



**AGENDA**  
**REGULAR CITY COUNCIL AND**  
**REDEVELOPMENT AGENCY MEETING**  
**TUESDAY, APRIL 27, 2010, 7:00 P. M.**  
**SENIOR CITIZEN/COMMUNITY CENTER**  
**MULTIPURPOSE ROOM, 201 E. BONITA AVENUE**

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**CITY COUNCIL:**

Mayor Curtis W. Morris  
Mayor Pro Tem John Ebner  
Councilmember Emmett Badar  
Councilmember Denis Bertone  
Councilmember Jeff Templeman

**1. CALL TO ORDER AND FLAG SALUTE**

**2. PRESENTATIONS**

- a. California Parks and Recreation Society Award of Excellence for Cultural Facilities Design for the Walker House presented to the City Council by CPRS President Elect Pilar Alcivar McCoy
- b. Presentation of awards to winners of the Public Works Earth Day Recycling Contest

**3. ANNOUNCEMENTS**

- a. 50th Anniversary Flashbacks
- b. Pui-Ching Ho, Librarian, San Dimas Library

**4. ORAL COMMUNICATIONS** (Members of the audience are invited to address the City Council on any item not on the agenda. Under the provisions of the Brown Act, the legislative body is prohibited from taking or engaging in discussion on any item not appearing on the posted agenda. However, your concerns may be referred to staff or set for discussion at a later date. If you desire to address the City Council on an item on this agenda, other than a scheduled public hearing item you may do so at this time or asked to be heard when that agenda item is considered. Comments on public hearing items will be considered when that item is scheduled for discussion. The Public Comment period is limited to 30 minutes. Each speaker shall be limited to three (3) minutes.)

- a. Members of the Audience

**5. CONSENT CALENDAR**

(All items on the Consent Calendar are considered to be routine and will be enacted by one motion unless a member of the City Council requests separate discussion.)

- a. Resolutions read by title, further reading waived, passage and adoption recommended as follows:
  - (1) **RESOLUTION NO. 2010-16**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, CALIFORNIA, APPROVING CERTAIN DEMANDS FOR THE MONTH OF APRIL, 2010.
  - (2) Proposed 2010-2011 Assessment Rates for Open Space Maintenance Districts:  
**RESOLUTION NO. 2010-17**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, APPROVING THE ENGINEER'S REPORT AND DECLARING ITS INTENTION TO

LEVY AND COLLECT AN ASSESSMENT FOR FISCAL YEAR 2010-2011 PURSUANT TO THE LANDSCAPE AND LIGHTING ACT OF 1972 AND ARTICLE XIIIID OF THE CALIFORNIA CONSTITUTION, AND FIXING A TIME AND PLACE FOR A PUBLIC HEARING FOR HEARING OBJECTIONS FOR OPEN SPACE MAINTENANCE DISTRICT NO. 1 (TRACT 32818, BOULEVARD).

(3) **RESOLUTION NO. 2010-18**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, APPROVING THE ENGINEER'S REPORT AND DECLARING ITS INTENTION TO LEVY AND COLLECT AN ASSESSMENT FOR FISCAL YEAR 2010-11 PURSUANT TO THE LANDSCAPE AND LIGHTING ACT OF 1972 AND ARTICLE XIIIID OF THE CALIFORNIA CONSTITUTION, AND FIXING A TIME AND PLACE FOR A PUBLIC HEARING FOR HEARING OBJECTIONS FOR OPEN SPACE MAINTENANCE DISTRICT NO. 1, ANNEXATION NO. 3 (TRACT 32841, NORTHWOODS).

- b. Approval of minutes for regular meeting of April 13, 2010.
- c. Implementation of GASB Statement No. 54.
- d. Award of Cash Contract No. 2010-01, Alley reconstruction - Alley L, north of First Street from Acacia Street to Cataract Avenue, to Caliber Paving Co., Inc., for the bid amount of \$74,705.25.
- e. Award of Cash Contract No. 2010-03, Pavement Preservation Project in Maintenance Zone "C", to Roy Allan Slurry Seal, Inc., in the amount of \$384,706.89.
- f. Approval and Award of Development of Sewer Master Plan
  - 1. Appropriation of \$50,000 from Sewer Expansion Fund
  - 2. Award of contract for development of Sewer Master Plan to RKA Consulting Group in the amount of \$125,000.
- g. Award of Contract for design of Horsethief Canyon Park Sewer Extension and Force Main system
  - 1. Appropriation of \$23,000 from Sewer Fund
  - 2. Award of contract for design of Horsethief Canyon Park sewer extension and force main sewer system to Andreason Engineering for the amount of \$23,000.
- h. Proclaim May 6, 2010 National Day of Prayer.
- i. Proclaim April as County of Los Angeles Earthquake Preparedness Month.

END OF CONSENT CALENDAR

## 6. PUBLIC HEARING

*(The following items have been advertised and/or posted. The meeting will be opened to receive public testimony.)*

- a. Municipal Code Text Amendment 10-01 - A request to amend Chapter 18.14 of the City's Municipal Zoning Code, regarding Water Efficient Landscaping, to bring the City in compliance with SB 1881. (CONTINUED FROM APRIL 13, 2010)

**ORDINANCE NO. 1196**, AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS APPROVING MUNICIPAL CODE TEXT AMENDMENT 10-01, TO AMEND CHAPTER 18.14 OF THE CITY'S MUNICIPAL ZONING CODE. **FIRST READING AND INTRODUCTION**

**7. SAN DIMAS REDEVELOPMENT AGENCY**

- a. Oral Communications (This is the time set aside for members of the audience to address the Board. Speakers are limited to three minutes.)
- b. Approval of minutes for meetings of April 13, 2010.
- c. Executive Director
- d. Members of the Agency

**8. SAN DIMAS PUBLIC FACILITIES FINANCING CORPORATION**

- a. Approval of minutes of the April 13, 2010 meeting.

**9. ORAL COMMUNICATIONS**

- a. Members of the Audience (Speakers are limited to five (5) minutes or as may be determined by the Chair.)
- b. City Manager
- c. City Attorney
- d. Members of the City Council
  - 1) Appointment to Public Safety Commission
  - 2) Councilmembers' report on meetings attended at the expense of the local agency.
  - 3) Individual Members' comments and updates.

**10. ADJOURNMENT**

The next meeting will be held on May 11, 2010, 5:00 p.m. for a Budget Study Session.

**AGENDA STAFF REPORTS:** COPIES OF STAFF REPORTS AND/OR OTHER WRITTEN DOCUMENTATION PERTAINING TO THE ITEMS ON THE AGENDA ARE ON FILE IN THE OFFICE OF THE CITY CLERK AND ARE AVAILABLE FOR PUBLIC INSPECTION DURING THE HOURS OF 8:00 A.M. TO 5:00 P.M. MONDAY THROUGH FRIDAY. INFORMATION MAY BE OBTAINED BY CALLING (909) 394-6216. CITY COUNCIL MINUTES AND AGENDAS ARE ALSO AVAILABLE ON THE CITY'S HOME PAGE ON THE INTERNET: <http://cityofsandimas.com>

**SUPPLEMENTAL REPORTS:** AGENDA RELATED WRITINGS OR DOCUMENTS PROVIDED TO A MAJORITY OF THE SUBJECT BODY AFTER DISTRIBUTION OF THE MARCH 11, 2008 AGENDA PACKET SHALL BE MADE AVAILABLE FOR PUBLIC INSPECTION AT THE CITY CLERK'S OFFICE AT 245 EAST BONITA AVENUE DURING NORMAL BUSINESS HOURS. [PRIVILEGED AND CONFIDENTIAL DOCUMENTS EXEMPTED]

**HEARING ASSISTANCE SYSTEM:** THE CITY OF SAN DIMAS CITY COUNCIL CHAMBERS ARE EQUIPPED WITH A HEARING ASSISTANCE SYSTEM. PLEASE CONTACT THE CITY CLERK AT 909/394-6216 TO CHECK OUT A RECEIVER.

**POSTING STATEMENT:** ON APRIL 23, 2010, A TRUE AND CORRECT COPY OF THIS AGENDA WAS POSTED ON THE BULLETIN BOARDS AT 201 EAST BONITA AVENUE (SAN DIMAS SENIOR CITIZEN/COMMUNITY CENTER); 186 VILLAGE COURT (SAN DIMAS TEMPORARY CITY HALL); 145 NORTH WALNUT AVENUE (LOS ANGELES COUNTY PUBLIC LIBRARY, SAN DIMAS BRANCH); AND 300 EAST BONITA AVENUE (UNITED STATES POST OFFICE); AND AS A CONVENIENCE, AT THE VONS SHOPPING CENTER (PUENTE/VIA VERDE) AND THE CITY'S WEBSITE AT [WWW.CITYOFSANDIMAS.COM](http://WWW.CITYOFSANDIMAS.COM).

**RESOLUTION NO. 2010-16**

A RESOLUTION OF THE CITY COUNCIL OF THE  
CITY OF SAN DIMAS, CALIFORNIA, APPROVING  
CERTAIN DEMANDS FOR THE MONTH OF  
APRIL 2010

WHEREAS, the following listed demands have been audited by the Director of Finance;  
and

WHEREAS, the Director of Finance has certified as to the availability of funds for  
payment thereto; and

WHEREAS, the register of audited demands have been submitted to the City Council for  
approval.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of San Dimas  
does hereby approve Warrant Register: 04/30/2010; 130969 through 131124; in the amount of  
\$1,041,143.54.

PASSED, APPROVED AND ADOPTED THIS 27th DAY OF APRIL, 2010.

\_\_\_\_\_  
Curtis W. Morris, Mayor of the City of San Dimas

ATTEST:

\_\_\_\_\_  
Ina Rios, CMC, City Clerk

I HEREBY CERTIFY that the foregoing Resolution was adopted by vote of the City  
Council of the City of San Dimas at its regular meeting of April 27, 2010, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

\_\_\_\_\_  
Ina Rios, CMC, City Clerk

52(1)

WARRANT DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA							
130969	04/30/10	A & I REPROGRAPHICS	12333	COPIES-ALLEY N.OF 1ST	54.33	AL00020213	N D 012.4841.658.010
130970	04/30/10	A & M CARPETS	10125	RETSRETCH CARPET	345.00	5952	M D 001.4430.023.000
130971	04/30/10	ACT NOW! SIGNS	10136	BANNERS	850.56	14940	N D 001.4420.033.001
130972	04/30/10	ADT SECURITY SERVICE	10158	MAY MONITORING	138.96	22773764	N D 001.4411.015.000
130973	04/30/10	ADVANCE SOLAR PROTEC	12507	WINDOW TINT	92.40	04/09/10	M D 003.4410.023.001
130974	04/30/10	ADVANCED ELECTRONICS	12137	LB HFLX ANT 30-40MH	32.64	0089091-IN	N D 001.4342.033.000
130975	04/30/10	ALBERTSON'S	10488	REFRESHMENTS HAPPY HOU	43.59	007906	N D 001.4420.013.003
130975	04/30/10	ALBERTSON'S	10488	RAFFLE PRIZES	215.00	009797	N D 001.4420.013.003
130975	04/30/10	ALBERTSON'S	10488	RETREAT REFRESHMENTS	46.00	019465	N D 001.4110.021.000
				*CHECK TOTAL	304.59		
130976	04/30/10	ALLAN SLURRY SEAL/RO	15790	RETENTION FOR SLURRY	52,716.80	3108 RET	N D 002.210.003
130976	04/30/10	ALLAN SLURRY SEAL/RO	15790	RETENTION FOR SLURRY	5,211.16	3108 RET	N D 002.4841.554.007
130976	04/30/10	ALLAN SLURRY SEAL/RO	15790	SLURRY SEAL WALNUT/	4,400.64	3159	N D 012.4841.554.007
				*CHECK TOTAL	62,328.60		
130977	04/30/10	AMERICAN RED CROSS	12377	LAERDAL POCKET MASK	36.00	11004-084	N D 001.4430.033.000
130977	04/30/10	AMERICAN RED CROSS	12377	LAERDAL POCKET MASK	HA	1004-024	N D 001.4430.033.000
				*CHECK TOTAL	72.00		
130978	04/30/10	AMERICAN RED CROSS	12523	TEXTBOOKS, MASKS	240.00	1164	N D 001.4430.033.000
130979	04/30/10	AMERICAN ROTARY BROO	15805	BASE G/B MATERIAL KIT	224.85	262720	N D 001.4342.011.002
130979	04/30/10	AMERICAN ROTARY BROO	15805	VANGUARD MAIN MAT KIT	608.27	262789	N D 001.4342.011.002
				*CHECK TOTAL	833.12		
130980	04/30/10	AMERINATIONAL COMM.	12314	DEFERRED LOAN FEE	MAR 4.30	10-00705	N D 001.4190.020.030
130981	04/30/10	AMERIPRIDE UNIFORM S	10505	UNIFORMS	22.65	L600235	N D 001.4410.029.000
130981	04/30/10	AMERIPRIDE UNIFORM S	10505	UNIFORMS	72.60	L605445	N D 001.4414.029.000
130981	04/30/10	AMERIPRIDE UNIFORM S	10505	UNIFORMS	21.75	L605448	N D 001.4410.029.000
				*CHECK TOTAL	117.00		
130982	04/30/10	ANDREASON ENGINEERIN	10220	DELIVER MYLARS TO FLO	879.41	17606	N D 012.4841.813.005
130983	04/30/10	ARAMARK REFRESHMENT	10288	MAY LEASE	56.00	1030879	N D 001.4190.033.000
130983	04/30/10	ARAMARK REFRESHMENT	10288	COFFEE	164.00	1522819	N D 001.4190.033.000
130983	04/30/10	ARAMARK REFRESHMENT	10288	DECAF	77.00	1522820	N D 001.4190.033.000
				*CHECK TOTAL	297.00		
130984	04/30/10	ARMENTA/ANA MARIA	.00012	REFUND YNG REMBRANDTS	11.00		N D 001.367.001
130985	04/30/10	AZIZEH/WAFA	.00013	REFUND YNG REMBRANDTS	11.00		N D 001.367.001



DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
10649 OFFICE SUPPLIES	188.50		183672-0		N D 001.4190.030.000
10649 OFFICE SUPPLIES	183.47		183717-0		N D 001.4190.030.000
	615.45	*CHECK	TOTAL		
11850 MAY RENT SPACE 49	242.00		FRIEND 5/2010		N D 034.341.034
11850 MAY RENT SPACE 49	81.00		RESCHKE 5/2010		N D 034.341.034
	323.00	*CHECK	TOTAL		
10647 LEGAL FEES RATE PRO	1,049.45		33663		N D 001.4190.020.018
11649 PRO BIKE PARTS	71.33		42542		N D 001.4430.015.000
15684 INSTR PILATES/YOGA/AB	856.80		APRIL		N D 001.4420.020.000
00014 DEPOSIT REFUND	285.00				N D 001.341.002
11690 MAR W.O. #1811-1844	12,803.98		03/31/10		N D 007.4345.020.002
11690 MAR W.O. #1811-1844	608.43		03/31/10		N D 007.4345.020.003
11690 MAR W.O. #1811-1844	187.84		03/31/10		N D 007.4345.020.007
11690 MAR W.O. #1811-1844	4,330.47		03/31/10		N D 073.4841.929.003
11690 MAR W.O. #1811-1844	2,784.57		03/31/10		N D 012.4841.929.002
11690 MAR W.O. #1811-1844	3,907.33		03/31/10		N D 007.4345.020.006
11690 MAR W.O. #1811-1844	24,998.30	*CHECK	TOTAL		
11695 PATCH CABLE	38.41		117356		N D 001.4190.030.001
11695 CROSS OVER CABLE	16.46		117536		N D 001.4190.030.001
11695 SERVICE CONTRACT	1,275.00		117626		N D 001.4190.030.002
11695 MOUSE, KEYBOARD, FANS	1,408.89	*CHECK	TOTAL		
10678 STORAGE MARCH 2010	78.28		RS1368890		N D 001.4190.019.000
00002 REFUND CITE#10512	10.00				N D 001.332.001
10588 T.BRUNS MEMBERSHIP RE	155.00				N D 001.4420.016.000
12300 LAWN CHEMICALS	736.49		211478		N D 008.4415.033.000
11950 APR MAINT	881.00		12975		N D 001.4410.023.000
11950 APR MAINT	287.00		12975		N D 001.4411.023.000
11950 APR MAINT	1,541.00		12975		N D 001.4412.023.000
11950 APR MAINT	1,128.00		13046		N D 001.4436.023.000
11950 STEAM CLEAN CARPETS	3,912.00	*CHECK	TOTAL		
10460 REIMB-TRAVEL 3/9-12/1	207.66		CPRS MTG		N D 001.4410.021.000
10155 MARCH FINGERPRINT APPS	32.00		786169		N D 001.4150.020.000

WARRANT DATE VENDOR  
BANK OF AMERICA

Disbursement Journal

F 9 S ACCOUNT

PO#

CLAIM INVOICE

AMOUNT

DESCRIPTION

WARRANT DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
131010	04/30/10	DULCE/ARACELI .00008 DEPOSIT REFUND	50.00				N D 001.341.002
131011	04/30/10	E L LANDSCAPE SERVIC 12145 ARROW HIGHWAY PLANT	2,450.00		04/19/10		M D 008.4415.033.000
131012	04/30/10	EL RANCHO MOBILE HOM 12493 1635 W COVINA #55	3,000.00		1446		M D 037.4802.854.002
131012	04/30/10	EL RANCHO MOBILE HOM 12493 1630 COVINA #27	1,358.00		1452/ROMERO		M D 037.4802.854.002
			4,358.00		*CHECK TOTAL		
131013	04/30/10	EMPIRE MOBILE HOME S 12345 801 W COVINA #20	3,000.00		1872 (SMITH)		M D 037.4802.854.002
131014	04/30/10	EWING IRRIGATION PRO 12340 LIQUID CEMENT	120.68		1609701		N D 001.4414.033.000
131014	04/30/10	EWING IRRIGATION PRO 12340 IRRIG.ITEMS	196.68		1609702		N D 001.4414.033.000
131015	04/30/10	F & H TIRE CO. 10701 TIRES UNIT #5	929.31		IN00067368		N D 001.4342.011.000
131016	04/30/10	FEDERAL EXPRESS CORP 12358 6 SHIPMENTS	153.38		7-050-23806		N D 001.4190.017.000
131017	04/30/10	FENCE CRAFT OF UPLAN 12361 REPLACE FENCE PUENTE	259.70		172088		N D 012.4841.697.006
131018	04/30/10	FRECHETTE/GENEVIEVE 12440 SR BOUTIQUE	9.54		04/02/10		M D 001.4420.013.009
131019	04/30/10	GAS COMPANY//THE 16323 184 917 4757 4	594.09				N D 003.4410.022.002
131019	04/30/10	GAS COMPANY//THE 16323 006 417 5237 3	472.31				N D 001.4411.022.002
131019	04/30/10	GAS COMPANY//THE 16323 111 417 2800 3	63.62				N D 001.4411.022.002
131019	04/30/10	GAS COMPANY//THE 16323 134 517 3300 8	49.47				N D 001.4411.022.002
131019	04/30/10	GAS COMPANY//THE 16323 128 217 3300 8	461.14				N D 001.4412.022.002
131019	04/30/10	GAS COMPANY//THE 16323 151 317 3300 6	75.61				N D 001.4342.022.002
131019	04/30/10	GAS COMPANY//THE 16323 132 417 3300 8	378.28				N D 001.4411.022.002
			2,094.52		*CHECK TOTAL		
131020	04/30/10	GAUTSCHI/KATHERINE L 12031 INSTRCT LIFE GUARD CL	558.00		04/8-11/10		M D 001.4430.020.000
131021	04/30/10	GOLDEN STATE WATER 16324 542584-8	267.35				N D 003.4410.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 82934-4	161.17				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 79968-8	90.74				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 80968-1	27.15				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 581450-4	145.54				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 80972-3	34.06				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 883584-7	443.37				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 335844-6	445.42				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 794479-2	172.42				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 794479-8	77.19				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 849476-8	59.00				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 849476-9	45.37				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 849476-9	179.24				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 815033-6	145.37				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE WATER 16324 423665-9	400.86				N D 001.4415.022.004



WARRANT	DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA								
131021	04/30/10	GOLDEN STATE	WATER	45.37				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	145.15				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	1224.90				N D 008.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	145.15				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	210.13				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	45.37				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	219.16				N D 008.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	90.74				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	614.69				N D 008.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	82.57				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	45.37				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	79.60				N D 001.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	204.68				N D 008.4415.022.004
131021	04/30/10	GOLDEN STATE	WATER	229.46				N D 008.4415.022.004
				10,032.15	*CHECK TOTAL			
131022	04/30/10	GOLDSWORTHY/MARIT	12762-SR BOUTIQUE	74.70		04/02/10		M D 001.4420.013.009
131023	04/30/10	GOMEZ/MARIA D IZUNET	00005 REFUND CITE#5883	30.00				N D 001.332.001
131024	04/30/10	GOODMAN CONSTRUCTION	10993 1205 W CYPRESS #165	3,000.00		(ALLELUIA)		M D 037.4802.854.002
131025	04/30/10	GOVPARTNER	12092 REQUEST PARTNER APRIL	500.00		0004579		N D 001.4190.020.002
131026	04/30/10	GRAINGER	12944 MOTOR SH POLE	84.30		92198881274		N D 001.4412.015.000
131026	04/30/10	GRAINGER	12944 TRAILER JACK	67.30		92198881282		N D 001.4342.011.000
131026	04/30/10	GRAINGER	12944 TISSUE DISPENSER	47.43		9222156177		N D 001.4410.023.000
131026	04/30/10	GRAINGER	12944 SCREW KIT, SPACKLE	89.73		9222156185		N D 001.4410.041.000
				288.76	*CHECK TOTAL			
131027	04/30/10	GREYSTONE SPECIALTIE	11508 HOUSE TAPE MEASURE	450.95		11297		N D 034.4802.033.002
131027	04/30/10	GREYSTONE SPECIALTIE	11508 BALLPOINT PEN W/IMPRI	359.43		11298		N D 040.4112.820.033
131027	04/30/10	GREYSTONE SPECIALTIE	11508 HOUSE MOUSE PADS	877.45		11304		N D 040.4112.850.000
				1,697.83	*CHECK TOTAL			
131028	04/30/10	HAUK/CHRIS J	00006 REFUND CITE#3885	60.00				N D 001.332.001
131029	04/30/10	HI-SHEEN	13144 JANITORIAL SRV 4/30	476.50		3985		M D 001.4342.020.003
131030	04/30/10	HI-WAY SAFETY INC	13148 SIGNS	59.59		101942		N D 001.4345.033.000
131030	04/30/10	HI-WAY SAFETY INC	13148 BANDING MAT'L, SIGNS	994.34		102020		N D 001.4341.033.000
131030	04/30/10	HI-WAY SAFETY INC	13148 EARTH DAY BANNER	559.73		102049		N D 001.4342.033.000
131030	04/30/10	HI-WAY SAFETY INC	13148 SIGNS	79.02		102186		N D 001.4345.033.000
131030	04/30/10	HI-WAY SAFETY INC	13148 WING SEAL	64.20		102371		N D 001.4345.033.000
				1,756.88	*CHECK TOTAL			
131031	04/30/10	HIRSCH PIPE & SUPPLY	10690 LUBRICANT, BOLT & GASK	33.13		1921360		N D 008.4414.033.000
131031	04/30/10	HIRSCH PIPE & SUPPLY	10690 PIPE PARTS	11.56		1921407		N D 008.4414.033.000
				44.69	*CHECK TOTAL			

WARRANT DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA							
131032	04/30/10	HOFFMAN SOUTHWEST CO	720.00		IE193437		N D 012.4841.813.003
131033	04/30/10	INFOTOX INC	238.00		102171 (ACOSTA)		N D 040.4112.820.821
131034	04/30/10	INLAND EMPIRE	747.75		32158		N D 072.4125.434.000
131034	04/30/10	INLAND EMPIRE	693.00		32158		N D 001.4420.034.002
131034	04/30/10	INLAND EMPIRE	980.50		33943		N D 072.4125.434.000
			2,421.25		*CHECK TOTAL		
131035	04/30/10	INLAND VALLEY HUMANE	9,362.50				N D 001.4210.413.000
131035	04/30/10	INLAND VALLEY HUMANE	9,833.33				N D 001.4210.413.001
			10,195.83		*CHECK TOTAL		
131036	04/30/10	IRWINDALE INDUSTRIAL	110.00		PE-104393 3/31		N D 001.4150.433.000
131037	04/30/10	JAG ARCHITECTS INC	625.00		109012		N D 003.4410.020.001
131038	04/30/10	JMG SECURITY SYSTEMS	155.00		993261		N D 001.4342.020.003
131039	04/30/10	JOHNNY ALLEN TENNIS	1,527.96		03/29-04/21/10		M D 001.4420.020.000
131040	04/30/10	JONESCAPE CONSTRUCTI	7,500.00		5333		M D 020.4410.650.009
131041	04/30/10	KENNEDY/CAROLYN	8.55		04/02/10		M D 001.4420.013.009
131042	04/30/10	KLEINFELDER	15,896.10		639577		N D 073.4841.929.002
131043	04/30/10	L.A. COUNTY	1,773.27		10031706098		N D 006.4310.020.002
131044	04/30/10	L.A. COUNTY PROBATIO	16,201.50		091003PIP		N D 001.4210.020.022
131045	04/30/10	L.A. COUNTY SHERIFF	17,964.42		103048NH		N D 001.4210.020.015
131045	04/30/10	L.A. COUNTY SHERIFF	19,749.00		103048NH		N D 001.4210.020.006
131045	04/30/10	L.A. COUNTY SHERIFF	51,907.26		103048NH		N D 001.4210.020.012
131045	04/30/10	L.A. COUNTY SHERIFF	8,616.84		103048NH		N D 001.4210.020.008
131045	04/30/10	L.A. COUNTY SHERIFF	6,599.25		103048NH		N D 001.4210.020.009
131045	04/30/10	L.A. COUNTY SHERIFF	15,490.08		103048NH		N D 001.4210.020.016
131045	04/30/10	L.A. COUNTY SHERIFF	25,368.19		103048NH		N D 001.4210.020.014
131045	04/30/10	L.A. COUNTY SHERIFF	463,909.08		103150AM		N D 001.4210.020.019
					*CHECK TOTAL		
131046	04/30/10	LABELLE-MARVIN INC.	4,620.00		13729		N D 001.4310.020.006
131047	04/30/10	LANDSCAPE FORMS INC	7,449.84		30135		N D 072.4125.455.000
131048	04/30/10	LEIGHTON CONSULTING	717.50		LCI0017524		N D 073.4841.929.002
131048	04/30/10	LEIGHTON CONSULTING	3,634.00		LCI0017597		N D 073.4841.929.003
			4,351.50		*CHECK TOTAL		

WARRANT DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA							
131049	04/30/10	LEPE/MAURO	65.00		04/04/10		M D 030.4801.501.506
131050	04/30/10	LINDSEY/PAMELA	38.00				N D 001.367.001
131051	04/30/10	LOCAL GOVERNMENT COM	600.00		1770-M		N D 001.4190.016.000
131052	04/30/10	HOME IMPROVEM	25.30		01817		N D 001.4414.033.000
131052	04/30/10	HOME IMPROVEM	11.45		01919		N D 012.4841.603.000
131052	04/30/10	HOME IMPROVEM	3.71		02305		N D 001.4410.033.000
131052	04/30/10	HOME IMPROVEM	145.74		02305		N D 001.4411.033.000
131052	04/30/10	HOME IMPROVEM	130.57		02401		N D 001.4341.033.000
			316.77	*CHECK	TOTAL		
131053	04/30/10	MARSAN TURF & IRRIGA	148.58		343406		N D 001.4414.033.000
131053	04/30/10	MARSAN TURF & IRRIGA	14540		343419		N D 001.4414.033.000
131053	04/30/10	MARSAN TURF & IRRIGA	416.85		343444		N D 001.4414.033.000
131053	04/30/10	MARSAN TURF & IRRIGA	47.18		343461		N D 001.4414.033.000
131053	04/30/10	MARSAN TURF & IRRIGA	377.19		343485		N D 001.4414.033.000
131053	04/30/10	MARSAN TURF & IRRIGA	75.02		343530		N D 008.4415.033.000
			1,213.02	*CHECK	TOTAL		
131054	04/30/10	MATHISEN OIL COMPANY	1,454.82		4095765		N D 001.4342.011.001
131054	04/30/10	MATHISEN OIL COMPANY	3,093.76		4095766		N D 001.4342.011.001
			4,548.58	*CHECK	TOTAL		
131055	04/30/10	MC CLAY/HELEN	7.92		04/02/10		M D 001.4420.013.009
131056	04/30/10	MC DONALD/TERESA	6.30		04/02/10		M D 001.4420.013.009
131057	04/30/10	MC GLONE/MARILOU	31.50		04/02/10		M D 001.4420.013.009
131058	04/30/10	MC LAY SERVICES INC	883.00		INV3115		N D 003.4410.015.000
131058	04/30/10	MC LAY SERVICES INC	750.00		3145		N D 001.4411.015.000
			1,633.00	*CHECK	TOTAL		
131059	04/30/10	MCCASH/FRANCES	38.00				N D 001.367.001
131060	04/30/10	METROPOLITAN HEATING	3,780.00		159-010/SIGLER		N D 040.4112.852.003
131061	04/30/10	METROPOLITAN TRANSPO	3,621.75		1144		M D 073.4841.041.001
131062	04/30/10	MOBILE HOME IMPROVEM	2,025.00		31610 (REISING		M D 037.4802.854.002
131063	04/30/10	MORA'S EQUIPMENT & C	680.82		100		N D 006.4841.604.000
131064	04/30/10	MORGAN-GALLACHER INC	48.99		36218		N D 001.4410.031.000
131065	04/30/10	MORRELL/GENE C	297.16		04/01-22/10		M D 001.4420.020.000
131066	04/30/10	MORTENSEN/RANDAL	30.00				N D 001.332.001

WARRANT DATE VENDOR

BANK OF AMERICA

Disbursement Journal

DESCRIPTION AMOUNT

131067	04/30/10	MULLEN/SUSAN	.00007	745 N NORTHCAPE REFUND	40.00
131068	04/30/10	NAPOLI/BOB	12454	INSTR FLAG FOOTBALL	4,067.50
131069	04/30/10	NATIONAL NOTARY ASSO	10897	4 YR MEMBERSHIP-INA R	163.00
131070	04/30/10	NATURE-WATCH	12016	LEAF RUBBING PLATES, K	55.92
131071	04/30/10	NAVARRO/EDUWIGES	.00011	DEPOSIT REFUND	500.00
131072	04/30/10	NESSI CONSTRUCTION	13815	VARNISH DOOR MARTIN H	220.00
131073	04/30/10	NEXTEL COMMUNICATION	14755	#655087319 3/4-4/3/	1,061.91
131074	04/30/10	NRG DANCE AND CHEER	12264	5/8 COMPETITION FEE	1,160.00
131075	04/30/10	ONSITE, INC	11593	ELECTRICAL WIRING/D	3,775.00
131076	04/30/10	ONTARIO REFRIGERATIO	14880	APRIL MAINT	896.00
131077	04/30/10	PARAMO/DANIELLE	.00015	DEPOSIT REFUND	500.00
131078	04/30/10	PAVECO CONSTRUCTION	11815	GRIND & CAP SAN DIM	5,998.46
131078	04/30/10	PAVECO CONSTRUCTION	11815	GRIND & CAP VIA CAN	2,882.10
131078	04/30/10	PAVECO CONSTRUCTION	11815	GRADE & COMPACT @ B	2,271.44
131078	04/30/10	PAVECO CONSTRUCTION	11815	REPLACE ASPHALT SLOT	332.63
131078	04/30/10	PAVECO CONSTRUCTION	11815	PAVEMENT REPAIRS CALL	921.20
131078	04/30/10	PAVECO CONSTRUCTION	11815	PAVEMENT REPAIRS BR	3,974.25
131078	04/30/10	PAVECO CONSTRUCTION	11815	GRIND & CAP 545 W	3,223.75
131079	04/30/10	PIPE MASTERS PLUMBIN	12528	212 N RENNELL AV	2,750.00
131080	04/30/10	POMONA VALLEY TRANSP	15387	4TH QTR GET ABOUT	35,952.00
131080	04/30/10	POMONA VALLEY TRANSP	15387	4TH QTR DIAL-A-CAB	4,000.00
131080	04/30/10	POMONA VALLEY TRANSP	15387	4TH QTR CAPITAL	41,225.00
131081	04/30/10	POOL & ELECTRICAL PR	11151	MURIATIC ACID	320.22
131082	04/30/10	PRECISION CONCRETE C	12022	REMOVE TRIP HAZARDS	1,916.02
131083	04/30/10	PROJECT SISTER	10117	JAN-MAR CRISIS INTREV	600.00
131084	04/30/10	PRUDENTIAL OVERALL S	15632	MATS	56.32
131084	04/30/10	PRUDENTIAL OVERALL S	15632	MATS	56.32
131084	04/30/10	PRUDENTIAL OVERALL S	15632	MATS	56.32
131084	04/30/10	PRUDENTIAL OVERALL S	15632	MATS	56.32

\*CHECK TOTAL

(YBARRA)

\*CHECK TOTAL

07153510

176

\*CHECK TOTAL

20091329

20095498

20099259

20103302

20107204

\*CHECK TOTAL

281.60

F 9 S ACCOUNT

PO#

CLAIM INVOICE

N D	001.322.002			
M D	001.4420.020.000	3/1-4/16/10		
N D	001.4120.021.000			
N D	001.4414.033.000	31611A		
N D	001.341.002			
M D	020.4410.043.006	MH3		
N D	001.4190.022.003	656087319-100		
N D	110.213.148	SONORA		
N D	003.4410.023.001	1009		
N D	001.4412.015.000	112097		
N D	001.341.002			
N D	002.4841.559.005	SD 10-010		
N D	002.4841.559.005	SSD 10-011		
N D	002.4841.559.005	SSD 10-012		
N D	002.4841.559.005	SSD 10-013		
N D	002.4841.559.005	SSD 10-014		
N D	002.4841.559.005	SSD 10-015		
N D	002.4841.559.005	SD 10-016		
M D	037.4802.854.002	(YBARRA)		
N D	072.4125.433.000			
N D	072.4125.445.000			
N D	072.4125.641.001			
N D	001.4430.019.000			
N D	001.4430.019.000			
N D	001.4430.019.000			
N D	001.4430.019.000			

WARRANT DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA							
131085	04/30/10	QUALITY CODE PUBLISH	1,327.51		2010-129		M D 001.4120.016.000
131086	04/30/10	QUALITY INSTANT PRIN	135.65		18937		N D 012.4841.658.010
131086	04/30/10	QUALITY INSTANT PRIN	206.59		18966		N D 001.4342.011.000
131086	04/30/10	QUALITY INSTANT PRIN	82.31		18994		N D 001.4190.018.000
131086	04/30/10	QUALITY INSTANT PRIN	76.83		19178		N D 001.4190.018.000
			501.38		*CHECK TOTAL		
131087	04/30/10	QUILL CORPORATION	98.76		4821083		N D 001.4190.030.001
131087	04/30/10	QUILL CORPORATION	187.44		4856336		N D 001.4190.030.000
					*CHECK TOTAL		
131088	04/30/10	RADIANT WATER INC	25.00				N D 001.4430.019.000
131089	04/30/10	REIMER/KATYA	441.00				M D 001.4420.020.000
131090	04/30/10	REISING/KEN	9.00		04/02/10		M D 001.4420.013.009
131091	04/30/10	RESERVE ACCOUNT	1,500.00				N D 001.4190.017.000
131092	04/30/10	RKA CONSULTING GROUP	147.00		17679		N D 001.4308.020.002
131092	04/30/10	RKA CONSULTING GROUP	393.00		17679		N D 001.4341.024.002
131092	04/30/10	RKA CONSULTING GROUP	262.00		17679		N D 001.4341.024.002
131092	04/30/10	RKA CONSULTING GROUP	220.50		17680		N D 001.4311.020.001
131092	04/30/10	RKA CONSULTING GROUP	719.11		17681		N D 001.4310.020.004
			2,741.61		*CHECK TOTAL		
131093	04/30/10	ROBERTS COMPANY/O.A.	180.00		6826		M D 001.4410.023.922
131093	04/30/10	ROBERTS COMPANY/O.A.	180.00		6848		M D 001.4410.023.922
			360.00		*CHECK TOTAL		
131094	04/30/10	SAN DIMAS CHAMBER OF	4,166.67				N D 001.4190.010.003
131095	04/30/10	SAN DIMAS COMMUNITY	312.00		14154		M D 001.4341.024.010
131096	04/30/10	SAN DIMAS HARDWARE	5.85		32501130266		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	1.64		32501130275		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	1.86		32501130296		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	1.86		32501130304		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	2.57		32501130307		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	5.41		32501130318		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	3.28		32501130388		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	30.15		32501130397		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	8.15		32501130427		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	5.67		32501130435		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	19.79		32501130444		N D 001.4341.033.000
131096	04/30/10	SAN DIMAS HARDWARE	23.19				N D 001.4341.033.000



WARRANT	DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM	INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA								
1311096	04/30/10	SAN DIMAS	TOILET BRUSH SET	24.49		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	SINGLE CUT KEY	18.76		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	SECRETARY RIVING BITSET	19.12		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	TOOL BOX CEMENT	11.50		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	JOINT CEMENT	11.21		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	STAPLES CUT KEY	16.21		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	SINGLE CUT KEY	4.69		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	ANCHOR PLGAS	182.24		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	BULB-HGN RULE TPAAE	157.28		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	TOY SYSTEM PELLETS	21.41		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	MISC HARDWARE ITEMS	23.99		352113		N D 001.4411.031.000
1311096	04/30/10	SAN DIMAS	BLADE HACK	2,180.37	*CHECK	352113		N D 001.4411.031.000
131097	04/30/10	SAN GABRIEL VALLEY Y	INTERVALE 04/10	520.00				N D 001.4420.013.003
131098	04/30/10	SANTO/MARION	SR BOUTIQUE	29.92		04/02/10		M D 001.4420.013.009
131099	04/30/10	SIECKE/WARREN C	TRAFFIC ENG SERV MA	2,094.25		5987		M D 001.4345.020.001
131099	04/30/10	SIECKE/WARREN C	SPEED FEEDBACK TRAF	2,321.75	*CHECK	5988		M D 012.4841.616.006
131100	04/30/10	SKAGGS/MARY	REFUND PALM SPRINGS	64.00				N D 001.367.002
131101	04/30/10	SMART & FINAL	MO DINNER SUPPLIES	340.14		153970		N D 001.4420.013.003
131101	04/30/10	SMART & FINAL	REFRESHMENTS BECHANGA	140.91		160150		N D 001.4420.013.003
131101	04/30/10	SMART & FINAL	CW SOCIAL APRIL DINN	175.73		163620		N D 001.4420.013.003
131101	04/30/10	SMART & FINAL	REFRESHMENTS	673.28	*CHECK	166379		N D 001.4420.034.002
131102	04/30/10	SMITHSON ELECTRIC IN	CIRCLE TRAFFIC LOOP 1,	350.00		53048		N D 007.4345.020.002
131103	04/30/10	SOUTHERN CALIF	85-0997	20.43		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	30-875-21014	447.03		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-838-67640	377.66		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-735-44269	367.57		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-152-45269	197.22		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-003-94884	68.88		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-009-37914	144.47		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-010-93685	43.14		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-009-83174	129.41		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-009-50399	330.31		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-008-60068	303.11		001.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-008-37115	828.00	*CHECK	008.4415.022.001		N D 001.4415.022.001
131103	04/30/10	SOUTHERN CALIF	33-008-80768	45,528.00	*CHECK	008.4415.022.001		N D 001.4415.022.001

WARRANT DATE	VENDOR	DESCRIPTION	AMOUNT	CLAIM INVOICE	PO#	F 9 S ACCOUNT
BANK OF AMERICA						
131104	04/30/10	SPARKLETT'S	157.05			N D 001.4190.033.000
131105	04/30/10	STATE CONTROLLER'S O	1,592.20	9822		N D 002.4841.020.000
131106	04/30/10	SWRCB	346.00	SW-0019963		N D 012.4841.929.002
131107	04/30/10	TECS ENVIRONMENTAL C	300.00	SNDNS-0410		N D 001.4341.024.020
131108	04/30/10	TODD/BEVERLY OR CONS	5.00			N D 001.332.001
131109	04/30/10	TOLLY INC	1,200.00	5088		N D 003.4410.023.000
131110	04/30/10	TOMARK SPORTS INC	557.16	93493303		N D 001.4414.033.000
131111	04/30/10	TOYOTA MOTOR CREDIT	1,317.00			N D 071.4190.041.006
131112	04/30/10	TUCKER & SON INC/ J	81.60	00069204		N D 001.4410.033.000
131113	04/30/10	U.S. BANK TRUST N.A.	160,000.00	95454220	05/13	N D 001.4190.049.004
131113	04/30/10	U.S. BANK TRUST N.A.	11,622.50	95454220	05/13	N D 001.4190.049.004
			171,622.50	*CHECK TOTAL		
131114	04/30/10	VALLEY MANUFACTURING	5,094.07	90115062		N D 001.4190.460.041
131115	04/30/10	VERIZON CALIFORNIA	74.95			N D 008.4414.022.003
131115	04/30/10	VERIZON CALIFORNIA	39.57			N D 008.4414.022.003
131115	04/30/10	VERIZON CALIFORNIA	79.11			N D 003.4410.022.003
			193.63	*CHECK TOTAL		
131116	04/30/10	VERIZON COMMUNICATIO	42.99			N D 071.4190.020.002
131117	04/30/10	VOGEL/ANNE	5.40	04/02/10		M D 001.4420.013.009
131118	04/30/10	VOLZ DESIGN/DAVID	1,050.00	420414		N D 073.4841.929.002
131119	04/30/10	WALCZAK/BEVERLY	651.70			M D 001.4420.020.000
131120	04/30/10	WALCZAK/JEROME	651.70			M D 001.4420.020.000
131121	04/30/10	WALTERSCHEID ELECT.	155.85	6342-10		N D 001.4414.033.000
131122	04/30/10	WARD/LATOYIA	30.00			N D 001.4420.034.010
131123	04/30/10	WATERLINE TECHNOLOGI	234.07	5139383		N D 001.4430.033.000
131124	04/30/10	10-8 RETROFIT	219.50	5898		M D 001.4342.011.000
BANK OF AMERICA			TOTAL			
			1,041,143.54			

ACS FINANCIAL SYSTEM  
04/22/2010 07:56:51

WARRANT DATE VENDOR

REPORT TOTALS:

Disbursement Journal

DESCRIPTION

AMOUNT

1,041,143.54

CLAIM INVOICE

PO#

F 9 S ACCOUNT

GL540R-V07.00 PAGE 14  
CITY OF SAN DIMAS

RECORDS PRINTED - 000455

Disbursement Journal

FUND RECAP:

FUND	DESCRIPTION
001	GENERAL FUND
002	STATE GAS TAX
003	WALKER HOUSE LION LLC FUND
006	SEWER EXPANSION
007	CITY WIDE LIGHTING DISTRICT
008	LANDSCAPE PARCEL REPLACEMENT TAX
020	INFRASTRUCTURE PARK DEVELOPMENT
027	COMMUNITY PARK DEVELOPMENT
030	CIVIC CENTER PARKING DIST
034	COMM REDEVELOPMENT AGENCY
037	HOUSING SET ASIDE
040	RANCHO SD HOUSING SET ASIDE
053	COMMUNITY DEV BLOCK GRANT
071	GOLF COURSE MAINT & OPERATIO
072	AIR QUALITY MANAGEMENT DIST
073	PROP A LOCAL TRANSPORTATION
110	PROP C LOCAL TRANSPORTATION
110	TRUST AND AGENCY
TOTAL	ALL FUNDS

DISBURSEMENTS

758,589.83
79,040.01
8,061.60
22,454.09
62,440.11
7,821.11
13,846.22
17,720.00
17,340.33
655.00
783.95
15,133.00
15,254.88
1,287.26
1,359.99
50,794.66
25,615.68
1,535.68
1,041,143.54

BANK RECAP:

BANK	NAME
CHEK	BANK OF AMERICA
TOTAL	ALL BANKS

DISBURSEMENTS

1,041,143.54
1,041,143.54



# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager

**Initiated By:** Theresa Bruns, Director of Parks and Recreation *TB*

**Subject:** Resolution No. 2010-17 Boulevard Open Space Maintenance District

## Summary

Adoption of Resolution No. 2010-17 approves the Engineer's Report, declares the City Council's intent to levy and collect an increased assessment for fiscal year 2010-11, and fixes a time and place for a public hearing for Open Space Maintenance District No. 1, tract 32818, Boulevard.

