014-01	Sign Approval - Monument Sign - Bush/Acacia *Property Owner Signature Received 1/24/14	Davita Dialysis	1345	W. Bush Street	023-420-017	02/04/14	98*

Refuse Report





CITY OF LEMOORE
WATER PRODUCTION
2014

MONTH	PEAK DAY GALLONS	MONTHLY GALLONAGE	MONTHLY CUBIC FEET*
JANUARY	6,143,000	157,273,000	21,025,802
FEBRUARY	7,012,000	136,619,000	18,264,572
MARCH	6,590,000	167,168,000	22,348,663
APRIL			
MAY			
JUNE			
JULY			
AUGUST			
SEPTEMBER			
OCTOBER			
NOVEMBER			
DECEMBER			
TOTAL:		461,060,000	61,639,037

* Gallons ÷7.48 = Cubic Feet

CITY OF LEMOORE
WATER PRODUCTION

MONTH	2010 PEAK DAY GALLONS	2011 PEAK DAY GALLONS	2012 PEAK DAY GALLONS	2013 PEAK DAY GALLONS	2014 PEAK DAY GALLONS
JANUARY	5,389,000	4,396,000	5,133,000	5,066,000	6,143,000
FEBRUARY	4,625,000	4,932,000	5,499,000	5,604,000	7,012,000
MARCH	6,010,000	4,708,000	6,249,000	6,609,000	6,590,000
APRIL	6,426,000	7,607,000	6,729,000	8,828,000	
MAY	8,855,000	8,173,000	8,877,000	9,666,000	
JUNE	9,666,000	9,339,000	11,154,000	10,978,000	
JULY	10,235,000	10,656,000	10,512,000	10,547,000	
AUGUST	9,572,000	9,710,000	10,465,000	10,176,000	
SEPTEMBER	9,302,000	10,137,000	9,712,000	9,688,000	
OCTOBER	8,571,000	7,822,000	8,380,000	8,225,000	
NOVEMBER	5,972,000	7,414,000	6,459,000	6,910,000	
DECEMBER	4,497,000	4,964,000	5,327,000	5,615,000	

* Gallons ÷ 7.48 = cubic feet

CITY OF LEMOORE
WATER PRODUCTION

MONTH	2010 MONTHLY GALLONAGE	2011 MONTHLY GALLONAGE	2012 MONTHLY GALLONAGE	2013 MONTHLY GALLONAGE	2014 MONTHLY GALLONAGE
JANUARY	128,423,000	117,353,000	138,630,000	132,348,000	157,273,000
FEBRUARY	114,061,000	111,965,000	133,667,000	129,994,000	136,619,000
MARCH	149,574,000	126,662,000	158,741,000	170,017,000	167,168,000
APRIL	157,303,000	156,861,000	165,356,000	211,201,000	
MAY	206,732,000	228,233,000	242,101,000	262,385,000	
JUNE	259,737,000	242,330,000	278,757,000	291,387,000	
JULY	292,047,000	281,784,000	294,826,000	296,652,000	
AUGUST	272,606,000	278,577,000	293,321,000	282,965,000	
SEPTEMBER	245,737,000	255,360,000	258,447,000	254,390,000	
OCTOBER	204,034,400	200,195,000	218,003,000	223,710,000	
NOVEMBER	144,578,900	154,815,006	157,856,000	172,908,000	
DECEMBER	121,204,000	134,505,000	131,258,000	151,140,000	
TOTAL:	2,296,037,300	2,288,640,006	2,470,963,000	2,579,097,000	461,060,000

* Gallons ÷ 7.48 = cubic feet

Invoice

Lemoore District Chamber of Commerce

300 E Street
Lemoore, CA 93245

Date	Invoice #
4/23/2014	2767

Bill To
RDA/City of Lemoore 119 Fox St Lemoore, CA 93245

Terms
Net 30

Quantity	Description	Rate	Amount
	3rd Qtr Billing for Fiscal Year 2013-2014 (Jan 1 – Mar 31 2014)	13,250.00	13,250.00
	Successor Agency 150-4951-4310 Holwell 4/24/14		
		Total	$13,250.00

Thank you for your support!

Phone: 559-924-6401 Fax: 559-924-4520

QUARTERLY UPDATE OF THE LEMOORE DISTRICT CHAMBER OF COMMERCE TO THE CITY OF LEMOORE (former REDEVELOPMENT AGENCY) FOR SERVICES PERFORMED

Services Provided - 1st thru 4th Quarter - Fiscal Year 2013 - 2014

Cumulative list of events held in the Project Area

	Date(s) of Event:		Name of Event:	Estimated Number of Participants
1st Qtr	Friday, July 5, 2013		Continuation of Rockin' the Arbor (this was 5th of 12)	300
1st Qtr	Friday, July 12, 2013		Continuation of Rockin' the Arbor (this was 6th of 12)	500
1st Qtr	Friday, July 19, 2013		Continuation of Rockin' the Arbor (this was 7th of 12)	400
1st Qtr	Friday, July 26, 2013		Continuation of Rockin' the Arbor (this was 8th of 12)	1000
1st Qtr	Friday, Aug. 2, 2013		Continuation of Rockin' the Arbor (this was 9th of 12)	500
1st Qtr	Friday, Aug. 9, 2013		Continuation of Rockin' the Arbor (this was 10th of 12)	300
1st Qtr	Friday, Aug. 16, 2013		Continuation of Rockin' the Arbor (this was 11th of 12)	500
1st Qtr	Friday, Aug. 23, 2013		Continuation of Rockin' the Arbor (this was 12th of 12)	600
2nd Qtr	Saturday, Nov. 16, 2013		24th Annual - Holiday Stroll	1000
2nd Qtr	Saturday, Dec. 6, 2013		Annual Christmas Parade	2500

Cumulative list of local business-training seminars or workshops

	Date(s) of Event:		Topic of Training:	Estimated Number of Participants
2nd Qtr	Tuesday, Sept. 10, 2013		Kings Employer Advisory Council - The Affordable Care Act for Employers	49
2nd Qtr	Tuesday, Nov. 19, 2013		Constant Contact - Grow Your Business with Email Marketing	18
2nd Qtr	Tuesday, Dec. 17, 2013		Constant Contact - Social Media Marketing Made Simple	25
3rd Qtr	Tuesday, Feb. 11, 2014		*Kings Employer Advisory Council - 2014 Labor Law Update*	97

UnionBank

STATEMENT OF ACCOUNTS

Statement Number: 6320015810
01/01/14 - 01/31/14

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OPERATING ACCT
300 E. ST
LEMOORE CA 93245

■ *Business Online Payroll - $29.99 monthly for full service payroll and tax filing. First two months - no monthly service fee. Limited time offer. Process payroll in minutes with three simple steps - even on mobile devices. For terms, call 1-877-432-1795, speak to a branch banker or visit unionbank.com/onlinepayroll.*

Summary of Accounts

Account No.	Deposit Account Type		Qualifying Balance
[illegible]	Bus Essentials Chk	$	39,046.22
[illegible]	Bus Essentials Chk	$	548.90
[illegible]	Business Preferred Sav	$	12,059.11
Total		**$**	**51,654.23**

Business Essentials Checking Summary

Account Number: 6320015810

Days in statement period: 31

Balance on 1/1	**$**		**29,803.45**
Additions			33,101.90
Subtractions			-15,028.99
	Checks	-8,750.72	
	Payments	-6,278.27	
Balance on 1/31	**$**		**47,876.36**

Statement Average Ledger Balance 39,046.22

We waived your service charge this statement period.

Additions

Date	*Description/Location*	*Reference*		*Amount*
1/2	FNBO PYMT PROC CCD 0016648074	53818497	$	750.00
1/3	OFFICE DEPOSIT	86559747		1,990.00
1/6	OFFICE DEPOSIT	86637850		1,940.00
1/6	FNBO PYMT PROC CCD 0016648074	55914922		100.00
1/6	FNBO PYMT PROC CCD 0016648074	55883029		350.00
1/8	OFFICE DEPOSIT	86698712		2,429.00
1/8	OFFICE DEPOSIT	86698698		3,040.00
1/10	OFFICE DEPOSIT # 0004743715	86763456		2,364.00
1/10	FNBO PYMT PROC CCD 0016648087	59672645		19.00
1/10	FNBO PYMT PROC CCD 0016648074	59672644		36.00
1/13	FNBO PYMT PROC CCD 0016648074	50517063		200.00
1/13	FNBO PYMT PROC CCD 0016648074	50474208		475.00

Additions

Date	Description/Location	Reference	Amount
1/14	OFFICE DEPOSIT	86839057	3,785.00
1/15	FNBO PYMT PROC CCD 0016648074	52079439	400.00
1/16	FNBO PYMT PROC CCD 0016648074	53010114	610.00
1/17	OFFICE DEPOSIT	86028013	980.00
1/17	OFFICE DEPOSIT	86895244	2,995.19
1/17	FNBO PYMT PROC CCD 0016648087	53703967	10.00
1/21	FNBO PYMT PROC CCD 0016648074	54680812	100.00
1/22	FNBO PYMT PROC CCD 0016648087	55552636	10.00
1/23	OFFICE DEPOSIT	86135237	1,145.00
1/23	OFFICE DEPOSIT	86125040	3,380.00
1/23	FNBO PYMT PROC CCD 0016648087	56394910	20.00
1/23	FNBO PYMT PROC CCD 0016648074	56394909	785.00
1/24	FNBO PYMT PROC CCD 0016648074	57162061	50.00
1/27	FNBO PYMT PROC CCD 0016648074	57861889	750.00
1/28	OFFICE DEPOSIT	86238827	4,335.00
1/29	CHECK PRINTING FEE REVERSAL	90300955	53.71
Total			**$ 33,101.90**

Checks

Number	Date	Reference	Amount	Number	Date	Reference	Amount
2647	1/2	02287919	1,840.00	2695	1/16	02715530	932.80
2684*	1/2	02168694	436.40	2696	1/17	03025705	1,391.55
2685	1/2	02061733	97.46	2697	1/27	04799145	400.00
2686	1/2	02237717	208.74	2698	1/22	04025330	500.00
2689*	1/6	02835406	1,357.78	2699	1/23	04273091	500.00
2690	1/15	02546867	299.88	2700	1/23	12377368	77.10
2691	1/10	04375944	85.00	2702*	1/30	02844559	26.88
2694*	1/23	04232085	491.36	2703	1/30	02844565	105.77
Total							**$ 8,750.72**

* Checks missing in sequence. Out of sequence check numbers may also be located in the Payments section of your statement.

Payments *online and electronic banking*

Date	Description/Location	Reference	Amount
1/2	FNBO PYMT PROC CCD 0016648087	53801077	$ 42.93
1/2	FNBO PYMT PROC CCD 0016648074	53801076	47.16
1/3	AUTHNET GATEWAY BILLING CCD 32039275	54876682	16.35
1/7	WESTAMERICA LOAN BILL PYMT 140107 192 00060075199 12		1,010.60
1/14	WF Bus Credit AUTO PAY PPD **********7750	51043344	728.73
1/15	EMPLOYMENT DEVEL EDD EFTPMT CCD 1568579840	52096841	371.37
1/15	IRS USATAXPYMT CCD 270441594241262	51455447	2,445.28
1/16	USBEquipFinance CNTRCT PMT CCD 500-0348590-000	52262414	225.75
1/23	DELUXE BUS SYS. BUS PRODS CCD 68541139	56163584	53.71
1/28	DELUXE BUS SYS. BUS PRODS CCD 68541100	58431327	155.81
1/30	COMCAST COMCAST TEL 0420181138 SPA	51076213	642.86
1/31	EMPLOYMENT DEVEL EDD EFTPMT CCD 1089384704	52084901	263.65
1/31	IRS USATAXPYMT CCD 270443114116618	51483030	274.07
Total			**$ 6,278.27**

UnionBank

STATEMENT OF ACCOUNTS

Statement Number: 6320015810
02/01/14 - 02/28/14

UNION BANK
LEMOORE INSTORE 0632
PO BOX 512380
LOS ANGELES CA 90051-0380

Telephone Banking
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OPERATING ACCT
300 E. ST
LEMOORE CA 93245

- *During the month of April 2014, the Union Bank Business Fundamentals Checking name will change to Business Basics Checking. All other terms and conditions for this account will remain the same.*

Summary of Accounts

Account No.	Deposit Account Type		Qualifying Balance
[redacted]	Bus Essentials Chk	$	64,400.22
[redacted]	Bus Essentials Chk	$	548.90
[redacted]	Business Preferred Sav	$	12,059.11
Total		**$**	**77,008.23**

Business Essentials Checking Summary

Account Number: 6320015810

Days in statement period: 28

Balance on 2/1	**$**		**47,876.36**
Additions			40,354.70
Subtractions			-21,310.98
Checks		-17,654.43	
Payments		-3,656.55	
Balance on 2/28	**$**		**66,920.08**

Statement Average Ledger Balance 64,400.22

We waived your service charge this statement period.

Additions

Date	*Description/Location*	*Reference*		*Amount*
2/3	FNBO PYMT PROC CCD 0016648087	52954641	$	29.00
2/3	TSYS PYMT PROC CCD 84870016648074	52887824		108.00
2/4	OFFICE DEPOSIT	86388465		2,679.00
2/7	OFFICE DEPOSIT	86493937		32,754.90
2/12	OFFICE DEPOSIT	86623371		899.00
2/14	TSYS PYMT PROC CCD 84870016648074	50698479		60.00
2/24	OFFICE DEPOSIT	86844915		968.00
2/24	OFFICE DEPOSIT	86880859		2,156.80
2/27	TSYS PYMT PROC CCD 84870016648074	58703117		700.00
Total			**$**	**40,354.70**

Checks

Number	Date	Reference	Amount	Number	Date	Reference	Amount
2701	2/7	41219612	7,800.00	2712	2/18	04284645	924.67
2704*	2/5	04383226	382.02	2714*	2/21	02385321	500.00
2705	2/4	04191720	1,080.74	2715	2/26	12432171	77.10
2706	2/5	04441794	1,415.81	2716	2/26	12432034	816.19
2707	2/7	02101427	300.00	2722*	2/28	03885484	945.95
2708	2/18	04385589	31.85	2724*	2/28	03885483	300.00
2709	2/14	41268442	424.94	7570*	2/5	04536841	206.32
2710	2/14	03843703	400.00	92713*	2/19	04561739	1,425.09
2711	2/19	04656400	623.75				
Total							**$ 17,654.43**

* Checks missing in sequence. Out of sequence check numbers may also be located in the Payments section of your statement.

Payments *online and electronic banking*

Date	Description/Location	Reference	Amount
2/3	FNBO PYMT PROC CCD 0016648087	52940482	$ 42.01
2/3	FNBO PYMT PROC CCD 0016648074	52940481	136.01
2/4	AUTHNET GATEWAY BILLING CCD 32442285	53894431	15.85
2/5	CA STAMP CO STMP/DTORD CCD 6320015810B	55134978	26.95
2/7	WESTAMERICA LOAN BILL PYMT 140207 192 00060387533 12		1,010.60
2/13	ATT Payment TEL 187540004EVR1J	50016454	100.33
2/13	WF Bus Credit AUTO PAY PPD **********7750	59744529	217.71
2/14	THE GAS COMPANY PAID SCGC WEB 1567916511	50334088	220.98
2/18	EMPLOYMENT DEVEL EDD EFTPMT CCD 1837265152	51682715	190.64
2/18	USBEquipFinance CNTRCT PMT CCD 500-0348590-000	50828969	225.75
2/18	IRS USATAXPYMT CCD 270444965370773	50815193	1,469.72
Total			**$ 3,656.55**

UnionBank

STATEMENT OF ACCOUNTS

Statement Number: 6320015810
03/01/14 - 03/31/14

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Summary of Accounts

Account No.	Deposit Account Type		Qualifying Balance
[redacted]	Bus Essentials Chk	$	65,305.79
[redacted]	Bus Essentials Chk	$	548.90
[redacted]	Business Preferred Sav	$	12,059.11
Total		**$**	**77,913.80**

Business Essentials Checking Summary

Account Number: 6320015810

Days in statement period: 31

Balance on 3/1	**$**		**66,920.08**
Additions			18,586.00
Subtractions			-17,143.38
Checks		-14,027.83	
Payments		-3,115.55	
Balance on 3/31	**$**		**68,362.70**

Statement Average Ledger Balance 65,305.79

We waived your service charge this statement period.

Additions

Date	*Description/Location*	*Reference*		*Amount*
3/5	OFFICE DEPOSIT	86216727	$	1,500.00
3/6	OFFICE DEPOSIT	86242251		5,540.00
3/10	OFFICE DEPOSIT	86351465		1,282.00
3/10	TSYS PYMT PROC CCD 84870016648074	55434000		297.00
3/12	TSYS PYMT PROC CCD 84870016648074	56951849		185.00
3/14	TSYS PYMT PROC CCD 84870016648074	58453819		36.00
3/17	OFFICE DEPOSIT	86480992		998.00
3/19	OFFICE DEPOSIT	86556999		1,145.00
3/21	OFFICE DEPOSIT	86631035		670.00
3/26	TSYS PYMT PROC CCD 84870016648074	54398285		875.00
3/27	TSYS PYMT PROC CCD 84870016648074	55323695		600.00

Additions

Date	Description/Location	Reference	Amount
3/31	OFFICE DEPOSIT	86829409	1,586.00
3/31	OFFICE DEPOSIT	86829395	1,665.00
3/31	OFFICE DEPOSIT	86829401	2,107.00
3/31	TSYS PYMT PROC CCD 84870016648074	57806789	100.00
Total			**$ 18,586.00**

Checks

Number	Date	Reference	Amount	Number	Date	Reference	Amount
2717	3/3	04359457	99.15	2732	3/13	86411046	1,200.00
2718	3/3	04223173	400.00	2733	3/17	02064624	924.67
2719	3/4	04816152	500.00	2734	3/18	02309183	1,397.99
2720	3/5	89673465	90.00	2735	3/19	02656700	299.88
2723*	3/4	04725684	1,409.76	2737*	3/20	02863062	2,098.00
2725*	3/4	04824097	1,784.59	2738	3/26	06839283	200.00
2726	3/4	04824096	689.85	2739	3/31	06214191	28.00
2727	3/26	07682529	300.00	2741*	3/27	07632885	530.92
2728	3/6	86242261	150.00	2742	3/25	42063264	215.39
2729	3/13	86411045	600.00	2743	3/25	12351079	77.10
2730	3/14	04643260	876.73	2745*	3/25	06033765	5.38
2731	3/21	23141869	83.29	7571*	3/5	02372341	67.13
Total							**$ 14,027.83**

* Checks missing in sequence. Out of sequence check numbers may also be located in the Payments section of your statement.

Payments *online and electronic banking*

Date	Description/Location	Reference	Amount
3/3	TSYS PYMT PROC CCD 84870016648087	50512483	$ 38.80
3/3	TSYS PYMT PROC CCD 84870016648074	50512482	40.37
3/4	AUTHNET GATEWAY BILLING CCD 32795599	51598796	15.00
3/7	WESTAMERICA LOAN BILL PYMT 140307 192 00060667941 12		1,010.60
3/17	EMPLOYMENT DEVEL EDD EFTPMT CCD59246519 288835840		184.95
3/17	USBEquipFinance CNTRCT PMT CCD58635166 500-0348590-000		225.75
3/17	IRS USATAXPYMT CCD 270447655907586	58547076	1,502.50
3/18	WF Bus Credit AUTO PAY PPD **********7750	59783900	97.58
Total			**$ 3,115.55**

Memorandum

DATE: 04/09/14

TO: LEMOORE CITY COUNSEL

FROM: CORPORAL KENDALL

RE: K9 SCHOOL

Lemoore City Counsel,

On January 27th, 2014 I began the dual purpose K9 course at Vohne Liche Kennels (west). Throughout this 8 week course there were several areas of instruction pertaining to training and utilization of a K9. This included grooming, K9 first aid, narcotic odor characteristics, leash control, legal updates, narcotic detection searches in buildings, open areas and vehicles, tracking, basic obedience, handler protection, searching buildings and open areas for suspects, vehicle extraction, gunfire exercises, obstacle/confidence course, scenario based testing, and decoy techniques.

The ultimate goal of the K9 course was to provide the basic training needed to certify myself and my K9 partner "Ares" in basic patrol work and narcotics detection. At the completion of the 8 week course "Ares" and I successfully certified with the California Narcotic Canine Association (CNCA) in narcotics and completed the P.O.S.T evaluation in basic patrol work.

Respectfully submitted,

Corporal Mike Kendall

Memorandum

DATE: 04/02/2014

TO: LEMOORE CITY COUNCIL

FROM: OFFICER JONATHAN MORITZ #1263

RE: BATON INSTRUCTOR SCHOOL

From 03/24/2014 until 03/28/2014 I attended the Baton Instructor training course. The class was held at the PIDT (Pacific Institute of Defensive Tactics) training center in Soquel, CA. The PIDT curriculum was developed and founded in 1983 by Rod Sanford after he retired as a sergeant from the Santa Cruz County Sheriff's Office. Rod Sanford and his wife personally taught our class the entire time we were there.

This course focused on providing students with the knowledge and technical skills to teach baton tactics, to include the Perishable Skills of Arrest & Control, Optional Topic Impact Weapons, and Tactical Communications within the law enforcement agency and police academy. The techniques we learned can be used with the straight baton, expandable straight baton, side-handled baton and the riot baton. The instructors were very knowledgeable and passionate about the subject they were teaching to us. After this week of instruction and training I feel very confident in these techniques and my ability to safely and properly instruct my fellow Officers. I believe these techniques will be very beneficial to our Officers to learn, as it can aid in keeping them safe during the course of their duty.

Thank you for the opportunity to go to this training and to be able to instruct our Officers in these techniques in the future.

Officer Jonathan Moritz #1263.

March 27, 2014

Lemoore City Council
429 C Street
Lemoore, CA 93245

Dear Sirs:

Thank you for allowing me to represent the Lemoore Parks and Recreation Commission at the 2014 CPRS Conference in Ontario, CA.

There were so many seminars and workshops to attend. I tried to focus on workshops pertaining to seniors. I was amazed that the majority of Senior Centers in California cities were run by the Parks and Recreation Department. Since senior fitness is important to me, I networked with other cities to see what activities they offered to seniors or "Aging Section" as some cities call them.

Other workshops I attended included budgeting, staff motivation and legislature pertaining to Parks and Recreation. The information was useful, pertinent and motivating. I am eager to share this information with the Parks and Recreation Commission and with Director Simonson.

So much information is available on so many subjects that I hope you will consider sending the Parks and Recreation Staff to next year's conference which will be held in Sacramento. Thank you again for this opportunity, if you have any questions or need further information please contact me at the number below.

Dr. Ernie Smith
(559) 977-7165

Lemoore Police Department

MEMORANDUM:

DATE: 4/2/14

TO: Commander Steve Rossi

CC: Detective Sergeant Matthew Gonsalves

FROM: Officer Michael Wallace

SUBJECT: COMPLETION OF IMPACT WEAPONS INSTRUCTOR UPDATE

The week of March 24 – March 28, 2014, I attended and completed the California Peace Officer Standards and Training (POST) certified Impact Weapons Instructor School (Update) in Soquel, California.

The Impact Weapons Instructor School is a comprehensive 40 hour training block that provides instruction to the current or future Impact Weapons Instructor. The training block is referred to as the "train the trainer" series.

The Impact Weapons Instructor course provides instruction, review and testing on the dynamics of use for the straight baton, side handle baton, collapsible baton and riot baton; all of which are authorized for use by the personnel of the Lemoore Police Department.

The commitment to providing Lemoore Police Department personnel on-going training in the areas of impact weapons is paramount to the continuation of a successful impact weapons training program. As a member of the instructor staff for the defensive tactics/arrest and control cadre, I found the training both valuable for the department and the City of Lemoore.