## BACKGROUND

The Boulevard Open Space Maintenance District was formed under the provisions of the Landscape and Lighting Act of 1972, Division 15, Part 2, of the Streets and Highways Code of the State of California. The Act further establishes procedures for the annual levy of assessments which includes the approval of an Engineer's Report and establishing a time and place for a public hearing.

In 2006 the property owners in the Boulevard Open Space Maintenance District approved by ballot measure an annual Consumer Price Index adjustment for future years not to exceed 7% as necessary to cover the costs of maintenance, including increases in the costs of materials, labor and utilities.

On February 23, 2010 the City Council adopted Resolution No. 10-06 ordering the preparation of the Engineer's Report for the annual levy of assessment for Open Space Maintenance District No. 1 (Tract No. 32818, Boulevard) for fiscal year 2010-2011.

The Engineer's Report has been prepared with the scope of work to include general landscape maintenance, water, and electricity. An Assessment increase of 1.9%, reflective of changes in the Consumer Price Index, is proposed to close the budget gap for this District. The 2009-10 assessment rate was \$515.95 per parcel and the rate proposed for 2010-11 is \$525.75 per parcel, an increase of \$9.80 or 1.9%.

## RECOMMENDATION

Staff recommends that the City Council adopt Resolution No. 2010-17, thus approving the Engineer's Report and declaring intent to levy and collect an increased assessment for fiscal year 2010-11, and establishes a Public Hearing for June 8, 2010, for Open Space Maintenance District No. 1, tract 32818, Boulevard.

## Attachments:

- Resolution No. 2010-17
- Engineer's Report for Fiscal Year 2010-2011 for Open Space Maintenance District No.1, tract 32818, Boulevard

*50(2)*

RESOLUTION NO. 2010-17

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, APPROVING THE ENGINEER'S REPORT AND DECLARING ITS INTENTION TO LEVY AND COLLECT AN ASSESSMENT FOR FISCAL YEAR 2010-11 PURSUANT TO THE LANDSCAPE AND LIGHTING ACT OF 1972 AND ARTICLE XIID OF THE CALIFORNIA CONSTITUTION, AND FIXING A TIME AND PLACE FOR A PUBLIC HEARING FOR HEARING OBJECTIONS FOR OPEN SPACE MAINTENANCE DISTRICT NO. 1 (TRACT 32818, BOULEVARD)

WHEREAS, The San Dimas City Council formed Open Space Maintenance District No. 1, under Resolution No. 77-57 pursuant to the terms and provisions of the "Landscaping and Lighting Act of 1972," being Division 15, Part 2, of the Streets and Highways Code of the State of California; and

WHEREAS, the San Dimas City Council proposes the continued maintenance of landscaping improvements within said district for Fiscal Year 2010-2011; and

WHEREAS, the City Council of the City of San Dimas finds that the levy of an assessment at the same amount as last year is exempt from the procedure and approval process of Section 4 of Article XIID of the California Constitution pursuant to Section 5(b) of Article XIID, and

WHEREAS, the amount of the assessment may be less than the amount to pay for the cost of maintaining the landscaping in the District in future years, and therefore could be adjusted following an advertised public hearing to reflect changes in the Consumer Price Index not to exceed 7% as approved by the district ballot election on June 27, 2006.

WHEREAS, an Engineer's Report, as required by law, has been presented to and approved by the City Council of the City of San Dimas which provides for an increase in the levied assessment for the District by the Consumer Price Index rate of 1.9% for the fiscal year 2009-2010,

NOW, THEREFORE, the City Council of the City of San Dimas, County of Los Angeles, State of California, does resolve as follows:

1. The City Council proposes to levy and collect an assessment to maintain improvements within Open Space Maintenance District No.1, (Tract No. 32818) for Fiscal Year 2010-11
2. The scope of the maintenance work includes the maintenance and restoration of landscaping improvements, including irrigation, pruning, pest control, fertilization, weed control, drainage system, major tree trimming, and miscellaneous related work within said district.

3. The Engineer's Report calls for a total of \$9,989.25 to be collected for Fiscal Year 2010-2011 resulting in a yearly assessment per parcel of \$525.75, which is a yearly assessment increase of \$9.80 per parcel, or 1.9%.

4. Future year cost of maintenance of the improvements, including increases in cost of materials, labor and utilities, will cause the amount of the annual assessment to be increased by an amount that will not exceed changes in the Consumer Price Index.

5. The City Council, by this resolution, hereby approves the Engineer's Report which indicates the amount of the proposed assessments, the district boundary, assessment zones, and detailed description of improvements. A copy of said report is on file in the office of the City Clerk.

6. That the 8<sup>th</sup> of June, 2010, at the hour of 7:00 p.m., in the San Dimas City Council Chambers, 201 East Bonita Avenue, San Dimas, California, is hereby set as the Public Hearing where any and all persons having any objection to the levy of the proposed assessment may appear and show cause why said work should not be done or carried out in accordance with this resolution of intention. The City Council will consider all oral and written protests.

APPROVED AND ADOPTED this 27<sup>th</sup> day of April, 2010.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

I HEREBY CERTIFY that the foregoing Resolution No. 2010-17 was adopted by vote of the City Council of the City of San Dimas at its regular meeting of April 27, 2010 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

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CITY CLERK

CITY OF SAN DIMAS  
OPEN SPACE MAINTENANCE DISTRICT NO. 1  
(TRACT 32818, BOULEVARD DEVELOPMENT)

**ENGINEER'S REPORT  
FISCAL YEAR 2010-2011**

SECTION 1. AUTHORITY FOR REPORT

This report is prepared pursuant to the order of the City Council of the City of San Dimas, and in compliance with the requirements of Article 4, Chapter 1, Landscaping and Lighting Act of 1972, and Article XIII D of the California Constitution.

SECTION 2. THE IMPROVEMENTS

The improvements consist of an irrigation system and landscaping within Lot 20 of Tract No. 32818, which was required to be installed by the developer and accepted for maintenance by the City. The plans and specifications for the landscaping are in conformance with the requirements of the conditions of approval of said Tract No. 32818, and City Standards. Reference is hereby made to the said plans and specifications for the exact location and nature of the landscape improvements. Said plans and specifications by reference are hereby made a part of this report, and are on file in the office of the City Engineer.

SECTION 3. DIAGRAM FOR THE ASSESSMENT DISTRICT

A copy of the assessment diagram is on file in the office of the City Engineer.

SECTION 4. ESTIMATE OF COSTS OF THE IMPROVEMENTS

The cost of the initial landscaping of Lot 20 of Tract 32818 was borne by the subdivider; therefore, all assessments relate to maintenance only.

Utilities - Water	\$	3,800	
Irrigation Repair	\$	-	
Total of Direct Maintenance Costs	\$	11,550	
CURRENT ASSESSMENT:	\$	9,803	(\$515.95/parcel)
2010-11 ANNUAL ASSESSMENT:	\$	9,989	(\$525.75/parcel)
CITY OF SAN DIMAS	\$	1,561	

The City will fund the unrealized balance based upon the approval of an annual adjustment to reflect changes in the Consumer Price Index to recuperate this balance over time, and to begin to develop a fund balance for future extraordinary expenses.

SECTION 5. ASSESSMENT

The following information regarding assessments to individual lots for the 2010-2011 Fiscal Year is contained herein and is to be levied on July 1, 2010. The net amount estimated to be assessed upon the assessable lands within the district is \$9,989 which is apportioned to all assessable lots shown on the attached Assessment Roll.

The landscape district was developed for the benefit and enjoyment of all properties included within the assessment district boundaries, and all parcels benefit equally from the improvements.

Respectfully submitted,



\_\_\_\_\_  
KRISHNA PATEL  
DIRECTOR OF PUBLIC WORKS

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\_\_\_\_\_  
\_\_\_\_\_  
P.E.

**CITY OF SAN DIMAS ASSESSMENT ROLL FOR**

**OPEN SPACE MAINTENANCE DISTRICT NO. 1**

**Boulevard**

ADDRESS	TRACT 32818, LOT NO.	ASSESSOR'S REFERENCE	2009-2010 ASSESSMENT	2010-2011 ASSESSMENT INCREASE	TOTAL 2010-2011 ASSESSMENT
1204 Via Verde	4	8448-021-027	515.95	9.80	525.75
1228 Via Verde	7	8448-021-032	515.95	9.80	525.75
1236 Via Verde	8	8448-021-033	515.95	9.80	525.75
1244 Via Verde	9	8448-021-034	515.95	9.80	525.75
1252 Via Verde	10	8448-021-035	515.95	9.80	525.75
1260 Via Verde	11	8448-021-036	515.95	9.80	525.75
1306 Via Verde	12	8448-021-037	515.95	9.80	525.75
1318 Via Verde	13	8448-021-038	515.95	9.80	525.75
1322 Via Verde	14	8448-021-039	515.95	9.80	525.75
1330 Via Verde	15	8448-021-040	515.95	9.80	525.75
1338 Via Verde	16	8448-021-041	515.95	9.80	525.75
1346 Via Verde	17	8448-021-042	515.95	9.80	525.75
1354 Via Verde	18	8448-021-043	515.95	9.80	525.75
1362 Via Verde	19	8448-021-044	515.95	9.80	525.75
1219 Paseo Dorado	1	8448-021-046	515.95	9.80	525.75
1203 Paseo Dorado	3	8448-021-047	515.95	9.80	525.75
1220 Via Verde	6	8448-021-048	515.95	9.80	525.75
1211 Paseo Dorado	2	8448-021-049	515.95	9.80	525.75
1212 Via Verde	5	8448-021-050	515.95	9.80	525.75
			9803.05	186.20	9989.25





# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager

**Initiated By:** Theresa Bruns, Director of Parks and Recreation *TB*

**Subject:** Resolution No. 2010-18 Northwoods Open Space Maintenance District

## Summary

Adoption of Resolution No. 2010-18 approves the Engineer's Report, declares the City Council's intent to levy and collect an assessment for fiscal year 2010-11 at the same rate as last year, and fixes a time and place for a public hearing for Open Space Maintenance District No. 1, Annexation No. 3, tract 32841, Northwoods.

## BACKGROUND

The Northwoods Open Space Maintenance District was formed under the provisions of the Landscape and Lighting Act of 1972, Division 15, Part 2, of the Streets and Highways Code of the State of California. The Act further establishes procedures for the annual levy of assessments which includes the approval of an Engineer's Report and establishing a time and place for a public hearing.

On February 23, 2010 the City Council adopted Resolution No. 10-07 ordering the preparation of the Engineer's Report for the annual levy of assessment for Open Space Maintenance District No. 1, Annexation No. 3 (Tract No. 32841, Northwoods) for fiscal year 2010-2011.

The Engineer's Report has been prepared with the scope of work to include general landscape maintenance, water, and electricity. No increase is proposed in the Assessment rate. The 2009-10 assessment rate was \$898.42 per parcel and the rate proposed for 2010-11 will remain at \$898.42 per parcel.

## RECOMMENDATION

Staff recommends that the City Council adopt Resolution No. 2010-18, thus approving the Engineer's Report and declaring intent to levy and collect an assessment for fiscal year 2010-11, and establishes a Public Hearing for June 8, 2010, for Open Space Maintenance District No. 1, Annexation No. 3, tract 32841, Northwoods.

## Attachments:

- Resolution No. 2010-18
- Engineer's Report for Fiscal Year 2010-2011 for Open Space Maintenance District No.1, Annexation No. 3, tract 32841, Northwoods

RESOLUTION NO. 2010-18

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, APPROVING THE ENGINEER'S REPORT AND DECLARING ITS INTENTION TO LEVY AND COLLECT AN ASSESSMENT FOR FISCAL YEAR 2010-11 PURSUANT TO THE LANDSCAPE AND LIGHTING ACT OF 1972 AND ARTICLE XIID OF THE CALIFORNIA CONSTITUTION, AND FIXING A TIME AND PLACE FOR A PUBLIC HEARING FOR HEARING OBJECTIONS FOR OPEN SPACE MAINTENANCE DISTRICT NO. 1 ANNEXATION NO. 3 (TRACT 32841, NORTHWOODS)

WHEREAS, The San Dimas City Council formed Open Space Maintenance District No. 1, Annexation No. 3 under Resolution No. 78-38 pursuant to the terms and provisions of the "Landscaping and Lighting Act of 1972," being Division 15, Part 2, of the Streets and Highways Code of the State of California; and

WHEREAS, the San Dimas City Council proposes the continued maintenance of landscaping improvements within said district for Fiscal Year 2010-2011; and

WHEREAS, the City Council of the City of San Dimas finds that the levy of an assessment at the same amount as last year is exempt from the procedure and approval process of Section 4 of Article XIID of the California Constitution pursuant to Section 5(b) of Article XIID, but any proposed increase in the assessment to be levied for the district is subject to the procedures and approval process of Section 4 of Article XIID of the California Constitution; and

WHEREAS, an Engineer's Report, as required by law, has been presented to and approved by the City Council of the City of San Dimas which provides for the levied assessment at the same rate as last year for the District; and

NOW, THEREFORE, the City Council of the City of San Dimas, County of Los Angeles, State of California, does resolve as follows:

1. The City Council proposes to levy and collect an assessment to maintain improvements within Open Space Maintenance District No.1, Annexation No. 3 (Tract No. 32841) for Fiscal Year 2010-11.
2. The scope of the maintenance work includes all labor, material, and equipment to spray and weed-whip weeds, shrub shearing and tree skirting, culvert clearing, irrigation inspection and trash pick-up three times in the year within said district.
3. The Engineer's Report calls for a total of \$34,139.96 to be collected for Fiscal Year 2010-2011 resulting in a yearly assessment per parcel of \$898.42, which is the same assessment rate as adopted for Fiscal Year 2009-2010.

4. The City Council, by this resolution, hereby approves the Engineer's Report which indicates the amount of the proposed assessments, the district boundary, assessment zones, and detailed description of improvements. A copy of said report is on file in the office of the City Clerk.

5. That the 8<sup>th</sup> of June, 2010, at the hour of 7:00 p.m., in the San Dimas City Council Chambers, 201 East Bonita Avenue, San Dimas, California, is hereby set as the Public Hearing where any and all persons having any objection to the levy of the proposed assessment may appear and show cause why said work should not be done or carried out in accordance with this resolution of intention. The City Council will consider all oral and written protests.

APPROVED AND ADOPTED this 27<sup>th</sup> day of April, 2010.

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MAYOR

ATTEST:

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CITY CLERK

I HEREBY CERTIFY that the foregoing Resolution No. 2010-18 was adopted by vote of the City Council of the City of San Dimas at its regular meeting of April 27, 2010 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

---

CITY CLERK

CITY OF SAN DIMAS  
OPEN SPACE MAINTENANCE DISTRICT NO.1, ANNEXATION NO. 3  
(TRACT 32841, NORTHWOODS DEVELOPMENT)

**ENGINEER'S REPORT  
FISCAL YEAR 2010-2011**

SECTION 1 AUTHORITY FOR REPORT

This report is prepared pursuant to the order of the City Council of the City of San Dimas, and in compliance with the requirements of Article 4, Chapter 1, Landscaping and Lighting Act of 1972, and Article XIII D of the California Constitution.

SECTION 2 THE IMPROVEMENTS

The improvements consist of an irrigation system and landscaping of easements within Tract No. 32841, which was required to be installed by the developer and accepted for maintenance by the City. The plans and specifications for the landscaping are in conformance with the requirements of the conditions of approval of said Tract No. 32841, and City Standards. Reference is hereby made to the said plans and specifications for the exact location and nature of the landscape improvements. Said plans and specifications by reference are hereby made a part of this report, and are on file in the office of the City Engineer.

SECTION 3 DIAGRAM FOR THE ASSESSMENT DISTRICT

A copy of the assessment diagram is on file in the office of the City Engineer.

SECTION 4 ESTIMATE OF COSTS OF THE IMPROVEMENTS

The cost of the initial landscaping of Tract 32841 was borne by the subdivider; therefore, all assessments relate to maintenance only.

Direct Maintenance Costs:

General Maintenance (by Contract)	\$15,400
Utilities – Electrical	\$ 730
Utilities – Water	\$13,600
New Planting	\$ 410
Irrigation Repairs or Upgrades	\$ 4,000

Total of Direct Maintenance Costs: \$34,140

CURRENT ASSESSMENT:	\$34,140 (\$898.42/parcel)
2010-11 ANNUAL ASSESSMENT:	\$34,140 (\$898.42/parcel)

SECTION 5 ASSESSMENT

The following information regarding assessments to individual lots for the 2010-2011 Fiscal Year is contained herein and is to be levied on July 1, 2010. The net amount estimated to be assessed upon the assessable lands within the district is \$34,140, which is apportioned to all assessable lots shown on the attached Assessment Roll.

The landscape district was developed for the benefit and enjoyment of all properties included within the assessment district boundaries, and all parcels benefit equally from the improvements.

Respectfully submitted,

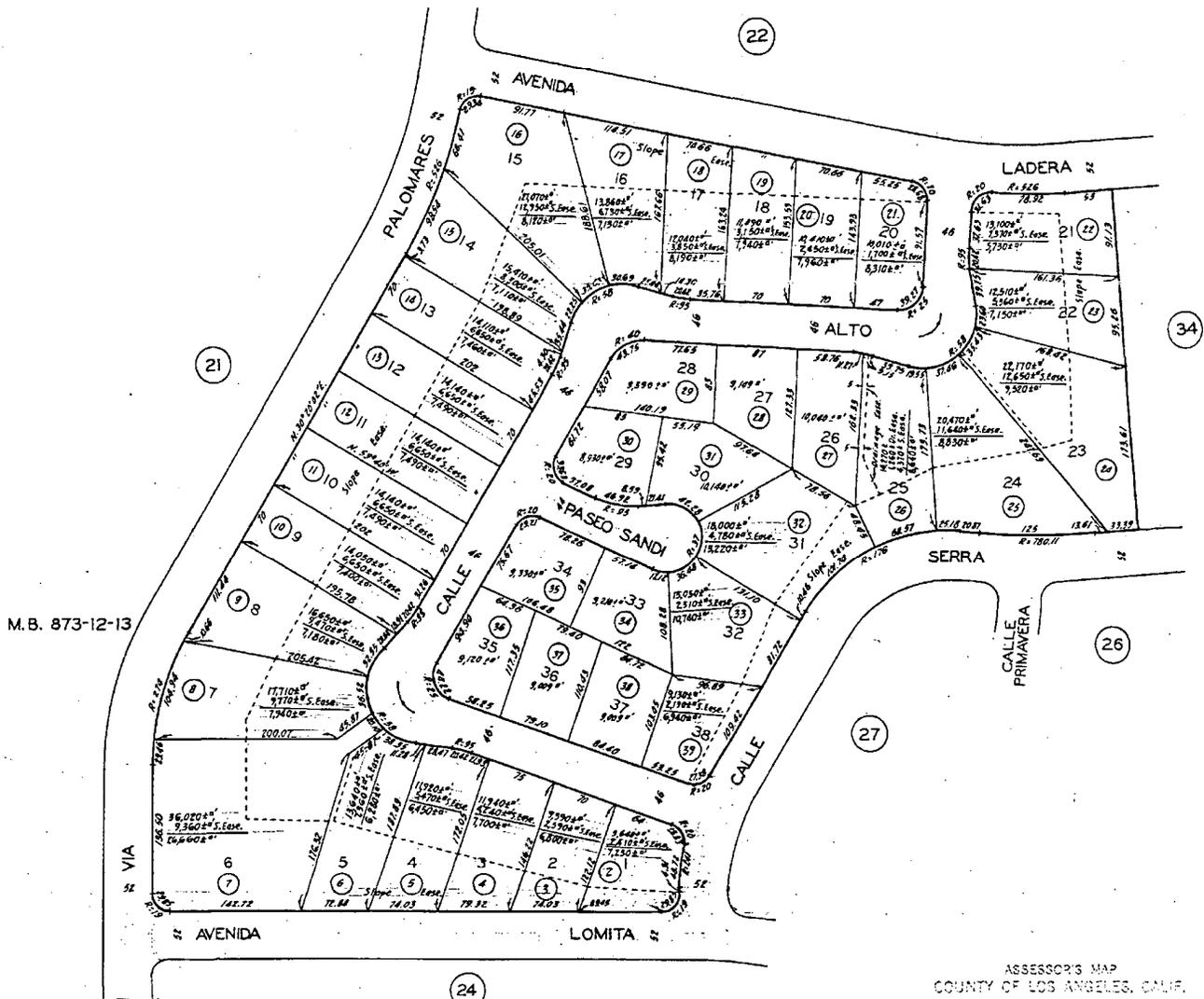


\_\_\_\_\_  
KRISHNA PATEL  
DIRECTOR OF PUBLIC WORKS

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\_\_\_\_\_  
\_\_\_\_\_  
P.E.

CITY OF SAN DIMAS ASSESSMENT ROLL FOR			
OPEN SPACE MAINTENANCE DISTRICT NO. 1, ANNEXATION No. 3			
Northwoods			
ADDRESS	TRACT 32841, LOT NO.	ASSESSOR'S REFERENCE	2010-2011 ASSESSMENT
1793 Calle Alto	1	8395-023-002	898.42
1789 Calle Alto	2	8395-023-003	898.42
1785 Calle Alto	3	8395-023-004	898.42
1781 Calle Alto	4	8395-023-005	898.42
1777 Calle Alto	5	8395-023-006	898.42
1773 Calle Alto	6	8395-023-007	898.42
1767 Calle Alto	7	8395-023-008	898.42
1765 Calle Alto	8	8395-023-009	898.42
1761 Calle Alto	9	8395-023-010	898.42
1757 Calle Alto	10	8395-023-011	898.42
1753 Calle Alto	11	8395-023-012	898.42
1749 Calle Alto	12	8395-023-013	898.42
1745 Calle Alto	13	8395-023-014	898.42
1741 Calle Alto	14	8395-023-015	898.42
1737 Calle Alto	15	8395-023-016	898.42
1733 Calle Alto	16	8395-023-017	898.42
1729 Calle Alto	17	8395-023-018	898.42
1725 Calle Alto	18	8395-023-019	898.42
1721 Calle Alto	19	8395-023-020	898.42
1719 Calle Alto	20	8395-023-021	898.42
1702 Calle Alto	21	8395-023-022	898.42
1706 Calle Alto	22	8395-023-023	898.42
1710 Calle Alto	23	8395-023-024	898.42
1714 Calle Alto	24	8395-023-025	898.42
1718 Calle Alto	25	8395-023-026	898.42
1722 Calle Alto	26	8395-023-027	898.42
1726 Calle Alto	27	8395-023-028	898.42
1730 Calle Alto	28	8395-023-029	898.42
1121 Paseo Sandi	29	8395-023-030	898.42
1113 Paseo Sandi	30	8395-023-031	898.42
1105 Paseo Sandi	21	8395-023-032	898.42
1102 Paseo Sandi	32	8395-023-033	898.42
1110 Paseo Sandi	33	8395-023-034	898.42
1118 Paseo Sandi	34	8395-023-035	898.42
1780 Calle Alto	35	8395-023-036	898.42
1784 Calle Alto	36	8395-023-037	898.42
1788 Calle Alto	37	8395-023-038	898.42
1792 Calle Alto	38	8395-023-039	898.42
			34,139.96

OPEN SPACE MAINTENANCE DISTRICT NO. 1, ANNEXATION NO. 3  
 (TRACT 32841, NORTHWOODS DEVELOPMENT)



M.B. 873-12-13

ASSESSOR'S MAP  
 COUNTY OF LOS ANGELES, CALIF.



**MINUTES**  
**REGULAR CITY COUNCIL**  
**TUESDAY, APRIL 13, 2010, 7:00 P. M.**  
**SENIOR CITIZEN/COMMUNITY CENTER**  
**MULTIPURPOSE ROOM, 201 E. BONITA AVENUE**

---

**PRESENT:**

Mayor Curtis W. Morris  
Mayor Pro Tem John Ebner  
Councilmember Emmett G. Badar  
Councilmember Denis Bertone  
Councilmember Jeff Templeman

City Manager Blaine Michaelis  
City Attorney J. Kenneth Brown  
City Clerk Ina Rios  
Assistant City Manager Ken Duran  
Director of Development Services Dan Coleman  
Director of Public Works Krishna Patel  
Director of Parks and Recreation Theresa Bruns

**1. CALL TO ORDER AND FLAG SALUTE**

Mayor Morris called the regular meeting to order at 7:00 p.m. and led the flag salute.

**2. RECOGNITIONS**

- Proclaim May as Older Americans Recognition Month and recognize Jay Pace as the City's Older American Day honoree.

Councilmember Bertone, City Council Liaison to the Senior Citizens Commission, said Ms. Pace volunteers with the Chuck Wagon Nutrition program and other numerous events, and it is a pleasure working with her. She is well deserving of the recognition and will be honored on May 10, 2010 at a recognition celebration in Los Angeles.

Mayor Morris congratulated and presented a proclamation to **Jay Pace**, the City's honoree recognized at the Los Angeles County Older American Recognition Day, and he declared the month of May as Older Americans Month.

**Jay Pace** thanked the City Council for the recognition on behalf of all the other volunteers who work hard.

Councilmember Bertone encouraged participation for the two vacancies on the Senior Citizen Commission. He said applications are available with the City Clerk's office.

- Presentation of banner to Andrew Ortiz, Senior Airman, U. S. Air Force, recently discharged from active duty in the Armed Forces.

Mayor Morris, Gary Enderle and Janie Graef, San Dimas H.E.R.O.E.S., presented the military banner that was flown on San Dimas Avenue to **Andrew Ortiz**, Senior Airman, who completed four years of exemplary service in the U. S. Air Force and was honorably discharged in December, 2009. Mayor Morris also presented a certificate in honor of his duty to his country.

56

- Proclaim April 11-17, 2010 as National Library Week.

Mayor Morris read and presented to **Pui-Ching Ho**, San Dimas Librarian, a proclamation declaring April 11-17, 2010 as National Library Week.

- Proclaim April 19-23, 2010 West Nile Virus and Mosquito and Vector Control Awareness Week.

Mayor Morris read and presented to **Councilmember Templeman**, as representative on the Mosquito and Vector Control Abatement District, a Proclamation declaring April 19-23 West Nile Virus and Mosquito and Vector Control Awareness Week.

Councilmember Templeman reminded the community that West Nile Virus is a serious health threat to humans, horses, avian species, and other wildlife. He urged the community to remove standing water to minimize mosquito issues and to contact the Mosquito and Vector Control District if they encounter any difficulties.

- Proclaim April 21, 2010 as Earth Day.

Mayor Morris read and presented to **Lisa Monreal**, Environmental Services Coordinator, a proclamation declaring April 21, 2010 as Earth Day.

**Lisa Monreal**, Environmental Services Coordinator for the City of San Dimas, invited the community to the Public Works Department inaugural Earth Day celebration on Wednesday, April 21, 2010, at the Farmer's Market, from 5:00 p.m. to 9:00 p.m. She said there will be various fun activities to raise awareness and education about environmental consciousness.

- Proclaim April 2010 as Fair Housing month.

Mayor Morris read and presented to **Maria Benitez**, Outreach Coordinator with the Fair Housing Foundation, a proclamation declaring April 2010 as Fair Housing Month.

**Maria Benitez**, on behalf of the Fair Housing Foundation, thanked Mayor Morris for the great support in allowing them to come to San Dimas to educate the Council about landlord and tenant rights and to prevent discrimination.

- Arbor Day State Poster Contest Winner Claudia Lopez, 5th grader at Ekstrand School.

Director of Parks and Recreation Bruns stated that in an effort to teach students the benefits of trees, each year since 1992, the Arbor Day Foundation promotes a State Poster Contest open to all Fifth Grade students in the United States. This year's theme is "Trees are Terrific and Energy Wise" and the first place California State winner is Claudia Lopez, who is in the 5th grade at Ekstrand and accepted the award in Sacramento with her teacher, Mrs. Katherine Rojas. Claudia is now eligible to compete at the national level. This win marks the second California school to win the California First place poster contest.

Ms. Bruns extended a special thank you to Jeff Miedema who promotes the program every year at Ekstrand School and encourages participation in the contest.

Mayor Morris congratulated and presented a Certificate to **Claudia Lopez** as winner of the Arbor Day State Poster Contest. Claudia is a 5th grader at Ekstrand School. He praised Mr. Miedema and the parents who help encourage the kids.

- Proclaim April as Child Abuse Prevention Month.

Mayor Morris read and presented to **Kimberly Rohde**, Santa Anita Family Services, a proclamation declaring April 2010 as Child Abuse Prevention Month and calling upon citizens, community agencies, religious organizations, medical facilities and businesses to increase their participation in our efforts to prevent child abuse.

**Kimberly Rohde**, Clinical Intern, Santa Anita Family Services, a non profit organization that provides mental health services to low-income families, thanked the Mayor and City Council for proclaiming April as Child Abuse Awareness month and increasing public awareness of child abuse.

### 3. ANNOUNCEMENTS

- a. 50th Anniversary Flashbacks

**Bill Emerson**, San Dimas Historical Society, reported on the grand opening of the Via Verde Planned Community in November, 1965; groundbreaking held at the original Library for the new library under construction on Walnut Avenue in April, 1970; new motto "San Dimas Refreshing New City" for plans progressing for the redevelopment of the Downtown San Dimas; In July, 1970, a Sign consultant, hired for development of the Downtown, suggested 75% changes would be made by the City; including a proposal to widen the sidewalk; a welcome station to be built by Chevron; closing in of Exchange Place; a mini-park at Rhoades; outdoor café, many amusement parks where Liberty Ford stands. Residents were invited to come out to the median strip on Arrow Highway on Saturday, July 24, 1971 to watch several major improvement projects underway; and San Dimas JC's would be installing the 100 year old Covered Wagon they had been renovating throughout the past few months.

- b. Pui-Ching Ho, Librarian, San Dimas Library

**Pui-Ching Ho**, Library Manager, San Dimas Library, said on April 17, local historian and former President of San Dimas Historical Society Ralph Thomas will be presenting on the first 80 years of San Dimas' history in honor of the City's 50th Anniversary. Other programs available include a "not your average" Puppet Show at 3:00 p.m. on Saturday, April 24; Book Party will be at 10:30 a.m. on May 3; Book of the Month is *Dewey: The Small Town Library Cat Who Touched the World*; Pre-School Story Time on Friday mornings at 10:30 a.m. For more information on any program, call the Library at (909) 599-6738 or access their website [www.co.la.publib.org](http://www.co.la.publib.org).

- c. Senior Citizens Club's annual presentation regarding Club activities and programs.

**Linda Groth**, Senior Citizens Club Treasurer, reported that donations were made to the following: \$3,000 to San Dimas Utilities; \$2,400 for special events; \$200 for the Hunger Program; \$100 to the San Dimas Nature Center; \$1,500 for the Snow Program; \$500 to McKinley Childrens Home; \$500 to Salvation Army; \$200 to Los Angeles Mission; and \$3,000 for scholarships, for a total of \$11,400.

Councilmember Bertone commented that the Senior Citizens Club has a long tradition of donating funds to the City.

Mayor Morris expressed his appreciation for the Senior Citizens Club's participation in and contributions to the various programs.

**4. ORAL COMMUNICATIONS** (Members of the audience are invited to address the City Council on any item not on the agenda. Under the provisions of the Brown Act, the legislative body is prohibited from taking or engaging in discussion on any item not appearing on the posted agenda. However, your concerns may be referred to staff or set for discussion at a later date. If you desire to address the City Council on an item on this agenda, other than a scheduled public hearing item you may do so at this time or asked to be heard when that agenda item is considered. Comments on public hearing items will be considered when that item is scheduled for discussion. The Public Comment period is limited to 30 minutes. Each speaker shall be limited to three (3) minutes.)

a. Members of the Audience

**1) Breanna Celaya**, ASB President, San Dimas High School, reported that students are preparing for the California State testing; seniors are required to submit a Senior Connection project to graduate; the Science Olympic Team competed and took 21st Place at Valencia High School; students are raising funds for Melanoma and Leukemia patients; Sports are beginning; and the Band competed in Las Vegas and won 1st Place in Concert and Jazz, and 2nd Place in Drum Line.

**2) Aknim Chase**, President, Lone Hill Middle School, reported that testing will begin on April 26, through May 13, 2010; while continuing all activities including photos; Elections; and end of year Election Dance to announce elected Officers.

**3) Ted Powl**, President/CEO, Chamber of Commerce, commended Pui-Ching Ho for participating in the Civic Academy along with 14 other individuals. He announced two upcoming events: 1) the Chamber is partnering with Inland Valley Health for a Fundraiser Golf Tournament on May 24, 2010, at the Via Verde Country Club. He expressed appreciation for the sponsors of this event and encouraged participation. 2) Mr. Powl invited the community to the Chambers Installation and Awards dinner on June 24, 2010, to install the new Chamber Officers and recognize businesses in the community. He said the Chamber is accepting nominations in any category.

**4) Margie Green** invited the community to the Festival of Art's 34th Annual National Art Exhibition and Sale beginning Friday, April 23, 2010 for the Premier Opening and Dinner catered by Saffron Restaurant. She said the Gallery will be open Saturday-Sunday, April 24-25, from 9:00 a.m. to 5:00 p.m., and will feature 28 National Artists. The Festival of Arts is also partnering with the Downtown Corridor for a Garden Affair on Bonita Avenue, and she encouraged participation. She said all events, with the exception of dinner, are free.

**5) Bill Emerson**, invited the community to David Dreier's 2nd Annual Congressional Art Show on May 1, 2010. He said Congressman Dreier invites all students within his district to participate. Admission is free.

**6) Sid Maksoudian** reiterated his concern with transparency concerning Saffron Restaurant and stated he has no interest in running or purchasing the concessionary lease.

**5. CONSENT CALENDAR**

(All items on the Consent Calendar are considered to be routine and will be enacted by one motion unless a member of the City Council or audience requests separate discussion.)

It was moved by Councilmember Bertone, seconded by Mayor Pro Tem Ebiner, and carried unanimously to accept, approve and act upon the consent calendar, as follows.

- a. Resolutions read by title, further reading waived, passage and adoption recommended as follows:
- (1) **RESOLUTION NO. 2010-12**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, CALIFORNIA, APPROVING CERTAIN DEMANDS FOR THE MONTHS OF MARCH AND APRIL, 2010.

- (2) **RESOLUTION NO. 2010-13**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, CALIFORNIA, DECLARING THE CITY'S SUPPORT FOR AN ENERGY PARTNERSHIP BETWEEN SOUTHERN CALIFORNIA EDISON AND THE CITY OF SAN DIMAS.
  - (3) Urban Greening Planning Grant Application Submittal to benefit citywide planning initiatives:  
**RESOLUTION NO. 2010-14**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, CALIFORNIA, APPROVING THE SUBMITTAL OF AN APPLICATION FOR GRANT FUNDS FOR THE URBAN GREENING PLANNING GRANT PROGRAM UNDER THE SAFE DRINKING WATER, WATER QUALITY AND SUPPLY, FLOOD CONTROL, RIVER AND COASTAL PROTECTION BOND ACT OF 2006 (PROPOSITION 84) TO BENEFIT CITYWIDE PLANNING INITIATIVES.
  - (4) Urban Greening Project Grant Application Submittal to benefit Walnut Creek Habitat and Open Space Area:  
**RESOLUTION NO. 2010-15**, A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS, CALIFORNIA, APPROVING THE SUBMITTAL OF AN APPLICATION FOR GRANT FUNDS FOR THE URBAN GREENING GRANT PROGRAM UNDER THE SAFE DRINKING WATER, WATER QUALITY AND SUPPLY, FLOOD CONTROL, RIVER AND COASTAL PROTECTION BOND ACT OF 2006 (PROPOSITION 84) TO BENEFIT WALNUT CREEK HABITAT AND OPEN SPACE AREA.
- b. Approval of minutes for regular meeting of March 23, 2010.
  - c. Reject claim for damages from Southern California Edison Company.
  - d. Reject claim for damages from San Dimas Villas Apartments.
  - e. Proclaim April as Sexual Assault Awareness Month.

#### END OF CONSENT CALENDAR

#### 6. PUBLIC HEARING

*(The following items have been advertised and/or posted. The meeting will be opened to receive public testimony.)*

- a. Municipal Code Text Amendment 10-01 - A request to amend Chapter 18.14 of the City's Municipal Zoning Code, regarding Water Efficient Landscaping, to bring the City in compliance with SB 1881. (CONTINUED FROM MARCH 9, 2010 - REQUEST TO CONTINUE THIS ITEM TO APRIL 27, 2010)

Mayor Morris opened the public hearing for the purpose of continuing the public hearing to April 27, 2010 at the request of Assistant City Manager of Community Development Stevens who is unable to attend tonight's meeting.

It was the consensus of the City Council to continue the public hearing on Municipal Code Text Amendment 10-01 to 7:00 p.m. Tuesday, April 27, 2010.

#### 7. OTHER BUSINESS

- a. Sycamore Canyon Equestrian Center request for lease extension  
Receive report regarding the request; provide direction as desired; schedule the lease extension for decision at the April 27, 2010 Council meeting.

City Manager Michaelis provided a brief background and reported that the 2005 Agreement with Sycamore Canyon Equestrian Center included a five-year extension opportunity. Rather than a five-year extension, the Equestrian Center proposed a 20 year lease term to allow them to recover the costs of completed improvements and future investments. Mr. Michaelis outlined some operational changes permitted in 2005 as part of the lease and said since that time the Equestrian Center has implemented one fee increase. Mr. Michaelis concluded that the Center has been compliant with the Agreement and an extension could be appropriate. He provided four options for Council's consideration and suggested the proposal be considered over two Council meetings.

**Laurie Adair**, Sycamore Canyon Equestrian Center, responded to Council's questions concerning security lighting, fencing in the lower area, phasing the improvements, completed improvements, preparing the arena for the Rodeo, and maintaining the City's arena. She requested a minimum of ten years extension to recuperate costs and repay the loan, with two additional five-year extensions.

Mr. Michaelis suggested the City secure a 15-year plan to finance the restroom improvements alleviating the pressure to award a 15-year lease extension.

Mayor Morris suggested amortizing the future investments by the Adairs as an incentive to complete the improvements, and if the lease is not renewed, the City can assume the financial responsibility.

In response to Mayor Morris, Assistant City Manager Duran replied that the City has the right to exercise its discretion to review and approve a fee increase if the Boarder vacancy rate drops to 80% for a three month period.

Mayor Pro Tem Ebner supported financing the improvements and taking the burden off the Adairs.

City Manager Michaelis said the \$250,000 estimate is for a multi-purpose building and will go through the bidding process that will be brought to the Council for decision.

Mayor Morris felt further discussion was necessary on the house on the property and the main line sewer that will be brought for Council consideration. He inquired if it was feasible to demolish the house.

Mrs. Adair supported constructing a caretaker unit in the lower area and if the house is demolished, she inquired if they would be permitted to place a small trailer on the site.

Mayor Morris stated that this request can be considered at the next meeting.

Councilmember Templeman expressed concern with the duration of financing the improvement projects. He added that the City Council no longer hears from the Boarders.

In response to Councilmember Templeman, Mrs. Adair stated that the lease granted them autonomy so that the City Council was relieved from the burden of hearing complaints that the Adairs could manage.

It was moved by Councilmember Bertone to direct staff to bring back an Agreement to extend the contract for ten years, with the option of two additional five year extensions.

The motion failed due to lack of a second to the motion.

City Manager Michaelis stated that staff will explore flexible financing options with shorter terms and review the rent and associated maintenance costs on the house with a septic tank system. He added that property management will be included in the cost estimates.

Mayor Morris suggested that if additional time is needed to secure the financial data, it is not necessary to adhere to the timetable and staff can bring back the report when the necessary information is available, with the exception of the main line sewer.

It was the consensus of the City Council to defer this item until such time as staff secures flexible financing alternatives and an appropriate schedule for improvements to be completed.

Mayor Morris requested that a notice of the meeting to consider extension of the lease agreement be posted at the Sycamore Canyon Equestrian Center.

**Don Green** asked if the renewal would impact the rodeo, and he requested notification of the meeting. Mr. Green was assured that the Rodeo was not affected.

- b. Septic system repair to City-owned home at 1525 Sycamore Canyon Road  
Receive report and approve replacement of the septic system.

Director of Public Works Patel offered a Powerpoint presentation concerning a drainage problem discovered at 1525 Sycamore Canyon Road residence and Horsethief Canyon Park. He said the initial contractor's bid was rejected and he outlined three options and cost alternatives for Council consideration and recommended Option A, the appropriation of \$50,000 from the Infrastructure Fund for the construction of the sewer force main and pump system, and authorization to proceed with formal bid process to receive a more competitive bid.

In response to Council, Director Patel explained the force main/pump system, Phase I extension route of the sewer, and the estimated costs for the proposed project. He added that for an additional cost, the gravity system can be constructed.

Councilmember Templeman supported Option 3 to demolish the residence and construct an office/caretaker facility and completely eliminate the need for a sewer force main/pump system.

It was moved by Councilmember Templeman, seconded by Councilmember Ebner, to direct staff to proceed with the formal bid process. The motion carried 4.1; Councilmember Bertone opposed.

## **8. SAN DIMAS REDEVELOPMENT AGENCY**

Mayor Morris recessed the regular meeting at 9:17 p.m. to convene a meeting of the San Dimas Redevelopment Agency Board of Directors. The regular meeting reconvened at 9:18 p.m..