The training provided the attendees the opportunity to acquire the knowledge and skill set to perform and instruct proper deployment of the impact weapon. The training also covered administrative, medical and legal topics of interest for the user of the impact weapon.

Michael Wallace
Arrest & Control – Impact Weapons Instructor

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING™

CITY CLERK'S OFFICE

APR 29 2014

RECEIVED

Date: April 22, 2014

To: County Boards of Supervisors for the counties in San Joaquin Valley
City Council Members for incorporated cities in the San Joaquin Valley
County Public Health Officers for the counties in the San Joaquin Valley

From: Arnaud Marjollet, Director of Permit Services

RE: **2013 Annual Report on Toxic Emissions from Valley Facilities**

As required by State Law, the attached report is being distributed to city and county officials throughout the San Joaquin Valley.

This report describes emissions of toxic air contaminants from Valley facilities, and the actions taken by the District and affected facilities to reduce those emissions. The District is providing you with this report to keep you informed of air toxics issues that may affect you and the communities you serve.

Should you or your staff have any questions regarding this report or the District's air toxics programs, please call Arnaud Marjollet at (559) 230-5900.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

www.valleyair.org www.healthyairliving.com

Printed on recycled paper.

San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

HEALTHY AIR LIVING

2013

Annual Air Toxics Report

March 20, 2014

Executive Summary

The San Joaquin Valley Air Pollution Control District has spent the last two decades implementing a wide variety of methods of reducing the emissions of toxic air contaminants in the San Joaquin Valley. Based on the latest 2010 California Toxics Inventory (CTI), only 14% of all air toxics in the San Joaquin Valley are emitted from stationary sources of pollution under the direct control and regulation of the District, while 52% comes from mobile sources such as cars and trucks, and the remaining 34% is emitted from area-wide sources like road dust, paints, solvents, and other consumer products. Mobile and area-wide sources of emissions are generally under the regulatory authority of the State of California and the federal government.

The District's multifaceted approach to addressing and reducing risks from toxic air contaminants has taken three main paths: reducing air toxic emissions from existing stationary sources of emissions; preventing the creation of new or modified stationary sources of significant risk; and finding creative and cooperative methods of reducing risk from emissions sources that the District does not typically regulate.

The District's implementation of AB 2588, California's *Air Toxics "Hot Spots" Information and Assessment Act*, has resulted in dramatic reductions in emissions of air toxics from existing sources in the San Joaquin Valley. Under this right-to-know law, the District has worked with Valley facilities to quantify emissions of air toxics, determine the health risk caused by those emissions, report emissions and any significant risks through written public reports and neighborhood public meetings, and take steps to reduce such risks. As a result of this effort, and the resulting emissions reductions, no Valley facility currently poses a significant risk under this program.

A number of regulations have also been adopted by the District, the state, and the federal government to directly reduce existing emissions from specific types of facilities and sources of air toxic compounds. Examples of emissions sources that have drastically reduced toxic air contaminant emissions in the San Joaquin Valley because of such rules include dry cleaners, chrome platers, gas stations, and diesel internal combustion engines.

In addition to the above efforts to reduce emissions from existing sources of air pollution, the District also performs comprehensive and conservative emissions evaluation and computer modeling before issuing permits to new sources of emissions to assure the District does not allow the creation of a new health risk.

These risk calculation processes are expected to be revised in the coming year, as the District implements the state Office of Environmental Health Hazard Assessment's (OEHHA's) revised Risk Assessment Guidelines designed to provide enhanced protection of children. The draft revisions have been shared with the District, and are expected to be finalized in 2014. The District Governing Board has directed staff to incorporate the revisions upon OEHHA's issuance of the final revised guidance and after an appropriate public process in which the District explains the revisions and the District's proposed implementation of those revisions. The District's initial assessment indicates that these

changes will more than double the calculated risk, as compared to the current methodology, for identical circumstances. As a result, the number of "Significant Risk Facilities" will increase along with the associated public notifications required under the Air Toxics "Hot Spots" Information and Assessment Act. In addition, the approvability of various permitting projects, such as emergency generators and gas stations, may be impacted. These issues will be discussed and addressed in the District public process and implementation of the revised state guidelines.

The District has also implemented numerous methods of reducing emissions from mobile sources and other sources of emissions that the District does not traditionally regulate. For instance, the District developed the first Indirect Source Review rule in the nation, designed to reduce emissions from construction equipment and mobile sources associated with new developments. The District also provides assistance and guidance to the cities and counties in the San Joaquin Valley so that they can be assured that land-use decisions are based on a full understanding of the potential for increasing emissions of air toxics and new air toxics risks can be avoided. One of the most effective methods of reducing emissions of air toxics from emissions sources not directly regulated by the District has been the incentive grant program that has leveraged hundreds of millions of dollars in reducing emissions from diesel internal combustion engines on trucks, tractors and agricultural irrigation operations.

Finally, the District's "Health-Risk Reduction Strategy" to prioritize air pollution control measures that provide the most health-protective result is the cornerstone in developing and implementing future risk-reduction efforts that provide the maximum public health benefit.

This Annual Air Toxics Report for 2013 more fully describes the District's ongoing efforts to regulate and reduce air toxic emissions. An electronic version of this report may be found on the District's website at:

http://www.valleyair.org/busind/pto/air_toxics_annual_reports.htm.

Questions regarding the District's air toxics reduction programs may be directed to:

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Summary of Toxic Air Contaminants in the San Joaquin Valley

The U.S. EPA and the California Air Resources Board have identified over 700 substances that are emitted into the air that may affect human health. Some of these substances are considered to be carcinogens (cancer-causing), while others are known to have other adverse health effects. As part of ongoing efforts to identify and assess potential health risks to the public, the District has collected and compiled air toxics emissions data from industrial and commercial sources of air pollution throughout the Valley. The State has developed similar inventories for mobile sources of air pollution. These District and State inventories have been combined into the California Air Resources Board's California Toxics Inventory (CTI), which provides emissions estimates for hazardous air pollutants of concern from all sources. A summary of the CTI data for key pollutants, based on the draft 2010 CTI (most current version released), is given in Table 1 below.

Table 1 - San Joaquin Valley Hazardous Air Pollutant Emissions

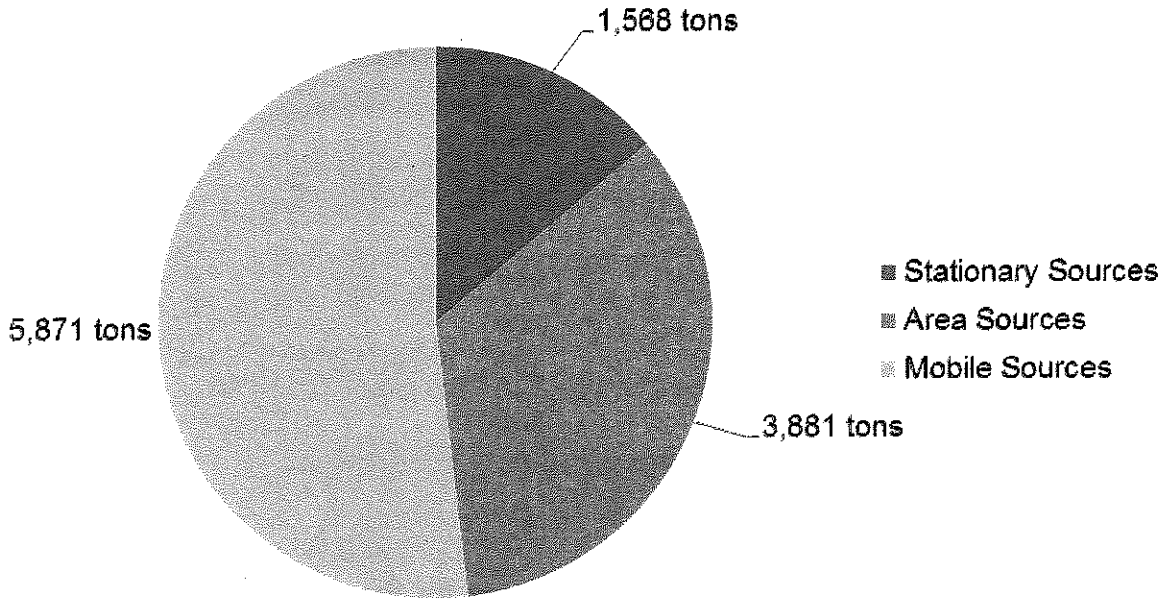
Pollutant	2010 CTI (tons/yr)
Acetaldehyde	3,512
Diesel Particulate Matter	2,520
Formaldehyde	2,318
Benzene	1,020
Perchloroethylene	448
1,3-Butadiene	269
Methylene Chloride	247
p-Dichlorobenzene	130
Carbon Tetrachloride	0
Chromium, Hexavalent	0

A more detailed summary of emissions estimates for the San Joaquin Valley is provided in Table A-1 in Appendix A.

Toxic Air Contaminants (TAC) are emitted from mobile sources (i.e., cars, trucks, buses, tractors, etc.), which are primarily regulated by the State and U.S.EPA; area sources (i.e., consumer products, dry cleaners), which are regulated the State, U.S.EPA, and the District; and from stationary sources regulated primarily by the District. Figure 1 below shows a comparison of mobile, area and stationary sources emissions of hazardous air pollutants in the San Joaquin Valley. Of these sources approximately 86% of hazardous air pollutant emissions occurring in the Valley are from mobile sources and area sources.

Stationary sources include point source emissions provided by facility operators and/or districts and aggregated point source emissions estimated by the ARB and/or districts. This stationary source information is included in the CTI pursuant to the Air Toxics "Hot Spots" Act of 1987 (AB 2588). Areawide sources are sources without specific locations that spread out over large areas, such as paved or unpaved roads or consumer products. Mobile sources consist of on-road vehicles such as passenger cars and trucks, motorcycles, busses, and heavy-duty trucks and other mobile. The "Other mobile" category includes but is not limited to trains, ships, off-road equipment, off-road motorcycles, and boats.

Figure 1 – Comparison of Mobile, Area, and Stationary Source Emissions



Stationary Area sources were reported with the Stationary Point sources, and the "Area Sources" category contains only area-wide sources as defined above and by the California Air Resources Board (CARB). The District and CARB continued their collaborative efforts to improve the toxics emissions inventories in 2013.

Although mobile sources are primarily regulated by the State and U.S.EPA, the District has developed grant and incentive programs to assist in risk reduction from these sources. For example, the Heavy-Duty Engine Program, which is the District's largest and most successful incentive program, utilizes incentive funds to repower, replace, or retrofit existing high-polluting diesel equipment or vehicles. This program has removed or retrofitted over 17,000 diesel engines resulting in eliminating over 3,800 tons of diesel particulate matter.

State Air Toxics "Hot Spots" Act

Implementation

The Air Toxics "Hot Spots" Information and Assessment Act was enacted in September 1987. Under this act, stationary sources are required to report the types and quantities of certain substances their facilities routinely release into the air. The goals of the Air Toxics "Hot Spots" Act are:

- to collect emission data,
- to identify facilities having localized impacts,
- to ascertain health risks,
- to notify nearby residents of significant risks, and
- to require that owners of significant-risk facilities reduce their risks below the level of significance in accordance with the provisions of the "Emissions Inventory Criteria and Guidelines Report" adopted by the Air Resources Board in 1989.