## **9. SAN DIMAS PUBLIC FACILITIES FINANCING CORPORATION**

Mayor Morris recessed the regular meeting at 9:18 p.m. to convene a meeting of the San Dimas Public Facilities Financing Corporation Board of Directors. The regular meeting reconvened at 9:21 p.m..

## **10. ORAL COMMUNICATIONS**

- a. Members of the Audience (Speakers are limited to five (5) minutes or as may be determined by the Chair.)

**1) Alta Skinner** applauded the past and current partnerships entered into in support of education of students and asked that the City Council support the Bonita Unified School District Resolution to the Governor and Legislators. She reported that throughout the State of California teachers' positions are being cut and many teachers are forced to leave the teaching field. She added that continued cuts cause young students in college to abandon their education and look to other careers. She said it has been proven that the community values education and is tired of putting hard earned funds into educational measures through bonds and taxes only to have those funds raided by Sacramento. She introduced Michelle Snow, President of Council for Bonita Unified School District, and Diane and Glen.

2) **Steven Perez** advised that on March 31, he was cited for two vehicles parked on the street minutes before 5:00 a.m. He added that he did not notice his registration tags were stolen and he was charged an additional fee. He said he is allotted one parking stall and explained he does not qualify for overnight parking permits as the vehicles are not registered to his apartment. He asked the Council for assistance.

Mayor Morris said Mr. Duran will review this matter to see if some accommodation can be made.

3) **Sid Maksoudian** stated that as a citizen, he should be able to communicate with any employee or member of the Council.

b. City Manager

- 1) Update on City Hall, Civic Center, and Stanley Plummer Community Building expansion and renovation project.

Director Coleman stated that the move to Temporary City Hall on March 8, 2010 went well with minimal disruption to the public. He delivered a Powerpoint presentation on the demolition to the interior and exterior of city hall, community building, the plaza area, and the removal of hazardous materials. He added that the ground breaking ceremony was held on March 23, and if the public is interested in following construction progress, photos will be posted weekly on the City's website.

c. City Attorney

There were no comments.

d. Members of the City Council

- 1) Appointment to the Parks and Recreation Commission.

Mayor Pro Tem John reported that there is one vacancy on the Parks and Recreation Commission and six candidates from a previous recruitment expressed an interest in serving. After careful consideration, the Committee recommended the appointment of Frank Neal.

It was moved by Mayor Pro Tem Ebner, seconded by Councilmember Bertone, that upon expiration of Commissioner Kane's final term, to appoint Frank Neal to the Parks and Recreation Commission for a two year term to commence July 1, 2010 through June 20, 2012. The motion carried unanimously.

- 2) Authorize the Mayor to sign letter supporting school funding and protecting local government revenues in the state budget process.

City Manager Michaelis stated that adequate education funding has been a casualty of the State budget process. He presented a request from Bonita Unified School District to support school funding and protecting local government revenue in the State budget process by authorizing the Mayor to sign a letter opposing the Governor's proposed 2010-2011 Budget for schools.

It was moved by Councilmember Templeman, seconded by Councilmember Badar, to authorize the Mayor to sign a letter supporting school funding and protecting local government revenue in the State budget process. The motion carried unanimously.

- 3) Councilmembers' report on meetings attended at the expense of the local agency.

Councilmember Templeman reported that he, along with members of the Planning Commission and Director Coleman, attended the Planners Institute on March 24-26, 2010. He said the conference covered a variety of

topics including State regulations on environmental mandates; Demystifying the Architectural and Site Plan Review process; Changing Climate and regulations; and How to read an EIR. He expressed concern that the Attorney General's office is enforcing mandates requiring cities to incorporate a Climate Plan into their General Plan and inquired about the date the City of San Dimas' General Plan was implemented.

Director Coleman replied that the Housing Element was adopted in 1991 and updated in 2008.

Councilmember Templeman suggested the General Plan be renewed every ten years to avoid exposure to strict oversight out of Sacramento.

4) Individual Members' comments and updates.

1) Mayor Pro Tem Ebiner commended Tim Rowe for the Autistic Little League and reported it was a great event.

2) Councilmember Bertone reported that the Metropolitan Transportation Authority agreed to fund Phase II(a) of the Gold Line from Pasadena to Azusa, from Measure R passed in 2008, which will be funded over a period of ten years. It is anticipated that service to Azusa will commence in 2014 barring any difficulties. He said San Dimas is in Phase II(b) from Azusa to Montclair, and Montclair to Ontario Airport is in Phase II(c). He would like the City of San Dimas to dedicate a specific location for the Gold Line and expressed hope that construction can begin in 2014 with service to begin in 2017.

## 11. ADJOURNMENT

Mayor Morris adjourned the regular meeting at 9:54 p.m. The next meeting will be Monday, April 19, 2010, 5:00 to 9:00 p.m. for a City Council/Staff Retreat at the San Dimas Sheriff's Station, 270 South Walnut Avenue.

Respectfully submitted,

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Ina Rios, CMC, City Clerk



# Agenda Item Staff Report

**TO:** Honorable Mayor and Members of City Council  
*April 27, 2010*

**FROM:** Blaine Michaelis, City Manager

**INITIATED BY:** Ken Duran, Assistant City Manager

**SUBJECT:** Implementation of GASB Statement No. 54

## **SUMMARY**

*The Governmental Accounting Standards Board has issued Statement No. 54, Fund Balance Reporting and Governmental Fund Type Definitions. The City will conform to the new standards effective with the 2009-2010 Financial Statements*

## **BACKGROUND**

In February 2009, the Governmental Accounting Standards Board (GASB) issued Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*. The new standard has left unchanged the total amount reported as fund balance, but has substantially altered the categories and terminology used to describe its components. The new categories and terminology focus not on financial resources available for appropriation, but on *"the extent to which the government is bound to honor constraints on the specific purposes for which amounts in the fund can be spent"* (GASB Statement No. 54, paragraph 5).

The new standard for financial statements for governmental funds report up to five components of fund balance and are defined as follows:

### **NON-SPENDABLE FUND BALANCE** (inherently non-spendable)

Includes net resources that cannot be spent because of their form or because they must be maintained intact. **Example:** Assets that will never convert to cash (e.g., prepaid items, inventories) or assets that will not convert to cash soon enough to affect the current period (e.g., long term portion of loans, land, assets held for resale).

### **RESTRICTED FUND BALANCE** (externally enforceable limitations on use)

Limitations imposed by creditors, grantors, contributors, laws, regulations or imposed by law through constitutional provisions or enabling legislation. Restrictions also can arise when the authorization to raise revenues is conditioned upon the revenue being used for a particular purpose (e. g., gas tax, Prop A etc.)

5C

**COMMITTED FUND BALANCE** (self-imposed limitations)

Amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the City Council. These committed amounts cannot be used for any other purpose unless the City Council removes or changes the constraint by taking the same type of action (e.g. legislation, resolution, ordinance) it employed to previously commit those amounts.

**ASSIGNED FUND BALANCE** (limitation resulting from intended use)

Amounts that are constrained by the government's intent to be used for specific purposes, but are neither restricted or committed, should be reported as *Assigned Fund Balance*. The intent should be expressed by (a) City Council or (b) officials the City Council has delegated the authority to assign amounts to be used for specific purposes; those amounts are then formally adopted by City Council during the annual budget process.

**UNASSIGNED FUND BALANCE** (residual net resources)

The total fund balance in the General Fund in excess of non-spendable, restricted, committed and assigned fund balance (i. e., surplus). Excess of non-spendable, restricted and committed fund balance over total fund balance (i.e., deficit). The General Fund, as the principal operating fund of the government, often will have net resources in excess of what can properly be classified in one of the other 4 categories. If so, that surplus is presented as *Unassigned Fund Balance*. If resources were not at least assigned, they could not properly be reported in a fund other than the General Fund to begin with. Therefore, only the General Fund can report a positive amount of *Unassigned Fund Balance*. Conversely, any governmental fund in a deficit position could report a negative amount of *Unassigned Fund Balance*.

**IMPLEMENTATION PROCESS**

The finance division will update the categories and terminology for the components of the fund balance in the City's Financial Statements, as well as, update the terminology in the City's budget, in order to comply with GASB Statement No. 54 for fiscal year ending 6/30/2010. The following is the detail of the changes in categories for the components of fund balance:

<b><u>NEW FUND BALANCE DESCRIPTION</u></b>	<b><u>CURRENT FUND BALANCE DESCRIPTION</u></b>	<b><u>PURPOSE OF FUND BALANCE</u></b>
<b><u>General Fund</u></b>		
01-281-001 Unassigned FB	Beginning Fund Balance	Excess General Fund
01-281-030 Non-Spendable FB	Reserve for Advance Loan	LTD Loans due from 30
01-281-033 Non-Spendable FB	Reserve for Advance Loan	LTD Loans WH due from 30
01-281-035 Non-Spendable FB	Reserve for Advance Loan	LTD Loans due from 35
01-281-076 Assigned FB	Reserve for Risk Mgt/Law	Reserve for Law Enforcement
01-281-078 Assigned FB	Reserve for Emergency Srv	Reserve for Emergency/Disaster
01-281-153 Non-Spendable FB	Reserve for Advance Loan	LTD Loans due from 53 GC

**Special Funds**

02-281-001 Restricted FB	Beginning Fund Balance	Gas Tax Restricted Funds
03-281-001 Assigned FB	Beginning Fund Balance	Walker House Fund
03-281-030 Non-Spendable FB	Reserve for Advance Loans	LTD Loans WH due from 30
04-281-001 Assigned FB	Beginning Fund Balance	City Hall Renovation Fund
06-281-001 Assigned FB	Beginning Fund Balance	Sewer Fund
07-281-001 Restricted FB	Beginning Fund Balance	City Wide Lighting Fund
08-281-001 Restricted FB	Beginning Fund Balance	Landscape Parcel Tax Fund
12-281-001 Assigned FB	Beginning Fund Balance	Infrastructure Fund
20-281-001 Assigned FB	Beginning Fund Balance	Community Park Dev Fund
21-281-001 Assigned FB	Beginning Fund Balance	Open Space #1 Park Fund
22-281-001 Assigned FB	Beginning Fund Balance	Open Space #2 Park Fund
27-281-001 Restricted FB	Beginning Fund Balance	Civic Center Parking Dist Fund
28-281-001 Restricted FB	Beginning Fund Balance	Civic Center Pkg Dist M&O Fund
29-281-001 Restricted FB	Beginning Fund Balance	Civic Center Pkg Dist Reserve
30-281-001 Assigned FB	Beginning Fund Balance	CRA M&O Fund
30-281-050 Non-Spendable FB	Reserve Land Held	Land Held for Resale
31-281-001 Restricted FB	Beginning Fund Balance	Tax Increment Fund
34-281-001 Restricted FB	Beginning Fund Balance	Housing Fund
34-281-050 Non-Spendable FB	Reserve Land Held	Land Held for Resale
35-281-001 Restricted FB	Beginning Fund Balance	Rancho Redev M&O Fund
36-281-001 Restricted FB	Beginning Fund Balance	Rancho Tax Increment Fund
37-281-001 Restricted FB	Beginning Fund Balance	Rancho Set Aside Fund
40-281-001 Restricted FB	Beginning Fund Balance	CDBG Fund
41-281-001 Restricted FB	Beginning Fund Balance	COPS Grant Fund
42-281-001 Restricted FB	Beginning Fund Balance	DOJ Grant Fund
53-281-001 Assigned FB	Beginning Fund Balance	Golf Course Fund
70-281-001 Assigned FB	Beginning Fund Balance	Equipment Replacement Fund
71-281-001 Restricted FB	Beginning Fund Balance	AQMD Fund
72-281-001 Restricted FB	Beginning Fund Balance	Prop A Fund
73-281-001 Restricted FB	Beginning Fund Balance	Prop C Fund
74-281-001 Restricted FB	Beginning Fund Balance	Measure R Fund
75-281-001 Restricted FB	Beginning Fund Balance	Open Space Maint Fund
80-281-001 Non-Spendable FB	Beginning Fund Balance	Fixed Asset Fund
111-281-001 Restricted FB	Beginning Fund Balance	Trustee/Debt Serv Fund
112-281-001 Restricted FB	Beginning Fund Balance	Trustee/Debt Serv Fund
113-281-001 Restricted FB	Beginning Fund Balance	Trustee/Debt Serv Fund

**RECOMMENDATION**

It is recommended that the City Council approve by consent to the changes necessary to implement GASB Statement No. 54 for the City's Financial Statements in order for the City to be in compliance.

It is further recommended that the City Council by minute action delegate authority **to assign amounts to be used for specific purposes and categorize as Assigned Fund Balance** to the City Manager, Assistant City Manager and/or the Finance/IS Manager to

April 27, 2010  
Implementation of GASB 54

be approved as part of the annual adoption of the City's budget. This will insure that a designee will always be available to make these classifications as necessary and the financial statements of the entity will not be delayed waiting for this determination.

Respectfully Submitted,

Barbara Bishop – Finance/IS Manager



# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the Meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager

**Initiated by:** Public Works Department *MP*

**Subject:** **Award of Cash Contract No. 2010-01, Alley Reconstruction – Alley “L” North of First Street from Acacia Street to Cataract Avenue, to Caliber Paving Company, Inc. for the bid amount of \$74,705.25.**

## Summary

Reconstruction of Alley “L” North of First Street from Acacia Street to Cataract Avenue is budgeted for \$125,000 in fiscal year 2009/2010. This project is part of the City’s annual alley repair program.

The City received sealed bids on April 20, 2010, from 18 contractors for the construction work. Caliber Paving Company, Inc. is the apparent low bidder. Staff recommends that Council consider awarding the contract to the apparent low bidder, Caliber Paving Company, Inc. for the bid amount of \$74,705.25.

## BACKGROUND

Sealed bids were received by the City Clerk on Tuesday, April 20, 2010, and publicly opened for Cash Contract 2010-01, Alley Reconstruction – Alley “L” North of First Street between Cataract Avenue and Acacia Street. The project consists of reconstruction of asphalt pavement, installation of longitudinal gutter, reconstruction of alley intersections, and installation of curb and gutter.

The bid results are as follows:

Caliber Paving Company	\$ 74,705.25	Terra Pave, Inc.	\$ 97,812.50
Pave West	\$ 78,912.00	NPG Inc.	\$ 98,515.00
Superior Paving Co. dba United Paving Co.	\$ 81,720.50	All American Asphalt	\$102,012.00
Lee & Stires, Inc.	\$ 83,573.37	G. M. Sager Construction	\$102,270.00
Gentry Brothers, Inc.	\$ 87,522.00	ICE Engineering	\$108,260.00
Black Rock Construction	\$ 89,648.00	Golden State Paving Co.	\$119,671.73
S. J. Grigolla Construction	\$ 89,832.00	Hardy & Harper, Inc.	\$127,804.00
F. S. Construction, Inc.	\$ 92,992.00	Wheeler Paving, Inc.	\$136,026.00
HYM Engineering, Inc.	\$ 95,338.50	Paveco Construction	\$138,943.25

In the 2009/2010 budget, \$125,000 of Fund 12 (Infrastructure) monies are budgeted for this project. Should Council choose to award to the apparent low bidder, the project budget would also include funds for Contingencies, Survey/Engineering and Soil Testing. The budgeted amount of \$125,000 is adequate to fund the costs of the construction and ancillary items listed.

*sd*

Staff reviewed the bid proposal provided by the lowest responsible bidder, Caliber Paving Company, Inc. and verified that the contractor's bid bond is issued by an admitted surety, as required by Public Contract Code 20170. It was confirmed through the State Contractor's License Board that the contractor's license #657602, Class A, expires on 10/31/2010. Staff was able to contact one of the references provided by the contractor who indicated that Caliber Paving Company, Inc. has successfully completed a paving project in their City.

**RECOMMENDATION**

Staff recommends that Council consider awarding Cash Contract No, 2010-01, Alley Reconstruction - Alley "L" North of First Street from Acacia Street to Cataract Avenue, to Caliber Paving Company, Inc. for the bid amount of \$74,705.25.

Respectfully submitted,



Shari Garwick  
Senior Engineer

sg/04-10-21



# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the Meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager

**Initiated By:** Public Works Department 

**Subject:** **Cash Contract No. 2010-03, Pavement Preservation Project in Maintenance Zone "C" Slurry Seal Project, to Roy Allan Slurry Seal, Inc. in the amount of \$384,706.89**

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## BACKGROUND

Sealed bids were received by the City Clerk on Tuesday, April 20, 2010, and publicly opened for Cash Contract No. 2010-03, Pavement Preservation Project in Maintenance Zone "C" - Slurry Seal Project. The project consists of applying an herbicide (Round Up) to control vegetation, crack seal, and apply a tire-rubber modified slurry seal material followed by replacing traffic striping & markings. Three bids were received as follows:

1.	Roy Allan Slurry Seal, Inc.	\$384,706.89
2.	Doug Martin Contracting Co., Inc.	\$406,514.43
3.	American Asphalt South, Inc.	\$449,943.22

## DISCUSSION

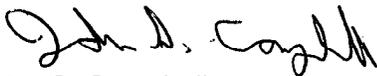
For fiscal year 2009-2010, at total of \$660,000 project funds have been allocated in Fund 02, Gas Tax, Fund 12, Infrastructure Fund, and Fund 73, Prop C Local Transportation Fund. The Pavement Preservation funds are allocated for slurry seal, seal coating, and as-needed pavement repairs in the specified zone. In order to receive competitive bid prices for the specialized type of work being done, Pavement Preservation for Zone "C" has been broken down into three specialized categories of street maintenance. In preparation for the next phase of pavement preservation, Staff proposes to request Council's approval at the May City Council Meeting to award the seal coating contract for which we are currently seeking bids.

Staff reviewed the bid proposal, and references provided by the lowest responsible bidder, Roy Allan Slurry Seal, Inc. It was confirmed through the State Contractor's License Board that the contractor's license #372798, C-12, C-32 and D-43, expires on 4/30/2011. All references contacted were positive in favor of the contractor. The contractor submitted a Bid Bond as security in accordance with the requirements of the specifications. Roy Allan was also the contractor who satisfactorily completed last year's pavement preservation project.

**RECOMMENDATION**

Staff recommends that Council consider awarding Cash Contract No. 2010-03, Pavement Preservation Project in Maintenance Zone "C" to Roy Allan Slurry Seal, Inc. in the amount of \$384,706.89.

Respectfully submitted,



John C. Campbell  
Maintenance Superintendent

jgc/kp/gdh/04-10-23



# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the Meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager

**Initiated by:** Public Works Department *MP*

**Subject:** **Approval and Award of Development of Sewer Master Plan**  
**1. Appropriation of \$50,000 from Sewer Expansion Fund**  
**2. Award of contract for Development of Sewer Master Plan to RKA Consulting Group in the amount of \$125,000.**

## Summary

The last Sewer Master Plan was completed in 1973 and updated in 1989. Due to the length of time since the last Master Plan and because of increasingly stringent environmental regulations impacting management of sewer systems, the City budgeted \$75,000 for a new Master Plan study in fiscal year 2009/2010. The development of the Sewer Master Plan would include:

- update of the existing geographical referenced database (GIS database and maps)
- development of flow modeling software to model the existing sewer system and projected future sewer flows
- Short term and long term capital improvement plans to ensure adequate capacity in the sewer system
- A synopsis of impending sewer regulations and potential funding sources for sewer projects.

The City solicited bids from 9 consultants. RKA Consulting Group and their team of sub-consultants was the lowest priced at \$125,000 and also received the highest rating from Staff's review panel on their proposed methodology for the Sewer Master Plan.

Staff is requesting that Council consider appropriating an additional \$50,000 from the Sewer Fund and awarding a contract for design of the City's Sewer Master Plan to RKA Consulting Group and their team of sub-consultants for the amount of \$125,000.

## BACKGROUND

The original Sewer Master Plan for the City of San Dimas was approved in 1973. This plan was updated 15 years later in 1989. Typically sewer master plans are updated every 5-10 years depending on City growth, projected growth, and other external factors. As the last update was over twenty (20) years ago, it is nearing time to look at the Sewer Master Plan.

While the population growth is not expected to greatly change for the foreseeable future, there has been significant growth and zoning changes over the last approximately 50 years since the approval of the original sewer master plan document. These changes impact sewer capacity requirements. For instance higher density developments like condominiums and apartments increase the rate of sewer discharge into a collection pipe as does commercial development. Pipes that were originally adequate to handle the capacity of areas with single family residential use may be undersized when the volume

56

of discharge is changed by upstream development. Attached to illustrate the changes since 1973 are two aerials, one of San Dimas in 1974 and one of San Dimas taken in 2008.

Notwithstanding the time since the last review of the sewer system, there have also been major changes in environmental regulations that substantially elevate the need for an up to date comprehensive Sewer Master Plan. One such regulation is the California Regional Water Quality Control Board General Order 2006-03. This order drives the need for a comprehensive Sewer Master Plan in several ways.

**1) Capacity Assurance:**

The Order requires that owners of sewer systems must ensure adequate capacity of the sewers with stiff penalties for failing to comply with this order. A sewer overflow that is the result of inadequate sewer capacity opens the City to the possibility of substantial fines. While the Los Angeles County Sewer Maintenance District services and repairs the majority of the City's sewers, the City is the owner of the sewer system and responsible for ensuring adequate capacity. To meet this end, the Order requires the City to prepare a short and long term capital improvement plan designed to provide for capacity enhancement where needed. For many years the City has been setting aside funds in anticipation of these sewer expansion and rehabilitation improvement needs. Currently in reserves, there is \$988,518.94 in the Sewer Fund. Additionally, the City requires that new developments pay for any needed sewer expansion required to accommodate that development. The capital improvement plan for the City's sewers is currently development project oriented.

**2) Sewer Overflows:**

Discussions with and reports from the Los Angeles County Sewer Maintenance District (that maintain our lines) show that there have been no sewer overflows due to deficiencies in capacity. However, a comprehensive Sewer Master Plan will catalogue the impact of population growth and shifts as well as changes in water usage trends that have occurred in the last 50 years allowing the City to look at and model the overall system. The General Order greatly regulated the reporting and tremendously elevated potential penalties associated with all overflows and required that the City adopt a Sewer System Management Plan (SSMP) whose main objective was to reduce all sewer overflows. The City adopted its original SSMP in 2007 and updated the SSMP in 2009. The Sewer Master Plan is an integral part of the SSMP and plays an important role in ensuring that the City continues to meet regulatory requirements.

**3) Determining Peak Sewer Flows:**

Another of the components of a comprehensive Sewer Master Plan is a computer program that will model existing and future predicted sewer flows. The modeling system that is proposed will provide the City with a tool that will be flexible and can predict the impact of multiple development scenarios on the existing sewer system. Part of the advantage of the model is that it can be calibrated with field measurements. To this end, the City anticipates measuring the flow in the sewers at critical locations and using the measurements to verify the model output. These results will be incorporated into the model program and will result in a much more accurate prediction which can impact capital improvement costs and priorities. The model program allows the sewer master plan to become a "living" document that provides impact analysis of myriads of future development Scenarios.

Analyzing the changes within the sewer system and having the ability to predict the impacts of future development scenarios will allow the City to prioritize capital improvement projects, develop long term budgeting and funding mechanisms, and provide the ability to lump like projects together in order to maximize economy of scale.

**4) Geographical Database (GIS):**

Other aspects driving the need for a new sewer master plan is the desire for a geographically based database (GIS database) of the City's pipelines. The City currently has a GIS database that was developed approximately 5 years ago and currently meets the requirements of General Order 2006-003. However, since the City's sewer database was developed, sewer system geodatabases have been standardized with additional information requirements. With the Master Plan, the existing database will be updated to conform with industry standards, and also will include information that improves management of the system. The proposed GIS database would enable a quicker response to potential spills by making sewer pipes easier to locate as well as provide better service to residents requesting sewer information. Examples of additional functionality of the updated database are: video files can be linked to the pipe section and readily retrieved for viewing; maintenance activity such as when the line was last cleaned can also be maintained as a part of the sewer database.

**5) Regulatory Impacts and Funding:**

A final portion of the new Sewer Master Plan is the requirement for the consultant to provide a synopsis of upcoming regulations that will impact the City as well as to provide sources of potential funding mechanisms to offset the cost of required improvements. This will enable Staff to better predict the impact of these upcoming regulations on future budgets.

For many reasons mainly due to stringent regulatory requirements, comprehensive Sewer Master Plans are very intricate documents. However, the process of meeting these requirements has brought relevance and increases the longevity and efficacy of the Master Plan document. Following is a summary of the proposed elements of the City's Sewer Master Plan:

- Updated/New Sewer Geographically referenced database (GIS database and map)
- Development and Implementation of a Sewer Flow Modeling Program to be owned by the City
- Flow Monitoring of critical locations (to be paid under separate contract) to validate model
- Development of short term and long term Sewer Capital Improvement Program based on modeling multiple development scenarios
- Synopsis of upcoming Sewer Regulations and Potential Funding Sources

**DISCUSSION**

To proceed with the development of the Sewer Master Plan, the City solicited proposals from nine (9) engineering firms and received proposals from the following six (6) firms:

Civiltec Engineering Incorporated from Monrovia  
Eureka Engineering Solutions from Covina  
Heitec Consulting from Palm Desert  
IDModeling from Pasadena  
RKA Consulting Group from Walnut  
Willdan Engineering from Industry

Proposals were required to be submitted with all cost information in a separate sealed envelope in order that a review of the proposed methodology not initially be impacted by the cost. Eureka Engineering and Heitec Consulting did not submit complete proposals and were not evaluated. After initial review by a panel of three Staff members, a list of questions was prepared for the remaining four (4) consultants, Staff met with each team at least once to go over the questions and provide more details of the proposed methodology. After the meetings, each Staff member evaluated the consultant's proposal based on the attached form. After the quality of the proposal and approach were

evaluated by the panel, Staff opened the cost envelopes. A weighted deduction was factored into the Overall Point Score for cost exceeding the original budget of \$75,000.

Following is a summary of Staff Panel Review (averaged score)

<i>Firm</i>	<i>Overall Point Score including cost factor</i>	<i>Preliminary Point Score without cost factor</i>	<i>Cost</i>
RKA	90.83	100.83	\$125,000.00
Civiltec	89.16	99.16	\$125,564.00
IDModeling	83.67	98.67	\$150,155.00
Willdan	68.17	91.17	\$190,178.00

While the top proposals were very close, Staff was most impressed by RKA and their team of sub-consultant's GIS and modeling methodology. The RKA team proposes to completely reconstruct the existing GIS database using the current industry standard for geodatabase design (that was not available when the City's existing sewer database was originally done). This standardizes attributes and naming schema to be consistent with other sewer databases and allows integration of a sewer modeling program.

Also impressive was the QA procedure proposed to be employed by RKA's sub-consultant, DCSE, in constructing the database. There is a tremendous amount of data that will need to be input to create the database and make the model. DCSE employs multiple data check programs, culminating in a separate QA person checking approximately 10% of the data against the As Built Drawings for errors.

Collectively, RKA and its team of sub-consultants has many years of experience in developing GIS databases, implementing Computer Modeling Software and developing Sewer Master Plans. Recent cities for which they have performed similar work include Covina, Temple City, and the City of Chino.

#### BUDGETING

For FY 2009/2010, the City budgeted \$75,000 for design of the Sewer Master Plan. If the Sewer Master Plan contract were awarded to RKA and their Sub-consultants for their bid price of \$125,000, the Council would need to consider appropriating an additional \$50,000 from the Sewer Fund.

Sewer Master Plan Development	\$125,000
Amount Budgeted in FY 2009/2010:	<u>75,000</u>
Amount needed to be appropriated:	<u>\$ 50,000</u>

Additionally, in FY 2010/2011, Staff recommends that a budget item of \$25,000 be allocated for sewer flow monitoring and survey (if needed) that will calibrate and validate the sewer model and will help prioritize any necessary capacity enhancement projects.

**RECOMMENDATION**

Staff recommends that Council consider the following:

- 1) Appropriation of \$50,000 from the Sewer Expansion Fund
- 2) Award the contract for the Sewer Master Plan to RKA Consulting Group for the amount of \$125,000

Respectfully submitted,



Shari Garwick  
Senior Engineer

- Attachments: 1) 1974 Aerial  
2) 2008 Aerial  
3) Evaluation Form

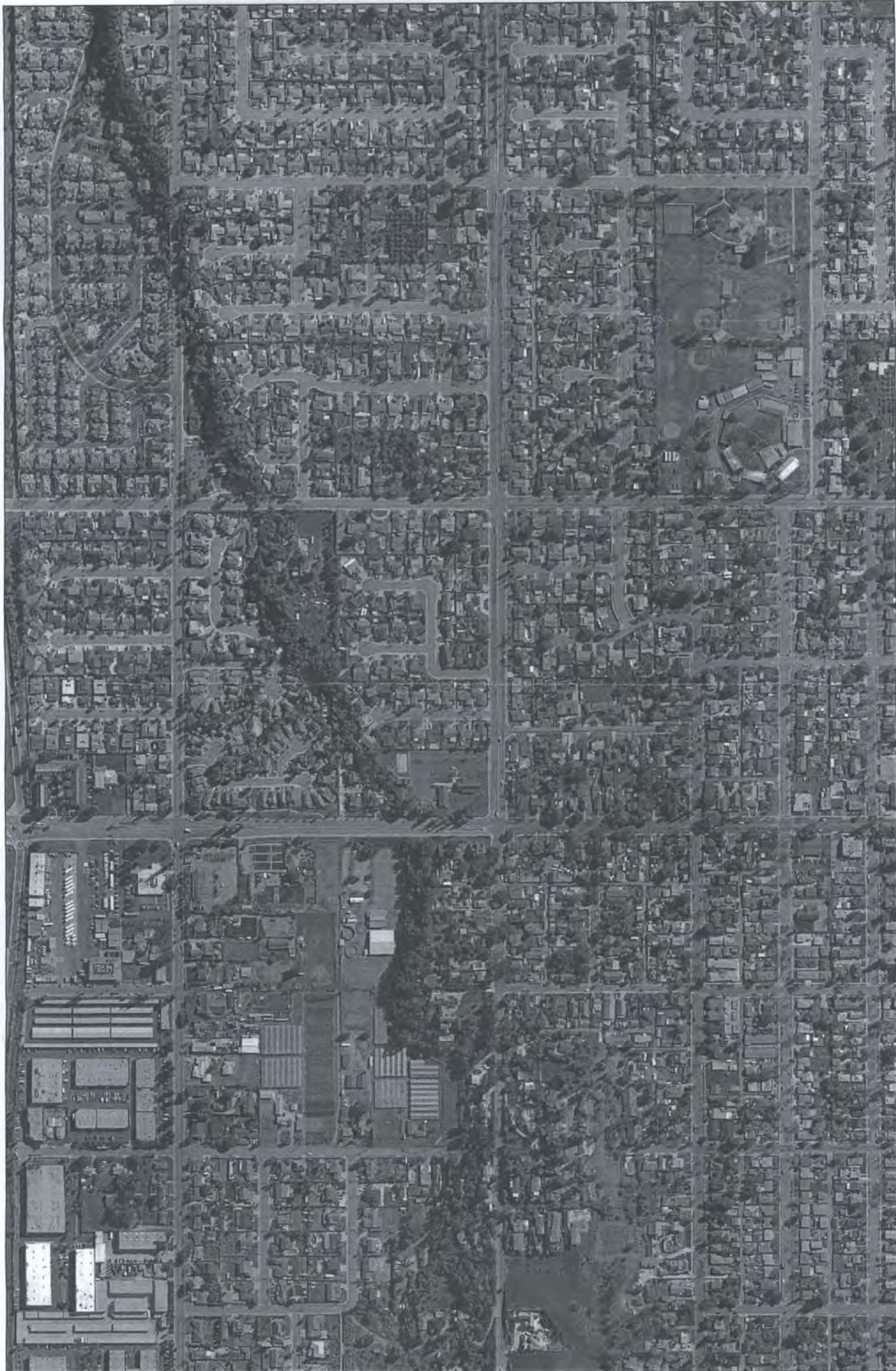
sg/04-10-19

ATTACHMENT A - 1974 AERIAL

AIR PHOTO  
BASE MAP NO.  
134  
CITY OF  
LOS ANGELES  
MAY 1974



ATTACHMENT A - 2008 AERIAL



**SEWER MASTER PLAN  
PROPOSAL EVALUATION**

**FIRM:** \_\_\_\_\_

REVIEW CRITERIA	POSSIBLE POINTS	POINTS AWARDED
<b>Proposal Completeness</b> – Is the proposal in compliance with the specific requirements of the RFP? (Section 11.0)	<b>15</b>	
<b>QA/QC Program</b> – Is the program adequate to ensure accurate data is being input and used? How often QC performed?	<b>10</b>	
<b>Project Methodology</b> – Does the proposal clearly define the methodology to be used? Is the modeling program dynamic? Does the proposal demonstrate a design approach method backed by research of the project, suggested criteria and other considerations? Is each task addressed in a manner that shows familiarity with the requirements? Following are elements to be evaluated: Sewer GIS Database completeness Model capabilities Model Training Land use and demand estimates (reasonable assumptions) CIP plan	<b>20</b>	
<b>Firm and team members' experience and qualifications</b> – How many similar projects are documented in the proposal? Does the team have experience? Will the consultant be responsive to City needs? Is the team able to discuss present and future regulatory requirements?	<b>20</b>	
<b>GIS Experience</b> – What is the team's experience with GIS? Have they developed other sewer master layers? Are they familiar with ESRI requirements? What is the model recommended by the team? Are they building the full ERSI Model?	<b>20</b>	
<b>Project Schedule</b> – Is the submitted timeline reasonable? Does the timeline show an understanding for any complexity in the project? Is the timeline broken down in a reasonable way?	<b>5</b>	
<b>Innovation</b> – Has the consultant looked for ways to provide value engineering?	<b>20</b>	
<b>Cost</b> – every \$10,000 over 75,000 is -2 points.	-	
<b>Total Score</b>	<b>110</b>	

**Signature of Evaluator:** \_\_\_\_\_

**Date:** \_\_\_\_\_



# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the Meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager

**Initiated by:** Public Works Department *JM*

**Subject:** **Award of Contract for Design of Horsethief Canyon Park sewer extension and Force Main system**

- 1. Appropriation of \$23,000 from Sewer Fund**
- 2. Award of contract for Design of Horsethief Canyon Park sewer extension and force main sewer system to Andreason Engineering for the amount of \$23,000.**

## Summary

Because of the high cost of repairing the septic system at 1525 Sycamore Canyon Road, a City-owned facility, Council directed Staff at its April 13, 2010, meeting to pursue connecting the property to the sewer system that ends at the west corral in the top tier of Horsethief Canyon Park. The City has received a proposal from Andreason Engineering to design the sewer extension through the park and to design the connection from the house to the sewer extension for \$23,000. Andreason has also agreed to expedite these designs recognizing that the City is pumping the house sewer system on a weekly basis. Staff recommends that Council consider appropriating \$23,000 from the Sewer Fund and awarding the contract for design of these two systems to Andreason Engineering for \$23,000.

## BACKGROUND

The septic system at 1525 Sycamore Canyon Road, a City-owned facility, failed in August of 2010. Due to the proximity of Sycamore Creek, and the close proximity of mature oak trees, the cost of replacing the septic system is estimated to be approximately \$50,000.

Because of the high cost of repairing the septic system, Council directed Staff at its April 13, 2010 meeting to pursue connecting the property to the sewer system that ends at the west corral in the top tier of Horsethief Canyon Park. Council also directed Staff to ensure that the extension of the sewer through Horsethief Canyon Park meet future sewer requirements of the park.

Staff received a proposal for design of the extension of the sewer and for connection of the house sewer to the new extension from Andreason Engineering. The proposed sewer extension is a gravity sewer main and will be designed per County standards and will meet future needs of the Park. The proposal also includes design of a pressure force main system from the house at 1525 Sycamore Canyon Road to the terminus of the gravity main extension. Attached is a proposed layout of the system.

The design includes approximate 550 LF of 8-inch gravity sewer main, two manholes, approximately 800 LF of Force Main (pressure pipe), a wet well, and dual sewage ejector pumps.

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Andreason has proposed to complete the design for \$23,000. Additionally, they have agreed to expedite the design if awarded the contract as the City has been pumping the septic system on a weekly basis.

Andreason Engineering has completed several designs for the City and is currently in the final stages of completing a main storm drain design on Cataract Avenue and Baseline Road. Staff recommends the Council consider appropriating the funds for design (\$23,000) from the Sewer Fund and awarding the contract for design to Andreason Engineering.

**RECOMMENDATION**

Staff recommends that Council consider the following:

- 1. Appropriation of \$23,000 from the Sewer Fund**
- 2. Awarding the contract for design of the Horsethief Canyon Park Sewer extension and the house force main system to Andreason Engineering for \$23,000.**

Respectfully submitted,



Shari Garwick  
Senior Engineer

sg/04-10-22

**Legend**

**Horse Thief Park Sewer Extension**

Force Main

Gravity Sewer Pipe



## NATIONAL DAY OF PRAYER

**W**HEREAS, individuals throughout the world are confronted everyday with difficult decisions and numerous challenges in an increasingly complex society; and

**W**HEREAS, it becomes necessary to educate all people, but especially the youth, to the values that distinguish a humane and caring society; and

**W**HEREAS, it is the hope that every individual will set aside a few moments in the day to quietly and personally extend a hand to assist in the development of pride among friends and neighbors; and

**W**HEREAS, in 1988, Congress permanently set the first Thursday in May as the official day of prayer.

**N**OW THEREFORE, I, Mayor Curtis W. Morris, Mayor Pro Tem John Ebiner, Councilmembers Emmett Badar, Denis Bertone and Jeff Templeman do hereby proclaim May 6, 2010 as

## NATIONAL DAY OF PRAYER

in San Dimas and urge all citizens of San Dimas to participate in the day's observance and discover its importance in the life and culture of our Nation.

**I**N WITNESS THEREOF, I, Mayor Curtis W. Morris, have hereunto set my hand and caused the seal of the City of San Dimas to be affixed this 27th day of April, 2010.

5h



## MEMORANDUM

**DATE:** April 27, 2010  
**TO:** Mayor and City Council  
**FROM:** Community Development Department  
**SUBJECT:** MCTA 10-01 – Water Efficient Landscape Ordinance

Attached are materials previously presented at the March 9, 2010 public hearing.

Supplemental materials responding to concerns raised are addressed in the Study Session materials.

6a



# Agenda Item Staff Report

**TO:** *Honorable Mayor and Members of City Council  
For the Meeting of April 27, 2010*

**FROM:** Blaine Michaelis, City Manager

**INITIATED BY:** Kevin Frey, Administrative Aide

**SUBJECT:** MUNICIPAL CODE TEXT AMENDMENT 10-01 – Revising, in its entirety, the Water Efficient Landscape Ordinance to comply with new State requirements.

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## **SUMMARY**

*Staff is recommending amending Chapter 18.14 of the Zoning Code, titled Water Efficient Landscapes, in order to bring the Municipal Code into conformity with the latest version of the updated State Model Landscape Ordinance.*

## **Background**

In 1992, the State of California enacted the Water Conservation in Landscaping Act, (AB 325) requiring the adoption of a water efficient landscape ordinance by cities and counties throughout the state. To assist local agencies, the California Department of Water Resources (DWR) developed a Model Water Efficient Landscape Ordinance that established water efficient landscape design standards for urban landscapes. This Model Ordinance served as a template for local agencies to utilize in the development of their own local water efficient landscape ordinance. Cities could adopt the DWR model ordinance outright, modify it to meet a city's local needs, or adopt an entirely different ordinance. In 1993 the City of San Dimas adopted Chapter 18.14 titled Water-Efficient Landscapes to be in compliance with AB 325.

In 2004, the legislature passed Assembly Bill 2717 establishing a stakeholder based Landscape Taskforce charged with formulating recommendations to improve irrigation efficiency in new and existing landscapes and to report their findings to the governor and legislature. The report titled, "Water Smart Landscapes for California: AB 2717 Landscape Task Force Findings, Recommendations, & Actions" contained 43 recommendations to achieve greater landscape water use efficiency.

In 2006, the Governor signed Assembly Bill 1881 amending the Water Conservation Landscape Act. The bill requires two new things: (1) DWR is to update the original

Model Water Efficient Landscape Ordinance; and (2) cities and counties are to update their local Landscape Ordinances by January 1, 2010 so that they are "at least as effective as" DWR's updated Model Ordinance. Because of the new "at least as effective as" clause, meeting the requirements of AB 1881 will result in significant changes to most landscape ordinances in the State.

### **Analysis of New Requirements**

There are significant differences between the existing requirements and the new requirements for water efficient landscapes. The new requirements include the following:

1. **Water Budget:** Landscapes will be given a water budget for the year and must not exceed the maximum for that budget;
2. **Landscape Documentation Package:** Requires the applicant to submit (prior to construction) a Landscape Documentation Package;
3. **Certificate of Landscape Design:** Someone qualified to install a landscape must sign a "Certification of Landscape Design" stating that all landscaping will be compliant with the Water Efficient Landscape Ordinance;
4. **Soils Report:** A soils report is required to ensure that soil conditions are suitable to accommodate plant growth with water conservation;
5. **Irrigation Plan:** Requires that an irrigation plan be submitted to the City for approval;
6. Compliance is now required from homeowner-provided landscaping at single family and multifamily projects;
7. Collaboration between the City and the local water purveyor is now strongly encouraged in the creation of a landscaping plan;
8. **Adjustment Factor:** The adjustment factor used to figure out a water budget has been decreased meaning landscapes will be allotted less water; and
9. The City is now required to regulate existing landscapes for water waste.

### **Applicable Projects**

1. New landscape installations or landscape rehabilitation projects by public agencies or private non-residential developers with a landscaped area greater than **2,500 square feet**;
2. New landscape installations or landscape rehabilitation projects by developers for property managers of **single-family and multi-family** residential projects or complexes with a landscaped area greater than **2,500 square feet**;
3. New landscape installation projects by individual homeowners on single-family or multi-family residential lots with a total project landscaped area greater than **5,000 square feet**;
4. **Existing landscapes** that are one acre or more shall not exceed their Maximum Applied Water Allowance.
5. Irrigation of all existing landscaped areas shall be conducted in a manner conforming to the rules and requirements, and shall be subject to penalties and incentives for water conservation and water waste prevention as determined and

implemented by the local water purveyor or as mutually agreed by the local water purveyor and the City of San Dimas. All landscaped areas of one acre or more shall not exceed their Maximum Applied Water Allowance (MAWA).

### **Existing Landscapes**

Under this ordinance the following shall apply to all landscapes:

1. All landscape areas, whether installed pursuant to this chapter or not, shall be maintained in a healthful and sound condition. Irrigation systems and their components shall be maintained in a fully functional manner consistent with the originally approved design and the provisions of this chapter.
2. Landscapes shall be maintained to ensure water efficiency.
3. Waste water resulting from inefficient landscape irrigation leading to excessive runoff, low head drainage, overspray, and other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways or structures is prohibited.