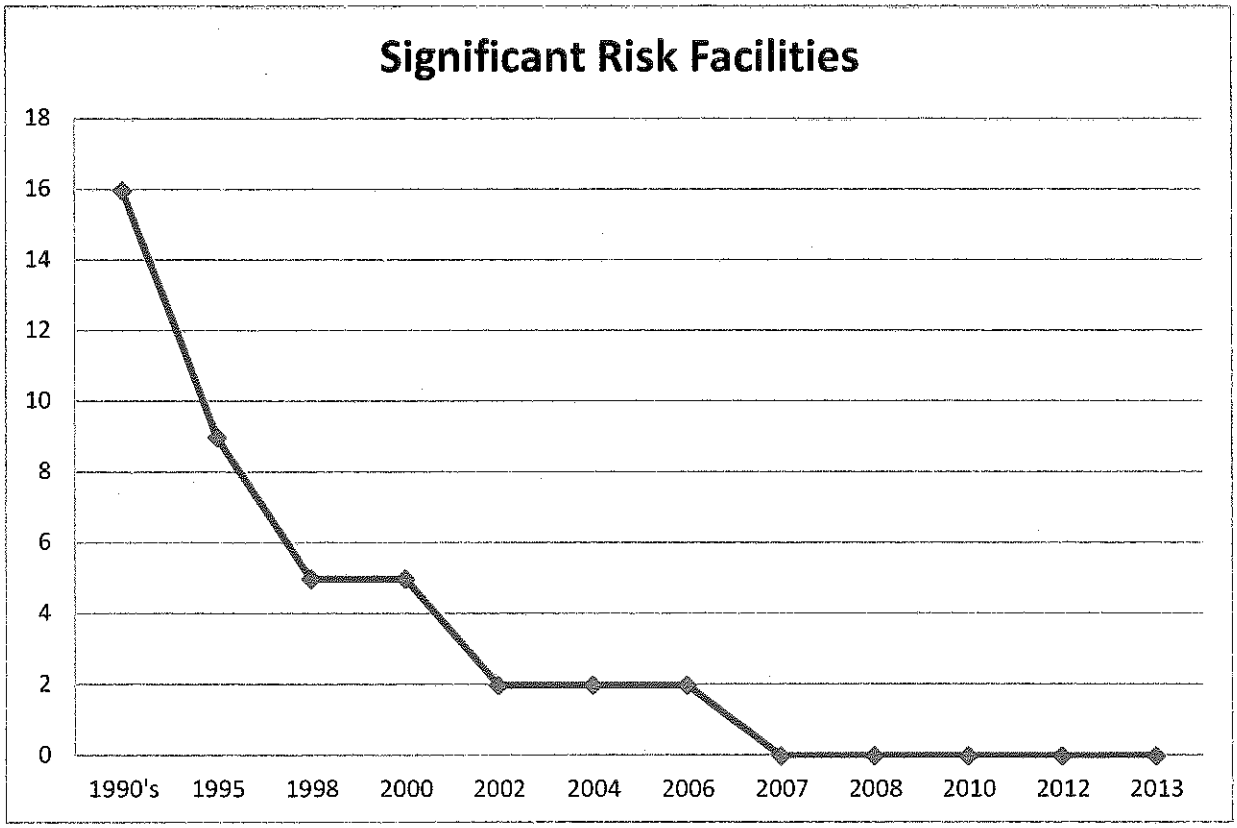
A flowchart summarizing the AB2588 Toxic "Hot Spots" implementation process is provided in Appendix B.

The "Emissions Inventory Criteria and Guidelines Report" was last amended on August 27, 2007 to include: general reporting requirements for diesel engines; reporting requirements for some agricultural engines to after 2011; reporting requirements for stationary emergency standby diesel engines that will be retrofitted, replaced or removed at a hospital building subject to the Alquist Hospital Facilities Seismic Safety Act of 1983 beginning 2012; reporting requirements for diesel engines less than or equal to 50 horsepower, and portable diesel engines of any size, which occurred in 2010.

The District's implementation of the Air Toxics Hot Spots requirements has resulted in significant reductions in the public's exposure to toxic air contaminants. The public notification required under the Air Toxics Hot Spots program for facilities found to pose a significant risk to the public is one motivating factor for facility operators to pursue such reductions in risk. Implementation of this regulation was a significant driver for hundreds of facilities throughout the Valley to switch from burning fuel oil to natural gas in combustion equipment, add air pollution control equipment, and reduce the use of toxic compounds.

Since 2006, no Valley facility has posed a significant risk according to the State of California's Air Toxics Hot Spots program. (*See figure below*)

Figure 2 – Number of Significant Risk Facilities



Collecting Emissions Data

The District collects and compiles toxic emissions data for industrial and commercial facilities as required by the State Air Toxics Hot Spots Information and Assessment Act. Although this process was completed for most Valley facilities during the early years of the Air Toxics Hot Spots program (1989-1991), approximately 200 of the highest emitting operations are required to provide updates to their emissions reports every four years. In 2013 the District received, reviewed and approved update summaries for 42 Valley facilities summarized in the following table.

Table 2 – 2012 Update Summaries Approved

Facility Name	Location
Turlock Memorial Park	575 n Soderquist Rd, Turlock
Elk Corporation of Texas	6200 Zerker Rd, Shafter
Turlock Irrigation District	4500 Crows Landing Rd, Modesto
Rio Bravo Fresno	3350 S Willow Ave, Fresno
ExxonMobil Oil Corporation	Midway Pumping Station
Kingsburg Cogen Facility	11765 Mountain View, Kingsburg
Tricor Refining, LLC	1134 Manor Street, Bakersfield
General Mills Operations, Inc.	2000 W Turner Road, Lodi

Las Palmas Oil and Dehydration Company	3121 Standard St, Bakersfield
Taft Production Company	950 N Petroleum Club Road, Taft
Alon Bakersfield Refining	6451 Rosedale Hwy (Area 1 & 2), Bakersfield
Alon Bakersfield Refining	3663 Gibson St (Area 3), Bakersfield
Freeport-McMoran Oil & Gas LLC	Light Oil Western Stationary Source, Western Kern
Holz Rubber Company, Inc.	1129 S Sacramento Street, Lodi
Fineline Industries, Inc.	455 Grogan Avenue, Merced
Chevron USA Inc.	Heavy Oil Central.
Ro-Lab Rubber Company Inc.	8830 Linne Rd, Tracy
Land O' Lakes, Inc.	400 South "M" St., Tulare
Guardian Industries	1485 E Curtis Ave., Reedley
Dairy Farmers of America	2331 Tully Rd., Hughson
Modesto Plating	436 Mitchell Rd, Ste D, Modesto
Prompt Precision Metals Inc.	1649 Whitmore Ave., Ceres
Chevron USA Inc.	Kern Pump Station
Calmat Company, DBA Vulcan Materials Co.	Wheeler Ridge Plant, Wheeler Ridge
Safety Kleen Systems, Inc.	1000 South "I" St., Reedley
Sealed Air Corporation	1835 W Almond Ave., Madera
H.J. Heinz Company, L.P.	1905 McHenry, Escalon
A C Plating	317 Mt Vernon Ave, Bakersfield
Keystone Automotive Industries Inc.	1627 Army Ct #7, Stockton
Vintage Production California LLC	9571 S Roberts Rd, Stockton
Ripon Cogeneration	944 S Stockton Ave, Ripon
Covanta Delano, Inc.	31500 Pond Rd., Delano
SFPP, L.P.	4149 S Maple Ave., Fresno
Saint-Gobain Containers	24441 Avenue 12 & Road 24 ½
Kern Oil & Refining Company	Panama Lane & Weedpatch Hwy, Bakersfield
Vulcan Materials Company, Western Division	8517 Panama Lane, Bakersfield
Jain Irrigation Inc.	2851 E Florence Ave., Fresno
Spreckels Sugar Company	29400 W Whitesbridge Rd, Mendota
Chevron - Kettleman City Pump Station	Interstate 5 & Highway 41, Kettleman City
California State University Fresno	5241 N Maple Ave., Fresno
PACTIV Corporation	2024 Norris Rd, Bakersfield
Owens-Brockway Glass Container	14700 W Schulte Road, Tracy

Based on the submitted update summaries, three facilities were required to submit Toxic Emissions Inventory Reports in 2013. These facilities are:

Table 3 – 2013 Toxic Emissions Inventory Reports Required

Facility Name	Location
RIO BRAVO FRESNO	3350 S WILLOW AVE, FRESNO
LAS PALMAS OIL & DEHYDRATION COMPANY	3121 STANDARD ST, BAKERSFIELD
KERN OIL & REFINING COMPANY	PANAMA LN & WEEDPATCH HWY, BAKERSFIELD

Industry-wide Surveys

For common types of smaller commercial facilities that may emit toxic air contaminants, the District uses Industry-wide surveys, which provide a more streamlined and cost-effective method of preparing toxics inventories. Valley gasoline dispensing facilities, dry cleaning operations, printing operations, and

automotive painting facilities have been categorized as industry-wide survey facilities. With the added streamlining effort of combining the point source emissions inventory with the toxics inventory, these industry-wide facilities are surveyed on an annual basis, allowing for expeditious screening risk assessments and improved quality of the state's inventory.

Assessing the Risk to the Public

The State Air Toxics "Hot Spots" Act requires the District to compile an inventory of toxic emissions from Valley facilities, prioritize facilities for health risk assessment, evaluate public health risks for facilities ranked as high priority, and notify individuals who may be impacted by any significant health risks. Although the Hot Spots program is primarily a public notification program, the public awareness achieved through the Hot Spots program has led many Valley businesses to voluntarily reduce their toxic emissions to ease community concerns.

Prioritizing Facilities

After the approval of a facility's updated Toxic Emission Inventory Report, which is required if there has been a significant increase in emissions since the facility's previous report submittal, the new data from the report is entered into the California Emission Inventory Data and Reporting System (CEIDARS). The District prioritizes and ranks the health risk posed by the facility as "low", "intermediate", or "high" priority. Facilities ranked as high priority are required to perform health risk assessments. The District then prioritizes these facilities using computerized spreadsheets and database programs. The following table summarizes the four prioritizations performed for Valley facilities in 2013 based on the 2012 reporting requirements.

Table 4 – 2013 Prioritization Statistics

Facility Name	Location	Prioritization	Ranking
CHEVRON PIPELINE CO -TANK FARM	KETTLEMAN CITY	0.0368	LOW

Health Risk Assessment

The District and State Office of Environmental Health Hazard Assessment (OEHHA) are required by the Air Toxics "Hot Spots" Act to review each Health Risk Assessment (HRA). Based on the results of the risk assessment, facilities may be determined to pose a significant risk. Risk calculation involves a great deal of uncertainty. The uncertainty arises from lack of data in many areas necessitating the use of assumptions. The assumptions used are designed to err on the side of health protection in order to avoid underestimating the risk to the

public. Therefore, while the actual risk may be much less than the calculated risk, it is very unlikely to be higher than calculated.

HRA's are required of facilities that receive a "high" priority ranking. No facilities in the Valley were ranked as "high" priority, and therefore no HRA's were required under the AB 2588 "Hot Spots" program in 2013.

Risk Reduction Audits and Plans

Facilities that pose health risks above District action levels are required to submit plans to reduce their risk. Action levels for risk were established in the District's Board-Approved Risk Reduction policy. The action level for cancer risk is 100 cases per million exposed persons, based on the maximum exposure beyond facility boundaries at a residence or business. The action level for non-cancer risk is a hazard index of five at any point beyond the facility boundary where a person could reasonably experience exposure to such a risk.

There are currently no Valley facilities that have been determined to pose risks in excess of action levels.

District Assistance and Streamlining Efforts

The District remains in close contact with facilities tracked through the Toxics Hot Spots Program to assist them in meeting ongoing toxics requirements. To further minimize the economic impact on these facilities, the District has integrated the Air Toxics and Emissions Inventory programs, an enhancement that eliminates the need for duplicate reporting efforts by the facilities and allows for quick and accurate processing of update TEIR reports or health risk assessments with the most current facility information. This, in turn, expedites the determination for potential further reporting by the sources. The District made other efforts to provide facilities with assistance, such as developing air dispersion modeling guidelines and being the first district in California to implement the use of the "AERMOD" modeling program along with the continuing training of District staff in CARB's HARP program. These efforts also improve the quality of service offered to affected facilities and the public.

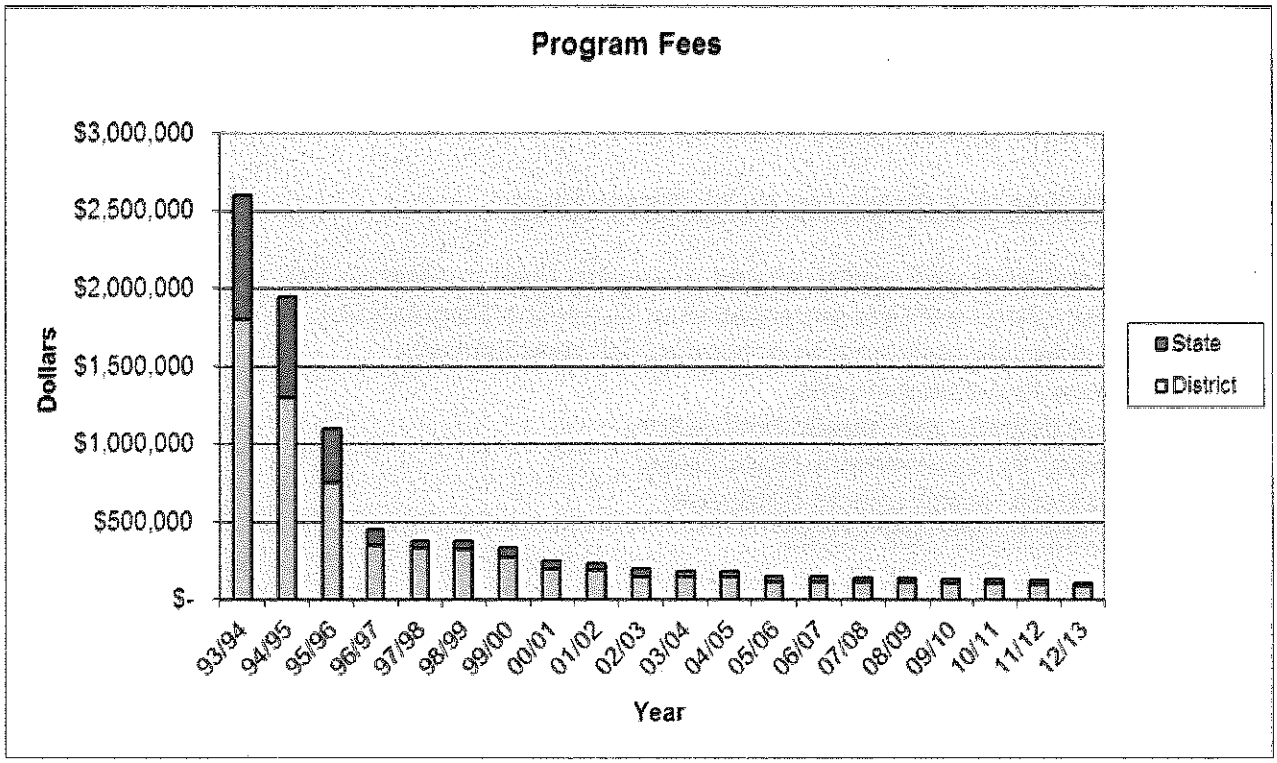
Air Toxics Hot Spots Program Cost

Minimizing Program Costs

During the course of implementing the Toxics "Hot Spots" Program, the District has made significant progress in making air toxics reduction efforts more cost effective. These reductions have been made possible by efforts to identify and exempt facilities that could not be expected to pose a health risk to the public and other

program streamlining measures. These cost reductions, which were achieved in spite of increases in federal program requirements, translate directly into lower overall fees charged to Valley facilities. The following graph shows the reduction in the District's air toxics program costs that have been realized in the past two decades, a total reduction of approximately 96%.

Figure 3 - Toxics Program Fees



The total program fees collected from industry have been reduced by approximately 9% this year, from $122,223 in 2012 to $111,033 in 2013, as a result of existing stationary source facilities continuing to reduce toxic emissions through implementation of the District's Air Toxics program.

The fees collected support the following activities that CARB, OEHHA, and the District must undertake to administer Air Toxics Programs:

California Air Resources Board Activities Supported by Air Toxics Fees

1. Review potential additions to the toxics substances list;
2. Develop source test methods;
3. Assist districts in implementing the guideline regulations;
4. Assist facility operators in preparing protocols and risk assessments;
5. Assist districts in reviewing risk assessments and protocols;
6. Manage the statewide "Hot Spots" data

District Activities Supported by Air Toxics Fees

1. Review of toxic emission inventory plans and reports;
2. Review of updates;
3. Rank facilities for health risk assessment;
4. Review and approve risk assessments;
5. Participate in notification process;
6. Perform budgeting and billing functions;
7. Prepare public reports;
8. Review of applications for new and modified sources of air toxics;
9. Risk Management Review;
10. Title III Implementation Activities

OEHHA Activities Supported by Air Toxics Fees

1. Assist CARB with updating and reviewing toxic substance list;
2. Assist CARB with implementation of Guideline Regulations;
3. Assist facility operators in preparing risk assessments;
4. Review risk assessments;
5. Assist districts with public notification;
6. Update risk assessment procedures;
7. Develop a health effects database;
8. Develop health risk values

OEHHA'S Draft Changes to the Risk Assessment Guidelines

In 2013, the state Office of Environmental Health Hazard Assessment's (OEHHA's) issued a draft revised Risk Assessment Guidelines designed to provide enhanced protection of children. The District's initial assessment indicates that these changes will more than double the calculated risk, as compared to the current methodology, for identical circumstances. As a result, the number of "Significant Risk Facilities" will increase along with the associated public notifications required under the Air Toxics "Hot Spots" Information and Assessment Act.

Following the District Governing Board recommendation, District staff will be proposing, through a public process, to incorporate the expected revisions to OEHHA's Risk Assessment as follows:

- Retain the District's current public notification and health risk reduction thresholds used in implementing the Air Toxics "Hot Spots" Information and Assessment Act, in order to enhance the public's right-to-know and health protection;
- Adjust permitting risk thresholds, as necessary, to prevent unreasonable restrictions on permitting of stationary sources and California Environmental Quality Act (CEQA) projects, while preventing any relaxations of current health protections;

- Incorporate all possible streamlining of the health risk assessment process to minimize administrative costs and burden to Valley businesses; and
- Develop effective outreach tools and processes to communicate with communities and businesses regarding revised procedures and risk estimates.

District activities associated with updating the District's risk management policies will proceed upon OEHHA's public release of their final proposed revisions.

Preventing Health Risks

Preventing Future Toxics Hot Spots - Risk Management Reviews

One goal of District risk management efforts is to ensure that new and modified sources of air pollution do not introduce new and unacceptable health risks at nearby residences and businesses. In order to achieve this goal, the District reviews the risk associated with each proposed permitting action where there is an increase in emissions of hazardous air pollutants or change in operations. This risk management review is performed by expert District staff as part of the engineering evaluation for these projects. Since risk management reviews are performed concurrently with other project review functions using streamlined procedures including improved modeling tools developed by District staff, use of appropriate designated modeling programs, and utilizing the most current and applicable meteorological data processed by District staff, the process does not extend the length of time necessary to process applications.

Under the District's risk management policy (Policy APR-1905), Toxic Best Available Control Technology must be applied to all units that may pose greater than de minimus levels of risk. Projects that would pose significant health risks at nearby residences or businesses are not approvable. When a project is determined not to be approvable as proposed, District staff will work with the applicant to find approvable low-risk alternatives, such as installing air toxic emissions control devices or limiting the operation of the proposed equipment.

During the year 2013, District staff performed risk management reviews for over 900 projects.

Reducing Regional Health Risks

Diesel Exhaust Risk Reduction

In August of 1998, following a comprehensive 10-year scientific investigation, the State ARB identified particulate matter emissions from diesel-fueled engines as a toxic air contaminant with the potential to pose a significant cancer risk to the public. In the analysis prepared for this determination, ARB estimated the cancer risk from the exhaust of diesel internal combustion engines to be over 500 cancer cases per million, which is far higher than the estimated cancer risk from all other sources of air pollution combined. Because of the extremely high level of risk associated with diesel exhaust, and because of the prevalence of the engines, the State chose not to address diesel exhaust using the existing risk management guidance. Instead, the State decided to establish an advisory committee of interested parties, and developed a comprehensive risk management plan that would result in significant reductions in emissions of diesel particulate matter. In September 2000, the California ARB adopted the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-fueled Engines and Vehicles. The Plan's goals were a 75 percent reduction in diesel PM by 2010 and an 85 percent reduction by 2020 from the 2000 baseline.

Reducing Health Risk through State ATCMs

ATCM for Portable Diesel-Fueled Engines

On February 26, 2004, ARB adopted an ATCM for portable diesel-fueled engines. The ATCM became effective on March 11, 2005 and contains stringent emissions standards and operational requirements that impact new and existing portable diesel engines. All existing portable diesel engines were required to be certified by January 1, 2010, and all new portable engines were required to meet the latest certification standards. In addition, the ATCM contains stringent diesel PM fleet standards that apply after 2010. The District has been implementing these new standards in the review of applications for District Portable Registrations or permits for portable diesel engines. This ATCM is expected to result in a substantial reduction in Valley diesel PM emissions over the next several years.

State Control Measure for In Use Off-road Diesel Vehicle Rule

On July 26, 2007, ARB adopted a regulation to reduce diesel PM and oxides of nitrogen (NO_X) emissions from in-use (existing) off-road heavy-duty diesel vehicles. The regulation applies to self-propelled diesel-fueled vehicles that cannot be registered and licensed to drive on-road. Examples include loaders, crawler tractors, skid steers, backhoes, forklifts, and airport ground support equipment. Vehicles with engines less than 25 horsepower are exempt. The regulation is expected to reduce diesel exhaust emissions by an average of 1,560 tons per year statewide between 2010 and 2030. This represents a 73% reduction in diesel PM

from emissions levels anticipated in the absence of this regulation, preventing an estimated 4,000 premature deaths.

Diesel Particulate Matter Control Measure for On-road Heavy-duty Diesel-fueled Vehicles Owned or Operated by Public Agencies and Utilities

On December 6, 2006, ARB adopted the Diesel Particulate Matter Control Measure for On-road Heavy-duty Diesel-fueled Vehicles Owned or Operated by Public Agencies and Utilities. This control measure will reduce emissions from these types of vehicles over several deadlines, with the first groups of vehicles required to be in compliance by December 31, 2007. This control measure is particularly effective because it reduces diesel PM emissions in the heart of residential communities where municipal and utility vehicles frequently conduct business, and where the public is significantly impacted by diesel PM emissions.

ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling

On October 20, 2005, ARB adopted an ATCM to reduce emissions of toxics and criteria pollutants by limiting idling of new and in-use sleeper berth-equipped diesel trucks. The emission performance requirements require technologies used as alternatives to idling the truck's main engine. The new engine requirements required 2008 and newer model year heavy-duty diesel engines to be equipped with non-programmable engine shutdown systems that automatically shut down the engine after five minutes of idling or, alternatively, meet a more stringent NO_X idling emission standard. Beginning January 1, 2008, in-use truck requirements require operators of both in-state and out-of-state registered sleeper berth equipped trucks to manually shut down their engine when idling more than five minutes at any location within California. Each year heavy-duty diesel truck idling contributes to hundreds of pounds of PM as well as other pollutants to the Valley. The District Incentive Program has subsidized truck stop support equipment to reduce diesel truck idling along the main goods movement corridors. Tests conducted by the District and ARB have determined that an idling truck can consume up to a gallon of diesel fuel an hour. The idling of heavy-duty trucks, at the time of delivery, represents a high percentage of emissions around developed areas in the San Joaquin Valley.

ATCM for Transport Refrigeration Units

On February 26, 2004, ARB adopted an ATCM to reduce emissions of diesel PM from Transport Refrigeration Units (TRUs). TRUs are refrigeration systems powered by diesel internal combustion engines designed to refrigerate or heat perishable products that are transported in various containers, including semi-trailers, truck vans, shipping containers, and rail cars. Although TRU engines are relatively small, ranging from 9 to 36 horsepower, significant numbers of these engines congregate at distribution centers, truck stops, and other facilities, resulting in the potential for health risks to those that live and work nearby. ARB

estimates that diesel PM emissions from TRUs will be reduced 65% by 2010, and 92% by 2020.