### **Proposed Ordinance**

The State of California has created a model ordinance which will take effect if the City does not pass its own ordinance. Staff feels that the State's ordinance is confusing and not user friendly. The State Model contains both policy issues and technical procedures combined in one document. Staff feels it would be more practical to separate the policy issues and the technical procedures into two documents. One document would be a set of guidelines which contain the technical requirements and the second document would be the ordinance enforcing compliance of the guidelines. Staff finds this advantageous because due to the complexity of the new state requirements it is likely that changes and adjustments will need to be made during the early stages of implementation. It will be much easier to make technical changes to the Guidelines than it will be to make changes to a zoning ordinance.

The proposed ordinance will support current conservation efforts as well as comply with State regulations. Rather than providing lists of plants or dictating plants that must be used, the ordinance provides a way of calculating water use by specific categories of plants based on state research on plant water factors. The ordinance establishes a formula to calculate a maximum water budget (Maximum Applied Water Allowance) for the project based on landscaped area and local climate conditions. A second calculation based on proposed plants and their water needs (Estimated Applied Water Use) demonstrates whether the design meets the allowable water budget or needs to be revised to provide more water conserving plants species.

### **Artificial Turf**

The proposed ordinance gives the option of installing artificial turf as part of the landscaping. A typical residence (with about 750 square feet of turf) can save

approximately 22,000 gallons of water per year by replacing grass with artificial turf. Artificial turf also requires no fertilizer, pesticides, or mowing and reduces urban runoff caused by irrigation. It also cuts down on the amount of green waste, like lawn clippings, going into landfills.

Artificial turf is designed to handle water in the same way that natural grass does. It is designed with channels of permeability over the entire surface of the backing. Any water landing upon the grass fiber surface has the capability of being absorbed by the ground.

Anyone wishing to install artificial turf on new or existing landscapes will have to meet the following requirements:

1. Artificial turf shall consist of lifelike individual blades of grass that emulate real grass in look and color and have a minimum pile height of 1  $\frac{3}{4}$  inches.
2. Artificial turf shall be prepared in a manner that allows water to permeate and pass through the turf so as not to cause runoff onto adjacent properties, flooding, or pooling of water.
3. Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn.
4. The use of indoor or outdoor plastic or nylon carpeting as a replacement for artificial turf or natural turf shall be prohibited.
5. Artificial turf shall be installed in combination with only natural plant materials (i.e. trees, shrubs, and groundcover) to enhance the overall landscaping design.
6. Artificial turf must be professionally installed by a licensed company.
7. Artificial turf which looks worn or faded must be replaced or repaired.

### **Certification**

As part of the normal plan check process, staff would notify an applicant regarding compliance with the ordinance if the project falls into one of the applicable project categories. A Water Efficient Landscape and Irrigation Application Package would be provided which details all items required for compliance with the ordinance.

The first step for compliance would be submittal of a Landscape Documentation Package that includes the landscape and irrigation design, a calculation for the maximum amount of water their property is entitled to, a calculation showing how much they estimate they will use, a soil sample analysis, and a grading plan to show how the site will handle runoff and how slope areas would be landscaped. A grading plan would be required if the project proposes to move over 50 cubic yards of earth. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.

When a project is ready for final inspection, the applicant must submit a Certificate of Completion Package to verify that the landscape and irrigation were installed pursuant to the approved plans and that the system operates within the parameters of the

Maximum Applied Water Allowance. The checklist and forms for the Certificate of Completion Package are included in the Water Efficient Landscape Application provided to the applicant at the beginning of the project. Upon completion of a landscape project, the applicant must submit the following items for approval of the installation:

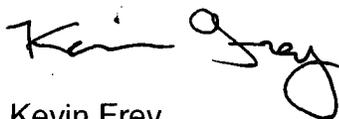
- "Certificate of Completion" form signed by the applicant;
- "Certification of Installation" form signed by someone qualified to install a landscape;
- Irrigation Schedule;
- Soil analysis;
- Water Efficient Landscape Worksheet; and
- Grading or drainage plan.

### Staff Recommendation

Staff recommends that the City Council introduce MCTA 10-01, an amendment to Title 18 of the San Dimas Municipal Zoning Code that would replace Chapter 18.14 entitled Water Efficient Landscapes, in its entirety, with a new Chapter 18.14 of the same name.

Staff also recommends that City Council comment on the Draft Guidelines which will be brought at a later date.

Respectfully Submitted,



Kevin Frey  
Administrative Aide

Attachments: Ordinance No. 1196 (Revised)  
Exhibit A

- Attachment A: Draft Water Efficient Landscape Ordinance Guidelines (Revised)
- Attachment B: Planning Commission Report from the meeting of February 17, 2010
- Attachment C: Planning Commission Resolution 1411
- Attachment D: Minutes from the Planning Commission meeting on February 17, 2010
- Attachment E: Draft Planning Commission Resolution recommending approval of the Water Efficient Landscape Ordinance Guidelines.
- Attachment F: Draft Water Efficient Landscape Ordinance Guidelines
- Attachment G: Correspondence from Public

**ORDINANCE NO. 1196**

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SAN DIMAS AMENDING TITLE 18 CHAPTER 14 OF THE SAN DIMAS MUNICIPAL ZONING CODE**

**THE CITY COUNCIL OF THE CITY OF SAN DIMAS DOES ORDAIN AS FOLLOWS:**

**Section 1.** Title 18, Chapter 14 of the San Dimas Municipal Code is hereby amended by Deleting the existing Chapter 18.14, Water-Efficient Landscapes and replacing it, in its entirety, with the ordinance set forth in attached Exhibit A.

**Section 2.** This Ordinance shall take effect 30 days after its final passage, and within 15 days after its passage the City Clerk shall cause it to be published in the Inland Valley Daily Bulletin, a newspaper of general circulation in the City of San Dimas hereby designated for that purpose.

**PASSED, APPROVED AND ADOPTED THIS 11<sup>th</sup> DAY OF MAY, 2010.**

\_\_\_\_\_  
Curt Morris, Mayor of the City of San Dimas

**ATTEST:**

\_\_\_\_\_  
Ina Rios, City Clerk

I, INA RIOS, CITY CLERK of the City of San Dimas, do hereby certify that Ordinance No. 1196 was regularly introduced at the regular meeting of the City Council on April 27, 2010 and was thereafter adopted and passed at the regular meeting of the City Council held on May 11, 2010 by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

## Chapter 18.14

### WATER-EFFICIENT LANDSCAPES

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#### **18.14.010 Purpose and Intent**

The intent of the water-efficient landscape chapter is:

- A. That this Chapter be at least as effective in conserving water as the State Model ordinance set forth in to Government Code §65595;
- B. To assure beneficial, efficient, and responsible use of water resources;
- C. To retain the land's natural hydrological role and promote the infiltration of surface water into the groundwater;
- D. To recognize that landscapes enhance the aesthetic appearance of developments and communities;
- E. To encourage the appropriate design, installation, maintenance, and management of landscapes so that water demand can be decreased, runoff can be retained, and flooding can be reduced without a decline in the quality or quantity of landscapes; and
- F. To reduce or eliminate water waste.

#### **18.14.020 Definitions**

“Applied Water” means the portion of water supplied by the irrigation system to the landscape.

“Artificial Turf” means a man-made material which simulates the appearance of live turf, organic turf, grass, sod, or lawn.

“Chapter” means Chapter 18.14 of the San Dimas Municipal Code.

“Ecological restoration project” means a project where the site is intentionally altered to establish a defined, indigenous, historic ecosystem.

“Estimated Applied Water Use” means the average annual total amount of water estimated to be necessary to keep plants in a healthy state, calculated as provided in the Guidelines. It is based

on the reference evapotranspiration rate, the size of the landscape area, plant water use factors, and the relative irrigation efficiency of the irrigation system.

“ET adjustment factor” or “ETAF” is equal to the plant factor divided by the irrigation efficiency factor for a landscape project, as described in the Guidelines. The ETAF is calculated in the context of local reference evapotranspiration, using site-specific plant factors and irrigation efficiency factors that influence the amount of water that needs to be applied to the specific landscaped area.

“Guidelines” refers to the “Guidelines for Implementation” as adopted by the City, which describes procedures, calculations, and requirements for landscape projects subject to this Chapter.

“Hardscapes” means any durable materials or feature (pervious and non-pervious) installed in or around a landscaped area, such as pavements or walls. Swimming pools and other water features are considered part of the landscaped area and not considered hardscapes for purposes of this Chapter.

“Homeowner installed landscape” means any landscaping either installed by a private individual for a single family residence or installed by a licensed contractor hired by a homeowner. A homeowner, for purposes of this Chapter, is a person who occupies the dwelling he or she owns. This definition excludes speculative homes, which are not owner-occupied dwellings and which are subject to the requirements applicable to developer-installed residential landscape projects.

“Irrigation efficiency” means the measurement of the amount of water beneficially used divided by the amount of water applied. Irrigation efficiency is derived from measurements and estimates of irrigation system characteristics and management practices. The minimum average irrigation efficiency for purposes of this Chapter is 0.71.

“Landscaped area” means all the planting areas, turf areas, and water features in a landscaped design plan subject to the “Maximum Applied Water Allowance” and “Estimated Applied Water Use” calculations. The landscaped area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated for non-development (e.g. open spaces and existing native vegetation).

“Landscape Documentation Package” means the documents required to be provided to the City for review and approval of landscape design projects, as described in the Guidelines.

“Landscape project” means total area of landscape in a project, as provided in the definition of “landscaped area”.

“Maximum Applied Water Allowance” or “MAWA” means the upper limit of annual applied water for the established landscaped area. It is based upon the area’s reference evapotranspiration, the ET Adjustment Factor, and the size of the landscaped area. The “Estimated Applied Water” use shall not exceed the “Maximum Applied Water Allowance”.

“Mined-land reclamation projects” means any surface mining operation with a reclamation plan approved in accordance with the Surface Mining and Reclamation Act of 1975.

“Permit” means an authorizing document issued by the City for new construction or rehabilitated landscape.

“Rehabilitated landscape” means any re-landscaping project that is greater than 2,500 square feet, is 50% of the total landscape area, and the modifications are planned to occur within one year.

“Special landscape area” means an area of the landscape dedicated solely to edible plants such as orchards and vegetable gardens, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports field, golf courses, and where turf provides a playing surface.

“Turf” means a ground cover surface of mowed grass.

“Water feature” means a design element where open water performs an aesthetic or recreational function. Water features include ponds, lakes, waterfalls, fountains, artificial streams, spas, and swimming pools (where water is artificially supplied). The surface area of water features is included in the high water use hydrozone of the landscaped area. Constructed wetlands used for on-site wastewater treatment, habitat protection, or storm water best management practices that are not irrigated and used solely for water treatment or storm water retention are not water features and, therefore, are not subject to the water budget calculation.

#### **18.14.030 Applicability**

- A. All landscaping projects subject to this Chapter shall obtain a permit from the Department of Development Services prior to installation of any landscaping. All planting, irrigation, and landscape related improvements required by this Chapter shall apply to the following landscape projects:
1. Installation of new and rehabilitated landscaping for industrial, commercial, office and institutional developments; parks and other public recreational areas; multi-family residential; with a landscape area equal to or greater than 2,500 square feet.
  2. Installation of new landscaping at single family dwellings which are developer installed with a landscape area equal to or greater than 2,500 square feet.
  3. Installation of new landscaping at single family dwellings, which are homeowner installed, with a landscape area equal to or greater than 5,000 square feet.
  4. Special Landscaped Areas, such as areas dedicated to edible plants, irrigated with recycled water, or dedicated to active play, shall prepare a water efficient landscape worksheet and landscape documentation package according to specifications for Special Landscaped Areas;
  5. New and rehabilitated cemeteries shall be required to comply with this Chapter;

6. Irrigation of landscaped areas of any size shall be conducted in a manner conforming to the rules and requirements, and shall be subject to penalties and incentives for water conservation and water waste prevention as determined and implemented by the local water purveyor or as mutually agreed by the local water purveyor and the City of San Dimas.
7. Existing landscapes that are one acre or more shall not exceed their Maximum Applied Water Allowance.

B. This Chapter does not apply to:

1. Registered local, state, or federal historical sites;
2. Ecological restoration projects that do not require a permanent irrigation system;
3. Mined-land reclamation projects that do not require a permanent irrigation system; or
4. Plant collections, as part of botanical gardens and arboretums open to the public.

C. Except as provided in this Chapter a permit is required before the installation or rehabilitation of a landscape. Before a permit is issued the Director of Development Services or his designee must ensure the proposed landscape is in conformity with the conditions set forth in this Chapter.

#### **18.14.040 Implementation Procedures**

A. Prior to installation, a "Landscape Documentation Package" shall be submitted to the Development Services Department for review and approval of all landscape projects subject to the provisions of this Chapter. Any "Landscape Documentation Package" submitted shall comply with the adopted Guidelines.

B. Prior to assembling the landscape documentation Package, applicants are advised to consult the Development Services Department to ascertain if the subject property is located within an area subject to additional landscape requirements including, but not limited to various custom lot areas and scenic corridors. Information regarding additional landscape requirements shall be made available upon request.

C. Other regulations affecting landscape design and maintenance practices are potentially applicable and should be consulted for additional requirements. These regulations include but may not be limited to:

1. State of California Section 65595;
2. National Pollutant Discharge Elimination Permit for the Municipal Separate Sewer System;
3. Water Conservation and Drought Response Regulations of the Local Water Purveyor;
4. Zoning Code;
5. Building Code;
6. Specific Plans, Master Plans, General Plan, or similar land use and planning documents; and
7. Conditions of approval for a specific project.

- D. Landscape and irrigation plans submitted to the Development Services Department for review and approval shall include appropriate water use calculations.
- E. The "Landscape Documentation Package" shall bear the signature of a licensed landscape architect, licensed landscape contractor, or any other person authorized to design a landscape. This ordinance shall not be deemed to prohibit any person from preparing any plans, drawings, or specifications for any property owned by that person.
- F. Verification of compliance of the landscape installation with the approved plans shall be obtained through a "Certificate of Completion" in conjunction with the final permit process, as provided in the Guidelines and are certified to be in compliance with the provisions of a Chapter and Guidelines and that the landscaping has been completed in accordance with the approved plans.

#### **18.14.050 Landscape Water Use Standards**

- A. For applicable landscape installation or rehabilitation projects subject to this Chapter, the "Estimated Applied Water" use allowed for the landscaped areas shall not exceed the "Maximum Applied Water Allowance" calculated using an "ET adjustment factor" of .07, except for special landscaped areas where the "Maximum Applied Water Allowance" is calculated using an "ET adjustment factor" of 1.0; or the design of the landscaped area shall otherwise be shown to be equivalently water-efficient in a manner acceptable to the City as provided in the Guidelines.

#### **18.14.060 Existing Landscapes**

- A. Irrigation of landscaped areas of any size shall be conducted in a manner conforming to the rules and requirements and shall be subject to penalties and incentives for water conservation and waste prevention, as determined and implemented by the local water purveyor and as may be mutually agreed by the City.
- B. The City and/or local water purveyor may administer programs such as irrigation water use analyses, irrigation surveys and/or irrigation audits, tiered meter rate structures, water budgeting by parcel, or other approaches to achieve landscape water use efficiency community-wide to a level equivalent to or less than would be achieved by applying a MAWA calculated with an ETAF of 0.8 to all landscaped areas in the City over one acre in size.
- C. The architectural guidelines of a common interest development, including apartments, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of low-water use plants as a group.
- D. Water Waste Prevention

1. Water waste resulting from inefficient landscape irrigation leading to excessive runoff, low head drainage, overspray and other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways or structures is prohibited.
2. All landscape areas, whether installed pursuant to this chapter or not, shall be maintained in a healthful and sound condition. Irrigation systems and their components shall be maintained in a fully functional manner consistent with the originally approved design and the provisions of this chapter.
3. Landscapes shall be maintained to ensure water efficiency. A regular maintenance schedule should include but not be limited to checking, adjusting, and repairing irrigation equipment; resetting the automatic controller; aerating and dethatching turf areas; replenishing mulch; fertilizing; pruning; and weeding in all landscaped areas.

#### **18.14.070 Artificial Turf**

- A. Artificial or synthetic turf is an appropriate substitute for natural turf for the purposes of water conservation. Guidelines for the use and maintenance of artificial turf shall include:
  1. Artificial turf shall consist of lifelike individual blades of grass that emulate real grass in look and color and have a minimum pile height of 1  $\frac{3}{4}$  inches.
  2. Artificial turf shall be prepared in a manner that allows water to permeate and pass through the turf, so as not to cause runoff onto adjacent properties, flooding, or pooling of water.
  3. Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn.
  4. The use of indoor or outdoor plastic or nylon carpeting as a replacement for artificial turf or natural turf shall be prohibited.
  5. Artificial turf shall be installed in combination with only natural plant materials (i.e. trees, shrubs, and groundcover) to enhance the overall landscaping design.
  6. Artificial turf must be professionally installed by a licensed company.
  7. Artificial turf which looks worn or faded must be replaced or repaired.

#### **18.14.080 Minor Deviations**

- A. The Director of Development Services or his or her designee may grant minor deviations from the requirements of this chapter limited to the following:
  1. Minor modifications to approved landscaping irrigation or grading plans, which comply with the spirit and intent of this chapter and the accompanying Guidelines;
  2. Modifications of planting, installation, and/or preparation details;
  3. Final of permits prior to installation of landscaping due to exceptional and unforeseen circumstance, subject to the deposit of an appropriate performance guarantee with the Development Services Department.
- B. In granting a minor deviation, the Director of Development Services or his or her designee may impose conditions, as deemed necessary, to comply with the spirit and intent of this chapter and accompanying Guidelines;

- C. The Director of Development Services Department decision may be appealed to Development Plan Review Board in writing. The Development Plan Review Board shall not be required in granting a minor deviation to this chapter or accompanying Guidelines.

#### **18.14.090 Implementation Guidelines**

This Water Efficient Landscape Ordinance Guidelines shall be adopted by resolution of the Planning Commission.

#### **18.14.100 Enforcement and Penalties**

- A. Except for the provisions of Section 5.110.030(D)(13)(h), any firm, corporation or person, whether as principal, agent, employee or otherwise, violating or causing the violation of any of the provisions of this chapter shall be guilty of a misdemeanor, and any conviction thereof shall be punishable as set forth in Chapter 1.12 of the San Dimas Municipal Code.
- B. Nothing herein shall prevent or restrict the city from taking such other lawful action in any court of competent jurisdiction as is necessary to prevent or remedy any violation or noncompliance. Such other lawful actions shall include, but shall not be limited to, an equitable action for injunctive relief or an action at law for damages.
- C. Further, nothing in this section shall be construed to prohibit the city from prosecuting any violation of this chapter by means of code enforcement established pursuant to the authority as provided by the laws of the state of California and the City of San Dimas.
- D. Any violation of the provisions of this chapter shall constitute a separate offense for each and every day during which such violation is committed or continued.

# **Water Efficiency Ordinance Guidelines**

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## **Purpose and Applicability**

### **A. Purpose**

1. The primary purpose of these Guidelines is to provide procedural and design guidance for project applicants proposing landscape installation or rehabilitation projects that are subject to the requirements of the Water Efficient Landscape Ordinance pursuant to Government Code Section 65595. This document is also intended for use and reference by staff in reviewing and improving designs and verifying compliance with the Water Efficient Landscape Ordinance. The general purpose of the Water Efficient Landscape Ordinance is to promote the design, installation, and maintenance of landscaping in a manner that conserves regional water resources by ensuring that landscaping projects are not unduly water-needy and that irrigation systems are appropriately designed to minimize water waste.
2. Other regulations affecting landscape design and maintenance practices are potentially applicable and should be consulted for additional requirements. These regulations include but may not be limited to:
  - (a) State of California Government Code Section 65595;
  - (b) National Pollutant Discharge Elimination Permit for the Municipal Separate Sewer System;
  - (c) Water Conservation and Drought Response Regulations of the Local Water Purveyor;
  - (d) Zoning Code;
  - (e) Building Code;
  - (f) Specific Plans, Master Plans, General Plan, or similar land use and planning documents; and
  - (g) Conditions of approval for a specific project.

### **B. Applicability**

1. These requirements shall be applicable to:
  - (a) Installation of new and rehabilitated landscaping for industrial, commercial, office and institutional developments; parks and other public recreational areas; multi-family residential; with a landscape area equal to or greater than 2,500 square feet.
  - (b) Installation of new landscaping at single family dwellings which are developer installed with a landscape area equal to or greater than 2,500 square feet.
  - (c) Installation of new landscaping at single family dwellings, which are homeowner installed, with a landscape area equal to or greater than 5,000 square feet.
  - (d) Special Landscaped Areas, such as areas dedicated to edible plants, irrigated with recycled water, or dedicated to active play, shall prepare a water efficient landscape worksheet and landscape documentation package according to specifications for Special Landscaped Areas;
  - (e) New and rehabilitated cemeteries shall be required to comply with this Chapter;
  - (f) Irrigation of landscaped areas of any size shall be conducted in a manner conforming to the rules and requirements, and shall be subject to penalties and incentives for water conservation and water waste prevention as determined and implemented by the local

water purveyor or as mutually agreed by the local water purveyor and the City of San Dimas.

- (g) Existing landscapes that are one acre or more shall not exceed their Maximum Applied Water Allowance.
2. Unless otherwise determined by the City, Chapter 18.14 of the Municipal Code and these Guidelines do not apply to:
    - (a) Registered local, state, or federal historical sites;
    - (b) Ecological restoration projects that do not require a permanent irrigation system;
    - (c) Mined-land reclamation projects that do not require a permanent irrigation system; or
    - (d) Plant collections, as part of botanical gardens and arboretums open to the public.

### **Submittal Requirements for New Landscape Installations or Landscape Rehabilitation**

- A. **Discretionary approval** is required for landscape projects that are subject to site plan reviews or other procedural processes apply such that standard or special conditions of approval may be required by the City. Discretionary projects with conditions of approval may be approved administratively by city staff, or acted on formally by the Planning Commission or City Council.

**Landscape or water features** that typically require a permit (i.e. a building, plumbing, electrical, other similar permits), hereby triggering compliance with the Water Efficient Landscape Ordinance requirements independently of the need for discretionary approval include, but are not limited to, swimming pools, fountains or ponds, retaining walls, and overhead trellises.

- B. **A Landscape Documentation Package** is required to be submitted by the project applicant for review and approval prior to the issuance of permits for landscape or water features by the City, and prior to start of construction. Unless otherwise directed by the City, the *Landscape Documentation Package* shall include the following elements:

1. Checklist or index of all documents in the *Landscape Documentation Package*;
2. Project contacts, including contact information for the project applicant and property owner;
3. Certification of Landscape Design;
4. Landscape Installation Certificate of Completion;
5. Any other information the City deems relevant for determining whether the landscape project complies with the Water Efficient Landscape Ordinance and these Guidelines;
6. Maximum Applied Water Allowance (MAWA) calculation worksheet;
7. Estimated Applied Water Allowance (EAWU) calculation worksheet;
8. Hydrozone information table for the landscaped project;
9. A soil management report;
10. A landscape design plan for the landscaped project;
11. An irrigation design plan for the landscaped project;

12. A grading design plan, unless grading information is included in the landscape design plan for the landscape project or unless the landscape project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan; and
13. Irrigation water schedules or procedures for programming of irrigation controllers.

### **Water Efficient Landscape Calculations and Alternatives**

- A. The project applicant shall provide the calculated *Maximum Applied Water Allowance (MAWA)* and *Estimated Applied Water Use (EAWU)* for the landscaped area as part of the *Landscaped Documentation Package* submittal to the City. The *MAWA* and *EAWU* shall be calculated based on completing the *Water Efficient Landscape Worksheets*.
- B. The *EAWU* allowable for the landscaped areas shall not exceed the *MAWA*. The *MAWA* shall be calculated using an *Evapotranspiration Adjustment Factor (ETAF)* of 0.7 except for the portion of the *MAWA* applicable to any special landscaped areas with the landscape project, which shall be calculated using an *ETAF* of 1.0.
- C. Water budget calculations shall adhere to the following requirements:
  1. The *MAWA* shall be calculated using the *Water Efficient Landscape Worksheets*;
  2. The *EAWU* shall be calculated using the *Water Efficient Landscape Worksheets*;
  3. For the calculation of the *MAWA* and *EAWU*, a project applicant shall use the *ETo* value of 47.5. This value was established by a weather station operated by the California Irrigation Management Information System, located in the City of Glendora.
  4. For calculation of the *EAWU*, the plant water use factor shall be determined as appropriate to the project location from the *Water Use Classification of Landscape Species (WUCOLS)* species evaluation list. The plant factor is 0.1 for very low water use plants, 0.2 to 0.3 for low water use plants, 0.4 to 0.6 for moderate water use plants, and 0.7 to 1.0 for high water use plants;
  5. For calculating the *EAWU*, the plant water use factor shall be determined for each valve hydrozone based on plant species within the zone. The *plant factor* for each hydrozone may be required to be further refined as a "landscape coefficient," according to protocols defined in detail in the *WUCOLS* document, to reflect planting density and microclimate effects on water need at the option of the City;
  6. For calculation of the *EAWU*, the area of a water feature shall be defined as a high water use hydrozone with a plant factor of 1.0.
  7. For calculation of the *EAWU*, a temporarily irrigated hydrozone area, such as an area of highly drought-tolerant native plants that are not intended to be irrigated after they are fully established, shall be defined as a very low water use hydrozone with a *plant factor* of 0.1.
  8. For calculation of the *MAWA*, the *ETAF* for special landscaped areas shall be set at 1.0. For calculation of the *EAWU*, the *ETAF* for special landscaped areas shall be calculated as the *Special Landscaped Area (SLA) plant factor* divided by the *SLA irrigation efficiency factor*.

9. Irrigation efficiency shall be calculated using the Water Efficient Landscape Worksheets.
- D. The Maximum Applied Water Allowance shall be calculated using the equation presented in the worksheets in the *Landscape Documentation Package*. For scheduling, automatic irrigation controllers are required and shall use current *ETo* data, such as from the California Irrigation Management Information System (CIMIS), other equivalent data, or soil moisture sensor data.

### **Soil Management Report**

- A. In order to reduce runoff and encourage healthy plant growth, a soil management report shall be completed by the project applicant, or his/her designee, as follows:
  1. Submit soil samples to a certified agronomic soils laboratory for analysis and recommendations;
  2. Soil sampling shall be conducted in accordance with laboratory protocol, including protocols regarding adequate sampling depth for the intended plants;
  3. The soil analysis may include, but is not limited to:
    - (a) Soil texture;
    - (b) Infiltration rate determined by laboratory test or soil texture infiltration rate table;
    - (c) pH;
    - (d) Total soluble salts;
    - (e) Sodium;
    - (f) Percent organic matter; and
    - (g) Recommendations.
- B. The project applicant, or his/her designee, shall comply with one of the following:
  1. If a grading permit is not required, the soil analysis report shall be submitted to the City as part of the Landscape Documentation Package; or
  2. If a grading permit is required, the soil analysis report shall be submitted to the City as part of the *Certification of Completion*.
- C. The soil analysis report shall be made available, in a timely manner, to the professionals preparing the landscape design plans and irrigation design plans in order to make any necessary adjustments to the design plans.
- D. The project applicant, or his/her designee, shall submit documentation verifying implementation of the soil analysis report recommendation to the City with the *Certification of Completion*.

### **Landscape Design Plan**

- A. For the efficient use of water, a landscape should be carefully designed and planned for the intended function of the project. To encourage the efficient use of water, the following is highly recommended:
  1. Protection and preservation on non-invasive water-conserving plant species and water-conserving turf;

2. Selection of water-conserving plant species and water-conserving turf;
  3. Selection of plants based on disease and pest resistance;
  4. Selection of trees based on applicable zoning ordinances and tree guidelines and/or conditions of approval; and
  5. Selection of plants from local and regional landscape program plant lists.
- B. **Hydrozones:** The landscape area shall be divided into hydrozones. Each hydrozone shall be selected and planted appropriately based upon their adaptability to the climate, soil conditions, and site topography. Each hydrozone shall have plant materials with similar water use, with the following exception: hydrozones may mix plants with different water needs provided that individual hydrozones mix plants of moderate and low water use, or moderate and high water use. Hydrozones that mix low and high water use plants shall not be permitted. The water use calculation for mixed hydrozones must be based on one of the following:
1. Plant factor calculation is based on the proportions of the respective plant water uses and their plant factor; or
  2. Plant factor of the highest water using plant is used for the calculation.
- C. **Plants** shall be selected and planted appropriately based upon their adaptability to the climatic, geologic, and topographical conditions of the project site. To encourage the efficient use of water, the following is highly recommended for inclusion in the landscape design plan:
1. Use the Sunset Western Climate Zone System which takes into account temperature, humidity, elevation, terrain, latitude, and varying degrees of continental and marine influence on local climate.
  2. Recognize the horticultural attributes of plants (e.g., mature plant size, invasive surface roots) to minimize damage to property or infrastructure (e.g., buildings, sidewalks, and power lines); and
  3. Consider the solar orientation for plant placement to minimize summer shade and winter solar gain.
- D. **Turf** is discouraged on slopes greater than 25% where the toe of the slope is adjacent to an impermeable hardscape.
- E. **Fire Prone Areas:** A landscape design plan for projects in fire-prone areas shall address fire safety and prevention. A defensible space or zone around a building or structure is recommended pursuant to Title 32 of the County of Los Angeles entitled "Fire Code of the County of Los Angeles", where applicable.
- F. **Invasive and/or noxious plant species** is strongly discouraged.
- G. **Common Interested Developments:** The architectural guidelines of a common interest development, which include community apartment projects, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of water efficient plant species as a group.

**H. Water Features**

1. Recirculation water systems shall be used for water features.
2. Where available and consistent with public health guidelines, recycled water shall be used as a source for decorative water features.
3. The surface area of a water features shall be included in the high water use hydrozone area of the water budget calculation.
4. Pool and spa covers are highly recommended.

**I. Mulch and Amendments**

1. A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications.
2. Stabilizing mulching products shall be used on slopes.
3. The mulching portion of the seed/mulch slurry in hydro-seeded applications shall meet the mulching requirement.
4. Soil amendments shall be incorporated according to recommendations of the soil report and what is appropriate for plants selected.

**J. The Landscape Design Plan, at a minimum, shall:**

1. Be drawn to scale in a clear and legible fashion.
2. Delineate and label each hydrozone by number, letter, or other method.
3. Identify each hydrozone as low, moderate, high water, or mixed water use. Temporarily irrigated areas of the landscaped area shall be included in the low water use hydrozone for the water budget calculation;
4. Identify recreational areas;
5. Identify areas permanently and solely dedicated to edible plants;
6. Identify areas irrigated with recycled water;
7. Identify type of mulch and application depth;
8. Identify soil amendments, type, and quantity;
9. Identify type and surface area of water features;
10. Identify hardscapes (pervious and non-pervious);
11. Identify location and installation details of any applicable storm water best management practices that encourage on-site retention and infiltration of storm water. Storm water best management practices are encouraged in the landscape design plan and examples include, but are not limited to:
  - (a) Infiltration beds, swales, and basins that allow water to collect and soak into the ground;
  - (b) Constructed wetlands and retention ponds that retain water, handle excess flow, and filter pollutants; and
  - (c) Pervious or porous surfaces (e.g. permeable pavers or blocks, pervious or porous concrete, etc.).
12. Identify any applicable rain harvesting or catchment technologies (e.g., rain gardens, cisterns, etc);

## **Irrigation Design Plan**

For the efficient use of water, an irrigation system shall meet all the requirements listed in this section and in the manufacturer's recommendations. The irrigation system and its related components shall be planned and designed to allow for proper installation, management, and maintenance. An irrigation design plan meeting the following design criteria shall be submitted as part of the *Landscape Documentation Package*:

- A. **Water meters** dedicated to the landscape are recommended, when feasible, to facilitate water management.
- B. **Automatic irrigation** controllers utilizing either evapotranspiration or soil moisture sensor data shall be required for irrigation scheduling in all irrigation systems.
- C. **Water Pressure.** The irrigation system shall be designed to ensure that the dynamic pressure at each emission device is within the manufacturer's recommended pressure range for optimal performance.
  1. If the static pressure is above or below the required dynamic pressure of the irrigation system, pressure-regulating devices such as inline pressure regulator, booster pumps, or other devices shall be installed to meet the required dynamic pressure of the irrigation system.
  2. Static water pressure, dynamic or operating pressure, and flow reading of the water supply shall be measured at the point of connection. These pressure and flow measurements shall be conducted at the design stage. The measurements shall be conducted at installation.
- D. **Sensors** (rain, freeze, wind, etc.), either integral or auxiliary, that suspend or alter irrigation operation during unfavorable weather conditions shall be required on all irrigation systems, as appropriate for local climatic conditions. Irrigation should be avoided during windy or freezing weather or during rain.
- E. **Manual Shut-Off Valves** (such as a gate valve, ball valve, or butterfly valve) shall be required as close as possible to the point of connection of the water supply to minimize water loss in case of an emergency (such as a main line break) or routine repair.
- F. **Backflow Prevention Devices** shall be required to protect the water supply from contamination by the irrigation system. A project applicant shall refer to the applicable City code for additional backflow prevention requirements.
- G. **High flow Sensors** that detect and report high flow conditions created by system damage or malfunction are recommended.
- H. **The Irrigation System** shall be designed to prevent runoff, low head drainage, overspray, or other similar conditions where irrigation water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways, or structures.

- I. Relevant information from the soil management plan, such as soil type and infiltration rate, shall be utilized when designing irrigation systems.
- J. The design of the irrigation system shall conform to the hydrozones of the landscape design plan.
- K. Average irrigation efficiency for the project shall be determined in accordance with the EAWU calculation sheet. Unless otherwise indicated by the irrigation equipment manufacturer's specifications or demonstrated by the project applicant, the irrigation efficiency of the irrigation heads used within each hydrozone shall be assumed to be:

Pop-up stream rotator heads = 75%  
Stream rotor heads = 75%  
Microspray = 75%  
Bubbler = 80%  
Drip emitter = 85%  
Subsurface irrigation = 90%

- L. It is highly recommended that the project applicant inquire with the local water purveyor about peak water operating demands (on the water supply system) or water restrictions that may impact the effectiveness of the irrigation system.
- M. In **Mulched Planting Areas**, the use of low volume irrigation is required to maximize water infiltration into the root zone.
- N. **Sprinkler Heads** and other emission devices shall have matched precipitation rates, unless otherwise directed by the manufacturer's recommendations.
- O. **Head to Head** coverage is recommended. However, sprinkler spacing shall be designed to achieve the highest possible distribution uniformity using the manufacturer's recommendations.
- P. **Swing Joints** or other riser-protection components are required on all risers subject to damage that are adjacent to high traffic areas.
- Q. **Check Valves** or anti-drain valves are required for all irrigation systems.
- R. **Narrow or irregularly shaped areas**, including turf, less than eight feet (8') in width in any direction shall be irrigated in a manner that precludes overspray.
- S. **Overhead Irrigation** shall not be permitted within 24-inches of any non-permeable surface unless:
  - 1. The landscape area is adjacent to permeable surfacing and no runoff occurs; or
  - 2. The adjacent non-permeable surfaces are designed and constructed to drain entirely to landscaping; or

3. The irrigation designer specifies an alternative design or technology, as part of the Landscape Documentation Package, that clearly demonstrates how the irrigation system will be designed to prevent runoff low head drainage, overspray, or other similar conditions where irrigation water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways or structures. Prevention of overspray and runoff must be confirmed during the irrigation audit.

#### **T. Hydrozones**

1. Each valve shall irrigate a hydrozone with similar site, slope, sun exposure, soil conditions, and plant materials with similar water use.
2. Sprinkler heads and other emission devices shall be selected based on what is appropriate for the plant type within that hydrozone.
3. Where feasible, trees shall be placed on separate valves from shrubs, groundcovers, and turf.
4. Individual hydrozones that mix plants of moderate and low water use or moderate and high water use may be allowed if:
  - (a) The plant factor calculation is based on the proportions of the respective plant water uses and their respective plant factors; or
  - (b) The plant factor of the higher water using plant is used for the calculations.
5. Individual hydrozones that mix high and low water use plants shall not be permitted.
6. On the landscape design plan and irrigation design plan, hydrozone areas shall be designated by number, letter, or other designation. The irrigation design plan shall designate the areas irrigated by each valve and assign a number to each valve.

#### **U. The Irrigation Design Plan, at a minimum, shall contain:**

1. The location and size of separate water meters for the landscape;
2. The location, type, and size of all components of the irrigation system, including controllers, main and lateral lines, valves, sprinkler head, moisture sensing devices, rain switches, quick couplers, pressure regulators, and backflow prevention devices;
3. Static water pressure at the point of connection to the public water supply;
4. Flow rate (gallons per minute), application rate (inches per hour), and design operation pressure (pressure per square inch) for each station;
5. Irrigation schedule parameters necessary to program smart timers specified in the landscape design;
6. On the irrigation design plan, hydrozone areas shall be designated by number, letter, or other designation;
7. The signature of a professional authorized to design an irrigation system.

#### **Recycled Water**

- A. If and when a recycled water program becomes available irrigation systems and decorative water features shall use recycled water unless a written exemption has been granted by the local water purveyor stating that recycled water meeting all public health codes and standards is not available and will not be available for the foreseeable future.

- B. All recycled water irrigation systems shall be designed and operated in accordance with all applicable local and State laws.
- C. Landscapes using recycled water are considered Special Landscaped Areas. The ET Adjustment Factor for Special Landscaped Areas shall not exceed 1.0.

### **Grading Design Plan**

- A. For the efficient use of water, grading of the landscape project site shall be designed to minimize soil erosion, runoff, and water waste. Finished grading configuration of the landscaped area, including pads, slopes, drainage, post-construction erosion control, storm water control Best Management Practices, as applicable, shall be shown on the Landscape Plan unless this information is fully included in separate grading plans for the project, or unless the project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area.
- B. A grading design plan is not needed if the information is included in the landscape design plan for the landscape project or unless the landscape project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area.
- C. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.
- D. The project applicant shall submit a landscape grading plan that indicates finished configurations and elevations of the landscaped area including:
  - 1. Height of graded slopes;
  - 2. Drainage patterns;
  - 3. Pad elevations;
  - 4. Finish grade; and
  - 5. Storm water retention improvements, if applicable.
- E. To prevent excessive erosion and runoff, it is highly recommended that the project applicant:
  - 1. Grade so that all irrigation and normal rainfall remains within property lines and does not drain on to non-permeable hardscapes;
  - 2. Avoid disruption of natural drainage patterns and undisturbed soil; and
  - 3. Avoid soil compaction in landscaped areas.

### **Certification of Completion**

Upon completion of the installation of the landscape, the designer shall certify that the landscape complies with all the requirements of the City of San Dimas Water Efficient Landscape Ordinance and the requirements as stated in the *Landscape Documentation Package*.

- A. Landscape project installation shall not proceed until the *Landscape Documentation Package* has been approved by the City and any required permits are issued.

- B. The project applicant shall notify the City at the beginning of the installation work and at intervals, as necessary, for the duration of the landscape project work to schedule all required inspections.
- C. *Certification of Completion* of the landscape project shall be obtained through a final permit. The requirements for the final inspection and permit include submittal of:
  - 1. **Landscape Installation Certificate of Completion** found in the *Landscape Documentation Package*.
  - 2. **Irrigation Schedule**. Submit irrigation scheduling parameters used to set the controller (may be included with the Irrigation Plan and Details).
  - 3. **Landscape and Irrigation Maintenance Schedule**. A regular maintenance schedule shall include, but not be limited to, routine inspection; adjustment and repair of the irrigation system and its components; aeration and dethatching of turf areas; replenishing mulch; fertilizing; pruning; weeding in all landscape areas, and removing obstructions to sprinklers and emitters.
  - 4. **Soil Management Report**. Submit soil samples to a certified agronomic soils laboratory for analysis and recommendations.

#### **Post-Installation Irrigation Scheduling**

- A. For the efficient use of water, all irrigation schedules shall be developed, managed, and evaluated to utilize the minimum amount of water required to maintain plant health. Irrigation schedules shall meet the following criteria:
  - 1. Irrigation scheduling shall be regulated by automatic irrigation controllers.
  - 2. Overhead irrigation shall be scheduled in accordance with the *Water Efficient Landscape Ordinance*.

#### **Post-Installation Landscape and Irrigation Maintenance**

- A. Landscapes shall be maintained to ensure water use efficiency in accordance with the City's current property maintenance code found in Chapter 8.14 of the Municipal Code.
- B. A regular maintenance schedule shall be submitted with the Certificate of Completion.
  - 1. A regular maintenance schedule shall include, but not be limited to, routine inspection; adjustment and repair of the irrigation system and its components; aerating and dethatching turf area; replenishing mulch; fertilizing; pruning; weeding in all landscape areas, and removing obstructions to emission devices. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.
- C. Repair of all irrigation equipment shall be done with the originally installed components or their equivalents.
- D. A project applicant is encouraged to implement sustainable or environmentally-friendly practices for overall landscape maintenance.

### **Provisions for Existing Landscapes**

- A. Irrigation of landscaped areas of any size shall be conducted in a manner conforming to the rules and requirements and shall be subject to penalties and incentives for water conservation and waste prevention, as determined and implemented by the local water purveyor and as may be mutually agreed by the City.
- B. The City and/or local water purveyor may administer programs such as irrigation water use analyses, irrigation surveys and/or irrigation audits, tiered meter rate structures, water budgeting by parcel, or other approaches to achieve landscape water use efficiency community-wide to a level equivalent to or less than would be achieved by applying a MAWA calculated with an ETAF of 0.8 to all landscaped areas in the City over one acre in size.
- C. The architectural guidelines of a common interest development, including apartments, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of low-water use plants as a group.
- D. **Water Waste Prevention**
  - 1. Water waste resulting from inefficient landscape irrigation leading to excessive runoff, low head drainage, overspray and other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways or structures is prohibited.
  - 2. All landscape areas, whether installed pursuant to this chapter or not, shall be maintained in a healthful and sound condition. Irrigation systems and their components shall be maintained in a fully functional manner consistent with the originally approved design and the provisions of this chapter.
  - 3. Landscapes shall be maintained to ensure water efficiency. A regular maintenance schedule should include but not be limited to checking, adjusting, and repairing irrigation equipment; resetting the automatic controller; aerating and dethatching turf areas; replenishing mulch; fertilizing; pruning; and weeding in all landscaped areas.

### **Artificial Turf**

- A. Artificial or synthetic turf is an appropriate substitute for natural turf for the purposes of water conservation. Guidelines for the use and maintenance of artificial turf shall include:
  - 1. Artificial turf shall consist of lifelike individual blades of grass that emulate real grass in look and color and have a minimum pile height of 1 ¾ inches.
  - 2. Artificial turf shall be prepared in a manner that allows water to permeate and pass through the turf so as not to cause runoff onto adjacent properties, flooding, or pooling of water.
  - 3. Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn.
  - 4. The use of indoor or outdoor plastic or nylon carpeting as a replacement for artificial turf or natural turf shall be prohibited.
  - 5. Artificial turf shall be installed in combination with only natural plant materials (i.e. trees, shrubs, and groundcover) to enhance the overall landscaping design.