ATCM for Hexavalent Chromium for Decorative and Hard Chrome Plating and Chromic Acid Anodizing Facilities

This revision to the existing ATCM for chrome plating operations became effective on October 24, 2007. It established new, more stringent emission limitations that depend upon size and nearness to sensitive receptors, limited the use of chemical fume suppressants, and adopted new housekeeping, education, monitoring, recordkeeping, and reporting requirements. The District chose to implement this ATCM by revising Rule 7011 to incorporate the revised ATCM by reference. The District also required submission of a compliance plan and applications for Authorities to Construct (ATCs). A compliance workshop was held on November 17, 2007 to assist facility owners and operators in complying with the ATCM. The District's Governing Board adopted the rule on January 17, 2008. In late 2012, ARB scheduled a workshop to revise the ATCM to conform with; a new limit on surface tension requirements, prohibition of a specific chemical in fume suppressants, and housekeeping requirements in the federal NESHAP. That workshop was held in January 2013. Since then, ARB has not proceeded on any further rulemaking. Note that the chrome plating ATCM is the California equivalent of the federal NESHAP. Thus, the NESHAP is not enforced separately.

ATCM for Perchloroethylene Emissions from Dry Cleaning Operations

The ARB adopted an ATCM for dry cleaners using perchloroethylene on January 25, 2007. The amendments will phase out the use of Perc dry cleaning machines and related equipment by January 1, 2023. In addition, the amendments will put in place revisions to the Curriculum for the Environmental Training Program for Perc Dry Cleaning Operations (Training Curriculum). There were changes to the operational requirements for dry cleaners as well. For example, the revised ATCM requires that owners/operators maintain a spare set of gaskets on-site. Also, the trained operator must now be on-site whenever the machine is operated. These amendments became effective upon final approval by the Office of Administrative Law on December 27, 2007. The District adopted the revised ATCM in 2008 by reference.

Composite Wood Product ATCM

Formaldehyde is produced on a large scale worldwide. One major use includes the production of wood binding adhesives and resins. On April 26, 2007, ARB approved an ATCM to reduce formaldehyde emissions from composite wood products including hardwood plywood, particleboard, medium density fiberboard, thin medium density fiberboard, and also furniture and other finished products made with composite wood products. ARB developed a modified version of the Composite Wood Product ATCM that was released for a 15-day public comment period on January 31, 2008, and was approved April 18, 2008, by the Office of

Administrative Law. Further amendments to this ATCM were approved in May of 2012.

Other ATCMs

The following ATCMs have been adopted by the District as regulations:

- Hexavalent Chromium - Cooling Towers
- Ethylene Oxide - Sterilizers and Aerators
- Dioxin - Medical Waste Incinerators
- Fluorides - Phosphoric Acid Plants
- Asbestos - Containing Material for Surfacing Applications
- Toxic Metals from Non-Ferrous Metal Melting

Other ATCMs are implemented primarily through the permitting process. These include the ATCM for Stationary Compression Ignition Engines and the ATCM for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater.

Using the 2010 California Toxics Inventory (CTI) the District quantified the actual emissions reductions achieved by the implementation of ATCMs and other air toxic control measures. Examples of the resulting emissions reductions can be found in Appendix D.

Implementation of Federal Air Toxics Mandates

The Federal Environmental Protection Agency (EPA) has issued National Emission Standards for Hazardous Air Pollutants (NESHAPS) through Part 61 and Part 63 of Title 40 of the Code of Federal Regulations (CFR). The Part 61 NESHAPS were issued prior to the adoption of the Federal Clean Air Act Amendments of 1990. Those NESHAPS are specific to a particular hazardous air pollutant (HAP). Due to little activity in adopting NESHAPs, the 1990 amendments to the Federal Clean Air Act established a new procedure for developing NESHAPS. A list of 189 HAPs was established. EPA identified industries that emitted those HAPs and established a prioritized list of over 70 source categories for which Maximum Achievable Control Technology (MACT) standards would be promulgated. These MACT standards apply to major sources of HAPs, defined as sources with emissions greater than 10 tons per of a single HAP, or 25 tons per year of combined HAPs. Many of these source categories are already subject to state and local regulation, which have traditionally been more stringent than the federal regulations. EPA has already adopted MACT standards to address the majority of the source categories identified.

In addition to the MACT standards for major sources, EPA is also required to adopt NESHAP standards to reduce the health risk associated with area (non-major) sources of HAPs. As the result of a lawsuit, EPA was under court order to promulgate area source NESHAPS for 4 categories of sources by December 15, 2006; for 6 categories by June 15, 2007; and for 10 categories each 6 months thereafter until June 15, 2009. Similar to the MACT standards for major sources, many of the area sources subject to these standards are already subject to state and local regulation. Area source NESHAPS have already been promulgated for Oil and Natural Gas Production Facilities; Polyvinyl Chloride and Copolymers Production, Primary Copper Smelting, Secondary Copper Smelting, and Primary Nonferrous Metals-- Zinc, Cadmium, and Beryllium; Acrylic and Modacrylic Fibers Production, Carbon Black Production, Chemical Manufacturing: Chromium Compounds, Flexible Polyurethane Foam Production and Fabrication, Lead Acid Battery Manufacturing, and Wood Preserving; Clay Ceramics Manufacturing, Glass Manufacturing, and Secondary Nonferrous Metals Processing; Electric Arc Furnace Steelmaking Facilities; and Hospital Ethylene Oxide Sterilizers.

An amendment to 40 CFR part 63, subpart ZZZZ (control of HAPs from reciprocating internal combustion engines) was proposed on June 6, 2012, and was finalized by EPA on January 14, 2013. This regulation requires reductions in hazardous air pollutants from stationary internal combustion engines over the next several years, and requires significant recordkeeping and monitoring of the engines affected. The District is currently developing processes and policies to assist those facilities affected to comply with the new requirements.

Many other amendments to existing NESHAPS were finalized in 2012: Chemical Manufacturing, Hard & Decorative Chrome electroplating and HCL supplements,

Polyvinyl Chloride, Nitric Acid Plants, Petroleum Refineries process heaters and flares, etc. While these NESHAPS have lesser applicability in California and the San Joaquin Valley then the engine NESHAP discussed above, the District will identify, notify, and assist those facilities affected.

Current Status of Delegation

The District currently is delegated authority by EPA to implement and enforce NESHAPs through two mechanisms. First, all major sources of HAPs are required to obtain Title V operating permits. The NESHAP requirements for these major sources are included in the Title V permits for which the District is delegated authority by EPA. Second, the District is delegated authority to implement and enforce all area source NESHAPs that are included in District Rule 4002, most recently amended on May 20, 2004. The District, with the advice of counsel, will not seek delegation to implement and enforce the area source NESHAPS. Under the District's Air Toxics Program and federal regulations, there are several options for implementing new NESHAP standards. These options are discussed in more detail below. The District will choose the most appropriate option for implementing each Federal standard, and will hold public workshops to obtain public input on the implementation of these additional standards.

- **Straight Delegation**. Accepting delegation of the federal standard as written by amending Rule 4002 or by agreeing to automatic delegation with an option of opting-out for specific NESHAPS using an approach developed by the California Air Pollution Control Officers Association (CAPCOA);

- **Rule Adjustment**. Proposing minor changes to the federal MACT rule that make the adjusted rule no less stringent than the federal standard;

- **Rule Substitution**. Substituting one or more existing, new, or amended District rules for the federal standard (It should be noted that California Districts have been delegated authority for the chrome plating and dry cleaning NESHAPS because EPA has agreed that the ATCMs for those source categories are equivalent to the NESHAPS.);

- **Streamlining Multiple Applicable Requirements**. Minimizing duplicative requirements by placing the more stringent emission limit or workplace practice standard on the permit along with the corresponding monitoring, recordkeeping, and reporting requirements;

- **Program Substitution**. Using existing programs to assure compliance with the requirements of federal standards;

- **No Delegation**. Using existing programs to reduce the emissions of hazardous air pollutants without delegation of federal standards.

The NESHAPS for which the District has received delegation through Rule 4002 are listed in Table B-1 in Appendix B. All current NESHAPS for which the District has not received delegation through Rule 4002 are listed in Table B-2 in Appendix B.

Regardless of the status and type of delegation, the District believes strongly in working with the affected sources to make them aware of the requirements in a timely manner, and then help them understand and comply with these public health protective regulations.

California Environmental Quality Act and Health Risk Reduction

The California Environmental Quality Act (CEQA) requires public agencies to evaluate project environmental impacts and all feasible alternatives or mitigation measures that can substantially reduce or avoid those impacts. Generally, the main responsibility for satisfying CEQA requirements, or "lead agency" role, falls under the responsibility of city or county planning agencies.

From a health risk perspective, land use decisions are critical to improving and preventing degradation of air quality within the San Joaquin Valley Air Basin because land use patterns greatly influence potential exposure of sensitive receptors to sources of air pollution. Under CEQA, land use agencies must evaluate the potential significance of health risks associated with the projects they approve. However, most land use agencies lack the necessary technical expertise to asses health risk impacts associated with exposure to toxic air contaminants. As a result, there is a great need for the District to provide land use agencies tools that will assist them with incorporating health risk assessment from exposure to toxic air contaminants into their land use decisions.

Modeling Guidance and Tools

The District has traditionally provided guidance to local lead agencies in evaluating and addressing air pollution impacts from projects subject to CEQA. Recognizing the need for information and screening tools to support decision makers as they establish policies and programs for CEQA, the District has revised its Health Risk Assessment (HRA) modeling guidance document to address issues that arise in CEQA HRAs, and distributed this guidance to land use agencies and posted it the District website, www.valleyair.org.

Public Assistance

With concerns about health risk impacts from CEQA projects and the need to streamline the CEQA HRA review process; the District has dedicated a significant amount of effort into providing assistance to proponents and their consultants in preparing CEQA HRAs. This assistance includes providing extensive assistance to consultants regarding health risk modelling. In addition to providing direct assistance, the District carefully reviews the HRAs included in CEQA documents circulated by public agencies for review, and provides further feedback and guidance.

Air Dispersion Modeling

Air quality models use mathematical techniques to simulate the physical and chemical processes that affect air pollutants as they disperse and react in the atmosphere. These models form the backbone of the air toxics management process, as they are used to assess the potential exposure of the public to various toxic emissions. Using inputs of meteorological data and source parameter information such as emission rates and stack height, models predict ambient concentrations of primary pollutants that are emitted. Models are also important to the air quality management process because they determine compliance with National/State Ambient Air Quality Standards (NAAQS/SAAQS), and other regulatory requirements such as New Source Review (NSR).

EPA Regulatory Model (AERMOD)

The American Meteorological Society/Environmental Protection Agency Regulatory Model Improvement Committee (AERMIC) was formed to introduce state-of-the-art modeling concepts into the EPA's air quality models. Through AERMIC, a modeling system, AERMOD, was developed to incorporate air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of both surface and elevated sources, and both simple and complex terrain.

With the promulgation of AERMOD as the preferred air dispersion model in EPA's *Guideline on Air Quality Models* (signed by the EPA Administrator on October 21, 2005 and published November 9, 2005 in the *Federal Register*), AERMOD is used for appropriate application as a replacement for ISCST3 after November 9, 2006.

Meteorological Data

The District purchased data generated from the MM5 meteorological model for the western part of the San Joaquin Valley. This allowed for better modeling on the Westside of the valley; where there are no Automated Surface Observation System (ASOS) that collect sufficient data needed for met processing.

All processed data is freely available for download on the District's web page at http://www.valleyair.org/busind/pto/Tox_Resources/AirQualityMonitoring.htm.

Modeling Guidance

The District developed a modeling guidance document that was designed to address major issues involved with running AERMOD and specific guidance with default modeling parameters for common source types. The modeling guidance

document can be found on the District's web site at http://www.valleyair.org/busind/pto/Tox_Resources/AirQualityMonitoring.htm.

In 2012 the Office of Environmental Health Hazard Assessment (OEHHA) developed new modeling guidance. Lakes Environmental is in the process of updating the AERMOD modeling program in order to accommodate the changes in modeling resulting from the new OEHHA guidance.

Modeling Support to Public Agencies, State-wide, and Others

The District is one of the leading air dispersion modeling experts in the State of California by ensuring that the newest models and techniques are implemented and providing modeling guidance to support internal and external users. Additionally, District staff has been called by local government agencies, other Districts, consultants working on projects outside the Valley, and ARB to provide modeling assistance.

The District's Health-Risk Reduction Strategy

In September 2010, the District Governing Board adopted the Health-Risk Reduction Strategy to maximize public health improvements within the District's various strategies and programs. In line with the District's Air Toxic Program, the overall goal of the Health-Risk Reduction Strategy is to minimize the Valley population's exposure to air pollution and corresponding health risk. This risk reduction goal is being pursued through the integration of emerging scientific knowledge into the District's control strategies, incentive programs, public communication, and other strategies to prioritize those efforts that provide the biggest public health benefits.

District's Health-Risk Reduction Strategy Implementation

The District's Health-Risk Reduction Strategy has been implemented through a variety of programs:

- **Attainment Plans and Control Strategies.** Within the District's recent *2012 PM2.5 Plan*, the District prioritized strategies achieving the greatest public health benefits while satisfying applicable attainment planning requirements. The District also analyzed the health benefits that would result from implementation of the plan. Several examples of prioritized control strategies included in the *2012 PM2.5 Plan* include new measures to further reduce emissions from commercial cooking (Rule 4692) and residential wood burning (Rule 4901). These measures will reduce some of the most harmful types of particulate matter when and where those reductions are most needed in urban, highly populated areas. The District has prioritized commitments to strengthen these programs due to the significant and well-researched public health benefits.

- **Research.** The District actively tracks, sponsors, and coordinates research projects related to public health and air quality. For example, in 2010–2011, the District sponsored a first-of-its-kind epidemiological investigation of health effects of air pollution in Modesto, Fresno, and Bakersfield. The study found that high particulate matter and ozone concentrations clearly correlate to increased hospital and ER admission rates, especially for those 19 and younger. The District sponsored a follow-up study in 2011-2012. The District is also sponsoring a pilot study of ultra-fine particulates in Fresno, partnering with UCSF-Fresno, to investigate the quantity and spatial distribution of ultra-fine plumes from motor vehicles, lawn care equipment, wood burning, and restaurants.

- **District incentive programs.** The District has implemented a number of incentive programs that prioritize public health benefits, including programs that target heavy duty diesel equipment, old school buses, residential wood burning

devices, and more. A significant portion of this funding provides direct benefits to environmental justice communities in the Valley.

- **The District's information and educational programs, including the Real-Time Air Quality Advisory Network (RAAN).** RAAN uses real-time data from air monitoring stations throughout the Valley to provide hour-by-hour air quality updates to schools and other subscribers. Subscribers can use this information to make informed decisions and plan outdoor activities for times with the best air quality, reducing potential air quality health risks.

APPENDICES

Appendix A: Toxic Emissions Summary
Appendix B: AB 2588 District Implementation Flow Chart
Appendix C: Current Status of NESHAP Delegation
Appendix D: ATCM Emissions Reductions

Appendix A

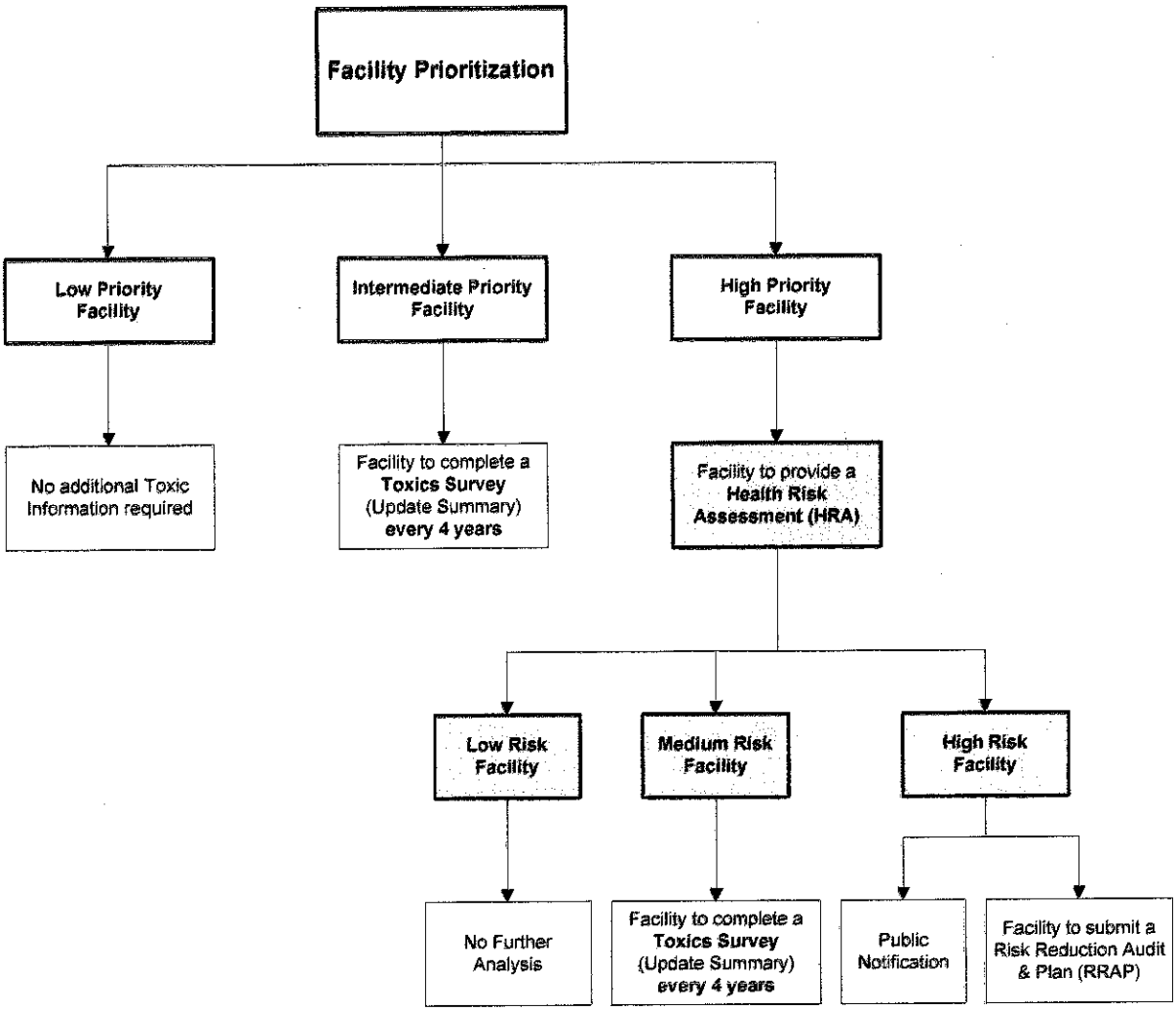
Table A1 - Toxic Emissions Summary

Pollutant	2010 CTI (tons/yr)
Diesel Particulate Matter	2,520
Formaldehyde	2,318
Benzene	1,020
Acetaldehyde	3,512
Acrolein	153
1,3-Butadiene	269
Methylene Chloride	247
Perchloroethylene	448
PAHs	238
p-Dichlorobenzene	130
Manganese	217
Styrene	96
Trichloroethylene	46
Chromium	34
Lead	28
Nickel	18
Acrylonitrile	7
Arsenic	5
Vinyl Chloride	7
Cadmium	3
Mercury	2
Ethylene Oxide	0
Chloroform	2
Ethylene Dichloride	0
Beryllium	0
Carbon Tetrachloride	0
Dioxins/Benzofurans	0
Chromium, Hexavalent	0

Emissions for eight counties of San Joaquin Valley from California Air Resources Board draft California Toxics Inventory (CTI) for 2010, the latest available year. Data for CTI was obtained from a variety of District and State sources.

Appendix B

Figure B1 – AB 2588 Toxic "Hot Spots" District Implementation



Appendix C

Current Status of NESHAP Delegation

NESHAP Delegated

NESHAPS for Which Authority Has Been Delegated to the District Because They Are Included in Rule 4002

Table B-1 - 40 CFR 63

Subpart	*Title*
A	General Provisions
F-I	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry
J	National Emission Standards for Hazardous Air Pollutants from Polyvinyl Chloride and Copolymers Production
L	National Emission Standards for Coke Oven Batteries
R	National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)
S	National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry
T	National Emission Standards for Halogenated Solvent Cleaning (except §63.462 - Batch cold cleaning machine standards)
U	National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins
W	National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production
X	National Emission Standards for Hazardous Air Pollutants From Secondary Lead Smelting
Y	National Emission Standards for Marine Tank Vessel Loading Operations
AA	National Emission Standards for Hazardous Air Pollutants From Phosphoric Acid Manufacturing Plants
BB	National Emission Standards for Hazardous Air Pollutants From Phosphate Fertilizers Production Plants
CC	National Emission Standards for Hazardous Air Pollutants From Petroleum Refineries
DD	National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations
EE	National Emission Standards for Magnetic Tape Manufacturing Operations
GG	National Emission Standards for Aerospace Manufacturing and Rework Facilities
HH	National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities
II	National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)

Subpart	***Title***
JJ	National Emission Standards for Wood Furniture Manufacturing Operations
KK	National Emission Standards for the Printing and Publishing Industry
LL	National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants
MM	National Emission Standards for Hazardous Air Pollutants from Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills
YY	National Emission Standards for Hazardous Air Pollutants: Generic Maximum Achievable Control Technology (Generic MACT)
CCC	National Emission Standards for Hazardous Air Pollutants for Steel Pickling--HCl Process Facilities and Hydrochloric Acid Regeneration Plants
DDD	National Emission Standards for Hazardous Air Pollutants for Mineral Wool Production
GGG	National Emission Standards for Hazardous Air Pollutants From Pharmaceutical Production
HHH	National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities
III	National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production
JJJ	National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins
LLL	National Emission Standards for Hazardous Air Pollutants for Source Categories; Portland Cement Manufacturing Industry
MMM	National Emission Standards for Hazardous Air Pollutants: Pesticide Active Ingredient Production
NNN	National Emission Standards for Hazardous Air Pollutants for Source Categories; Wool Fiberglass Manufacturing
OOO	National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins
PPP	National Emission Standards for Hazardous Air Pollutants for Polyether Polyols Production
QQQ	National Emission Standards for Hazardous Air Pollutants from Primary Copper Smelting
RRR	National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production
TTT	National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting
UUU	National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units
VVV	National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works
XXX	National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese
AAAA	National Emission Standards for Hazardous Air Pollutants from Municipal

Subpart	***Title***
	Solid Waste Landfills
CCCC	National Emission Standards for Hazardous Air Pollutants from Manufacturing of Nutritional Yeast
EEEE	National Emission Standards for Hazardous Air Pollutants from Organic Liquids Distribution (Non-Gasoline)
FFFF	National Emission Standards for Hazardous Air Pollutants from Miscellaneous Organic Chemical Manufacturing
GGGG	National Emission Standards for Hazardous Air Pollutants from Solvent Extraction for Vegetable Oil Production
HHHH	National Emission Standards for Hazardous Air Pollutants from Wet-Formed Fiberglass Mat Production
JJJJ	National Emission Standards for Hazardous Air Pollutants from Paper and Other Web Coating
KKKK	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Metal Cans
MMMM	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Miscellaneous Metal Parts and Products
NNNN	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Large Appliances
OOOO	National Emission Standards for Hazardous Air Pollutants from Printing, Coating, and Dyeing of Fabrics and Other Textiles
PPPP	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Plastic Parts and Products
QQQQ	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Wood Building Products
RRRR	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Metal Furniture
SSSS	National Emission Standards for Hazardous Air Pollutants from Surface Coating of Metal Coil
TTTT	National Emission Standards for Hazardous Air Pollutants from Leather Finishing Operations
UUUU	National Emission Standards for Hazardous Air Pollutants from Cellulose Products Manufacturing
VVVV	National Emission Standards for Hazardous Air Pollutants from Boat Manufacturing
WWWW	National Emission Standards for Hazardous Air Pollutants from Reinforced Plastic Composites Production
XXXX	National Emission Standards for Hazardous Air Pollutants from Rubber Tire Manufacturing
YYYY	National Emission Standards for Hazardous Air Pollutants from Stationary Combustion Turbines
AAAAA	National Emission Standards for Hazardous Air Pollutants from Lime Manufacturing Plants
BBBBB	National Emission Standards for Hazardous Air Pollutants from Semiconductor Manufacturing
CCCCC	National Emission Standards for Hazardous Air Pollutants from Coke