6. Artificial turf must be professionally installed by a licensed company.
7. Artificial turf which looks worn or faded must be replaced or repaired.

### **Minor Deviations**

- A. The Director of Development Services or his or her designee may grant minor deviations from the requirements of this chapter limited to the following:
  1. Minor modifications to approved landscaping irrigation or grading plans which comply with the spirit and intent of this chapter and the accompanying Guidelines;
  2. Modifications of planting, installation, and/or preparation details;
  3. Final of permits prior to installation of landscaping due to exceptional and unforeseen circumstance, subject to the deposit of an appropriate performance guarantee with the Development Services Department.
- B. In granting a minor deviation, the Director of Development Services or his or her designee may impose conditions as deemed necessary to comply with the spirit and intent of this chapter and accompanying Guidelines;
- C. The Director of Development Services Department decision may be appealed to the Development Plan Review Board in writing. The Development Plan Review Board shall not be required in granting a minor deviation to this chapter or accompanying Guidelines.

### **Definitions**

“Applied water” means the portion of water supplied by the irrigation system to the landscape.

“Artificial Turf” means a man-made material which simulates the appearance of live turf, organic turf, grass, sod, or lawn.

“Automatic irrigation controller” means an automatic timing device used to remotely control valves that operate an irrigation system. Automatic irrigation controllers schedule irrigation events using either evapotranspiration (weather-based) or soil moisture data.

“Backflow prevention device” means a safety device used to prevent pollution or contamination of the water supply due to the reverse flow of water from the irrigation system.

“Check valve” or “anti-drain valve” means a valve located under a sprinkler head or other location in the irrigation system, to hold water in the system to prevent drainage from sprinkler heads when the sprinkler is off.

“Certified irrigation designer” means a person certified to design irrigation systems by an accredited academic institution or a professional trade organization.

“Certified Landscape Irrigation Auditor” means a person certified to perform landscape irrigation audits by an accredited academic institution or a professional trade organization.

“Certification of Design” means the certification included in the *Landscape Documentation Package*.

“Common interest developments” means community apartment projects, condominium projects, planned developments, and stock cooperatives per Civil Code Section 1351.

“Conversion factor” (0.62) means the number that converts acre-inches per acre per year to gallons per square foot per year.

“Distribution Uniformity” or “DU” is a measure of how uniformly an irrigation head applies water to a specific target area and theoretically ranges from zero to 100 percent.

“Drip Irrigation” means any non-spray low volume irrigation system utilizing emission devices with a flow rate measured in gallons per hour. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

“Ecological restoration project” means a project where the site is intentionally altered to establish a defined, indigenous, historic ecosystem.

“Emitter” means a drip irrigation emission device that delivers water slowly from the system to the soil.

“Established Landscape” means the point at which plants in the landscape have developed significant root growth into the soil. Typically, most plants are established after one or two years of growth.

“Estimated Applied Water Use” or “EAWU” means the annual total amount of water estimated to keep plants in a healthy state. It is based on factors such as reference evapotranspiration rate, the size of the landscaped area, plant water use factors, and the irrigation efficiency within each hydrozone.

“ET” adjustment factor” (ETAF) means a factor of 0.7, that when applied to reference evapotranspiration, adjusts for plant factors and irrigation efficiency, two major influences upon the amount of water that needs to be applied to the landscape.

“Evapotranspiration rate” means the quantity of water evaporated from adjacent soil and other surfaces and transpired by plants during a specified time.

“Flow rate” means the rate at which water flows through pipes, valves, and emission devices measured in gallons per minute, gallons per hour, or cubic feet per second.

“Hardscapes” means any durable material or feature (pervious and non-pervious) installed in or around a landscaped area, such as pavements or walls. Swimming pools and other water features are considered part of the landscaped area and not considered hardscapes for purposes of these Guidelines.

“Homeowner-provided landscaping” means any landscaping either installed by a private individual for a single family residence or installed by a licensed contractor hired by a homeowner. This excludes speculative homes, which are not owner-occupied dwellings.

“Hydrozone” means a portion of the landscaped area having plants with similar water needs and typically irrigated by one valve/controller station. A hydrozone may be irrigated or non-irrigated.

“Infiltration rate” means the rate of water entry into the soil expressed as a depth of water per unit of time (e.g. inches per hour).

“Invasive plant species” or “noxious” means species of plants not historically found in California that spread outside cultivated areas and can damage environmental or economic resources. Invasive plant species may be regulated by county agricultural agencies as noxious species.

“Irrigation audit” means an in-depth evaluation of the performance of an irrigation system conducted by a Certified Landscape Irrigation Auditor. An irrigation audit includes, but is not limited to: inspection, system tune-up, system test with distribution uniformity or emission uniformity, reporting overspray or runoff that causes overland flow, and preparation of an irrigation schedule.

“Irrigation Management Efficiency” or “IME” means the measurement used to calculate the irrigation efficiency of the irrigation system of a landscaped project. A 90% IME can be achieved by using evapotranspiration controllers, soil moisture sensors, and other methods that will adjust irrigation run times to meet plant water needs.

“Irrigation efficiency” or “IE” means the measurement of the amount of water beneficially used divided by the amount of water applied to a landscaped area. Irrigation efficiency is derived from measurements and estimates of irrigation system characteristics and management practices. The following irrigation efficiency may be obtained for the listed irrigation heads with an IME of 90%:

- (a) Pop-up stream rotator heads = 75%
- (b) Stream rotor heads = 75%
- (c) Microspray = 75%
- (d) Bubbler = 80%
- (e) Drip emitter = 85%
- (f) Subsurface irrigation = 90%

“Irrigation survey” means an evaluation of an irrigation system. An irrigation survey includes, but is not limited to an inspection, system test, and written recommendations to improve performance of the irrigation system.

“Irrigation water use analysis” means an analysis of water use data based on meter readings and billing data.

“Landscape coefficient” (K<sub>L</sub>) is the product of a plant factor multiplied by a density factor and a microclimate factor. The landscape coefficient is derived to estimate water loss from irrigated landscaped areas and special landscaped areas.

“Landscape Documentation Package” means the package of documents that a project applicant is required to submit to the City pursuant to these Guidelines.

“Landscape Installation Certificate of Completion” means the certificate included in these guidelines that must be submitted to the City.

“Landscape professional” means a licensed landscape architect, licensed landscape contractor, or any other person authorized to design a landscape pursuant to Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the California Business and Professions Code, Section 832.27 of the Title 16 of the California Code of Regulations, and Section 6721 of the California Food and Agriculture Code.

“Landscaped area” means all the planting areas, turf areas, and water features in a landscape design plan subject to the *Maximum Applied Water Allowance* and *Estimated Applied Water Use* calculations. The landscaped area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated from non-development (e.g. open spaces and existing native vegetation).

“Lateral line” means the water delivery pipeline that supplies water to the emitters or sprinklers from the valve.

“Low volume irrigation” means the application of irrigation water at low pressure through a system of tubing or lateral lines and low-volume emitters such as drip, drip lines, and bubblers. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

“Main line” means the pressurized pipeline that delivers water from the water source to the valve or outlet.

“Maximum Applied Water Allowance” or “MAWA” means the upper limit of annual applied water for the established landscaped area as specified in these Guidelines. It is based upon the area’s reference evapotranspiration, the ETAF, and the size of the landscaped area. The *Estimated Applied Water Use* shall not exceed the *Maximum Applied Water Allowance*.

“Microclimate” means the climate of a small, specific area that may contrast with the climate of the overall landscaped area due to factors such as wind, sun exposure, plant density, or proximity to reflective surfaces.

“Mined-land reclamation projects” means any surface mining operation with a reclamation plan approved in accordance with the Surface mining and Reclamation Act of 1975.

“Mulch” means any organic material such as leaves, bark, straw or compost, or inorganic mineral materials such as rocks, gravel, or decomposed granite left loose and applied to the soil surface for the beneficial purposes of reducing evaporation, suppressing weeds, moderating soil temperature, and preventing soil erosion.

“New Construction” means, for the purposes of this ordinance, a new building with a landscape or other new landscape, such as a park, playground, or greenbelt without an associated building.

“Non-pervious” means any surface or natural material that does not allow for the passage of water through the material and into the underlying soil.

“Operation pressure” means the pressure at which the parts of an irrigation system of sprinklers are designed to operate by the manufacturer.

“Overhead sprinkler irrigation systems” means systems that deliver water through the air (e.g., spray heads and rotors).

“Overspray” means the irrigation water which is delivered beyond the target area.

“Permit” means an authorizing document issued by the City for new construction or rehabilitated landscapes.

“Person” means any natural person, firm, joint venture, joint company, partnership, public or private association, club, company, corporation, business trust, organization, public or private agency, government agency or institution, school district, college, university, any other user of water provided by the local water purveyor, or the manager, lessee, agent, servant, officer, or employee of any of them or any other entity which is recognized by law as the subject of rights or duties.

“Pervious” means any surface or material that allows the passage of water through the material and into the underlying soil.

“Plant factor” or “plant water use factor” is a factor, when multiplied by ETo, that estimates the amount of water needed by plants. For purpose of this Water Efficient Landscape Ordinance, the plant factor range for low water use plants is 0 to 0.3; the plant factor range for moderate water use plants is 0.4 to 0.6; and the plant factor range for high water use plants is 0.7 to 1.0. Plant factors cited in these Guidelines are derived from the Department of Water Resources 2000 publication “Water Use Classification of Landscape Species.”

“Precipitation rate” means the rate of application of water measured in inches per hour.

“Project applicant” means the individual or entity submitting a *Landscape Documentation Package* to request a permit, plan check, or design review from the City. A project applicant may be the property owner or his/her designee.

“Property owner” or “owner” means the record owner of real property as shown on the most recently issued equalized assessment roll.

“Rain sensor” or “rain sensing shutoff device” means a component which automatically suspends an irrigation event when it rains.

“Recreational area” means areas dedicated to active play such as parks, sports fields, and golf courses where turf provides a playing surface.

“Reference evapotranspiration” or “ET<sub>o</sub>” means a standard measurement of environmental parameters which affect the water use of plants. ET<sub>o</sub> is given expressed in inches per day, month, or year and is an estimate of the evapotranspiration of a large field of four to seven-inch tall, cool-season grass that is well watered. Reference evapotranspiration is used as the basis of determining the *Maximum Applied Water Allowance*.

“Recycled water” or “reclaimed water” means treated or recycled waste water of a quality suitable for non-potable uses such as landscape irrigation and water features. This water is not intended for human consumption.

“Rehabilitated landscape” means any re-landscaping project that requires a permit, plan check, or design review, and the modified landscape area is equal to or greater than 2,500 square feet, is 50% of the total landscape area, and the modifications are completed within one year.

“Runoff” means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscaped area. For example, runoff may result from water that is applied at too great a rate (application rate exceeds infiltration rate) or when there is a slope.

“SMART irrigation controller” means a weather-based or soil moisture-based irrigation controller that monitors and uses information about the environmental conditions at a specific location and landscape to automatically adjust watering schedules.

“Soil moisture sensing device” or “soil moisture sensor” means a device that measures the amount of water in the soil. The device may also suspend or initiate an irrigation event.

“Soil texture” means the classification of soil based on its percentage of sand, silt, and clay.

“Special Landscaped Areas” or “SLA” means an area of the landscape dedicated solely to edible plants such as orchards and vegetable gardens, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports field, golf courses, and where turf provides a playing surface.

“Sprinkler head” means a device which delivers water through a nozzle.

“Static water pressure” means the pipeline or municipal water supply pressure when water is not flowing.

“Station” means an area served by one valve or by a set of valves that operate simultaneously.

“Swing joint” means an irrigation component that provides a flexible, leak-free connection between the emission device and lateral pipeline to allow movement in any direction and to prevent equipment damage.

“Turf” means a ground cover surface of mowed grass.

“Valve” means a device used to control the flow of water in an irrigation system.

“Water Efficient Landscape Ordinance” means Chapter 18.14 of the San Dimas Municipal Zoning Code.

“Water Efficient Landscape Worksheet” means the worksheet which calculates a site’s water budget.

“Water feature” means a design element where open water performs an aesthetic or recreational function. Water features include ponds, lakes, waterfalls, fountains, artificial streams, spas, and swimming pools (where water is artificially supplied). The surface area of water features is included in the high water use hydrozone of the landscaped area. Constructed wetlands used for on-site wastewater treatment, habitat protection, or storm water best management practices that are not irrigated and used solely for water treatment or storm water retention are not water features and, therefore, are not subject to the water budget calculation.

“WUCOLS” means the Water Use Classification of Landscape published by the University of California Cooperative Extension, the Department of Water Resources, and the Bureau of Reclamation.

DRAFT



**City of San Dimas**

245 E. Bonita Avenue

San Dimas, California 91773

(909) 394-6200, Fax (909) 394-6209

***Municipal Code Provisions Receipt***

***Applicant Portion:***

Please fill out and sign this form and return to the City of San Dimas acknowledging that you have received a copy of the San Dimas Municipal Code for your review. Please keep the enclosed law.

Date: \_\_\_\_\_

Re: *Water Efficient Landscape Ordinance*

I hereby acknowledge receiving Chapter 18.14 of the San Dimas Municipal Zoning Code and receiving the Water Efficient Landscape Guidelines.

Applicant Name: \_\_\_\_\_  
Please print name

Applicant signature: \_\_\_\_\_

Date: \_\_\_\_\_

Return this form to:

**City of San Dimas  
Development Services Department  
245 E. Bonita Avenue  
San Dimas, CA 91773-3002**

# Landscape Plan Instruction Sheet and Checklist

The following items are required to be submitted to the Development Services Department for review:

- Certification of Landscape Design;
  - Maximum Applied Water Allowance Calculation Worksheet;
  - Estimated Applied Water Use Calculation Worksheet;
  - Landscape Installation Certificate of Completion;
  - Municipal Code Provision Receipt;
  - Landscape design including information on hydrozones;
  - Irrigation design plan;
  - Irrigation schedule;
  - Soil management report;
  - Grading plan, unless grading information is included in the landscape design plan for the landscape project or unless the landscape project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.
- 

## Suggested Steps

### I. Gather Design Ideas

- Look at “Water Use Classification of Landscaped Species” (WUCOLS) found at <http://www.water.ca.gov/wateruseefficiency/docs/wucols00.pdf>
- Use WUCOLS to find plants which meets your aesthetic and water needs.
- Look at the San Dimas Water Efficient Landscape Ordinance and the accompanying Guidelines.

### II. Develop Your Plan

- Measure your property.
- Describe the setting:
  - (a) Size, slope, soil type, sun, climate, views, etc.
  - (b) What plants currently exist?

### III. Develop your design

- Develop your design with the least impact to the land and to water resources.
- Minimize grading/clearing of native vegetation.
- How will you use your landscape? What purpose will it serve?
- Minimize turf areas to the amounts of lawn you will actually use, such as that used for play or recreation.

### IV. Start making decisions about what you would like to do.

- What existing plants will you keep in place?
- What existing plants will you relocate/transplant on site?
- What existing plants will you eliminate and why?
- What type of constant ground cover will you use?
- Plan your design to retain as much water on the site as possible.
- Think about permeable products, such as porous concrete, interlocking pavers, flagstone, which allow water to infiltrate into the ground versus running off.
- Think about using light colors that reflect heat versus dark colors that absorb heat.

### V. Irrigation

- Consider using a Smart Irrigation Controller.
- Design the irrigation system to prevent runoff, over-spray, low-head drainage, etc.

### VI. Plant Selection

- Review WUCOLS before choosing plants.
- Think about plant size when full grown.
- Think about planting trees for:
  - (a) Erosion control;
  - (b) Carbon (CO<sub>2</sub>) sequestering benefits;
  - (c) Shade and cooling effects.
- Think about fire safety.
- Build in colors/textures.
- Do you need plant material that screens for privacy from neighbors, streets, or unwanted views?
- Consider microclimates/hydrozones/seasons.

# Maximum Applied Water Allowance (MAWA) Water Calculation Worksheet

This worksheet is filled out by the project applicant for each hydrozone. Attach additional sheets if necessary.

Total MAWA =  $(53.1 \times 0.7 \times LA \times 0.62)$  and/or  $(53.1 \times 1.0 \times SLA \times 0.62)$

Where:

**MAWA** = Maximum Applied Water Allowance (gallons per year)

**53.1** = The Evapotranspiration Adjustment Factor (ETo) determined by the nearest weather station, operated by California Irrigation Management Information System, located in the City of Glendora

**0.7** = Evapotranspiration Adjustment Factor

**1.0** = The Evapotranspiration Adjustment Factor for Special Landscaped Areas

**LA** = Landscaped Area in square feet

**0.62** = Conversion factor to convert acre-inches per acre per year to gallons per square foot per year

**SLA** = Special Landscaped Area (square feet) which is an area of the landscape dedicated solely to edible plants such as orchards and vegetable gardens, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports, field, golf courses, and where turf provides a playing surface

Regular Landscaped Area	LA	MAWA
Hydrozone # 1	53.1 x 0.7 x x	0.62 =
Hydrozone # 2	53.1 x 0.7 x x	0.62 =
Hydrozone # 3	53.1 x 0.7 x x	0.62 =
Hydrozone # 4	53.1 x 0.7 x x	0.62 =
Hydrozone # 5	53.1 x 0.7 x x	0.62 =

Total #1

Special Landscaped Area	SLA	MAWA
Hydrozone # 1	53.1 x 1.0 x x	0.62 =
Hydrozone # 2	53.1 x 1.0 x x	0.62 =

Total #2

<b>Total #1</b>	+	<b>Total #2</b>	=	<b>Total MAWA</b>
<input style="width: 100%; height: 20px;" type="text"/>	+	<input style="width: 100%; height: 20px;" type="text"/>	=	<input style="width: 100%; height: 20px;" type="text"/>

gallons per year

# Estimated Applied Water Use (EAWU)

$$EAWU = 53.1 \times K_L \times LA \times 0.62 \div IE$$

Where:

**EAWU** = Estimated Applied Water Use (gallons per year)

**53.1** = The Evapotranspiration Adjustment Factor (ETo) determined by the nearest weather station, operated by California Irrigation Management Information System, located in the City of Glendora

**K<sub>L</sub>** = Landscape Coefficient (see below for determining K<sub>L</sub>)

**LA** = Landscaped Area in square feet

**0.62** = Conversion factor to convert acre-inches per acre per year to gallons per square foot per year

**IE** = The standard unit for this measurement is 0.71. Greater irrigation efficiency can be expected from well designed and maintained systems. The following irrigation efficiency may be obtained from the listed irrigation heads:

Pop-up stream rotator heads: 0.75

Stream rotor heads: 0.75

Microspray: 0.75

Bubbler: 0.80

Drip emitter: 0.85

Subsurface irrigation: 0.90

## Determining the Landscape Coefficient: $K_L = K_s \times K_d \times K_{mc}$

### Species Factor (K<sub>s</sub>)

K<sub>s</sub> is determined by referring to the 2000 Water Use Classification of Landscaped Species (WUCOLS). By going to region 4 on the WUCOLS and searching for a particular plant species it can be determined if a plant uses a very low (VL), low (L), moderate (M) or high (H) amount of water. A numerical value will be assigned to each category as shown below.

High (H): 0.7 - 0.9

Moderate (M): 0.4 - 0.6

Low (L): 0.1 - 0.3

Very Low (VL): < 0.1

## Density Factor ( $K_d$ )

$K_s$  will be given a value ranging from 0.5 to 1.3 based on the following:

Average Density:	1.0
Low Density:	0.5 to 0.9
High Density:	1.1 to 1.3

### Average Density: (1.0)

Canopy cover of 70% to 100% constitutes an average condition. For shrubs or groundcovers, a canopy cover of 90% to 100% is considered to be an average condition.

### Low Density: (0.5 to 0.9)

Low density plantings are characterized largely by canopy covers less than those specified for the average density condition. For instance, a tree planting with less than 70% canopy cover would be assigned a  $K_d$  value less than 1.0. The precise value assigned (between 0.5 and 0.9) would be based on the canopy cover assessment: a lower  $K_d$  value for a thinner canopy cover.

Plantings with mixed vegetation types generally have greater canopy covers than those of a single type. For instance, a groundcover planting with a canopy cover of 50% constitutes a low density condition and a  $K_d$  of 0.7 might be assigned. If an occasional tree occurs in the planting, then the principal effect is one of increasing canopy cover, and an upward adjustment in  $K_d$  to 0.8 or 0.9 would be warranted.

### High Density: (1.1 to 1.3)

When canopy cover is full for any vegetation type, then increases in density result from increases in the number of plants of other vegetation types. For example, by adding trees to a mature groundcover planting (groundcover canopy cover = 100%), an increase in vegetation density occurs. The addition of shrubs to the planting further increases the density. This mix of vegetation types creates a layering or tiering of vegetation which represents potential increases in water loss. Upward adjustment of  $K_d$  can be made to account for vegetation tiering. The highest density condition, where all three vegetation types occur in substantial numbers in a planting, would be assigned a  $K_d$  of 1.3. In plantings where lesser degrees of vegetation of tiering occurs (e.g. a two-tiered planting), then a  $K_d$  value of 1.1 or 1.2 is appropriate.

## Microclimate Factor ( $K_{mc}$ )

$K_{mc}$  will be given a value ranging from 0.5 to 1.3 based on the following:

Low:	0.5 to 0.9
Average:	1.0
High:	1.1 to 1.4

### Average Microclimate: (1.0)

Site conditions equivalent to those used for reference evapotranspiration measurements represent an average microclimate. Reference evapotranspiration is measured in an open-field setting which is not exposed to extraordinary winds or heat inputs from nearby buildings, structures, or vehicles. Large plantings of groundcover, groves of trees, and mixtures of shrubs, turf, and trees in relatively open areas represent examples of an average microclimate conditions. Areas with adjacent buildings, extensive hardscapes, or exposed to extraordinary winds would not be included in this category.

### Low Microclimate: (0.5 to 0.9)

Sites which are shaded or protected from winds typical to the area are considered to be in the low microclimate category. Features of the site modify the microclimate such that evaporative conditions are less than those found in the average microclimate. Plantings located on the north side or northeast side of buildings, shaded by overhead structures, or within courtyard settings are typically assigned a  $K_{mc}$  value in the low range. Plantings protected from winds by buildings, structures, or other vegetations also would be assigned to the low category. The specific value assigned for the microclimate factor will depend on the specific site conditions. For example, a planting in a courtyard which is shaded most of the day and protected from winds may be assigned a value of 0.6, while a similar planting located on the northeast side of a building may be assigned a value of 0.8.

### High Microclimate: (1.1 to 1.4)

Sites which are exposed to direct winds typical for the area, heat inputs from nearby sources, and/or reflected light would be considered to be in the high microclimate category. These features of the site increase evaporative conditions above those found in an average microclimate condition. Plantings located in medians, parking lots, or adjacent to south or southwest-facing walls which are exposed to higher canopy temperatures than those found in a well-vegetated setting would be in the high category. Plantings in wind tunnel locations and those receiving reflected light from nearby windows, cars, or other reflective surfaces are also in high microclimate conditions. The specific value assigned will depend on the specific conditions. For example, a shrub planting located next to a southwest-facing wall may be assigned a  $K_{mc}$  value of 1.2, while a similar planting next to a southwest wall which is composed of reflective glass and is exposed to extraordinary winds may be assigned a value of 1.4.

Summary Table  
Values for Landscape Coefficient Factors

	High	Moderate	Low	Very Low
Species Factor ( $K_s$ )	0.7 - 0.9	0.4 - 0.6	0.1 - 0.3	< 0.1
Density ( $K_d$ )	1.1 - 1.3	1.0	0.5 - 0.9	
Microclimate ( $K_{mc}$ )	1.1 - 1.4	1.0	0.5 - 0.9	



# Estimated Applied Water Use Worksheet

This worksheet is filled out by the project applicant for each hydrozone. Attach additional sheets if necessary.

$$EAWU = 53.1 \times K_L \times LA \times 0.62 \div IE$$

Where:

**EAWU** = Estimated Applied Water Use (gallons per year)

**53.1** = The Evapotranspiration Adjustment Factor (ETo) determined by the nearest weather station, operated by California Irrigation Management Information System, located in the City of Glendora

**K<sub>L</sub>** = Landscape Coefficient

**LA** = Landscaped Area in square feet

**0.62** = Conversion factor to convert acre-inches per acre per year to gallons per square foot per year

**IE** = The standard unit for this measurement is 0.71. Greater irrigation efficiency can be expected from well designed and maintained systems. The following irrigation efficiency may be obtained from the listed irrigation heads:

Pop-up stream rotator heads:	0.75
Stream rotor heads:	0.75
Microspray:	0.75
Bubbler:	0.80
Drip emitter:	0.85
Subsurface irrigation:	0.90

## Irrigation Devices

List sprinkler heads, microspray, and drip emitters here along with average precipitation rate and Distribution Uniformity of Irrigation Head.

Sprinkler Head Types	Irrigation Efficiency (IE)	Other Irrigation Devices	Irrigation Efficiency (IE)
Drip			
Microspray			
Bubbler			
Low precipitation rotating nozzles			
Stream rotors			

## Estimated Applied Water Use

Species	K <sub>t</sub>	K <sub>a</sub>	K <sub>e</sub>	K <sub>l</sub>	K <sub>u</sub>	K <sub>v</sub>	K <sub>w</sub>	K <sub>x</sub>	K <sub>y</sub>	K <sub>z</sub>	K <sub>1</sub>	K <sub>2</sub>	K <sub>3</sub>	K <sub>4</sub>	K <sub>5</sub>	K <sub>6</sub>	K <sub>7</sub>	K <sub>8</sub>	K <sub>9</sub>	K <sub>10</sub>	K <sub>11</sub>	K <sub>12</sub>	K <sub>13</sub>	K <sub>14</sub>	K <sub>15</sub>	K <sub>16</sub>	K <sub>17</sub>	K <sub>18</sub>	K <sub>19</sub>	K <sub>20</sub>	K <sub>21</sub>	K <sub>22</sub>	K <sub>23</sub>	K <sub>24</sub>	K <sub>25</sub>	K <sub>26</sub>	K <sub>27</sub>	K <sub>28</sub>	K <sub>29</sub>	K <sub>30</sub>	K <sub>31</sub>	K <sub>32</sub>	K <sub>33</sub>	K <sub>34</sub>	K <sub>35</sub>	K <sub>36</sub>	K <sub>37</sub>	K <sub>38</sub>	K <sub>39</sub>	K <sub>40</sub>	K <sub>41</sub>	K <sub>42</sub>	K <sub>43</sub>	K <sub>44</sub>	K <sub>45</sub>	K <sub>46</sub>	K <sub>47</sub>	K <sub>48</sub>	K <sub>49</sub>	K <sub>50</sub>	K <sub>51</sub>	K <sub>52</sub>	K <sub>53</sub>	K <sub>54</sub>	K <sub>55</sub>	K <sub>56</sub>	K <sub>57</sub>	K <sub>58</sub>	K <sub>59</sub>	K <sub>60</sub>	K <sub>61</sub>	K <sub>62</sub>	K <sub>63</sub>	K <sub>64</sub>	K <sub>65</sub>	K <sub>66</sub>	K <sub>67</sub>	K <sub>68</sub>	K <sub>69</sub>	K <sub>70</sub>	K <sub>71</sub>	K <sub>72</sub>	K <sub>73</sub>	K <sub>74</sub>	K <sub>75</sub>	K <sub>76</sub>	K <sub>77</sub>	K <sub>78</sub>	K <sub>79</sub>	K <sub>80</sub>	K <sub>81</sub>	K <sub>82</sub>	K <sub>83</sub>	K <sub>84</sub>	K <sub>85</sub>	K <sub>86</sub>	K <sub>87</sub>	K <sub>88</sub>	K <sub>89</sub>	K <sub>90</sub>	K <sub>91</sub>	K <sub>92</sub>	K <sub>93</sub>	K <sub>94</sub>	K <sub>95</sub>	K <sub>96</sub>	K <sub>97</sub>	K <sub>98</sub>	K <sub>99</sub>	K <sub>100</sub>	K <sub>101</sub>	K <sub>102</sub>	K <sub>103</sub>	K <sub>104</sub>	K <sub>105</sub>	K <sub>106</sub>	K <sub>107</sub>	K <sub>108</sub>	K <sub>109</sub>	K <sub>110</sub>	K <sub>111</sub>	K <sub>112</sub>	K <sub>113</sub>	K <sub>114</sub>	K <sub>115</sub>	K <sub>116</sub>	K <sub>117</sub>	K <sub>118</sub>	K <sub>119</sub>	K <sub>120</sub>	K <sub>121</sub>	K <sub>122</sub>	K <sub>123</sub>	K <sub>124</sub>	K <sub>125</sub>	K <sub>126</sub>	K <sub>127</sub>	K <sub>128</sub>	K <sub>129</sub>	K <sub>130</sub>	K <sub>131</sub>	K <sub>132</sub>	K <sub>133</sub>	K <sub>134</sub>	K <sub>135</sub>	K <sub>136</sub>	K <sub>137</sub>	K <sub>138</sub>	K <sub>139</sub>	K <sub>140</sub>	K <sub>141</sub>	K <sub>142</sub>	K <sub>143</sub>	K <sub>144</sub>	K <sub>145</sub>	K <sub>146</sub>	K <sub>147</sub>	K <sub>148</sub>	K <sub>149</sub>	K <sub>150</sub>	K <sub>151</sub>	K <sub>152</sub>	K <sub>153</sub>	K <sub>154</sub>	K <sub>155</sub>	K <sub>156</sub>	K <sub>157</sub>	K <sub>158</sub>	K <sub>159</sub>	K <sub>160</sub>	K <sub>161</sub>	K <sub>162</sub>	K <sub>163</sub>	K <sub>164</sub>	K <sub>165</sub>	K <sub>166</sub>	K <sub>167</sub>	K <sub>168</sub>	K <sub>169</sub>	K <sub>170</sub>	K <sub>171</sub>	K <sub>172</sub>	K <sub>173</sub>	K <sub>174</sub>	K <sub>175</sub>	K <sub>176</sub>	K <sub>177</sub>	K <sub>178</sub>	K <sub>179</sub>	K <sub>180</sub>	K <sub>181</sub>	K <sub>182</sub>	K <sub>183</sub>	K <sub>184</sub>	K <sub>185</sub>	K <sub>186</sub>	K <sub>187</sub>	K <sub>188</sub>	K <sub>189</sub>	K <sub>190</sub>	K <sub>191</sub>	K <sub>192</sub>	K <sub>193</sub>	K <sub>194</sub>	K <sub>195</sub>	K <sub>196</sub>	K <sub>197</sub>	K <sub>198</sub>	K <sub>199</sub>	K <sub>200</sub>	K <sub>201</sub>	K <sub>202</sub>	K <sub>203</sub>	K <sub>204</sub>	K <sub>205</sub>	K <sub>206</sub>	K <sub>207</sub>	K <sub>208</sub>	K <sub>209</sub>	K <sub>210</sub>	K <sub>211</sub>	K <sub>212</sub>	K <sub>213</sub>	K <sub>214</sub>	K <sub>215</sub>	K <sub>216</sub>	K <sub>217</sub>	K <sub>218</sub>	K <sub>219</sub>	K <sub>220</sub>	K <sub>221</sub>	K <sub>222</sub>	K <sub>223</sub>	K <sub>224</sub>	K <sub>225</sub>	K <sub>226</sub>	K <sub>227</sub>	K <sub>228</sub>	K <sub>229</sub>	K <sub>230</sub>	K <sub>231</sub>	K <sub>232</sub>	K <sub>233</sub>	K <sub>234</sub>	K <sub>235</sub>	K <sub>236</sub>	K <sub>237</sub>	K <sub>238</sub>	K <sub>239</sub>	K <sub>240</sub>	K <sub>241</sub>	K <sub>242</sub>	K <sub>243</sub>	K <sub>244</sub>	K <sub>245</sub>	K <sub>246</sub>	K <sub>247</sub>	K <sub>248</sub>	K <sub>249</sub>	K <sub>250</sub>	K <sub>251</sub>	K <sub>252</sub>	K <sub>253</sub>	K <sub>254</sub>	K <sub>255</sub>	K <sub>256</sub>	K <sub>257</sub>	K <sub>258</sub>	K <sub>259</sub>	K <sub>260</sub>	K <sub>261</sub>	K <sub>262</sub>	K <sub>263</sub>	K <sub>264</sub>	K <sub>265</sub>	K <sub>266</sub>	K <sub>267</sub>	K <sub>268</sub>	K <sub>269</sub>	K <sub>270</sub>	K <sub>271</sub>	K <sub>272</sub>	K <sub>273</sub>	K <sub>274</sub>	K <sub>275</sub>	K <sub>276</sub>	K <sub>277</sub>	K <sub>278</sub>	K <sub>279</sub>	K <sub>280</sub>	K <sub>281</sub>	K <sub>282</sub>	K <sub>283</sub>	K <sub>284</sub>	K <sub>285</sub>	K <sub>286</sub>	K <sub>287</sub>	K <sub>288</sub>	K <sub>289</sub>	K <sub>290</sub>	K <sub>291</sub>	K <sub>292</sub>	K <sub>293</sub>	K <sub>294</sub>	K <sub>295</sub>	K <sub>296</sub>	K <sub>297</sub>	K <sub>298</sub>	K <sub>299</sub>	K <sub>300</sub>	K <sub>301</sub>	K <sub>302</sub>	K <sub>303</sub>	K <sub>304</sub>	K <sub>305</sub>	K <sub>306</sub>	K <sub>307</sub>	K <sub>308</sub>	K <sub>309</sub>	K <sub>310</sub>	K <sub>311</sub>	K <sub>312</sub>	K <sub>313</sub>	K <sub>314</sub>	K <sub>315</sub>	K <sub>316</sub>	K <sub>317</sub>	K <sub>318</sub>	K <sub>319</sub>	K <sub>320</sub>	K <sub>321</sub>	K <sub>322</sub>	K <sub>323</sub>	K <sub>324</sub>	K <sub>325</sub>	K <sub>326</sub>	K <sub>327</sub>	K <sub>328</sub>	K <sub>329</sub>	K <sub>330</sub>	K <sub>331</sub>	K <sub>332</sub>	K <sub>333</sub>	K <sub>334</sub>	K <sub>335</sub>	K <sub>336</sub>	K <sub>337</sub>	K <sub>338</sub>	K <sub>339</sub>	K <sub>340</sub>	K <sub>341</sub>	K <sub>342</sub>	K <sub>343</sub>	K <sub>344</sub>	K <sub>345</sub>	K <sub>346</sub>	K <sub>347</sub>	K <sub>348</sub>	K <sub>349</sub>	K <sub>350</sub>	K <sub>351</sub>	K <sub>352</sub>	K <sub>353</sub>	K <sub>354</sub>	K <sub>355</sub>	K <sub>356</sub>	K <sub>357</sub>	K <sub>358</sub>	K <sub>359</sub>	K <sub>360</sub>	K <sub>361</sub>	K <sub>362</sub>	K <sub>363</sub>	K <sub>364</sub>	K <sub>365</sub>	K <sub>366</sub>	K <sub>367</sub>	K <sub>368</sub>	K <sub>369</sub>	K <sub>370</sub>	K <sub>371</sub>	K <sub>372</sub>	K <sub>373</sub>	K <sub>374</sub>	K <sub>375</sub>	K <sub>376</sub>	K <sub>377</sub>	K <sub>378</sub>	K <sub>379</sub>	K <sub>380</sub>	K <sub>381</sub>	K <sub>382</sub>	K <sub>383</sub>	K <sub>384</sub>	K <sub>385</sub>	K <sub>386</sub>	K <sub>387</sub>	K <sub>388</sub>	K <sub>389</sub>	K <sub>390</sub>	K <sub>391</sub>	K <sub>392</sub>	K <sub>393</sub>	K <sub>394</sub>	K <sub>395</sub>	K <sub>396</sub>	K <sub>397</sub>	K <sub>398</sub>	K <sub>399</sub>	K <sub>400</sub>	K <sub>401</sub>	K <sub>402</sub>	K <sub>403</sub>	K <sub>404</sub>	K <sub>405</sub>	K <sub>406</sub>	K <sub>407</sub>	K <sub>408</sub>	K <sub>409</sub>	K <sub>410</sub>	K <sub>411</sub>	K <sub>412</sub>	K <sub>413</sub>	K <sub>414</sub>	K <sub>415</sub>	K <sub>416</sub>	K <sub>417</sub>	K <sub>418</sub>	K <sub>419</sub>	K <sub>420</sub>	K <sub>421</sub>	K <sub>422</sub>	K <sub>423</sub>	K <sub>424</sub>	K <sub>425</sub>	K <sub>426</sub>	K <sub>427</sub>	K <sub>428</sub>	K <sub>429</sub>	K <sub>430</sub>	K <sub>431</sub>	K <sub>432</sub>	K <sub>433</sub>	K <sub>434</sub>	K <sub>435</sub>	K <sub>436</sub>	K <sub>437</sub>	K <sub>438</sub>	K <sub>439</sub>	K <sub>440</sub>	K <sub>441</sub>	K <sub>442</sub>	K <sub>443</sub>	K <sub>444</sub>	K <sub>445</sub>	K <sub>446</sub>	K <sub>447</sub>	K <sub>448</sub>	K <sub>449</sub>	K <sub>450</sub>	K <sub>451&lt;/</sub>
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# Certification of Landscape Design

To be completed and signed by a licensed landscape architect, licensed landscape contractor or any other person authorized to design a landscape.

Project Information Sheet		
Date:	Project Name:	
Name of Project Applicant:		
Profession:	License No.	
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

Project Address and Location		
Street Address:		
City:	State:	Zip:
Parcel, tract, or lot number, if available:		

Property Owner or his/her Designee		
Name:		
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

I hereby certify that:

- (1) I am a professional appropriately licensed in the State of California to provide professional landscape design services.
- (2) The landscape design and water use calculations for the identified property were prepared by me or under my supervision.
- (3) The landscape design and water use calculations for the identified property comply with the requirements of the City of San Dimas Water Efficient Landscape Chapter 18.14 and the City of San Dimas Guidelines for Implementation of the City of San Dimas Water Efficient Landscape Ordinance.
- (4) The information I have provided in this Certificate of Landscape Design is true and correct and is hereby submitted in compliance with the City of San Dimas Guidelines for Implementation of the City of San Dimas Water Efficient Landscape Ordinance.

\_\_\_\_\_

Signature

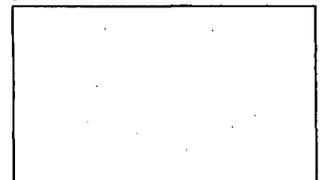
\_\_\_\_\_

Date

\_\_\_\_\_

Print Name

Landscape Design Professional's Stamp  
(if applicable)



# Landscape Installation Certificate of Completion

To be completed and signed by a licensed landscape architect, licensed landscape contractor or any other person authorized to design a landscape.

Project Information Sheet		
Date:	Project Name:	
Name of Project Applicant:		
Profession:	License No.	
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

Project Address and Location		
Street Address:		
City:	State:	Zip:
Parcel, tract, or lot number, if available:		

Property Owner or his/her Designee		
Name:		
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

I hereby certify that:

- (1) I am a professional appropriately licensed in the State of California to provide professional landscape design services.
- (2) The landscape project for the identified project was installed by me or under my supervision.
- (3) The landscaping for the identified property has been installed in substantial conformance with the approved Landscape Documentation Package and complies with the requirements of the City of San Dimas Water Efficient Landscape Chapter 18.14 and the City of San Dimas Guidelines for implementation of the Ordinance for the efficient use of water in the landscape.
- (4) The information I have provided in this Landscape Installation Certificate of Completion is true and correct and is hereby submitted in compliance with the City of San Dimas Guidelines for Implementation of the Water Efficient Landscape Chapter 18.14.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

Landscape Design Professional's Stamp  
(if applicable)

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## Agenda Item Staff Report

**DATE:** February 17, 2010

**TO:** Planning Commission

**FROM:** Community Development

**SUBJECT:** MUNICIPAL CODE TEXT AMENDMENT 10-01 – Revising, in its entirety, the Water Efficient Landscape Ordinance to comply with new State requirements.

### **SUMMARY**

*Staff is recommending amending Chapter 18.14 of the Zoning Code, titled Water Efficient Landscapes, in order to bring the Municipal Code into conformity with the latest version of the updated State Model Landscape Ordinance.*

### **Background**

In 1992, the State of California enacted the Water Conservation in Landscaping Act, (AB 325) requiring the adoption of a water efficient landscape ordinance by cities and counties throughout the state. To assist local agencies, the California Department of Water Resources (DWR) developed a Model Water Efficient Landscape Ordinance that established water efficient landscape design standards for urban landscapes. This Model Ordinance served as a template for local agencies to utilize in the development of their own local water efficient landscape ordinance. Cities could adopt the DWR model ordinance outright, modify it to meet a city's local needs, or adopt an entirely different ordinance. In 1993 the City of San Dimas adopted Chapter 18.14 titled Water-Efficient Landscapes to be in compliance with AB 325.

In 2004, the legislature passed Assembly Bill 2717 establishing a stakeholder based Landscape Taskforce charged with formulating recommendations to improve irrigation efficiency in new and existing landscapes and to report their findings to the governor and legislature. The report titled, "Water Smart Landscapes for California: AB 2717 Landscape Task Force Findings, Recommendations, & Actions" contained 43 recommendations to achieve greater landscape water use efficiency.

In 2006, the Governor signed Assembly Bill 1881 amending the Water Conservation Landscape Act. The bill requires two new things: (1) DWR is to update the original Model Water Efficient Landscape Ordinance; and (2) cities and counties are to update

their local Landscape Ordinances by January 1, 2010 so that they are "at least as effective as" DWR's updated Model Ordinance. Because of the new "at least as effective as" clause, meeting the requirements of AB 1881 will result in significant changes to most landscape ordinances in the State.

### **Analysis of New Requirements**

There are significant differences between the existing requirements and the new requirements for water efficient landscapes. The new requirements include the following:

1. All landscaping would be subject to a "Maximum Applied Water Allowance", which is the upper limit of annual applied water for an established landscape area, based on the evaporation factor for the geographic area;
2. Requires the applicant to submit (prior to construction) a Landscape Documentation Package;
3. A "Certification of Landscape Design" stating that all landscaping will be compliant with the Water Efficient Landscape Ordinance must be signed by a licensed landscape architect, licensed landscape contractor or any other person authorized to design a landscape;
4. A soil management plan is required to ensure that soil conditions are suitable to accommodate plant growth with water conservation;
5. Requires that an irrigation plan be submitted to the City for approval;
6. Compliance is now required from homeowner-provided landscaping at single family and multifamily projects;
7. Collaboration between the City and the local water purveyor is now strongly encouraged in the creation of a landscaping plan;
8. Landscape professionals must utilize an evapotranspiration based "Maximum Applied Water Allowance" (MAWA) rate of 0.7;
9. The City is now required to regulate existing landscapes for water waste.

### **Applicable Projects**

1. New landscape installations or landscape rehabilitation projects by public agencies or private non-residential developers with a landscaped area, including swimming pools or other water features, but excluding hardscape equal to or greater than 2,500 square feet, and which are otherwise subject to a discretionary approval of a landscape plan, or which otherwise require a permit for a landscape or water feature;
2. New landscape installations or landscape rehabilitation projects by developers for property managers of single-family and multi-family residential projects or complexes with a landscaped area, including swimming pools or other water features but excluding hardscape, equal to or greater than 2,500 square feet, and which are otherwise subject to a discretionary approval of a landscape plan, or which otherwise require a permit for a landscape or water feature;
3. New landscape installation projects by individual homeowners on single-family or multi-family residential lots with a total project landscaped area, including pools

or other water features but excluding hardscape, equal to or greater than 5,000 square feet, and which are otherwise subject to a discretionary approval of a landscape plan, or which otherwise require a permit for a landscape or water feature;

4. Existing landscapes that are one acre or more shall not exceed their Maximum Applied Water Allowance.
5. Special Landscaped Areas, such as areas dedicated to edible plants, irrigated with recycled water, or dedicated to active play, shall prepare a water efficient landscape worksheet and landscape documentation package according to specifications for Special Landscaped Areas;
6. New and rehabilitated cemeteries shall be required to comply with the Water Efficient Landscape Ordinance. Existing cemeteries are limited to preparing a water efficient landscape worksheet according to the specifications for existing landscapes;
7. Irrigation of all existing landscaped areas shall be conducted in a manner conforming to the rules and requirements, and shall be subject to penalties and incentives for water conservation and water waste prevention as determined and implemented by the local water purveyor or as mutually agreed by the local water purveyor and the City of San Dimas. All landscaped areas of one acre or more shall not exceed their Maximum Applied Water Allowance (MAWA).

### **Existing Landscapes**

Under this ordinance the following shall apply to all landscapes:

1. All landscape areas, whether installed pursuant to this chapter or not, shall be maintained in a healthful and sound condition. Irrigation systems and their components shall be maintained in a fully functional manner consistent with the originally approved design and the provisions of this chapter.
2. Landscapes shall be maintained to ensure water efficiency. A regular maintenance schedule should include but not be limited to checking, adjusting, and repairing irrigation equipment; resetting the automatic controller; aerating and dethatching turf areas; replenishing mulch; fertilizing; pruning; and weeding in all landscaped areas.
3. Waste water resulting from inefficient landscape irrigation leading to excessive runoff, low head drainage, overspray, and other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways or structures is prohibited.

### **Proposed Ordinance**

The State of California has created a model ordinance which will take effect if the City does not pass its own ordinance. Staff feels that the State's ordinance is confusing and not user friendly. The State Model contains both policy issues and technical procedures combined in one document. Staff feels it would be more practical to separate the policy issues and the technical procedures into two documents. One document would be a set

of guidelines which contain the technical requirements and the second document would be the ordinance enforcing compliance of the guidelines. Staff finds this advantageous because due to the complexity of the new state requirements it is likely that changes and adjustments will need to be made during the early stages of implementation. It will be much easier to make technical changes to the Guidelines than it will be to make changes to a zoning ordinance.

The proposed ordinance will support current conservation efforts as well as comply with State regulations. Rather than providing lists of plants or dictating plants that must be used, the ordinance provides a way of calculating water use by specific categories of plants based on state research on plant water factors. The ordinance establishes a formula to calculate a minimum water budget (Maximum Applied Water Allowance) for the project based on landscaped area and local climate conditions. A second calculation based on proposed plants and their water needs (Estimated Applied Water Use) demonstrates whether the design meets the allowable water budget or needs to be revised to provide more water conserving plants species.

### **Artificial Turf**

The proposed ordinance gives the option of installing artificial turf as part of the landscaping. A typical residence (with about 750 square feet of turf) can save approximately 22,000 gallons of water per year by replacing grass with artificial turf. Artificial turf also requires no fertilizer, pesticides, or mowing and reduces urban runoff caused by irrigation. It also cuts down on the amount of green waste, like lawn clippings, going into landfills.

Artificial turf is designed to handle water in the same way that natural grass does. It is designed with channels of permeability over the entire surface of the backing. Any water landing upon the grass fiber surface has the capability of being absorbed by the ground.

Anyone wishing to install artificial turf on new or existing landscapes will have to meet the following requirements:

1. Artificial turf shall consist of lifelike individual blades of grass that emulate real grass in look and color and have a minimum pile height of 1  $\frac{3}{4}$  inches.
2. Artificial turf shall be prepared in a manner that allows water to permeate and pass through the turf so as not to cause runoff onto adjacent properties, flooding, or pooling of water.
3. Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn.
4. The use of indoor or outdoor plastic or nylon carpeting as a replacement for artificial turf or natural turf shall be prohibited.
5. Artificial turf shall be installed in combination with only natural plant materials (i.e. trees, shrubs, and groundcover) to enhance the overall landscaping design.
6. Artificial turf must be professionally installed by a licensed company.

7. Artificial turf which looks worn or faded must be replaced or repaired.

### **Certification**

As part of the normal plan check process, staff would notify an applicant regarding compliance with the ordinance if the project falls into one of the applicable project categories. A Water Efficient Landscape and Irrigation Application Package would be provided which details all items required for compliance with the ordinance.

The first step for compliance would be submittal of a Landscape Documentation Package that includes the landscape and irrigation design, the calculation for the Maximum Applied Water Allowance (MAWA) and Estimated Applied Water Use (EAWU) to verify that the design does not exceed the water budget, a soil sample analysis, and a grading plan to show how the site will handle runoff and how slope areas would be landscaped. A grading plan would be required if the project proposes to move over 50 cubic yards of earth. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.

When a project is ready for final inspection, the applicant must submit a Certificate of Completion Package to verify that the landscape and irrigation were installed pursuant to the approved plans and that the system operates within the parameters of the MAWA. The checklist and forms for the Certificate of Completion Package are included in the Water Efficient Landscape Application provided to the applicant at the beginning of the project. Upon completion of a landscape project, the applicant must submit the following items for approval of the installation:

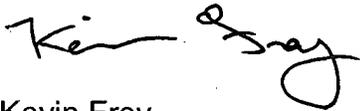
- "Certificate of Completion" form signed by the applicant;
- "Certification of Installation" form signed by the landscape designer or installer;
- Irrigation Schedule;
- Soil analysis;
- Water Efficient Landscape Worksheet;
- Grading or drainage plan.

### **Staff Recommendation**

Staff recommends that the Planning Commission recommend approval to the City Council, of MCTA 10-01, an amendment to Title 18 of the San Dimas Municipal Zoning Code that would replace Chapter 18.14 entitled Water Efficient Landscapes, in its entirety, with a new Chapter 18.14 of the same name.

Staff also recommends that the Planning Commission comment on the Draft Guidelines which will be brought at a later date.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Kevin Frey". The signature is written in a cursive style with a large, looping "y" at the end.

Kevin Frey  
Administrative Aide

Exhibit A: Draft Planning Commission Resolution recommending approval of the Water Efficient Landscape Ordinance Guidelines

Exhibit B: Draft Water Efficient Landscape Ordinance Guidelines

Planning Commission Resolution PC-1411 recommending approval of the Water Efficient Landscape Ordinance

ATTACHMENT C

**RESOLUTION PC-1411**

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SAN DIMAS RECOMMENDING APPROVAL OF MUNICIPAL CODE TEXT AMENDMENT 10-01, A REQUEST TO AMEND TITLE 18 CHAPTER 14 OF THE SAN DIMAS MUNICIPAL ZONING CODE

WHEREAS, an Amendment to the San Dimas Municipal Code has been duly initiated by the City of San Dimas;

WHEREAS, the Amendment is described as a request to Amend Title 18 Chapter 14;

WHEREAS, the Amendment would affect the entire City of San Dimas;

WHEREAS, notice was duly given of the public hearing on the matter and that public hearing was held on Wednesday February 17, 2010 at the hour of 7:00 p.m., with all testimony received being made a part of the public record; and

WHEREAS, all requirements of the California Environmental Quality Act and the City's Environmental Guidelines have been met for the consideration of whether the project will have a significant effect on the environment. The project has been deemed to be a categorical exemption.

NOW, THEREFORE, in consideration of the evidence received at the hearing, and for the reasons discussed by the Commissioners at the hearing, the Planning Commission now finds as follows:

- A. The proposed Municipal Code Text Amendment will not adversely affect adjoining property as to value, precedent, or be detrimental to the area.
- B. The proposed Municipal Code Text Amendment will further the public health, safety, and general welfare.
- C. The proposed Municipal Code Text Amendment is consistent with the General Plan.

PURSUANT TO THE ABOVE FINDINGS, IT IS RESOLVED that the Planning Commission recommends to the City Council approval of Municipal Code Text Amendment 10-01 as follows:

**Section 1.** Delete the existing Chapter 18.14, Water-Efficient Landscapes and replace, in its entirety, with the ordinance as shown in attached Exhibit A:

PASSED, APPROVED and ADOPTED, the 17 day of February 2010, by the following vote:

AYES: Bratt, Rahi, Schoonover

NOES: None

ABSENT: Davis, Ensberg

ABSTAIN: None

  
\_\_\_\_\_  
Jim Schoonover, Chairman  
San Dimas Planning Commission

ATTEST:

  
\_\_\_\_\_  
Dan Coleman, Director of Development Services

### PUBLIC HEARINGS

3. CONSIDERATION OF MUNICIPAL CODE TEXT AMENDMENT 10-01 – A Request to amend Chapter 18.14 of the City's Municipal Zoning Code, regarding Water Efficient Landscaping, to bring the City in compliance with SB 1881.

Staff report presented by *Administrative Aide Kevin Frey* who outlined the legislative history of the Water Conservation in Landscaping Act, initially adopted in 1992, and the City's ordinance adopted in 1993 in response to that Act. He described the significant changes made in the new requirements and how they would apply not only to developers and public agencies, but also individual homeowners if the landscape area was equal to or greater than 5,000 square feet. The State of California has created a model ordinance that would be effective if the City does not pass its own ordinance. Staff feels the State's ordinance is confusing and not user friendly as it contains both policy issues and technical procedures. Staff's recommendation is to create a separate document containing the technical requirements and a zoning ordinance which would enforce compliance of the guidelines.

*Administrative Aide Frey* stated the proposed ordinance will support current conservation efforts as well as comply with State regulations and went over how the ordinance provides a method for calculating water use by specific categories of plants based on state research on plant water factors. The ordinance establishes a formula to calculate a minimum water budget for the project based on landscaped area and local climate conditions. The proposed ordinance gives the option of installing artificial turf as part of the landscaping. A typical residence can save approximately 22,000 gallons of water per year by replacing grass and went over the requirements for artificial turf.

He stated Staff will notify an applicant during the plan check process if their project falls into one of the applicable project categories and provide them with a Water Efficient Landscape and Irrigation Application Package which will detail the requirements of the ordinance. He explained the review and inspection process to ensure that the landscaping plan operates within the parameters of the Maximum Applied Water Allowance.

Staff recommends the Planning Commission recommend approval to the City Council of M.C.T.A. 10-01 and provide comment on the Draft Guidelines, which will be brought back at a later date.

*Commissioner Rahi* asked if there was a method used to identify the minimum square footage requirement which would activate this ordinance. He asked if there were any issues with being past the required adoption date of January 1, 2010, and if the City currently prohibits artificial turf.

*Administrative Aide Frey* stated the State held workshops with interested parties and the square footage requirement was derived from the recommendations from the participants. He stated it wasn't an issue that the City has not adopted its own ordinance yet, and explained that until they do, projects are subject to the State's ordinance. As to artificial turf, the Municipal Code is silent on that topic.

*Assistant City Manager Larry Stevens* stated the use of artificial turf has been discouraged in the past since the quality available was questionable, but the Council has indicated at recent retreats that they wanted Staff to revisit the topic to see if some flexibility could be built into the standards.

Chairman Schoonover opened the meeting for public hearing. Addressing the Commission was:

**Ted Ross, 1152 Via Verde, #193**, who stated it was his understanding that Homeowners Associations have to comply with this ordinance, and felt if someone wanted to install artificial turf, the Association couldn't deny it.

**Assistant City Manager Stevens** stated the Association could submit a letter saying they have reviewed the application for artificial turf, and if they have found a problem with it, the City can consider it. The City has put in guidelines in regards to artificial turf, not the State, and since it is not a requirement of the State's ordinance, he felt the HOA could set guidelines.

**Ted Ross** stated there are many lawsuits in other cities regarding artificial turf and felt this could be a problem down the road. He stated he is also concerned because now it looks like it has to be removed every ten years because of wear of the material, and that lead is being used in the color dyes.

**Assistant City Manager Stevens** stated the way this ordinance is structured, if there are too many concerns at this time, the section on artificial turf can be deleted, or the Commission can make a recommendation. Staff is concerned that there are so many varieties and differences in quality they want to make sure there are high standards in place.

There being no further comments, the public hearing was closed.

**Commissioner Rahi** stated he thought HOA's might have a problem with regulations on artificial turf and asked if they were aware of this proposed option and if any notification was done.

**Assistant City Manager Stevens** stated Staff could process a submittal from a resident in an HOA the way they do now for a development application, which is to require a letter stating the HOA approves the change. If the resident refuses to submit to the HOA, the City can approve based on compliance with the ordinance, and then it would be up to the HOA and the homeowner to resolve their differences as a civil matter. Staff only did the normal notification required for this amendment, but could send a letter to the HOA's if the Commission would like their input. He stated unless an association has updated their landscaping guidelines, they are probably silent on the topic of artificial turf.

**Director of Development Services Dan Coleman** stated it might take up to a month or more to get a response from the HOA's since the boards only meet once a month.

**Assistant City Manager Stevens** stated the landscape guidelines are mandated but artificial turf is something the City added and is discretionary. Staff can remove the section on artificial turf and bring that back as a separate item for consideration, and the landscaping requirements could move forward.

**Commissioner Bratt** did not think artificial turf was going to be a burning issue for HOA's and, in most cases, the landscaping around the house is the HOA's responsibility and not the homeowner's. These are just guidelines and felt it would still give the HOA's an opportunity to object.

**Chairman Schoonover** didn't think artificial turf was an issue at this time, and there was a method for someone to come in and discuss it.

RESOLUTION PC-1411

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SAN DIMAS RECOMMENDING APPROVAL OF MUNICIPAL CODE TEXT AMENDMENT 10-01, TO AMEND CHAPTER 18.14 OF THE CITY'S MUNICIPAL ZONING CODE

**MOTION:** Moved by Bratt, seconded by Rahi to approve Resolution PC-1411 recommending the City Council approve Municipal Code Text Amendment 10-01. Motion carried 3-0-2 (Davis, Ensberg absent).

**COMMISSION BUSINESS**

4. **CONSIDERATION OF RULES OF PROCEDURE FOR PLANNING COMMISSION BUSINESS**

**Director of Development Services Dan Coleman** stated that the Planning Commission deals with a wide range of issues and the Municipal Code requires that the Commission adopt a resolution of rules and procedures. The proposed resolution contains many of the past practices of the Commission; this action is to formalize what is already in place.

RESOLUTION PC-1413

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SAN DIMAS ADOPTING RULES OF PROCEDURE FOR THE CONDUCT OF PLANNING COMMISSION MEETINGS

**MOTION:** Moved by Rahi, seconded by Bratt to approve Resolution PC-1413 adopting Rules of Procedure. Motion carried 3-0-2 (Davis, Ensberg absent).

**ORAL COMMUNICATION**

5. **Planning Manager**

**Assistant City Manager Stevens** stated there will be a study session prior to the next regular City Council Meeting where he will be giving a presentation on the downtown facades if the Commissioners are interested in attending.

6. **Members of the Audience**

No communications were made.

7. **Planning Commission**

**Commissioner Bratt** asked how much parking was available at the Sheriff's Station.

**Director Coleman** stated there are approximately a dozen spaces, with additional parking available on the street, at the City Yard, the Post Office and the Martin House.

ATTACHMENT E

**RESOLUTION PC #####**

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF SAN DIMAS RECOMMENDING APPROVAL OF THE WATER EFFICIENT LANDSCAPE ORDINANCE GUIDELINES.

WHEREAS, Chapter 18.14 of the San Dimas Municipal Code requires adoption of implementation Guidelines for water efficient landscaping;

WHEREAS, the Guidelines would affect the entire City of San Dimas;

WHEREAS, the Guidelines have been prepared to comply with Chapter 18.14 and the State Model Ordinance.

NOW, THEREFORE, in consideration of the evidence received, and for the reasons discussed by the Commissioners, the Planning Commission now finds as follows:

- A. The proposed Implementation Guidelines will not adversely affect adjoining property as to value, precedent, or be detrimental to the area.
- B. The proposed Implementation Guidelines will further the public health, safety, and general welfare.

PURSUANT TO THE ABOVE FINDINGS, IT IS RESOLVED that the Planning Commission adopts the Water Efficient Landscape Ordinance Guidelines as set forth in Exhibit B:

**Section 1.** Add the ordinance as shown in attached Exhibit B as supplemental.

PASSED, APPROVED and ADOPTED, the \_\_\_\_ day of \_\_\_\_\_ 2010, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

---

Jim Schoonover, Chairman  
San Dimas Planning Commission

ATTEST:

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Dan Coleman, Director of Development Services

DRAFT

# Water Efficiency Ordinance Guidelines

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## Purpose and Applicability

### A. Purpose

1. The primary purpose of these Guidelines is to provide procedural and design guidance for project applicants proposing landscape installation or rehabilitation projects that are subject to the requirements of the Water Efficient Landscape Ordinance pursuant to Government Code Section 65595. This document is also intended for use and reference by staff in reviewing and improving designs and verifying compliance with the Water Efficient Landscape Ordinance. The general purpose of the Water Efficient Landscape Ordinance is to promote the design, installation, and maintenance of landscaping in a manner that conserves regional water resources by ensuring that landscaping projects are not unduly water-needy and that irrigation systems are appropriately designed to minimize water waste.
2. Other regulations affecting landscape design and maintenance practices are potentially applicable and should be consulted for additional requirements. These regulations include but may not be limited to:
  - (a) State of California Assembly Bill 1881;
  - (b) National Pollutant Discharge Elimination Permit for the Municipal Separate Sewer System;
  - (c) Water Conservation and Drought Response Regulations of the Local Water Purveyor;
  - (d) Zoning Code;
  - (e) Building Code;
  - (f) Specific Plans, Master Plans, General Plan, or similar land use and planning documents; and
  - (g) Conditions of approval for a specific project.

### B. Applicability

1. The Water Efficient Landscape Ordinance and these Guidelines apply to all of the following landscape projects:
  - (a) New landscape installations or landscape rehabilitation projects by public agencies or private non-residential developers (examples of projects may include, but are not limited to commercial retail, parks, schools, industrial) with a landscaped area, including swimming pools or other water features but, excluding hardscape equal to or greater than 2,500 square feet, and which are otherwise subject to a discretionary approval of a landscape plan or which otherwise require a permit for a landscape or water feature
  - (b) New landscape installations or landscape rehabilitation projects by developers or property managers of single-family and multi-family residential projects or complexes with a landscaped area, including swimming pools or other water features but, excluding hardscape equal to or greater than 2,500 square feet, and which are otherwise subject to a discretionary approval or a landscape plan or which otherwise require a permit for a landscape or water feature.
  - (c) New landscape installation projects by individual homeowners on a single-family or multi-family residential lots with a project landscaped area, including pools or other

water features but excluding hardscape, equal to or greater than 5,000 square feet, and which are otherwise subject to a discretionary approval of a landscape plan or which otherwise require a permit for a landscape or water feature.

- (d) Special Landscaped Areas, such as areas dedicated to edible plants, irrigated with recycled water, or dedicated to active play, shall prepare a water efficient landscape worksheet and landscape documentation package according to specifications for Special Landscaped Areas.
  - (e) New and rehabilitated cemeteries shall be required to comply with Chapter 18.14 of the Municipal Code.
  - (f) Irrigation of landscaped areas of any size shall be conducted in a manner conforming to the rules and requirements, and shall be subject to penalties and incentives for water conservation and water waste prevention as determined and implemented by the local water purveyor or as mutually agreed by the local water purveyor and the City of San Dimas. All landscaped areas of one acre or more shall not exceed their Maximum Applied Water Allowance.
  - (g) Existing landscapes that are one acre or more shall not exceed their Maximum Applied Water Allowance.
2. A landscape rehabilitation project is subject to the requirements of the ordinance and these Guidelines where (i) the modified landscaped area is greater than 2,500 square feet and represents at least 50% of the total landscaped area; and (ii) the modifications are planned to occur within one year. The requirements of the Guidelines may be partially or wholly waived, at the discretion of the city or its designee, for landscape rehabilitation projects that are limited to replacement plantings with equal or lower water needs and where the irrigation system is found to be designed, operable and programmed consistent with minimizing water waste in accordance with local water purveyor regulations.
3. Unless otherwise determined by the City, Chapter 18.14 of the Municipal Code and these Guidelines do not apply to:
- (a) Registered local, state, or federal historical sites;
  - (b) Ecological restoration projects that do not require a permanent irrigation system;
  - (c) Mined-land reclamation projects that do not require a permanent irrigation system;
  - or
  - (d) Plant collections, as part of botanical gardens and arboretums open to the public.

### **Submittal Requirements for New Landscape Installations or Landscape Rehabilitation**

- A. Discretionary approval is typically required for landscape projects that are subject to site plan reviews or other procedural processes apply such that standard or special conditions of approval may be required by the City. Discretionary projects with conditions of approval may be approved administratively by city staff, or acted on formally by the Planning Commission or City Council. A typical standard condition of approval reads:

*Landscaping for the project shall be designed to comply with the City's Water Efficient Landscape Ordinance and with the Guidelines for implementation of the Water Efficient Landscape Ordinance.*

Landscape or water features that typically require a permit (i.e. a building, plumbing, electrical, other similar permits), hereby triggering compliance with the Water Efficient Landscape Ordinance requirements independently of the need for discretionary approval include, but are not limited to, swimming pools, fountains or ponds, retaining walls, and overhead trellises.

B. A *Landscape Documentation Package* is required to be submitted by the project applicant for review and approval prior to the issuance of permits for landscape or water features by the City, and prior to start of construction. Unless otherwise directed by the City, the *Landscape Documentation Package* shall include the following elements:

1. Date;
2. Project name;
3. Project address, parcel, and/or lot number(s);
4. Total landscaped area (square feet) and rehabilitated landscaped area (if applicable);
5. Project type (e.g., new, rehabilitated, public, private, homeowner-installed);
6. Water supply (e.g., potable, recycled, or well) and identification of the local retail water purveyor if the project applicant is not served by a private well;
7. Checklist or index of all documents in the *Landscape Documentation Package*;
8. Project contacts, including contact information for the project applicant and property owner;
9. A *Certification of Design* that includes the stamp of a landscape professional, as applicable, signature, contact information (including email and telephone number), license number, and date, certifying the statement that "The design of this project complies with the requirements of the City's Water Efficient Landscape Ordinance" and shall bear the signature of the landscape professional as required by law; and
10. Any other information the City deems relevant for determining whether the landscape project complies with the Water Efficient Landscape Ordinance and these Guidelines.
11. *Maximum Applied Water Allowance (MAWA)* and *Estimated Applied Water Use (EAWU)* expressed as annual totals including, but not limited to the following:
  - (a) A *Water Efficient Landscape Worksheet* for the landscape project;
  - (b) Hydrozone information table for the landscaped project; and
  - (c) Water budget calculations for the landscaped project.
12. A soil management report or specifications, or specification provision requiring soil testing and amendment recommendations and implementation to be accomplished during construction of the landscape project.
13. A landscape design plan for the landscape project.
14. An irrigation design plan for the landscaped project.
15. A grading design plan, unless grading information is included in the landscape design plan for the landscape project or unless the landscape project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.
16. Seasonal irrigation water schedules or procedures for programming of proposed SMART controllers.

## Water Efficient Landscape Calculations and Alternatives

- A. The project applicant shall provide the calculated *Maximum Applied Water Allowance (MAWA)* and *Estimated Applied Water Use (EAWU)* for the landscaped area as part of the *Landscaped Documentation Package* submittal to the City. The *MAWA* and *EAWU* shall be calculated based on completing the *Water Efficient Landscape Worksheets*.
- B. The *EAWU* allowable for the landscaped areas shall not exceed the *MAWA*. The *MAWA* shall be calculated using an *Evapotranspiration Adjustment Factor (ETAF)* of 0.7 except for the portion of the *MAWA* applicable to any special landscaped areas with the landscape project, which shall be calculated using an *ETAF* of 1.0. Where the design of the landscaped area can otherwise be shown to be equivalently water-efficient, the project applicant may submit alternative or abbreviated information supporting the demonstration that the annual *EAWU* is less the *MAWA*, at the discretion of and for review and approval by the City.
- C. Water budget calculations shall adhere to the following requirements:
1. The *MAWA* shall be calculated using the *Water Efficient Landscape Worksheets*;
  2. The *EAWU* shall be calculated using the *Water Efficient Landscape Worksheets*;
  3. For the calculation of the *MAWA* and *EAWU*, a project applicant shall use the *ETo* value of 47.5. This value was established by a weather station operated by the California Irrigation Management Information System located in the City of Glendora.
  4. For calculation of the *EAWU*, the plant water use factor shall be determined as appropriate to the project location from the *Water Use Classification of Landscape Species (WUCOLS)* species evaluation list. The plant factor is 0.1 for very low water use plants, 0.2 to 0.3 for low water use plants, 0.4 to 0.6 for moderate water use plants, and 0.7 to 1.0 for high water use plants;
  5. For calculating the *EAWU*, the plant water use factor shall be determined for each valve hydrozone based on plant species within the zone. The *plant factor* for each hydrozone may be required to be further refined as a "landscape coefficient," according to protocols defined in detail in the *WUCOLS* document, to reflect planting density and microclimate effects on water need at the option of the project applicant of the City;
  6. For calculation of the *EAWU*, the area of a water feature shall be defined as a high water use hydrozone with a plant factor of 1.0.
  7. For calculation of the *EAWU*, a temporarily irrigated hydrozone area, such as an area of highly drought-tolerant native plants that are not intended to be irrigated after they are fully established, shall be defined as a very low water use hydrozone with a *plant factor* of 0.1.
  8. For calculation of the *MAWA*, the *ETAF* for special landscaped areas shall be set at 1.0. For calculation of the *EAWU*, the *ETAF* for special landscaped areas shall be calculated as the *Special Landscaped Area (SLA) plant factor* divided by the *SLA irrigation efficiency factor*.
  9. Irrigation efficiency shall be calculated using the *Water Efficient Landscape Worksheets*.
- D. The *Maximum Applied Water Allowance* shall be calculated using the equation presented in the worksheets in the *Landscape Documentation Package*. For scheduling, automatic

irrigation controllers are required and shall use current *ETo* data, such as from the California Irrigation Management Information System (CIMIS), other equivalent data, or soil moisture sensor data.

### **Soil Management Report**

- A. In order to reduce runoff and encourage healthy plant growth, a soil management report shall be completed by the project applicant, or his/her designee, as follows:
1. Submit soil samples to a certified agronomic soils laboratory for analysis and recommendations;
  2. Soil sampling shall be conducted in accordance with laboratory protocol, including protocols regarding adequate sampling depth for the intended plants;
  3. The soil analysis may include, but is not limited to:
    - (a) Soil texture;
    - (b) Infiltration rate determined by laboratory test or soil texture infiltration rate table;
    - (c) pH;
    - (d) Total soluble salts;
    - (e) Sodium;
    - (f) Percent organic matter; and
    - (g) Recommendations.
- B. The project applicant, or his/her designee, shall comply with one of the following:
1. If a grading permit is not required, the soil analysis report shall be submitted to the City as part of the Landscape Documentation Package; or
  2. If a grading permit is required, the soil analysis report shall be submitted to the City as part of the *Certification of Completion*.
- C. The soil analysis report shall be made available, in a timely manner, to the professionals preparing the landscape design plans and irrigation design plans in order to make any necessary adjustments to the design plans.
- D. The project applicant, or his/her designee, shall submit documentation verifying implementation of the soil analysis report recommendation to the City with the *Certification of Completion*.

### **Landscape Design Plan**

- A. For the efficient use of water, a landscape shall be carefully designed and planned for the intended function of the project. The plant material used in the landscape shall be submitted as part of the *Landscape Documentation Package*.
1. Any plant may be selected for the landscaped area provided that *EAWU* in the landscaped area does not exceed the *MAWA*. To encourage the efficient use of water, the following is highly recommended:
    - (a) Protection and preservation on non-invasive water-conserving plant species and water-conserving turf;
    - (b) Selection of water-conserving plant species and water-conserving turf;

- (c) Selection of plants based on disease and pest resistance;
  - (d) Selection of trees based on applicable zoning ordinances and tree guidelines and/or conditions of approval; and
  - (e) Selection of plants from local and regional landscape program plant lists.
- B. Each hydrozone shall have plant materials with similar water use, with the exception of hydrozones with plants of mixed water use.
- C. Plants shall be selected and planted appropriately based upon their adaptability to the climatic, geologic, and topographical conditions of the project site. To encourage the efficient use of water, the following is highly recommended for inclusion in the landscape design plan:
- 1. Use the Sunset Western Climate Zone System which takes into account temperature, humidity, elevation, terrain, latitude, and varying degrees of continental and marine influence on local climate.
  - 2. Recognize the horticultural attributes of plants (e.g., mature plant size, invasive surface roots) to minimize damage to property or infrastructure (e.g., buildings, sidewalks, and power lines); and
  - 3. Consider the solar orientation for plant placement to minimize summer shade and winter solar gain.
- D. Turf is discouraged on slopes greater than 25% where the toe of the slope is adjacent to an impermeable hardscape and where 25% means one foot of vertical elevation change for every four feet of horizontal length (rise divided by run x 100 = slope percent).
- E. A landscape design plan for a project in fire-prone areas and fuel modification zones shall consider requirements set forth in the fire code as adopted by Title 32 of the County of Los Angeles entitled "Fire Code of the County of Los Angeles", where applicable.
- F. The use of invasive and/or noxious plant species is strongly discouraged.
- G. The architectural guidelines of a common interest development, which include community apartment projects, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of water efficient plant species as a group.
- H. Water Features
- 1. Recirculation water systems shall be used for water features.
  - 2. Where available and consistent with public health guidelines, recycled water shall be used as a source for decorative water features.
  - 3. The surface area of a water features shall be included in the high water use hydrozone area of the water budget calculation.
  - 4. Pool and spa covers are highly recommended.
- I. Mulch and Amendments

1. A minimum three inch (3") layer of mulch shall be applied on all exposed soil surfaces of planting areas except in turf areas, creeping or rooting groundcovers, or direct seeding applications.
2. Stabilizing mulching products shall be used on slopes.
3. The mulching portion of the seed/mulch slurry in hydro-seeded applications shall meet the mulching requirement.
4. Soil amendments shall be incorporated according to recommendations of the soil report and what is appropriate for plants selected.

J. The landscape design plan, at a minimum, shall:

1. Delineate and label each hydrozone by number, letter, or other method;
2. Identify each hydrozone as low, moderate, high water, or mixed water use. Temporarily irrigated areas of the landscaped area shall be included in the low water use hydrozone for the water budget calculation;
3. Identify recreational areas;
4. Identify areas permanently and solely dedicated to edible plants;
5. Identify areas irrigated with recycled water;
6. Identify type of mulch and application depth;
7. Identify soil amendments, type, and quantity;
8. Identify type and surface area of water features;
9. Identify hardscapes (pervious and non-pervious);
10. Identify location and installation details of any applicable storm water best management practices that encourage on-site retention and infiltration of storm water. Storm water best management practices are encouraged in the landscape design plan and examples include, but are not limited to:
  - (a) Infiltration beds, swales, and basins that allow water to collect and soak into the ground;
  - (b) Constructed wetlands and retention ponds that retain water, handle excess flow, and filter pollutants; and
  - (c) Pervious or porous surfaces (e.g. permeable pavers or blocks, pervious or porous concrete, etc.);
11. Identify any applicable rain harvesting or catchment technologies (e.g., rain gardens, cisterns, etc);
12. Contain the following statement: "I have complied with the criteria of the *Water Efficient Landscape Ordinance* and applied them for the efficient use of water in the landscape design plan"; and
13. Bear the signature of a California-licensed landscape professional.

### **Irrigation Design Plan**

For the efficient use of water, an irrigation system shall meet all the requirements listed in this section and in the manufacturer's recommendations. The irrigation system and its related components shall be planned and designed to allow for proper installation, management, and maintenance. An irrigation design plan meeting the following design criteria shall be submitted as part of the *Landscape Documentation Package*:

A. System

1. Dedicated landscape water meters are recommended, when feasible, to facilitate water management.
2. Automatic irrigation controllers utilizing either evapotranspiration or soil moisture sensor data shall be required for irrigation scheduling in all irrigation systems.
3. The irrigation system shall be designed to ensure that the dynamic pressure at each emission device is within the manufacturer's recommended pressure range for optimal performance.
  - (a) If the static pressure is above or below the required dynamic pressure of the irrigation system, pressure-regulating devices such as inline pressure regulator, booster pumps, or other devices shall be installed to meet the required dynamic pressure of the irrigation system.
  - (b) Static water pressure, dynamic or operating pressure, and flow reading of the water supply shall be measured at the point of connection. These pressure and flow measurements shall be conducted at the design stage. The measurements shall be conducted at installation.

B. Sensors (rain, freeze, wind, etc.), either integral or auxiliary, that suspend or alter irrigation operation during unfavorable weather conditions shall be required on all irrigation systems, as appropriate for local climatic conditions. Irrigation should be avoided during windy or freezing weather or during rain.

C. Manual shut-off valves (such as a gate valve, ball valve, or butterfly valve) shall be required as close as possible to the point of connection of the water supply to minimize water loss in case of an emergency (such as a main line break) or routine repair.

D. Backflow prevention devices shall be required to protect the water supply from contamination by the irrigation system. A project applicant shall refer to the applicable City code for additional backflow prevention requirements.

E. High flow sensors that detect and report high flow conditions created by system damage or malfunction are recommended.

F. The irrigation system shall be designed to prevent runoff, low head drainage, overspray, or other similar conditions where irrigation water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways, or structures.

G. Relevant information from the soil management plan, such as soil type and infiltration rate, shall be utilized when designing irrigation systems.

H. The design of the irrigation system shall conform to the hydrozones of the landscape design plan.

I. Average irrigation efficiency for the project shall be determined in accordance with the EAWU calculation sheet. Unless otherwise indicated by the irrigation equipment

manufacturer's specifications or demonstrated by the project applicant, the irrigation efficiency of the irrigation heads used within each hydrozone shall be assumed to be:

Pop-up stream rotator heads = 75%

Stream rotor heads = 75%

Microspray = 75%

Bubbler = 80%

Drip emitter = 85%

Subsurface irrigation = 90%

- J. It is highly recommended that the project applicant inquire with the local water purveyor about peak water operating demands (on the water supply system) or water restrictions that may impact the effectiveness of the irrigation system.
- K. In mulched planting areas, the use of low volume irrigation is required to maximize water infiltration into the root zone.
- L. Sprinkler heads and other emission devices shall have matched precipitation rates, unless otherwise directed by the manufacturer's recommendations.
- M. Head to head coverage is recommended. However, sprinkler spacing shall be designed to achieve the highest possible distribution uniformity using the manufacturer's recommendations.
- N. Swing joints or other riser-protection components are required on all risers subject to damage that are adjacent to high traffic areas.
- O. Check valves or anti-drain valves are required for all irrigation systems.
- P. Narrow or irregularly shaped areas, including turf, less than eight feet (8') in width in any direction shall be irrigated with subsurface irrigation or a low volume irrigation system.
- Q. Overhead irrigation shall not be permitted within 24 inches (24") of any non-permeable surface. Allowable irrigation with the setback from non-permeable surfaces may include drip, drip line, or other low flow non-spray technology. The setback area may be planted or unplanted. The surfacing of the setback may be mulch, gravel, or other porous material. These restrictions may be modified if:
  1. The landscaped area is adjacent to permeable surfacing and no runoff occurs;
  2. The adjacent non-permeable surfaces are designed and constructed to drain entirely to landscaping; or
  3. The irrigation designer for the landscape project specifies an alternative design or technology, as part of the *Landscape Documentation Package*, and clearly demonstrates strict adherence to the irrigation system design criteria. Prevention of overspray and runoff must be confirmed during an irrigation audit.
  4. Slopes greater than 25% shall not be irrigated with an irrigation system with a precipitation rate exceeding 0.75 inches (0.75") per hour. This restriction may be

modified if the landscape designer of the landscape project specifies an alternative design or technology, as part of the *Landscape Documentation Package*, and clearly demonstrates no runoff or erosion will occur. Prevention of runoff and erosion must be confirmed during the irrigation audit.

#### R. Hydrozone

1. Each valve shall irrigate a hydrozone with similar site, slope, sun exposure, soil conditions, and plant materials with similar water use.
2. Sprinkler heads and other emission devices shall be selected based on what is appropriate for the plant type within that hydrozone.
3. Where feasible, trees shall be placed on separate valves from shrubs, groundcovers, and turf.
4. Individual hydrozones that mix plants of moderate and low water use or moderate and high water use may be allowed if:
  - (a) The plant factor calculation is based on the proportions of the respective plant water uses and their respective plant factors; or
  - (b) The plant factor of the higher water using plant is used for the calculations.
5. Individual hydrozones that mix high and low water use plants shall not be permitted.
6. On the landscape design plan and irrigation design plan, hydrozone areas shall be designated by number, letter, or other designation. On the irrigation design plan, designate the areas irrigated by each valve and assign a number to each valve.
7. The irrigation design plan, at a minimum, shall contain:
  - (a) The location and size of separate water meters for landscape;
  - (b) The location, type, and size of all components of the irrigation system, including controllers, main and lateral lines, valves, sprinkler head, moisture sensing devices, rain switches, quick couplers, pressure regulators, and backflow prevention devices;
  - (c) Static water pressure at the point of connection to the public water supply;
  - (d) Flow rate (gallons per minute), application rate (inches per hour), and design operation pressure (pressure per square inch) for each station;
  - (e) Irrigation schedule parameters necessary to program smart timers specified in the landscape design;
  - (f) The following statement: "I have complied with the criteria of the Water Efficient Landscape Ordinance and applied them accordingly for the efficient use of water in the irrigation design plan;" and
  - (g) The signature of a California-licensed landscape professional.

#### Recycled Water

- A. If and when a recycled water program becomes available irrigation systems and decorative water features shall use recycled water unless a written exemption has been granted by the local water purveyor stating that recycled water meeting all public health codes and standards is not available and will not be available for the foreseeable future.
- B. All recycled water irrigation systems shall be designed and operated in accordance with all applicable local and State laws.

- C. Landscapes using recycled water are considered Special Landscaped Areas. The ET Adjustment Factor for Special Landscaped Areas shall not exceed 1.0.

### **Grading Design Plan**

- A. For the efficient use of water, grading of the landscape project site shall be designed to minimize soil erosion, runoff, and water waste. Finished grading configuration of the landscaped area, including pads, slopes, drainage, post-construction erosion control, storm water control Best Management Practices, as applicable, shall be shown on the Landscape Plan unless this information is fully included in separate grading plans for the project, or unless the project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area.
- B. A grading design plan is not needed if the information is included in the landscape design plan for the landscape project or unless the landscape project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area.
- C. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.
- D. The project applicant shall submit a landscape grading plan that indicates finished configurations and elevations of the landscaped area including:
  - 1. Height of graded slopes;
  - 2. Drainage patterns;
  - 3. Pad elevations;
  - 4. Finish grade; and
  - 5. Storm water retention improvements, if applicable.
- E. To prevent excessive erosion and runoff, it is highly recommended that the project applicant:
  - 1. Grade so that all irrigation and normal rainfall remains within property lines and does not drain on to non-permeable hardscapes;
  - 2. Avoid disruption of natural drainage patterns and undisturbed soil; and
  - 3. Avoid soil compaction in landscaped areas.

### **Certification of Completion**

- A. Landscape project installation shall not proceed until the *Landscape Documentation Package* has been approved by the City and any required permits are issued.
- B. The project applicant shall notify the City at the beginning of the installation work and at intervals, as necessary, for the duration of the landscape project work to schedule all required inspections.
- C. *Certification of Completion* of the landscape project shall be obtained through a *Certificate of Use and Occupancy* or a final permit. The requirements for the final inspection and permit include submittal of:

1. A *Landscape Installation Certificate of Completion*, which shall include: (i) certification by a landscape professional that the landscape project has been installed per the approved *Landscape Documentation Package*; and (ii) the following signed statement: “The landscaping has been installed in substantial conformance to the design plans, and complies with the provisions of the *Water Efficient Landscape Ordinance* for the efficient use of water in the landscape.”
2. Documentation of the irrigation scheduling parameters used to set the controller(s);
3. An irrigation audit report from a certified irrigation auditor and documentation of enrollment in regional or local water purveyor’s water conservation programs.

#### **Post-Installation Irrigation Scheduling**

- A. For the efficient use of water, all irrigation schedules shall be developed, managed, and evaluated to utilize the minimum amount of water required to maintain plant health. Irrigation schedules shall meet the following criteria:
  1. Irrigation scheduling shall be regulated by automatic irrigation controllers.
  2. Overhead irrigation shall be scheduled in accordance with the *Water Efficient Landscape Ordinance*. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.

#### **Post-Installation Landscape and Irrigation Maintenance**

- A. Landscapes shall be maintained to ensure water use efficiency in accordance with the City’s current property maintenance code found in Chapter 8.14 of the Municipal Code.
- B. A regular maintenance schedule shall be submitted with the Certificate of Completion.
  1. A regular maintenance schedule shall include, but not be limited to, routine inspection; adjustment and repair of the irrigation system and its components; aerating and dethatching turf area; replenishing mulch; fertilizing; pruning; weeding in all landscape areas; and removing obstructions to emission devices. Operation of the irrigation system outside the normal watering window is allowed for auditing and system maintenance.
- C. Repair of all irrigation equipment shall be done with the originally installed components or their equivalents.
- D. A project applicant is encouraged to implement sustainable or environmentally-friendly practices for overall landscape maintenance.

#### **Provisions for Existing Landscapes**

- A. Irrigation of landscaped areas of any size shall be conducted in a manner conforming to the rules and requirements and shall be subject to penalties and incentives for water conservation and waste prevention, as determined and implemented by the local water purveyor and as may be mutually agreed by the City.