Subpart	***Title***
	Ovens: Pushing, Quenching, and Battery Stacks
EEEEE	National Emission Standards for Hazardous Air Pollutants from Iron and Steel Foundries
FFFFF	National Emission Standards for Hazardous Air Pollutants from Integrated Iron and Steel Manufacturing
GGGGG	National Emission Standards for Hazardous Air Pollutants from Site Remediation
HHHHH	National Emission Standards for Hazardous Air Pollutants from Miscellaneous Coating Manufacturing
IIIII	National Emission Standards for Hazardous Air Pollutants from Mercury Emissions From Mercury Cell Chlor-Alkali Plants
JJJJJ	National Emission Standards for Hazardous Air Pollutants from Brick and Structural Clay Products Manufacturing
KKKKK	National Emission Standards for Hazardous Air Pollutants from Clay Ceramics Manufacturing
LLLLL	National Emission Standards for Hazardous Air Pollutants from Asphalt Processing and Asphalt Roofing Manufacturing
MMMMM	National Emission Standards for Hazardous Air Pollutants from Flexible Polyurethane Foam Fabrication Operations
PPPPP	National Emission Standards for Hazardous Air Pollutants from Engine Test Cells/Stands
QQQQQ	National Emission Standards for Hazardous Air Pollutants from Friction Materials Manufacturing Facilities
RRRRR	National Emission Standards for Hazardous Air Pollutants from Taconite Iron Ore Processing
SSSSS	National Emission Standards for Hazardous Air Pollutants from Refractory Products Manufacturing
TTTTT	National Emission Standards for Hazardous Air Pollutants from Primary Magnesium Refining

NESHAP Not Delegated

NESHAPS For Which Authority Has Not Been Delegated to the District Because They Are Not Included in Rule 4002

Table B-2 - 40 CFR 63

Subpart	*Title*
L	National Emission Standards For Coke Oven Batteries
M	National Perchloroethylene Air Emission Standards For Dry Cleaning Facilities – California Not Delegated Authority To Enforce 17 CCR 93109 Instead Of Subpart M For Major Sources.
N	National Emission Standards For Chromium Emissions From Hard And Decorative Chromium Electroplating And Chromium Anodizing Tanks – California Delegated Authority To Enforce 17 CCR 93102 Instead Of Subpart N. Applies To Old ATCM.
O	Ethylene Oxide Emissions Standards For Sterilization Facilities
Q	National Emission Standards For Hazardous Air Pollutants For Industrial Process Cooling Towers
OO	NATIONAL Emission Standards For Tanks - Level 1
PP	National Emission Standards For Containers
QQ	National Emission Standards For Surface Impoundments
RR	National Emission Standards For Individual Drain Systems
SS	National Emission Standards For Closed Vent Systems, Control Devices, Recovery Devices And Routing To A Fuel Gas System Or A Process
TT	National Emission Standards For Equipment Leaks - Control Level 1
UU	National Emission Standards For Equipment Leaks - Control Level 2 Standards
VV	National Emission Standards For Oil-Water Separators And Organic-Water Separators
WW	National Emission Standards For Storage Vessels (Tanks) - Control Level 2
XX	National Emission Standards For Ethylene Manufacturing Process Units: Heat Exchange Systems And Waste Operations
EEE	National Emission Standards For Hazardous Air Pollutants From Hazardous Waste Combustors
DDDD	National Emission Standards For Hazardous Air Pollutants: Plywood And Composite Wood Products
IIII	National Emission Standards For Hazardous Air Pollutants: Surface Coating Of Automobiles And Light-Duty Trucks
ZZZZ	National Emissions Standards For Hazardous Air Pollutants For Stationary Reciprocating Internal Combustion Engines
DDDDD	National Emission Standards For Hazardous Air Pollutants For Industrial, Commercial, And Institutional Boilers And Process Heaters
NNNNN	National Emission Standards For Hazardous Air Pollutants: Hydrochloric Acid Production
WWWWW	National Emission Standards For Hospital Ethylene Oxide Sterilizers
YYYYY	National Emission Standards For Hazardous Air Pollutants For Area

Subpart	***Title***
	Sources: Electric Arc Furnace Steelmaking Facilities
ZZZZZ	National Emission Standards For Hazardous Air Pollutants For Iron And Steel Foundries Area Sources
BBBBBB	National Emission Standards For Hazardous Air Pollutants For Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, And Pipeline Facilities
CCCCCC	National Emission Standards For Hazardous Air Pollutants For Source Category: Gasoline Dispensing Facilities
DDDDDD	National Emission Standards For Hazardous Air Pollutants For Polyvinyl Chloride And Copolymers Production Area Sources
EEEEEE	National Emission Standards For Hazardous Air Pollutants For Primary Copper Smelting Area Sources
FFFFFF	National Emission Standards For Hazardous Air Pollutants For Secondary Copper Smelting Area Sources
GGGGGG	National Emission Standards For Hazardous Air Pollutants For Primary Nonferrous Metals Area Sources - Zinc, Cadmium, And Beryllium
HHHHHH	National Emission Standards For Hazardous Air Pollutants: Paint Stripping And Miscellaneous Surface Coating Operations At Area Sources
LLLLLL	National Emission Standards For Hazardous Air Pollutants For Acrylic And Modacrylic Fibers Production Area Sources
MMMMMM	National Emission Standards For Hazardous Air Pollutants For Carbon Black Production Area Sources
NNNNNN	National Emission Standards For Hazardous Air Pollutants For Chemical Manufacturing Area Sources: Chromium Compounds
OOOOOO	National Emission Standards For Hazardous Air Pollutants For Flexible Polyurethane Foam Production And Fabrication Area Sources
PPPPPP	National Emission Standards For Hazardous Air Pollutants For Lead Acid Battery Manufacturing Area Sources
QQQQQQ	National Emission Standards For Hazardous Air Pollutants For Wood Preserving Area Sources
RRRRRR	National Emission Standards For Hazardous Air Pollutants For Clay Ceramics Manufacturing Area Sources
SSSSSS	National Emission Standards For Hazardous Air Pollutants For Glass Manufacturing Area Sources
TTTTTT	National Emission Standards For Hazardous Air Pollutants For Secondary Nonferrous Metals Processing Area Sources

Appendix D

Table D1 - ATCM Emission Reductions

ATCM	Pollutant	Effective Date	Pre-ATCM Emissions (ton/yr)	2010 Emissions (ton/yr)	% Reduction
On-road Heavy Duty Diesel Vehicles	Particulate Matter	12/31/2007	4,591.63	1,825	60%
Hexavalent Chromium (Plating)	Hexavalent Chromium	1/17/2008	0.23	0.16	30%
Perchloroethylene (Dry Cleaning)	Perchloroethylene	12/12/2007	375.14	38.90	90%
Composite Wood Product	Formaldehyde	4/18/2008	756	245	68%

YOU First then We Will!!

Stop Flooding the Parks from McDonalds Flooding their Grass

Mayor
William Siegel
Mayor Pro Tem
Lois Wynne
Council Members
John Gordon
Eddie Neal
Willard Rodarmel

City of
LEMOORE
CALIFORNIA

Public Works Department

711 W. Cinnamon Drive
Lemoore, CA 93245
Phone (559) 924-6744
Fax (559) 924-6708

JOIN THE EFFORT SAVE OUR WATER

"Water Conservation Measures "
to Encourage Sound Water Conservation Practices

This accompanied a utility payment in the drop box this morning. 4/8/2014.

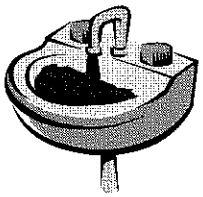
FYI

- NO outdoor watering on M Y, AND SATURDAY.
- EVEN NUMBER ADDRE AND SUNDAY.
- ODD NUMBER ADDRES heduled watering days.
- Summer water toys may g purposes may be done on any day. Buckets and s washing these vehicles.
- WASHING of cars, boats
- A permit to drain a sw Lemoore Public Works Department before any wc permit, but only allowed every other year.
- NO person shall allow e nto streets or highways. Washing of exterior asphe s provided for in Health Department or Fire Departr

Refer to City Ordinance 7-7A-1 through 13 for enforced regulations by visiting our website at www.lemoore.com.

The City of Lemoore Water Division will be pumping additional wells into the City's water system to meet increased summer water demands. This increased pumping could change some of the characteristics of our water, such as odor and color. These conditions do not pose any health problems. The water supplied by the City of Lemoore is tested weekly per State of California Health Service Regulations.

For more tips on reducing water use, visit saveourH20.org



"In God We Trust"

I will lower usage when my Bill Reflects this Reduction

CALIFORNIA IS IN A DROUGHT
Immediate 20% Reduction in Water is Urged

The average Californian uses 196 gallons of water per day. With the warmer summer months approaching, the City of Lemoore Public Works Department would like to encourage residents to reduce water use by 20% or 38 gallons a day to help conserve water.

Hugh Hewitt for President 2016

Water Conservation Tips:

- Fix all leaky toilets, faucets and pipes.
- Install aerators on bathroom faucets. (Saves 1.2 gallons per person/day.)
- Turn off water when shaving, brushing teeth and lathering in the shower. (Saves 10 gallons per person/day.)
- Take 5 minute showers instead of 10 minute showers. (Saves 12.5 gallons per person/day.)
- Put a small bucket in the shower to catch some of the water. Use to water your indoor houseplants, patio plants or outdoor plants.
- Run only full loads in the clothes washing machines. (Saves 15-45 gallons per load.)
- Run dishwasher when full instead of half full. (Saves 5-15 gallons per load.)
- Put hose nozzles on all outside yard hoses.
- Wash cars and boats with a bucket, sponge, and hose with self-closing nozzle.
- Use a broom or rake rather than a hose to remove leaves and debris from your driveway, sidewalks, patio and decks.
- Check your sprinkler system frequently and adjust sprinklers so only your lawn is watered and not the house, sidewalk, or street.
- $$ saving Tip: Change out your yard irrigation controller with a new unit that has a wet weather sensor which will automatically shut the system down when in auto mode if conditions are wet. The savings can pay for the cost in one to two years.

Tree/Yard Watering Tips:

- During drought months, trees must be given top priority over your lawn. Lawns can be replaced in a matter of months, whereas a 20 year old tree will take 20 years to replace.
- Water trees based on size. A general rule of thumb is to use approximately 10 gallons of water per inch of trunk diameter for each watering.
- Watering a tree for 5 minutes during the spring and summer months (April – September) through a regular garden hose, set at medium pressure, once per week will give a tree approximately 10 gallons of water. Water should be distributed evenly under the entire radius of the canopy of the tree. Cut back watering to one or two times a month during dry winter months (October – March).
- Install drip system for trees and shrubs to reduce evaporation.
- Reduce landscape watering days to once or twice per week.
- Water early in the morning or later in the evening when temperatures are cooler.

Maintenance Procedures/Trees and Shrubs:

- Mulch can be used around trees and shrubs to reduce moisture loss. Place organic mulch about 3 to 4 inches thick and about three to four feet in width around trees, shrubs and plants.
- Properly prune trees, vines, bushes during times of drought to improve structure limb stability and to remove dead, weakened branches.
- Do not fertilize around trees, vines, rose bushes, and shrubs under drought stress. Salts in fertilizer could burn roots of plants during drought conditions.
- Plant drought-resistant trees and plants.
- Water deeply, but less frequently to create healthier and stronger landscapes.

Unless you don't like Brown then you water the

It's a matter of fact Stop Wasting Water

Wrong City

"In God We Trust"

Recall all City Council