- B. The City and/or local water purveyor may administer programs such as irrigation water use analyses, irrigation surveys and/or irrigation audits, tiered meter rate structures, water budgeting by parcel, or other approaches to achieve landscape water use efficiency community-wide to a level equivalent to or less than would be achieved by applying a MAWA calculated with an ETAF of 0.8 to all landscaped areas in the City over one acre in size.
- C. The architectural guidelines of a common interest development, including apartments, condominiums, planned developments, and stock cooperatives, shall not prohibit or include conditions that have the effect of prohibiting the use of low-water use plants as a group.
- D. Water Waste Prevention
  - 1. Water waste resulting from inefficient landscape irrigation leading to excessive runoff, low head drainage, overspray and other similar conditions where water flows onto adjacent property, non-irrigated areas, walks, roadways or structures is prohibited.
  - 2. All landscape areas, whether installed pursuant to this chapter or not, shall be maintained in a healthful and sound condition. Irrigation systems and their components shall be maintained in a fully functional manner consistent with the originally approved design and the provisions of this chapter.
  - 3. Landscapes shall be maintained to ensure water efficiency. A regular maintenance schedule should include but not be limited to checking, adjusting, and repairing irrigation equipment; resetting the automatic controller; aerating and dethatching turf areas; replenishing mulch; fertilizing; pruning; and weeding in all landscaped areas.

### **Artificial Turf**

- A. Artificial or synthetic turf is an appropriate substitute for natural turf for the purposes of water conservation. Guidelines for the use and maintenance of artificial turf shall include:
  - 1. Artificial turf shall consist of lifelike individual blades of grass that emulate real grass in look and color and have a minimum pile height of 1 ¾ inches.
  - 2. Artificial turf shall be prepared in a manner that allows water to permeate and pass through the turf so as not to cause runoff onto adjacent properties, flooding, or pooling of water.
  - 3. Artificial turf shall be installed and maintained to effectively simulate the appearance of a well-maintained lawn.
  - 4. The use of indoor or outdoor plastic or nylon carpeting as a replacement for artificial turf or natural turf shall be prohibited.
  - 5. Artificial turf shall be installed in combination with only natural plant materials (i.e. trees, shrubs, and groundcover) to enhance the overall landscaping design.
  - 6. Artificial turf must be professionally installed by a licensed company.
  - 7. Artificial turf which looks worn or faded must be replaced or repaired.

### **Minor Deviations**

- A. The Director of Development Services or his or her designee may grant minor deviations from the requirements of this chapter limited to the following:

1. Minor modifications to approved landscaping irrigation or grading plans which comply with the spirit and intent of this chapter and the accompanying Guidelines;
  2. Modifications of planting, installation, and/or preparation details;
  3. Final of permits prior to installation of landscaping due to exceptional and unforeseen circumstance, subject to the deposit of an appropriate performance guarantee with the Development Services Department.
- B. In granting a minor deviation, the Director of Development Services or his or her designee may impose conditions as deemed necessary to comply with the spirit and intent of this chapter and accompanying Guidelines;
- C. The Director of Development Services Department decision may be appealed to Development Plan Review Board in writing. The Development Plan Review Board shall not be required in granting a minor deviation to this chapter or accompanying Guidelines.

### **Definitions**

“Applied water” means the portion of water supplied by the irrigation system to the landscape.

“Artificial Turf” means a man-made material which simulates the appearance of live turf, organic turf, grass, sod, or lawn.

“Automatic irrigation controller” means an automatic timing device used to remotely control valves that operate an irrigation system. Automatic irrigation controllers schedule irrigation events using either evapotranspiration (weather-based) or soil moisture data.

“Backflow prevention device” means a safety device used to prevent pollution or contamination of the water supply due to the reverse flow of water from the irrigation system.

“Check valve” or “anti-drain valve” means a valve located under a sprinkler head or other location in the irrigation system, to hold water in the system to prevent drainage from sprinkler heads when the sprinkler is off.

“Certified irrigation designer” means a person certified to design irrigation systems by an accredited academic institution or a professional trade organization.

“Certified Landscape Irrigation Auditor” means a person certified to perform landscape irrigation audits by an accredited academic institution or a professional trade organization.

“Certification of Design” means the certification included in the *Landscape Documentation Package*.

“Common interest developments” means community apartment projects, condominium projects, planned developments, and stock cooperatives per Civil Code Section 1351.

“Conversion factor” (0.62) means the number that converts acre-inches per acre per year to gallons per square foot per year.

“Distribution Uniformity” or “DU” is a measure of how uniformly an irrigation head applies water to a specific target area and theoretically ranges from zero to 100 percent.

“Drip Irrigation” means any non-spray low volume irrigation system utilizing emission devices with a flow rate measured in gallons per hour. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

“Ecological restoration project” means a project where the site is intentionally altered to establish a defined, indigenous, historic ecosystem.

“Emitter” means a drip irrigation emission device that delivers water slowly from the system to the soil.

“Established Landscape” means the point at which plants in the landscape have developed significant root growth into the soil. Typically, most plants are established after one or two years of growth.

“Estimated Applied Water Use” or “EAWU” means the annual total amount of water estimated to keep plants in a healthy state. It is based on factors such as reference evapotranspiration rate, the size of the landscaped area, plant water use factors, and the irrigation efficiency within each hydrozone.

“ET” adjustment factor” (ETAF) means a factor of 0.7, that when applied to reference evapotranspiration, adjusts for plant factors and irrigation efficiency, two major influences upon the amount of water that needs to be applied to the landscape.

“Evapotranspiration rate” means the quantity of water evaporated from adjacent soil and other surfaces and transpired by plants during a specified time.

“Flow rate” means the rate at which water flows through pipes, valves, and emission devices measured in gallons per minute, gallons per hour, or cubic feet per second.

“Hardscapes” means any durable material or feature (pervious and non-pervious) installed in or around a landscaped area, such as pavements or walls. Swimming pools and other water features are considered part of the landscaped area and not considered hardscapes for purposes of these Guidelines.

“Homeowner-provided landscaping” means any landscaping either installed by a private individual for a single family residence or installed by a licensed contractor hired by a homeowner. This excludes speculative homes, which are not owner-occupied dwellings.

“Hydrozone” means a portion of the landscaped area having plants with similar water needs and typically irrigated by one valve/controller station. A hydrozone may be irrigated or non-irrigated.

“Infiltration rate” means the rate of water entry into the soil expressed as a depth of water per unit of time (e.g. inches per hour).

“Invasive plant species” or “noxious” means species of plants not historically found in California that spread outside cultivated areas and can damage environmental or economic resources. Invasive plant species may be regulated by county agricultural agencies as noxious species.

“Irrigation audit” means an in-depth evaluation of the performance of an irrigation system conducted by a Certified Landscape Irrigation Auditor. An irrigation audit includes, but is not limited to: inspection, system tune-up, system test with distribution uniformity or emission uniformity, reporting overspray or runoff that causes overland flow, and preparation of an irrigation schedule.

“Irrigation Management Efficiency” or “IME” means the measurement used to calculate the irrigation efficiency of the irrigation system of a landscaped project. A 90% IME can be achieved by using evapotranspiration controllers, soil moisture sensors, and other methods that will adjust irrigation run times to meet plant water needs.

“Irrigation efficiency” or “IE” means the measurement of the amount of water beneficially used divided by the amount of water applied to a landscaped area. Irrigation efficiency is derived from measurements and estimates of irrigation system characteristics and management practices. The following irrigation efficiency may be obtained for the listed irrigation heads with an IME of 90%:

- (a) Pop-up stream rotator heads = 75%
- (b) Stream rotor heads = 75%
- (c) Microspray = 75%
- (d) Bubbler = 80%
- (e) Drip emitter = 85%
- (f) Subsurface irrigation = 90%

“Irrigation survey” means an evaluation of an irrigation system. An irrigation survey includes, but is not limited to, an inspection, system test, and written recommendations to improve performance of the irrigation system.

“Irrigation water use analysis” means an analysis of water use data based on meter readings and billing data.

“Landscape coefficient” ( $K_L$ ) is the product of a plant factor multiplied by a density factor and a microclimate factor. The landscape coefficient is derived to estimate water loss from irrigated landscaped areas and special landscaped areas.

“Landscape Documentation Package” means the package of documents that a project applicant is required to submit to the City pursuant to these Guidelines.

“Landscape Installation Certificate of Completion” means the certificate included in these guidelines that must be submitted to the City.

“Landscape professional” means a licensed landscape architect, licensed landscape contractor, or any other person authorized to design a landscape pursuant to Sections 5500.1, 5615, 5641, 5641.1, 5641.2, 5641.3, 5641.4, 5641.5, 5641.6, 6701, 7027.5 of the California Business and Professions Code, Section 832.27 of the Title 16 of the California Code of Regulations, and Section 6721 of the California Food and Agriculture Code.

“Landscaped area” means all the planting areas, turf areas, and water features in a landscape design plan subject to the *Maximum Applied Water Allowance* and *Estimated Applied Water Use* calculations. The landscaped area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other non-irrigated areas designated from non-development (e.g. open spaces and existing native vegetation).

“Lateral line” means the water delivery pipeline that supplies water to the emitters or sprinklers from the valve.

“Low volume irrigation” means the application of irrigation water at low pressure through a system of tubing or lateral lines and low-volume emitters such as drip, drip lines, and bubblers. Low volume irrigation systems are specifically designed to apply small volumes of water slowly at or near the root zone of plants.

“Main line” means the pressurized pipeline that delivers water from the water source to the valve or outlet.

“Maximum Applied Water Allowance” or “MAWA” means the upper limit of annual applied water for the established landscaped area as specified in these Guidelines. It is based upon the area’s reference evapotranspiration, the ETAF, and the size of the landscaped area. The *Estimated Applied Water Use* shall not exceed the *Maximum Applied Water Allowance*.

“Microclimate” means the climate of a small, specific area that may contrast with the climate of the overall landscaped area due to factors such as wind, sun exposure, plant density, or proximity to reflective surfaces.

“Mined-land reclamation projects” means any surface mining operation with a reclamation plan approved in accordance with the Surface mining and Reclamation Act of 1975.

“Mulch” means any organic material such as leaves, bark, straw or compost, or inorganic mineral materials such as rocks, gravel, or decomposed granite left loose and applied to the soil surface for the beneficial purposes of reducing evaporation, suppressing weeds, moderating soil temperature, and preventing soil erosion.

“New Construction” means, for the purposes of this ordinance, a new building with a landscape or other new landscape, such as a park, playground, or greenbelt without an associated building.

“Non-pervious” means any surface or natural material that does not allow for the passage of water through the material and into the underlying soil.

“Operation pressure” means the pressure at which the parts of an irrigation system of sprinklers are designed to operate by the manufacturer.

“Overhead sprinkler irrigation systems” means systems that deliver water through the air (e.g., spray heads and rotors).

“Overspray” means the irrigation water which is delivered beyond the target area.

“Permit” means an authorizing document issued by the City for new construction or rehabilitated landscapes.

“Person” means any natural person, firm, joint venture, joint company, partnership, public or private association, club, company, corporation, business trust, organization, public or private agency, government agency or institution, school district, college, university, any other user of water provided by the local water purveyor or the manager, lessee, agent, servant, officer, or employee of any of them or any other entity which is recognized by law as the subject of rights or duties.

“Pervious” means any surface or material that allows the passage of water through the material and into the underlying soil.

“Plant factor” or “plant water use factor” is a factor, when multiplied by ETo, that estimates the amount of water needed by plants. For purpose of this Water Efficient Landscape Ordinance, the plant factor range for low water use plants is 0 to 0.3; the plant factor range for moderate water use plants is 0.4 to 0.6; and the plant factor range for high water use plants is 0.7 to 1.0. Plant factors cited in these Guidelines are derived from the Department of Water Resources 2000 publication “Water Use Classification of Landscape Species.”

“Precipitation rate” means the rate of application of water measured in inches per hour.

“Project applicant” means the individual or entity submitting a *Landscape Documentation Package* to request a permit, plan check, or design review from the City. A project applicant may be the property owner or his/her designee.

“Property owner” or “owner” means the record owner of real property as shown on the most recently issued equalized assessment roll.

“Rain sensor” or “rain sensing shutoff device” means a component which automatically suspends an irrigation event when it rains.

“Recreational area” means areas dedicated to active play such as parks, sports fields, and golf courses where turf provides a playing surface.

“Reference evapotranspiration” or “ET<sub>o</sub>” means a standard measurement of environmental parameters which affect the water use of plants. ET<sub>o</sub> is given expressed in inches per day, month, or year and is an estimate of the evapotranspiration of a large field of four to seven-inch tall, cool-season grass that is well watered. Reference evapotranspiration is used as the basis of determining the *Maximum Applied Water Allowance*.

“Recycled water” or “reclaimed water” means treated or recycled waste water of a quality suitable for non-potable uses such as landscape irrigation and water features. This water is not intended for human consumption.

“Rehabilitated landscape” means any re-landscaping project that requires a permit, plan check, or design review, and the modified landscape area is equal to or greater than 2,500 square feet, is 50% of the total landscape area, and the modifications are completed within one year.

“Runoff” means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscaped area. For example, runoff may result from water that is applied at too great a rate (application rate exceeds infiltration rate) or when there is a slope.

“SMART irrigation controller” means a weather-based or soil moisture-based irrigation controller that monitors and uses information about the environmental conditions at a specific location and landscape to automatically adjust watering schedules.

“Soil moisture sensing device” or “soil moisture sensor” means a device that measures the amount of water in the soil. The device may also suspend or initiate an irrigation event.

“Soil texture” means the classification of soil based on its percentage of sand, silt, and clay.

“Special Landscaped Areas” or “SLA” means an area of the landscape dedicated solely to edible plants such as orchards and vegetable gardens, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports field, golf courses, and where turf provides a playing surface.

“Sprinkler head” means a device which delivers water through a nozzle.

“Static water pressure” means the pipeline or municipal water supply pressure when water is not flowing.

“Station” means an area served by one valve or by a set of valves that operate simultaneously.

“Swing joint” means an irrigation component that provides a flexible, leak-free connection between the emission device and lateral pipeline to allow movement in any direction and to prevent equipment damage.

“Turf” means a ground cover surface of mowed grass. Annual Bluegrass, Kentucky Bluegrass, Perennial Ryegrass, Red Fescue, and Tall Fescue are cool-season grasses. Bermuda Grass, Kikuyu Grass, Seashore Paspalum, St. Augustine Grass, Zoysia Grass, and Buffalo Grass are warm-season grasses.

“Valve” means a device used to control the flow of water in an irrigation system.

“Water Efficient Landscape Ordinance” means Chapter 18.14 of the San Dimas Municipal Zoning Code.

“Water Efficient Landscape Worksheet” means the worksheet which calculates a site’s water budget.

“Water feature” means a design element where open water performs an aesthetic or recreational function. Water features include ponds, lakes, waterfalls, fountains, artificial streams, spas, and swimming pools (where water is artificially supplied). The surface area of water features is included in the high water use hydrozone of the landscaped area. Constructed wetlands used for on-site wastewater treatment, habitat protection, or storm water best management practices that are not irrigated and used solely for water treatment or storm water retention are not water features and, therefore, are not subject to the water budget calculation.

“Watering window” means the time of day irrigation is allowed.

“WUCOLS” means the Water Use Classification of Landscape published by the University of California Cooperative Extension, the Department of Water Resources, and the Bureau of Reclamation.



**City of San Dimas**  
245 E. Bonita Avenue  
San Dimas, California 91773  
(909) 394-6200, Fax (909) 394-6209

## ***Municipal Code Provisions Receipt***

### ***Applicant Portion:***

Please fill out and sign this form and return to the City of San Dimas acknowledging that you have received a copy of the San Dimas Municipal Code for your review. Please keep the enclosed law.

Date: \_\_\_\_\_

Re: *Water Efficient Landscape Ordinance*

I hereby acknowledge receiving Chapter 18.14 of the San Dimas Municipal Zoning Code and receiving the Water Efficient Landscape Guidelines.

Applicant Name: \_\_\_\_\_  
Please print name

Applicant signature: \_\_\_\_\_

Date: \_\_\_\_\_

Return this form to:  
**City of San Dimas**  
**Development Services Department**  
**245 E. Bonita Avenue**  
**San Dimas, CA 91773-3002**

# Landscape Plan Instruction Sheet and Checklist

The following items are required to be submitted to the Development Services Department for review:

- Certification of Landscape Design;
  - Maximum Applied Water Allowance Calculation Worksheet;
  - Estimated Applied Water Use Calculation Worksheet;
  - Landscape Installation Certificate of Completion;
  - Municipal Code Provision Receipt;
  - Landscape design including information on hydrozones;
  - Irrigation design plan;
  - Irrigation schedule;
  - Soil management report;
  - Grading plan, unless grading information is included in the landscape design plan for the landscape project or unless the landscape project is limited to replacement planting and/or irrigation to rehabilitate an existing landscaped area. If a project proposes less than 50 cubic yards of earth movement, a drainage plan may be submitted instead of a grading plan.
- 

## Suggested Steps

### I. Gather Design Ideas

- Look at “Water Use Classification of Landscaped Species” (WUCOLS) found at <http://www.water.ca.gov/wateruseefficiency/docs/wucols00.pdf>
- Use WUCOLS to find plants which meets your aesthetic and water needs.
- Look at the San Dimas Water Efficient Landscape Ordinance and the accompanying Guidelines.

### II. Develop Your Plan

- Measure your property.
- Describe the setting:
  - (a) Size, slope, soil type, sun, climate, views, etc.
  - (b) What plants currently exist?

### III. Develop your design

- Develop your design with the least impact to the land and to water resources.
- Minimize grading/clearing of native vegetation.
- How will you use your landscape? What purpose will it serve?
- Minimize turf areas to the amounts of lawn you will actually use, such as that used for play or recreation.

### IV. Start making decisions about what you would like to do.

- What existing plants will you keep in place?
- What existing plants will you relocate/transplant on site?
- What existing plants will you eliminate and why?
- What type of constant ground cover will you use?
- Plan your design to retain as much water on the site as possible.
- Think about permeable products, such as porous concrete, interlocking pavers, flagstone, which allow water to infiltrate into the ground versus running off.
- Think about using light colors that reflect heat versus dark colors that absorb heat.

### V. Irrigation

- Consider using a Smart Irrigation Controller.
- Design the irrigation system to prevent runoff, over-spray, low-head drainage, etc.

### VI. Plant Selection

- Review WUCOLS before choosing plants.
- Think about plant size when full grown.
- Think about planting trees for:
  - (a) Erosion control.
  - (b) Carbon (CO<sub>2</sub>) sequestering benefits.
  - (c) Shade and cooling effects.
- Think about fire safety.
- Build in colors/textures.
- Do you need plant material that screens for privacy from neighbors, streets, or unwanted views?
- Consider microclimates/hydrozones/seasons.

# Maximum Applied Water Allowance (MAWA) Water Calculation Worksheet

This worksheet is filled out by the project applicant for each hydrozone. Attach additional sheets if necessary.

Total MAWA =  $(53.1 \times 0.7 \times LA \times 0.62)$  and/or  $(53.1 \times 1.0 \times SLA \times 0.62)$

Where:

**MAWA** = Maximum Applied Water Allowance (gallons per year)

**53.1** = The Evapotranspiration Adjustment Factor (ETo) determined by the nearest weather station, operated by California Irrigation Management Information System, located in the City of Glendora

**0.7** = Evapotranspiration Adjustment Factor

**1.0** = The Evapotranspiration Adjustment Factor for Special Landscaped Areas

**LA** = Landscaped Area in square feet

**0.62** = Conversion factor to convert acre-inches per acre per year to gallons per square foot per year

**SLA** = Special Landscaped Area (square feet) which is an area of the landscape dedicated solely to edible plants such as orchards and vegetable gardens, areas irrigated with recycled water, water features using recycled water, and areas dedicated to active play such as parks, sports, field, golf courses, and where turf provides a playing surface

Regular Landscaped Area	LA	MAWA
Hydrozone # 1	53.1	0.62
Hydrozone # 2	53.1	0.62
Hydrozone # 3	53.1	0.62
Hydrozone # 4	53.1	0.62
Hydrozone # 5	53.1	0.62

**Total #1**

Special Landscaped Area	SLA	MAWA
Hydrozone # 1	53.1	0.62
Hydrozone # 2	53.1	0.62

**Total #2**

<b>Total #1</b>	+	<b>Total #2</b>	=	<b>Total MAWA</b>
	+		=	

gallons per year

## Estimated Applied Water Use (EAWU)

$$EAWU = 53.1 \times K_L \times LA \times 0.62 \div IE$$

Where:

- EAWU** = Estimated Applied Water Use (gallons per year)  
**53.1** = The Evapotranspiration Adjustment Factor (ET<sub>o</sub>) determined by the nearest weather station, operated by California Irrigation Management Information System, located in the City of Glendora  
**K<sub>L</sub>** = Landscape Coefficient (see below for determining K<sub>L</sub>)  
**LA** = Landscaped Area in square feet  
**0.62** = Conversion factor to convert acre-inches per acre per year to gallons per square foot per year  
**IE** = The standard unit for this measurement is 0.71. Greater irrigation efficiency can be expected from well designed and maintained systems. The following irrigation efficiency may be obtained from the listed irrigation heads:

Pop-up stream rotator heads:	0.75
Stream rotor heads:	0.75
Microspray:	0.75
Bubbler:	0.80
Drip emitter:	0.85
Subsurface irrigation:	0.90

## Determining the Landscape Coefficient: $K_L = K_s \times K_d \times K_{mc}$

### Species Factor (K<sub>s</sub>)

K<sub>s</sub> is determined by referring to the 2000 Water Use Classification of Landscaped Species (WUCOLS). By going to region 4 on the WUCOLS and searching for a particular plant species it can be determined if a plant uses a very low (VL), low (L), moderate (M) or high (H) amount of water. A numerical value will be assigned to each category as shown below.

High (H):	0.7 - 0.9
Moderate (M):	0.4 - 0.6
Low (L):	0.1 - 0.3
Very Low (VL):	< 0.1

## Density Factor ( $K_d$ )

$K_s$  will be given a value ranging from 0.5 to 1.3 based on the following:

Average Density:	1.0
Low Density:	0.5 to 0.9
High Density:	1.1 to 1.3

### Average Density: (1.0)

Canopy cover of 70% to 100% constitutes an average condition. For shrubs or groundcovers, a canopy cover of 90% to 100% is considered to be an average condition.

### Low Density: (0.5 to 0.9)

Low density plantings are characterized largely by canopy covers less than those specified for the average density condition. For instance, a tree planting with less than 70% canopy cover would be assigned a  $K_d$  value less than 1.0. The precise value assigned (between 0.5 and 0.9) would be based on the canopy cover assessment: a lower  $K_d$  value for a thinner canopy cover.

Plantings with mixed vegetation types generally have greater canopy covers than those of a single type. For instance, a groundcover planting with a canopy cover of 50% constitutes a low density condition and a  $K_d$  of 0.7 might be assigned. If an occasional tree occurs in the planting, then the principal effect is one of increasing canopy cover, and an upward adjustment in  $K_d$  to 0.8 or 0.9 would be warranted.

### High Density: (1.1 to 1.3)

When canopy cover is full for any vegetation type, then increases in density result from increases in the number of plants of other vegetation types. For example, by adding trees to a mature groundcover planting (groundcover canopy cover – 100%), an increase in vegetation density occurs. The addition of shrubs to the planting further increases the density. This mix of vegetation types creates a layering or tiering of vegetation which represents potential increases in water loss. Upward adjustment of  $K_d$  can be made to account for vegetation tiering. The highest density condition, where all three vegetation types occur in substantial numbers in a planting, would be assigned a  $K_d$  of 1.3. In plantings where lesser degrees of vegetation of tiering occurs (e.g. a two-tiered planting), then a  $K_d$  value of 1.1 or 1.2 is appropriate.

## Microclimate Factor ( $K_{mc}$ )

$K_{mc}$  will be given a value ranging from 0.5 to 1.3 based on the following:

Low:	0.5 to 0.9
Average:	1.0
High:	1.1 to 1.4

**Average Microclimate: (1.0)**

Site conditions equivalent to those used for reference evapotranspiration measurements represent an average microclimate. Reference evapotranspiration is measured in an open-field setting which is not exposed to extraordinary winds or heat inputs from nearby buildings, structures, or vehicles. Large plantings of groundcover, groves of trees, and mixtures of shrubs, turf, and trees in relatively open areas represent examples of an average microclimate conditions. Areas with adjacent buildings, extensive hardscapes, or exposed to extraordinary winds would not be included in this category.

**Low Microclimate: (0.5 to 0.9)**

Sites which are shaded or protected from winds typical to the area are considered to be in the low microclimate category. Features of the site modify the microclimate such that evaporative conditions are less than those found in the average microclimate. Plantings located on the north side or northeast side of buildings, shaded by overhead structures, or within courtyard settings are typically assigned a  $K_{mc}$  value in the low range. Plantings protected from winds by buildings, structures, or other vegetations also would be assigned to the low category. The specific value assigned for the microclimate factor will depend on the specific site conditions. For example, a planting in a courtyard which is shaded most of the day and protected from winds may be assigned a value of 0.6, while a similar planting located on the northeast side of a building may be assigned a value of 0.8.

**High Microclimate: (1.1 to 1.4)**

Sites which are exposed to direct winds typical for the area, heat inputs from nearby sources, and/or reflected light would be considered to be in the high microclimate category. These features of the site increase evaporative conditions above those found in an average microclimate condition. Plantings located in medians, parking lots, or adjacent to south or southwest-facing walls which are exposed to higher canopy temperatures than those found in a well-vegetated setting would be in the high category. Plantings in wind tunnel locations and those receiving reflected light from nearby windows, cars, or other reflective surfaces are also in high microclimate conditions. The specific value assigned will depend on the specific conditions. For example, a shrub planting located next to a southwest-facing wall may be assigned a  $K_{mc}$  value of 1.2, while a similar planting next to a southwest wall which is composed of reflective glass and is exposed to extraordinary winds may be assigned a value of 1.4.

**Summary Table**  
Values for Landscape Coefficient Factors

	<b>High</b>	<b>Moderate</b>	<b>Low</b>	<b>Very Low</b>
Species Factor ( $K_s$ )	0.7 - 0.9	0.4 - 0.6	0.1 - 0.3	< 0.1
Density ( $K_d$ )	1.1 - 1.3	1.0	0.5 - 0.9	
Microclimate ( $K_{mc}$ )	1.1 - 1.4	1.0	0.5 - 0.9	



# Estimated Applied Water Use Worksheet

This worksheet is filled out by the project applicant for each hydrozone. Attach additional sheets if necessary.

$$EAWU = 53.1 \times K_L \times LA \times 0.62 \div IE$$

Where:

**EAWU** = Estimated Applied Water Use (gallons per year)

**53.1** = The Evapotranspiration Adjustment Factor (ETo) determined by the nearest weather station, operated by California Irrigation Management Information System, located in the City of Glendora

**K<sub>L</sub>** = Landscape Coefficient

**LA** = Landscaped Area in square feet

**0.62** = Conversion factor to convert acre-inches per acre per year to gallons per square foot per year

**IE** = The standard unit for this measurement is 0.71. Greater irrigation efficiency can be expected from well designed and maintained systems. The following irrigation efficiency may be obtained from the listed irrigation heads:

Pop-up stream rotator heads:	0.75
Stream rotor heads:	0.75
Microspray:	0.75
Bubbler:	0.80
Drip emitter:	0.85
Subsurface irrigation:	0.90



# Certification of Landscape Design

To be completed and signed by a licensed landscape architect, licensed landscape contractor or any other person authorized to design a landscape.

Project Information Sheet		
Date:	Project Name:	
Name of Project Applicant:		
Profession:	License No.:	
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

Project Address and Location		
Street Address:		
City:	State:	Zip:
Parcel, tract, or lot number, if available:		

Property Owner or his/her Designee		
Name:		
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

I hereby certify that:

- (1) I am a professional appropriately licensed in the State of California to provide professional landscape design services.
- (2) The landscape design and water use calculations for the identified property were prepared by me or under my supervision.
- (3) The landscape design and water use calculations for the identified property comply with the requirements of the City of San Dimas Water Efficient Landscape Chapter 18.14 and the City of San Dimas Guidelines for Implementation of the City of San Dimas Water Efficient Landscape Ordinance.
- (4) The information I have provided in this Certificate of Landscape Design is true and correct and is hereby submitted in compliance with the City of San Dimas Guidelines for Implementation of the City of San Dimas Water Efficient Landscape Ordinance.

\_\_\_\_\_

Signature

\_\_\_\_\_

Date

\_\_\_\_\_

Print Name

Landscape Design Professional's Stamp  
(if applicable)



# Landscape Installation Certificate of Completion

To be completed and signed by a licensed landscape architect, licensed landscape contractor or any other person authorized to design a landscape.

Project Information Sheet		
Date:	Project Name:	
Name of Project Applicant:		
Profession:	License No.	
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

Project Address and Location		
Street Address:		
City:	State:	Zip:
Parcel, tract, or lot number, if available:		

Property Owner or his/her Designee		
Name:		
Company:		
Telephone No.:	Fax No.:	
Email Address:		
Street Address:		
City:	State:	Zip:

I hereby certify that:

- (1) I am a professional appropriately licensed in the State of California to provide professional landscape design services.
- (2) The landscape project for the identified project was installed by me or under my supervision.
- (3) The landscaping for the identified property has been installed in substantial conformance with the approved Landscape Documentation Package and complies with the requirements of the City of San Dimas Water Efficient Landscape Chapter 18.14 and the City of San Dimas Guidelines for implementation of the Ordinance for the efficient use of water in the landscape.
- (4) The information I have provided in this Landscape Installation Certificate of Completion is true and correct and is hereby submitted in compliance with the City of San Dimas Guidelines for Implementation of the Water Efficient Landscape Chapter 18.14.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name

Landscape Design Professional's Stamp  
(if applicable)

## **Municipal Code Text Amendment 10-01**

### **Water Efficient Landscape Ordinance**

#### **Other things to consider**

- 1) Fire resistant landscaping should be given equal weighting with drought resistant landscaping.**
- 2) Including artificial turf in the ordinance should take into consideration AB1793 in regard to HOA's, given AB1061 passed.**
- 3) Defensible Space as noted in numerous fire agency documents should be given more consideration.**
- 4) The standards in the proposed guidelines associated with artificial turf are such that they will be a headache much like overnight RV parking.**
- 5) Promoting fire resistant/drought tolerant landscaping over artificial turf would seem preferable given there are still numerous unanswered questions in regard to the health, safety and longevity of artificial turf.**

# Homeowners, associations battle over turf

## Assembly bill would allow artificial grass

By Michael Gardner, U-T SACRAMENTO BUREAU

Tuesday, February 16, 2010 at 12:04 a.m.



- U-T file photo

Lori Saldaña

### **Savings from artificial grass**

Replacing grass with artificial turf in a 1,000-square-foot yard would save:

- About 112 gallons per day, or 41,000 gallons each year, for a coastal home.

- About 156 gallons daily, or 57,000 gallons annually, for an inland property.

*Source: San Diego County Water Authority*

SACRAMENTO — Rocky Wilson figures that just by landscaping his small front yard with artificial turf, he could save enough water annually to take a five-minute shower daily for about six years.

*If only his homeowners association would let him.*

Wilson has been working with the governing board of La Costa Greens, a master-planned community of single-family residences in Carlsbad, for nearly two years to secure permission amid steep water shortages and rationing across California.

“Why waste water?” he asked. “I was born and raised here. There’s always been drought.”

Wilson’s case isn’t isolated, according to state water officials and water districts in San Diego County.

They said that many HOAs have moved aggressively to reduce water consumption partly by planting drought-resistant vegetation or watering their lawns less often, but that some resist such changes because they want to preserve a certain look for their community’s landscaping. The opposition can come from an HOA board or certain residents in a complex.

“I’ve got some ratepayers fighting their homeowners associations over the right to put in low-water-use plants or artificial turf,” said Keith Lewinger, general manager of the Fallbrook Public Utility District.

Hoping to create a more uniform policy, water managers took their case to Sacramento. Assemblywoman Lori Saldaña, D-San Diego, took up the cause.

“They need direction when we’re dealing with record drought,” Saldaña said in introducing Assembly Bill 1793.

Saldaña’s measure would require homeowners associations to allow installation of artificial turf. But in a nod to concerns about quality, the legislation permits those associations to establish design and quality standards for fake grass.

Although artificial turf is gaining more public acceptance as manufacturers make better-looking and longer-lasting versions, some HOA boards continue to have misgivings about the turf’s appearance and durability.

There are about 6,000 homeowners associations in San Diego County and 43,350 statewide, from condos to single-family developments, according to 2007 data compiled by Community Associations.

At Villa Portofino in Tierrasanta, Muriel Vasconcellos is less than enthusiastic about the prospect of her HOA having to accept artificial grass, partly because she’s worried about potentially dangerous chemicals that have been found in some varieties.

Vasconcellos, a member of her association’s landscaping committee, said local rules don’t expressly prohibit artificial turf, but she doesn’t get the sense that many neighbors support it.

“People around here enjoy our area for its natural beauty,” she said.

So she's helping to replace her neighborhood's grassy areas with drought-tolerant plants. "I like a natural solution," Vasconcellos said.

Saldaña believes installing artificial grass will benefit HOAs by lowering water bills and maintenance costs. She lives in a rental complex that encourages use of artificial grass.

"It's very attractive," Saldaña said. "It obviously conserves water and can be maintained."

Assemblyman Ted Lieu, D-Torrance, has endorsed Saldaña's bill. Last year, he got the Legislature to pass legislation meant to push HOAs to allow more drought-resistant landscaping.

"We are still in a drought," Lieu said. "We have to change our ways."

The San Diego County Water Authority, noting that outdoor uses make up about 60 percent of household water consumption, is promoting artificial turf as an important way to battle drought.

"What we've been hearing for a number of months is that many HOAs were either prohibiting or limiting the use of artificial turf," said William Rose, head of the authority's conservation program.

His agency estimates that about 112 gallons of water would be saved each day if a coastal homeowner installed artificial grass in a 1,000-square-foot yard. That's roughly 41,000 gallons a year.

The savings would be even greater in warmer inland communities: approximately 156 gallons a day, or about 57,000 gallons annually.

Wilson, a consultant for the Fastrucking shipping service in San Diego, estimates that he could use 30,000 fewer gallons a year by not watering his 300-square-foot front yard.

That's enough for doing 1,200 loads of laundry with a newer, high-efficiency washing machine, or for flushing a low-flow toilet 18,750 times, according to the county water authority.

Wilson hopes the La Costa Greens board will approve his application and then clear the way for more of his neighbors to put in artificial grass. The savings could be 3 million gallons of water a year if 1,000 La Costa Greens residents converted, he said.

"It's not for everybody, but the option should be there for those who want to," Wilson said.

*Staff writer Mike Lee contributed to this report.*

INTRODUCED BY Assembly Member Saldana

FEBRUARY 10, 2010

An act to amend Section 1353.8 of the Civil Code, relating to common interest developments.

LEGISLATIVE COUNSEL'S DIGEST

AB 1793, as introduced, Saldana. Common interest developments: artificial turf.

Existing law requires a local agency to adopt a specified updated model ordinance regarding water-efficient landscapes or a water-efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance. Existing law allows certain water providers to take specified actions regarding water conservation.

The Davis-Stirling Common Interest Development Act provides for the creation and regulation of common interest developments. That act provides that a provision of any of the governing documents of a common interest development is void and unenforceable if it prohibits, or includes conditions that have the effect of prohibiting, the use of low water-using plants as a group, or if it has the effect of prohibiting or restricting compliance with a local water-efficient landscape ordinance or water conservation measure as described above.

This bill would provide that a provision of any of the governing documents of a common interest development would be void and unenforceable if it prohibits, or includes conditions that have the effect of prohibiting, the use of artificial turf or any other synthetic surface that resembles grass.

Vote: majority. Appropriation: no. Fiscal committee: no. State-mandated local program: no.

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. Section 1353.8 of the Civil Code is amended to read:

1353.8. (a) Notwithstanding any other law, a provision of any of the governing documents of a common interest development shall be void and unenforceable if it does any of the following:

(1) Prohibits, or includes conditions that have the effect of prohibiting, the use of low water-using plants as a group.

(2) Prohibits, or includes conditions that have the effect of prohibiting, the use of artificial turf or any other synthetic surface that resembles grass.

(2)

(3 ) Has the effect of prohibiting or restricting compliance with either of the following:

(A) A water-efficient landscape ordinance adopted or in effect pursuant to subdivision (c) of Section 6595 of the Government Code.

(B) Any regulation or restriction on the use of water adopted pursuant to Section 353 or 375 of the Water Code.

(b) This section shall not prohibit an association from applying landscaping rules and regulations established in the governing documents, to the extent the rules and regulations fully conform with the requirements of subdivision (a).

AB 1793 Assembly Bill - INTRODUCED.txt

AB 1061 Assembly Bill - CHAPTERED.txt  
AB 1061 Assembly Bill - CHAPTEREDBILL NUMBER: AB 1061 CHAPTERED  
BILL TEXT

CHAPTER 503  
FILED WITH SECRETARY OF STATE OCTOBER 11, 2009  
APPROVED BY GOVERNOR OCTOBER 11, 2009  
PASSED THE SENATE AUGUST 24, 2009  
PASSED THE ASSEMBLY AUGUST 27, 2009  
AMENDED IN SENATE AUGUST 17, 2009  
AMENDED IN SENATE JUNE 29, 2009  
AMENDED IN SENATE JUNE 10, 2009  
AMENDED IN SENATE MAY 27, 2009  
AMENDED IN ASSEMBLY APRIL 15, 2009  
AMENDED IN ASSEMBLY APRIL 13, 2009

INTRODUCED BY Assembly Member Lieu  
(Coauthors: Assembly Members Bill Berryhill, Huffman, Jeffries,  
Jones, Salas, and Skinner)  
(Coauthors: Senators DeSaulnier, Hancock, and Lowenthal)

FEBRUARY 27, 2009

An act to repeal and add Section 1353.8 of the Civil Code,  
relating to common interest developments.

#### LEGISLATIVE COUNSEL'S DIGEST

AB 1061, Lieu. Common interest developments: water-efficient  
landscapes.

Existing law requires a local agency to adopt a specified updated  
model ordinance regarding water-efficient landscapes or a  
water-efficient landscape ordinance that is at least as effective in  
conserving water as the updated model ordinance. Existing law allows  
certain water providers to take specified actions regarding water  
conservation.

The Davis-Stirling Common Interest Development Act provides for  
the creation and regulation of common interest developments. The act  
provides that the architectural guidelines of a common interest  
development shall not prohibit or include conditions that have the  
effect of prohibiting the use of low water-using plants as a group.

This bill would, instead, provide that a provision of any of the  
governing documents of a common interest development shall be void  
and unenforceable if it prohibits, or includes conditions that have  
the effect of prohibiting, the use of low water-using plants as a  
group, or if it has the effect of prohibiting or restricting  
compliance with a local water-efficient landscape ordinance or water  
conservation measure described above.

THE PEOPLE OF THE STATE OF CALIFORNIA DO ENACT AS FOLLOWS:

SECTION 1. The Legislature finds and declares all of the  
following:

(a) Landscapes are essential to the quality of life in California,  
and are an important aesthetic element with economic value in common  
interest developments.

(b) Landscape design, installation, maintenance, and management  
can and should be water efficient. The use of water-efficient  
landscapes contributes to the state's efforts to increase the  
reliability of its water supplies.

(c) There are common interest developments with governing

documents that hinder or preclude property owners from complying with applicable water conservation requirements.

(d) It is in the public interest to ensure that property owners within a common interest development comply with applicable state and local ordinances and regulations regarding water conservation and drought, while maintaining the inherent powers of a common interest development to establish uniform architectural and landscaping standards.

(e) It is also in the public interest to ensure that property owners within a common interest development may comply with emergency water use regulations adopted by authorized providers of public water supply.

SEC. 2. Section 1353.8 of the Civil Code is repealed.

SEC. 3. Section 1353.8 is added to the Civil Code, to read:

1353.8. (a) Notwithstanding any other law, a provision of any of the governing documents of a common interest development shall be void and unenforceable if it does any of the following:

(1) Prohibits, or includes conditions that have the effect of prohibiting, the use of low water-using plants as a group.

(2) Has the effect of prohibiting or restricting compliance with either of the following:

(A) A water-efficient landscape ordinance adopted or in effect pursuant to subdivision (c) of Section 65595 of the Government Code.

(B) Any regulation or restriction on the use of water adopted pursuant to Section 353 or 375 of the Water Code.

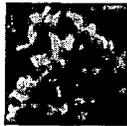
(b) This section shall not prohibit an association from applying landscaping rules and regulations established in the governing documents, to the extent the rules and regulations fully conform with the requirements of subdivision (a).



## Fire-Resistant California Friendly Plants

[Shrubs](#) | [Trees](#) | [Perennials and Annuals](#) | [Groundcover](#)

### Shrubs



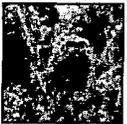
#### California Redbud

An interesting plant all year long, with magenta flowers on leafless stems in summer, followed by cri seedpods and heart-shaped blue-green leaves. Deciduous, with yellow or red fall foliage falling away winter to reveal smooth reddish brown trunks. Long lived, very drought tolerant, and flowers more profusely as it matures.



#### Monkeyflower (Mimulus)

This entire species is endorsed for use by San Diego County planners and the Los Angeles and Orange County fire departments. Be sure to check out the drought-tolerant varieties.



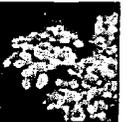
#### Ceanothus 'Concha'

This California lilac is a large shrub with a dense mass of dark green, 1-inch leaves, with dark blue cl of flowers appearing in spring. Requires good drainage; can tolerate summer water. Grows to six fee



#### Sage (Salvia)

Nothing evokes California quite like a sage-scented hillside. Beloved by hummingbirds and firefighter alike, the autumn sage pictured here is endorsed for use by the Orange County Fire Authority, while entire sage species is endorsed by the Los Angeles County Fire Department.



#### Common Yarrow (Achillea millefolium)

It appears on fire-resistant lists for California Native Plant Society, Western MWD (zone 3), San Diego County, and Orange County fire. However it is not on the approved list for Los Angeles County fire. \ also can be used as a groundcover if mowed.



#### French Lavender (Lavandula dentata)

Although not a true California native, this attractive drought-tolerant plant is endorsed for Zone B us Los Angeles County, and also makes fire-resistant lists for the Inland Empire and Orange and San Di counties.

### Trees



#### Coast Live Oak

Handsome shade tree. Round-headed with dense foliage, grows 20-70 feet tall. Smooth, dark grey bark, with leathery dark green leaves. Native to coastal central and Southern California.

## INVASIVE PLANT LIST

The following species are considered invasive (i.e., those capable of reproducing and spreading into native, non-irrigated areas and displacing those communities). Non-native plant species are prohibited in all areas adjacent to open space lands. Noxious weeds that have been introduced to San Diego County over the years tend to be more widespread and therefore more difficult to contain. The plants listed below have been identified as invasive and/or as noxious weeds and should not be planted or allowed to sprout in any transitional landscapes (landscapes planted with non-native species next to undeveloped areas).

<b><u>BOTANICAL NAME</u></b>	<b><u>COMMON NAME</u></b>
<u><i>Ailanthus altissima</i></u>	Tree of Heaven
<u><i>Anthemis cotula</i></u> ***	Mayweed, Stinking Chamomile
<u><i>Arctotheca calandola</i></u>	Cape Weed
<u><i>Arundo donax</i></u>	Giant Cane
<u><i>Atriplex semibaccata</i></u>	Australian Saltbush
<u><i>Brassica species</i></u> ***	Mustard
<u><i>Cardaria draba</i></u> ***	Hoary Cress, Perennial Peppergrass
<u><i>Carpobrotus edulis</i></u>	Ice Plant
<u><i>Centaurea solstitialis</i></u>	Yellow Starthistle
<u><i>Cirsium vulgare</i></u> ***	Wild Artichoke
<u><i>Conium maculatum</i></u>	Poison Hemlock
<u><i>Conyza Canadensis</i></u> ***	Horseweed
<u><i>Cortaderia selloana</i></u>	Pampas Grass
<u><i>Cotoneaster lacteus</i></u>	Cotoneaster
<u><i>Cupressus macrocarpa</i></u>	Monterey Cypress
<u><i>Cynara cardunculus</i></u> ***	Artichoke Thistle
<u><i>Cytisus species</i></u>	Scotch Broom, French Broom, etc
<u><i>Elaeagnus angustifolia</i></u>	Russian Olive
<u><i>Eucalyptus globulus</i></u>	Eucalyptus Blue Gum
<u><i>Gensita species</i></u> ***	Broom
<u><i>Hedera helix</i></u>	English Ivy
<u><i>Hypericum perforatum</i></u>	St. John's Wort
<u><i>Ilex aquifolium</i></u>	English Holly
<u><i>Lactuca serriola</i></u> ***	Prickly Lettuce
<u><i>Lepidium latifolium</i></u>	Perennial Pepperweed
<u><i>Myoporum parvifolium</i></u>	Trailing Myoporum
<u><i>Nerium oleander</i></u>	Oleander
<u><i>Nicotiana species</i></u>	Tree Tobacco
<u><i>Olea europaea</i></u>	Olive
<u><i>Pennisetum setaceum</i></u>	Fountain Grass
<u><i>Ricinus communis</i></u>	Castor Bean
<u><i>Robinia pseudoacacia</i></u>	Black Locust
<u><i>Salsola australis</i></u> ***	Russian Thistle, Tumbleweed
<u><i>Schinus molle</i></u>	California Pepper
<u><i>Schinus terebinthifolius</i></u>	Brazilian Pepper
<u><i>Silybum marianum</i></u> ***	Milk Thistle
<u><i>Spartium junceum</i></u>	Spanish Broom

Tamarix species

Ulex europea\*\*\*

Vinca major

Tamarisk

Gorse

Periwinkle

\*\*\* Introduced Weeds to San Diego County

**References:** Bell, Carl, Regional Advisor – Invasive Plants. 2004. University of California Cooperative Extension.

California Exotic Pest Plant Council. October, 1999. Exotic Pest Plants of Greatest Ecological Concern in California. Most Invasive Wildland Pest Plants. [www.caleppc.org/info/99lista.html](http://www.caleppc.org/info/99lista.html).

## SUGGESTED PLANT LIST FOR A DEFENSIBLE SPACE

BOTANICAL NAME	COMMON NAME	Climate Zone
<b>TREES</b>		
Acer		
platanoides	Norway Maple	M
rubrum	Red Maple	M
saccharinum	Silver Maple	M
saccarum	Sugar Maple	M
macrophyllum	Big Leaf Maple	C/ (R)
Alnus rhombifolia	White Alder	C/I/M (R)
Arbutus		
unedo	Strawberry Tree	All zones
Archontophoenix		
cunninghamiana	King Palm	C
Arctostaphylos spp.**	Manzanita	C/I/D
Brahea		
armata	Blue Hesper Palm	C/D
edulis	Guadalupe Palm	C/D
Ceratonia siliqua	Carob	C/I/D
Cerdidium floridum	Blue Palo Verde	D
Cercis occidentalis**	Western Redbud	C/I/M
Cornus		
nuttallii	Mountain Dogwood	I/M
stolonifera	Redtwig Dogwood	I/M
Eriobotrya		
japonica	Loquat	C
Erythrina caffra	Kaffirboom Coral Tree	I/M
Gingko biloba "Fairmount"	Fairmount Maidenhair Tree	I/D/M
Gleditsia triacanthos	Honey Locust	
Juglans		
californica	California Walnut	C/I
hindsii	California Black Walnut	I/D/M
Lagerstroemia indica	Crape Myrtle	I
Ligustrum lucidum	Glossy Privet	C/I/M
Liquidambar styraciflua	Sweet Gum	I
Liriodendron tulipifera	Tulip Tree	
Lyonothamnus floribundus		
ssp. Asplenifolius	Fernleaf Catalina Ironwood	C
Melaleuca spp.	Melaleuca	C/I
Parkinsonia aculeate	Mexican Palo Verde	
Pistacia		
chinensis	Chinese Pistache	
	Pistachio Nut	C/I/D

vera	Pistachio Nut	I
Pittosporum		
phillyraeoides	Willow Pittosporum	C/I/D
viridiflorum	Cape Pittosporum	C/I
Platanus		
acerifolia	London Plane Tree	All zones
racemosa**	California Sycamore	C/I/M
Populus		
alba	White Poplar	D/M
fremontii**	Western Cottonwood	I
trichocarpa	Black Cottonwood	I/M
Prunus		
xblireiana	Flowering Plum	M
caroliniana	Carolina Laurel Cherry	C
ilicifolia**	Hollyleaf Cherry	C
lyonii**	Catalina Cherry	C
serrulata 'Kwanzan'	Flowering Cherry	M
yedoensis 'Akebono'	Akebono Flowering Cherry	M
Quercus		
agrifolia**	Coast Live Oak	C/I
engelmannii	Engelmann Oak	I
**  suber	Cork Oak	C/I/D
Rhus		
lancea**	African Sumac	C/I/D
Salix spp.**	Willow	All zones (R)
Tristania conferta	Brisbane Box	C/I
Ulmus		
parvifolia	Chinese Elm	I/D
pumila	Siberian Elm	C/M
Umbellularia californica**	California Bay Laurel	C/I

# SHRUBS

Agave	Century Plant	D
americana	Century Plant	D
deserti	Shawis Century Plant	D
shawii**		
Amorpha fruticosa**	False Indigobush	I
Arbutus		
menziesii**	Madrone	C/I
Arctostaphylos spp.**	Manzanita	C/I/D
Atriplex**		
canescens	Hoary Saltbush	I
lentiformis	Quail Saltbush	D
Baccharis**		
glutinosa	Mule Fat	C/I
pilaris	Coyote Bush	C/I/D
Carissa grandiflora	Natal Plum	C/I
Ceanothus spp.**	California Lilac	C/I/M
Cistus spp.	Rockrose	C/I/D
Cneoridium dumosum**	Bushrue	C
Comarostaphylis**		
diversifolia	Summer Holly	C
Convolvulus cneorum	Bush Morning Glory	C/I/M
Dalea		
orcuttii	Orcutt's Delea	D
spinosa**	Smoke Tree	I/D
Elaeagnus		
pungens	Silverberry	C/I/M
Encelia**		
californica	Coast Sunflower	C/I
farinose	White Brittlebush	D/I
Eriobotrya		
deflexa	Bronze Loquat	C/I
Eriophyllum		
confertiflorum**	Golden Yarrow	C/I
staechadifolium	Lizard Tail	C
Escallonia spp.	Escallonia	C/I
Feijoa sellowiana	Pineapple Guava	C/I/D
Fouquieria splendens	Ocotillo	D
Fremontodendron**		
californicum	Flannelbush	I/M
mexicanum	Southern Flannelbush	I
Galvezia		
juncea	Baja Bush-Snapdragon	C
speciosa	Island Bush-Snapdragon	C
Garrya		
elliptica	Coast Silktassel	C/I
flavescens**	Arch Silktassel	I/M

Heteromeles arbutifolia**	Ashy Silktassel	I/M
Lantana spp.	Toyon	C/I/M
Lotus scoparius	Lantana	C/I/D
Mahonia spp.	Deerweed	C/I
	Barberry	C/I/M
Malacothamnus clementinus		
	San Clemente Island Bush Mallow	C
fasciculatus**		
	Mesa Bushmallow	C/I
Melaleuca spp.	Melaleuca	C/I/D
Mimulus spp.**	Monkeyflower	C/I (R)
Nolina		
parryi	Parry's Nolina	I
parryi ssp. wolfii	Wolf's Bear Grass	D
Photinia spp.	Photinia	All Zones
Pittosporum		
crassifolium	Queensland Pittosporum	C/I
rhombofolium	Wheeler's Dwarf	C/I/D
tobira 'Wheeleri'	Victorian Box	C/I
undulatum	Cape Pittosporum	C/I
viridiflorum	Cape Plumbago	C/I/D
Plumbago auriculata		
Prunus	Carolina Laurel Cherry	C
caroliniana	Hollyleaf Cherry	C
ilicifolia**	Catalina Cherry	C
lyonii**	Pomegranate	C/I/D
Punica granatum	Firethorn	All Zones
Pyracantha spp.		
Quercus	Scrub Oak	C/I
dumosa**		
Rhamus	Italian Blackthorn	C/I
alaternus	Coffeeberry	C/I/M
californica**	Rhaphiolepis	C/I/D
Rhaphiolepis spp.		
Rhus	Lemonade Berry	C/I
integrifolia**	Laurel Sumac	C/I
laurina	Pink-Flowering Sumac	C/D
lentii	Sugarbush	I/M
ovata**	squawbush	I
trilobata**		
Ribes	Evergreen Currant	C/I
viburnifolium	Fuschia-Flowering Gooseberry	C/I/D
speciosum**	Matilija Poppy	I
Romneya coulteri		
Rosa		
californica**		
minutifolia		

Salvia spp.**	California Wild Rose	C/I
Sambucus spp.**	Baja California Wild Rose	C/I
Symphoricarpos mollis**	Sage	All Zones
Syringa vulgaris	Elderberry	C/I/M
Tecomaria capensis	Creeping Snowberry	C/I
Teucrium fruticans	Lilac	M
Toxicodendron**	Cape Honeysuckle	C/I/D
diversilobum	Bush Germander	C/I
Verbena		
lilacina	Poison Oak	I/M
Xylosma congestum		
Yucca**	Lilac Verbena	C
schidigera	Shiny Xylosma	C/I
whipplei		
	Mojave Yucca	D
	Foothill Yucca	I

## GROUNDCOVERS

Achillea**	Yarrow	All Zones
Aptenia cordifolia	Apteria	C
Arctostaphylos spp.**	Manzanita	C/I/D
Baccharis**		
pilularis	Coyote Bush	C/I/D
Ceanothus spp.**	California Lilac	C/I/M
Cerastium tomentosum	Snow-in-Summer	All Zones
Coprosma kirkii	Creeping Coprosma	C/I/D
Cotoneaster spp.	Redberry	All Zones
Drosanthemum hispidum	Rosea Ice Plant	C/I
Dudleya		
brittonii	Brittonis Chalk Dudleya	C
pulverulenta**	Chalk Dudleya	C/I
virens	Island Live Fore-ever	C
Eschscholzia californica**	California Poppy	All Zones
Euonymus fortunei		
'Carrierei'	Glossy Winter Creeper	M
'Coloratus'	Purple-Leaf Winter Creeper	M
Ferocactus viridescens**	Coast Barrel Cactus	C
Gaillardia grandiflora	Blanket Flower	All Zones
Gazania spp.	Gazania	C/I
Helianthemum spp.**	Sunrose	All Zones
Lantana spp.	Lantana	C/I/D
Lasthenia		
californica**	Common Goldfields	I
glabrata	Coastal Goldfields	C
Lupinus spp.**	Lupine	C/I/M
Myoporum spp.	Myoporum	C/I
Pyracantha spp.	Firethorn	All zones
Rosmarinus officinalis	Rosemary	C/I/D
Santolina		
chamaecyparissus	Lavender Cotton	All Zones
virens	Santolina	All Zones
Trifolium frageriferum	O'Connor's Legume	C/I
Verbena		
rigida	Verbena	All Zones
Viguiera laciniata**	San Diego Sunflower	C/I
Vinca		
minor	Dwarf Periwinkle	M

## VINES

Antigonon leptopus	San Miguel Coral Vine	C/I
Distictis buccinatoria	Blood-Red Trumpet Vine	C/I/D
Keckiella cordifolia**	Heart-Leaved Penstemon	C/I
Lonicera		
japonica 'Halliana'	Hall's Honeysuckle	All Zones
subspicata**	Chaparral Honeysuckle	C/I
Solanum		
jasminoides	Potato Vine	C/I/D

## PERENNIALS

Coreopsis	Giant Coreopsis	C
gigantea	Coreopsis	All Zones
grandiflora	Sea Dahlia	C
maritima	Coreopsis	C/I
verticillata	Island Coral Bells	C/I
Heuchera maxima	Douglas Iris	C/M
Iris douglasiana**	Poverty Weed	C/I
Iva hayesiana**	Red-Hot Poker	C/M
Kniphofia uvaria	Lavender	All Zones
Lavandula spp.		
Limonium californicum	Coastal Statice	C
var. mexicanum	Sea Lavender	C/I
perezii	Primrose	C/I/M
Oenothera spp.	Penstemon	C/I/D
Penstemon spp.**	Yerba Buena	C/I
Satureja douglasii		
Sisyrinchium	Blue-Eyed Grass	C/I
bellum	Golden-Eyed Grass	C
californicum		
Solanum	Purple Nightshade	C/I
xantii		
Zauschneria**	California Fuschia	C/I
californica	Hoary California Fuschia	C/I
cana	Catalina Fuschia	C/I
'Catalina'		

## ANNUALS

Lupinus spp.**	Lupine	C/I/M
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## UNDESIRABLE PLANT LIST

The following species are highly flammable and should be avoided when planting within the first 50 feet adjacent to a structure. The plants listed below are more susceptible to burning, due to rough or peeling bark, production of large amounts of litter, vegetation that contains oils, resin, wax, or pitch, large amounts of dead material in the plant, or plantings with a high dead to live fuel ratio. Many of these species, if existing on the property and adequately maintained (pruning, thinning, irrigation, litter removal, and weeding), may remain as long as the potential for spreading a fire has been reduced or eliminated.

<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>
<u>Abies species</u>	Fir Trees
<u>Acacia species</u>	Acacia (trees, shrubs, groundcovers)
<u>Adenostoma sparsifolium**</u>	Red Shanks
<u>Adenostoma fasciculatum**</u>	Chamise
<u>Agonis juniperina</u>	Juniper Myrtle
<u>Araucaria species</u>	Monkey Puzzle, Norfolk Island Pine
<u>Artemesia californica**</u>	California Sagebrush
<u>Bambusa species</u>	Bamboo
<u>Cedrus species</u>	Cedar
<u>Chamaecyparis species</u>	False Cypress
<u>Coprosma pumila</u>	Prostrate Coprosma
<u>Cryptomeria japonica</u>	Japanese Cryptomeria
<u>Cupressocyparis leylandii</u>	Leylandii Cypress
<u>Cupressus forbesii**</u>	Tecate Cypress
<u>Cupressus glabra</u>	Arizona Cypress
<u>Cupressus sempervirens</u>	Italian Cypress
<u>Dodonea viscosa</u>	Hopseed Bush
<u>Eriogonum fasciculatum**</u>	Common Buckwheat
<u>Eucalyptus species</u>	Eucalyptus
<u>Heterotheca grandiflora**</u>	Telegraph Plant
<u>Juniperus species</u>	Junipers
<u>Larix species</u>	Larch
<u>Lonicera japonica</u>	Japanese Honeysuckle
<u>Miscanthus species</u>	Eulalia Grass
<u>Muehlenbergia species**</u>	Deer Grass
<u>Palmae species</u>	Palms
<u>Picea species</u>	Spruce Trees
<u>Pickeringia Montana**</u>	Chaparral Pea
<u>Pinus species</u>	Pines
<u>Podocarpus species</u>	Fern Pine
<u>Pseudotsuga menziesii</u>	Douglas Fir
<u>Rosmarinus species</u>	Rosemary
<u>Salvia mellifera**</u>	Black Sage
<u>Taxodium species</u>	Cypress
<u>Taxus species</u>	Yew
<u>Thuja species</u>	Arborvitae
<u>Tsuga species</u>	Hemlock
<u>Urtica urens**</u>	Burning Nettle

\*\* San Diego County native species

**References:** Gordon, H. White, T.C. 1994. Ecological Guide to Southern California Chaparral Plant Series. Cleveland National Forest.

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# COUNTY OF LOS ANGELES

## FIRE DEPARTMENT

1320 NORTH EASTERN AVENUE  
LOS ANGELES, CALIFORNIA 90063-3294  
(323) 881-2401

P. MICHAEL FREEMAN  
FIRE CHIEF  
FORESTER & FIRE WARDEN

July 17, 2007

Dear Resident:

I am writing to advise you about this year's fire season and the important role that you play as a homeowner living in a very high fire hazard severity zone. The next four to five months will prove to be the most dangerous time of the year for destructive wildland fires because of low humidity, strong winds, and the critically dry vegetation and brush conditions that we are experiencing much earlier in the year than normal. Wildland fires are already burning with extreme intensity and spreading rapidly. We urge you to do all that you can to protect your home.

The most important thing that you can do to help your local firefighters to protect your home is to **properly clear brush located around the perimeter of your home**. Failure to do this will make it difficult if not impossible for firefighters to protect it. In the event of a brush fire, numerous firefighters, aircraft, and specialized equipment will respond as quickly as possible. If brush clearance is not done adequately and completely, our firefighters may be forced to retreat. Please do your part to help us meet our mission and keep everyone safe.

Especially during fire season, it is also important for you to **pay close attention to conditions in your neighborhood and immediately comply with instructions to evacuate in the event of a fire**. To help you learn more about evacuation and brush clearance procedures, enclosed is some helpful information for you to review with all members of your family. Take action now to prepare your family and protect your property.

For additional information, please contact your local fire station or call the Los Angeles County Fire Department Public Information Office at (323) 881-2411. Also, you may access our website at [www.fire.lacounty.gov](http://www.fire.lacounty.gov) for additional safety information on this topic and many more.

On behalf of all of us at the Los Angeles County Fire Department, have a safe and enjoyable summer.

Very truly yours,

P. MICHAEL FREEMAN

SERVING THE UNINCORPORATED AREAS OF LOS ANGELES COUNTY AND THE CITIES OF:

AGOURA HILLS	CALABASAS	DIAMOND BAR	HIDDEN HILLS	LA MIRADA	MALIBU	POMONA	SIGNAL HILL
ARTEBIA	CARSON	DUARTE	HUNTINGTON PARK	LA PUENTE	MAYWOOD	RANCHO PALOS VERDES	SOUTH EL MONTE
AZUSA	CERRITOS	EL MONTE	INDUSTRY	LAKEWOOD	NORWALK	ROLLING HILLS	SOUTH GATE
BALDWIN PARK	CLAREMONT	GARDENA	INGLEWOOD	LANCASTER	PALMDALE	ROLLING HILLS ESTATES	TEMPLE CITY
BELL	COMMERCE	GLENORA	IRVINDALE	LAWNDALE	PALOS VERDES ESTATES	ROSEMEAD	WALNUT
BELL GARDENS	COVINA	HAWAIIAN GARDENS	LA CANADA FLINTRIDGE	LOMITA	PARAMOUNT	SAN DIMAS	WEST HOLLYWOOD
BELLFLOWER	CUDAHY	HAWTHORNE	LA HABRA	LYNWOOD	PICO RIVERA	SANTA CLARITA	WESTLAKE VILLAGE
BRADBURY							WHITTIER



# Los Angeles County Fire Department

## Safety Tips for Living in a Brush Area

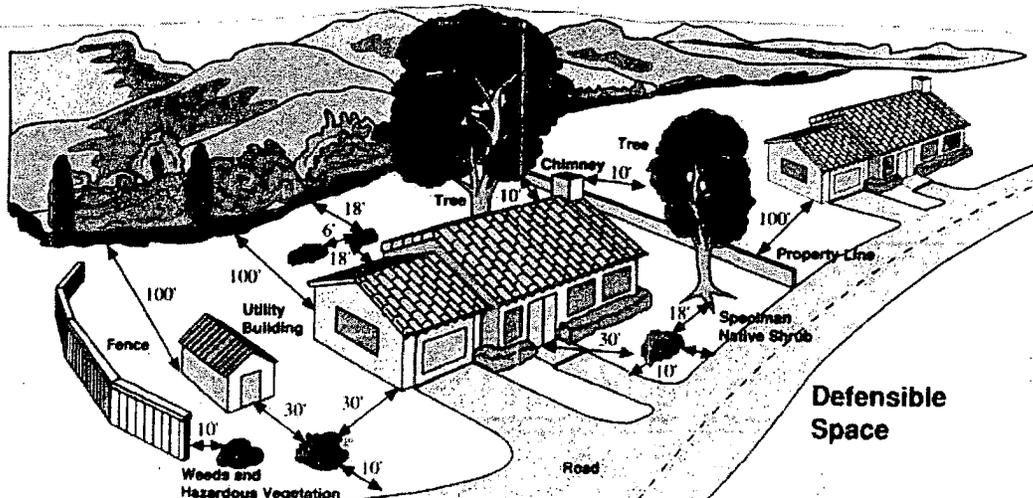
### Home Landscaping and Yard

- Remove flammable vegetation dead material and other combustible growth within 30 ft. of any structures. Increase to 50 ft. in high hazard areas. Thin out or remove other vegetation an additional 70 ft. from structures for a total of 100 ft. (200 ft. in high hazard areas).
- Single trees, ornamental shrubbery and ground covers may be permitted provided they do not readily transmit fire from native vegetation to structures.
- Landscape with plants that are drought tolerant and fire resistant.
- Space small trees and large shrubs a minimum of 15 ft. between canopies or three times their height for smaller shrubs.
- Large trees should be spaced a minimum of 30 ft. between canopies at maturity.
- Trees taller than 18 ft, remove lower branches within 6 ft. of the ground.
- For trees and shrubs of less than 18 ft. remove lower branches to one-third of their height.
- Maintain all plants by regularly removing dead branches and leaves.

- Remove all stacks of combustible materials
- Remove debris from rain gutters.
- Stack wood at least 30 ft. from structures. Remove flammable vegetation within 10 ft. of woodpiles.
- Locate fixed butane/propane tanks at least 10 ft. from any structure and maintain 10 ft. of clearance.

### Home Access

- Identify at least two exit routes from your neighborhood.
- Post road signs to show traffic restrictions such as dead-end roads and height and weight limits.
- Clear flammable vegetation at least 10 ft. from roads and driveways.
- Cut overhanging tree branches above roads to provide minimum of 16 ft. of vertical clearance.
- Make sure street names and numbers are visible at intersections.
- Post address on front of house. If your house is not visible from street, post sign next to the vehicle entrance or have your address on the curb.



## **Operation Evacuation**

### **Evacuation Plan**

*Do you have one?*

Emergency preparedness must be a priority for everyone that lives or works in a wildland-urban interface. A major part of your preparedness is to develop a well thought out and executed evacuation plan. A good evacuation plan includes the following:

- Predetermined routes of travel based on direction fire is moving.
- Identification of at least two (2) exit routes from your neighborhood.
- Knowledge of designated residential assembly points within your local area.
- Knowledge of local emergency contacts.
- Plan, review and practice with family and neighbors.

### **Preparation Ahead of the Fire**

- Back the car in the garage heading out (windows closed and keys in the ignition).
- Close the garage door, leave it unlocked and disconnect the automatic garage door opener in case of power failure.
- Place important documents, photo albums, pets and other valuables inside your car in case you have to evacuate.
- Keep a flashlight and portable radio with you at all times and stay tuned to your local news station.

### **During Evacuation**

- If you become trapped by fire while evacuating in your car, park in an area clear of vegetation, close all vehicle windows and vents, cover yourself with a blanket or jacket and lie on the floor.
- If you are trapped by fire while evacuating on foot, select an area clear of vegetation or lie faced down in a ditch.

### **If You Are Unable to Evacuate When a Fire Approaches**

- Stay inside your house away from outside walls.
- Keep all doors closed but leave them unlocked.
- Keep your entire family together and **REMAIN CALM**. Remember if it gets in the house, it is four to five times hotter and more dangerous outside.

### **After the Fire Passes**

- Check the exterior and roof immediately, extinguish all sparks and embers. If you must climb on the roof, use caution.
- Check inside the attic for hidden burning embers.
- Check your yard for burning woodpiles, trees, fence posts or other materials.

March 16, 2010

Electronic Mail

Honorable Curtis Morris,  
Mayor, City of San Dimas  
245 E. Bonita Avenue,  
San Dimas, CA 91773

Dear Mayor Morris,

**MARCH 9, 2010 SAN DIMAS CITY COUNCIL AGENDA 5.a – ORDINANCE  
NO. 1196, AMENDING CHAPTER 18.14 OF THE ZONING CODE, TITLED  
WATER EFFICIENT LANDSCAPE**

As a resident of the City of San Dimas, I would like to thank you for the opportunity to submit comments on the subject proposal. On March 9, 2010, I attended and spoke during the public hearing being conducted by the City Council on the subject proposal. The City Council voted to continue the public hearing to its meeting of April 13, 2010, while seeking additional comments from public. The following comments are being provided:

**A. GENERAL COMMENTS**

1. Throughout the staff report as well as the proposed ordinance and the Notice of Public Hearing, references have been made to AB (Assembly Bill) 1881 and SB (Senate Bill) 1881. The subject Ordinance is being drafted pursuant to "AB 1881", enacted in 2006, and not SB 1881. As such, references to SB 1881 need to be corrected and references to AB 1881 need to be stated either as "AB 1881 (2006)" or "Chapter 559 of the State Statute of 2006." A copy of the chaptered version of AB 1881 is enclosed.
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*"(c) On or before **January 1, 2010**, a local agency **shall** adopt one of the following:*

- (1) A water efficient landscape ordinance that is, **based on evidence in the record**, at least as effective in conserving water as the updated model ordinance adopted by the department pursuant to subdivision(a).*
- (2) The updated model ordinance described in paragraph (1).*

5. In an effort to promote the use of artificial turfs, the City staff has indicated that such a use would reduce the amount of green waste (grass clippings) currently going to landfills. However, staff has failed to recognize that artificial turf after its useful life will also go to landfills for disposal. Needless to say, these materials are man-made, mostly from fossil fuel related sources and unlike green waste, they are not biodegradable. The City of San Dimas needs to adopt specific guidelines as to what type of material can be used, the minimum permeability of such materials to ensure the City's compliance with the requirements of the Federal Clean Water Act (Stormwater Permit), the fire protection classification, the minimum content of recycled materials (if any), what percentage of a property could be covered, would the turf vendor/manufacture be willing to take back used-turfs for recycling and/or disposal at the end of their useful life consistent with the City's Extended Producer Responsibility, etc
6. The proposed Ordinance **and** its implementing Guidelines as written are too technical and difficult for a common person, like me, to understand. Is it the intent of the City to force a resident that wants to replace/repair his/her existing lawn to hire a professional consultant to explain to him/her as to the requirements of the said Ordinance and Guidelines? And, must the resident hire an **undefined** "licensed company" to replace/repair the lawn? At what cost? I do not believe that the foregoing is the City's intent. As such, the proposals need to be rewritten.
7. At the public hearing on March 9<sup>th</sup>, the City staff was not able to provide an estimate of the cost for a homeowner with an average lot size to comply with the requirements of the proposed Ordinance and its implementing Guidelines. Hopefully prior to the April 13, 2010 City Council meeting, staff would be able to develop an estimate of the proposal's cost for an average residential and commercial lots.

#### **B. SPECIFIC COMMENTS – PROPOSED ORDINANCE**

1. **Section 18.14.010. D** – The proposal states that the intent of the Ordinance is "To acknowledge that landscape water use accounts for **more than 60% of the domestic water use** (emphasis added)." I request that the City substantiate such a claim, including all calculations and a list of documents used to reach to such a conclusion for the City of San Dimas. Additionally, why such a finding/claim is required in order for the City to adopt the said Ordinance?

March 16, 2010

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Sincerely,

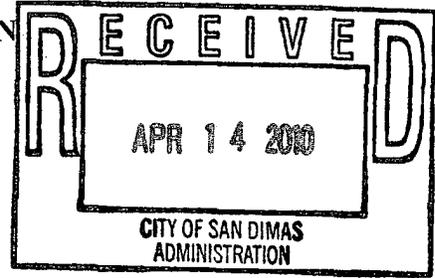
*Signed*

**MIKE MOHAJER**  
P.O. Box 3334,  
San Dimas, CA 91773

Enc: 2

cc: Each Member of the San Dimas City Council  
City of San Dimas (Blaine Michaelis, Ina Rios, Kevin Frey)

REGENCY HILL  
HOMEOWNERS ASSOCIATION



April 13, 2010

Honorable Curtis Morris, Mayor  
City of San Dimas  
245 E. Bonita Avenue  
San Dimas, Ca 91773

Dear Mayor Morris,

**RE: MARCH 9, 2010 San Dimas CITY COUNCIL AGENDA 5.a – ORDINANCE NO. 1196, AMENDING CHAPTER 18.14 OF THE ZONING CODE, TITLED WATER EFFICIENT LANDSCAPE**

I am writing to you on behalf of the Board of Directors for Regency Hill Homeowners Association regarding the aforementioned proposed city ordinance.

Regency Hill Homeowners Association represents 56 homeowners in the City of San Dimas. The Board has reviewed the proposed ordinance as well as the March 16, 2010 letter from one of our homeowners, Mike Mohajer, sent to you in regards to the subject proposal; copy enclosed.

On April 12, 2010, the Board of Directors formally considered the draft ordinance. The Board generally is in support of the comments offered by Mr. Mohajer but specifically voted to oppose the staff proposal in regards to the use of artificial turf landscaping by residents within the common interest development. As recommended by City staff, if a Homeowners Association's (HOA) governing documents prohibit the use of artificial turf by its members/residents, then "the matter could be appealed to the appropriate city body." We respectfully request that the proposal be revised to exclude its applicability to Homeowners Associations formed pursuant to the California Davis-Stirling Common Interest Development Act. Otherwise, we request that (1) all HOAs in the City of San Dimas be notified as to the City's proposal for encroachment into each HOA's governing documents, and (2) the City conducts a formal public hearing on the said proposal to receive comments from the impacted communities.

Thank you for your consideration and looking forward to your written response. I may be contacted via email at [sara@cmsmgmt.com](mailto:sara@cmsmgmt.com) or directly by phone at 909-399-3103, ext. 320. My fax number is (909) 398-1078.

Sincerely,  
Sara E. Revello *SER*  
Business Agent  
Regency Hill Homeowners Association

cc: Board of Directors                      Enclosure

March 16, 2010

Electronic Mail

Honorable Curtis Morris,  
Mayor, City of San Dimas  
245 E. Bonita Avenue,  
San Dimas, CA 91773

Dear Mayor Morris,

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**A. GENERAL COMMENTS**

1. Throughout the staff report as well as the proposed ordinance and the Notice of Public Hearing, references have been made to AB (Assembly Bill) 1881 and SB (Senate Bill) 1881. The subject Ordinance is being drafted pursuant to "AB 1881", enacted in 2006, and not SB 1881. As such, references to SB 1881 need to be corrected and references to AB 1881 need to be stated either as "AB 1881 (2006)" or "Chapter 559 of the State Statute of 2006." A copy of the chaptered version of AB 1881 is enclosed.
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- (2) The updated model ordinance described in paragraph (1).*

(d) *If the local agency has not adopted, on or before January 1, 2010, a water efficient landscape ordinance pursuant to subdivision(c), the updated model ordinance adopted by the department pursuant to subdivision (a) shall apply within the jurisdiction of the local agency as of that date, shall be enforced by the local agency, and shall have the same force and effect as if adopted by the Local agency (emphasis added).*"

Accordingly, the City has missed the opportunity to adopt its own "updated Water Efficient Landscape Ordinance by the deadline of January 1, 2010, and as such has been preempted by the State. The subject matter has been discussed with the City (please see the enclosed email of Mar 15, 2010 from Ms. Ina Rios, the City Clerk) and staff has stated that the California Department of Water Resources (DWR) has indicated "that as long as we are making progress towards implementing our own ordinance that they will allow us to submit our ordinance after the deadline." However, State law (i.e Section 65595 of the Government Code) does not grant any authority to the DWR to grant a jurisdiction an implementation date beyond the deadline of January 1, 2010. This is a critical issue that must be legally addressed prior to any further action on the proposed Ordinance.

3. A copy of the DWR's *Updated Model Ordinance* needs to be made available to the public on the San Dimas website.
4. In re to the use of artificial turf landscaping by residents within the common interest developments, staff has recommended that if a Homeowner Association (HOA) governing documents prohibit the use of artificial turf by its members/residents, then "the matter could be appealed to the appropriate city body." Such a proposal appears to be in violation of the current California Davis-Stirling Common Interest Development Act. However, as I indicated during the public hearing on March 9<sup>th</sup>, there is a State legislative proposal by Assembly Member Saldana (AB 1793, introduced February 10, 2010) which if enacted would amend the Davis-Stirling Common Interest Act by prohibiting a HOA's governing documents to prevent the use of artificial turfs.

The staff proposal, if adopted, will erode governing documents of all homeowner associations located in the City of San Dims. The City should recognize that the relationship between any HOA and its members is essentially a contract. Therefore, the staff proposal needs to be eliminated from any further consideration.

5. In an effort to promote the use of artificial turfs, the City staff has indicated that such a use would reduce the amount of green waste (grass clippings) currently going to landfills. However, staff has failed to recognize that artificial turf after its useful life will also go to landfills for disposal. Needless to say, these materials are man-made, mostly from fossil fuel related sources and unlike green waste, they are not biodegradable. The City of San Dimas needs to adopt specific guidelines as to what type of material can be used, the minimum permeability of such materials to ensure the City's compliance with the requirements of the Federal Clean Water Act (Stormwater Permit), the fire protection classification, the minimum content of recycled materials (if any), what percentage of a property could be covered, would the turf vendor/manufacture be willing to take back used-turfs for recycling and/or disposal at the end of their useful life consistent with the City's Extended Producer Responsibility, etc
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2. **Section 18.14.030. A.2** – In re to the phrase “discretionary approval”, please explain what City agency will be granted with such a discretionary approval.
3. **Section 18.14.060. A.1** – In re to the phrase “.... and as may be mutually agreed by the City”, it is strongly suggested that the “may be” be deleted from the phrase to read “.... and as mutually agreed by the City.”
4. **Section 18.14.060. C** – As indicated in the above General Comment A.4, the proposal needs to be revised to exclude its applicability to Homeowners Associations formed pursuant to the California Davis-Stirling Common Interest Development Act.
5. **Section 18.14.070** – See the above General Comment A.5.
6. **Section 18.14.080. C** – It is stated that *“The Director of Development Services Department decision may be appealed to Development Plan Review Board in writing. The Development Plan Review Board shall not be required in granting a minor decision to this chapter or accompanying Guidelines.”* Based on the foregoing, it is not clear if the proposal grants any authority to the Development Plan Review Board. I believe that the Board, in its decision making process, should be granted the authority to make a deviation to the Guidelines, if necessary.
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#### **C. SPECIFIC COMMENTS – GUIDELINES**

Please refer to the above General Comments A.1 and A.3 through A.7.

March 16, 2010  
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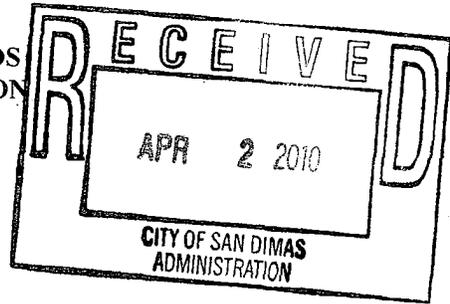
*Signed*

**MIKE MOHAJER**  
P.O. Box 3334,  
San Dimas, CA 91773

Enc: 2

cc: Each Member of the San Dimas City Council  
City of San Dimas (Blaine Michaelis, Ina Rios, Kevin Frey)

**BEL VINTAGE/THE LEGENDS  
HOMEOWNERS ASSOCIATION**



March 31, 2010

Honorable Curtis Morris, Mayor  
City of San Dimas  
245 E. Bonita Avenue  
San Dimas, Ca 91773

Dear Mayor Morris,

**RE: MARCH 9, 2010 San Dimas CITY COUNCIL AGENDA 5.a – ORDINANCE NO. 1196,  
AMENDING CHAPTER 18.14 OF THE ZONING CODE, TITLED WATER EFFICIENT  
LANDSCAPE**

I am writing to you on behalf of the Board of Directors for Bel Vintage/The Legends Homeowners Association regarding the aforementioned proposed city ordinance.

Bel Vintage Homeowners Association represents 122 homeowners in the City of San Dimas. The Board has reviewed the proposed ordinance as well as the March 16, 2010 letter from one of our homeowners, Mike Mohajer, sent to you in regards to the subject proposal; copy enclosed.

On March 25, 2010, the Board of Directors formally considered the draft ordinance. The Board generally is in support of the comments offered by Mr. Mohajer but specifically voted to oppose the staff proposal in regards to the use of artificial turf landscaping by residents within the common interest development. As recommended by City staff, if a Homeowners Association's (HOA) governing documents prohibit the use of artificial turf by its members/residents, then "the matter could be appealed to the appropriate city body." We respectfully request that the proposal be revised to exclude its applicability to Homeowners Associations formed pursuant to the California Davis-Stirling Common Interest Development Act. Otherwise, we request that (1) all HOAs in the City of San Dimas be notified as to the City's proposal for encroachment into each HOA's governing documents, and (2) the City conducts a formal public hearing on the said proposal to receive comments from the impacted communities.

Thank you for your consideration and looking forward to your written response. I may be contacted via email at [evelyn@cmsgmt.com](mailto:evelyn@cmsgmt.com) or directly by phone at 909-399-3103, ext. 362.

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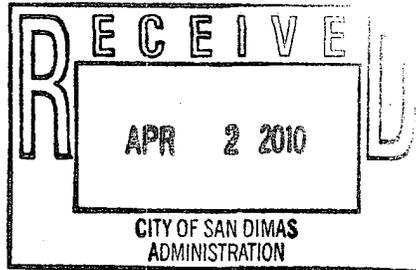
A handwritten signature in cursive script that reads "Evelyn Kahn".

Evelyn Kahn  
Business Agent  
Bel Vintage/The Legends Homeowners Association

cc: Board of Directors

Enclosure

March 16, 2010



Electronic Mail

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245 E. Bonita Avenue,  
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March 16, 2010

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Sincerely,

*Signed*

**MIKE MOHAJER**  
P.O. Box 3334,  
San Dimas, CA 91773

Enc: 2

cc: Each Member of the San Dimas City Council  
City of San Dimas (Blaine Michaelis, Ina Rios, Kevin Frey)



CITY OF SAN DIMAS  
MINUTES  
SAN DIMAS REDEVELOPMENT AGENCY MEETING  
TUESDAY, APRIL 13, 2010  
COUNCIL CHAMBERS  
245 E. BONITA AVENUE

---

**PRESENT:**

Chairman Curtis W. Morris  
Vice Chairman Denis Bertone  
Mr. Emmett G. Badar  
Mr. John Ebner  
Mr. Jeffrey W. Templeman  
Executive Director Blaine Michaelis  
Agency Attorney Ken Brown  
Secretary Ina Rios  
Assistant City Manager Ken Duran  
Director of Development Services Dan Coleman  
Director of Public Works Krishna Patel  
Director of Parks and Recreation Theresa Bruns

**CALL TO ORDER**

Chairman Morris called the meeting to order at 9:17 p.m.

**ORAL COMMUNICATIONS** (This is the time set aside for members of the audience to address the Board. Speakers are limited to three minutes.)

There were no speakers.

**APPROVAL OF MINUTES**

It was moved by Mr. Bertone, seconded by Mr. Ebner, to approve the minutes for the meeting of March 23, 2010. The motion carried unanimously.

**EXECUTIVE DIRECTOR**

There were no comments.

**MEMBERS OF THE AGENCY**

There were no comments.

**ADJOURNMENT**

Chairman Morris adjourned the meeting at 9:18 p.m.

Respectfully submitted,

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Ina Rios, Secretary

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CITY OF SAN DIMAS  
MINUTES  
SAN DIMAS PUBLIC FACILITIES FINANCING  
CORPORATION  
TUESDAY, APRIL 13, 2010  
COUNCIL CHAMBERS  
245 E. BONITA AVENUE

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**PRESENT:**

President Curtis W. Morris  
Mr. Emmett Badar  
Mr. Denis Bertone  
Mr. John Ebner  
Mr. Jeff Templeman

Secretary/Treasurer Blaine Michaelis  
Attorney J. Kenneth Brown

**CALL TO ORDER**

Chairman Morris called the meeting to order at 9:18 p.m.

**ORAL COMMUNICATIONS** (This is the time set aside for members of the audience to address the Board. Speakers are limited to three minutes.)

There were no speakers.

**APPROVAL OF RESOLUTION NO. 2010-01** A RESOLUTION OF THE SAN DIMAS PUBLIC FACILITIES FINANCING CORPORATION ESTABLISHING A REGULAR MEETING SCHEDULE AND PROVIDING FOR OTHER MATTERS RELATED THERETO.

Secretary/Treasurer Michaelis reported that effective January 1,, 2010, California Government Code Section 6592.1 requires that a resolution authorizing bonds shall be adopted by an authority only during a "regular" meeting. He said the Financing Authority currently holds a regular meeting in December of each year and requested that more frequent regular meetings be scheduled in order to accommodate the upcoming proposed financing for the City Hall renovation project. Staff recommended adoption of Resolution No. 2010-01.

After the title was read, it was moved by Mr. Templeman, seconded by Mr. Ebner, to waive further reading and adopt **RESOLUTION NO. 2010-01** A RESOLUTION OF THE SAN DIMAS PUBLIC FACILITIES FINANCING CORPORATION ESTABLISHING A REGULAR MEETING SCHEDULE AND PROVIDING FOR OTHER MATTERS RELATED THERETO. The motion carried unanimously.

**APPROVAL OF MINUTES**

It was moved by Mr. Templeman, seconded by Mr. Bertone, to approve the minutes of the December 8, 2009 meeting. The motion carried unanimously.

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**MEMBERS OF THE CORPORATION**

There were no comments.

**ADJOURNMENT**

Chairman Morris adjourned the meeting at 9:21 p.m.

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Secretary/Treasurer



# Agenda Item Staff Report

**To:** Honorable Mayor and Members of the City Council  
*For the meeting of April 27, 2010*

**From:** Blaine Michaelis, City Manager *BM*

**Subject:** Public Safety Commission Appointments

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## SUMMARY

There are two vacancies on the Public Safety Commission.  
The Committee will select a candidate from a previous recruitment.

## BACKGROUND

Effective February 10, 2010, there are two vacancies on the Public Safety Commission. Commissioner Neil Oudejans declined reappointment and Commissioner James Sloniker completed three terms and is not eligible for reappointment.

Five candidates who had previously submitted applications were contacted and expressed a desire to be considered for these opportunities.

Mayor Morris and Councilmember Badar reviewed the applications and will recommend appointment.

## RECOMMENDATION

Council pleasure.