

CITY OF NEEDLES
APPLICATION FOR CONDITIONAL USE PERMIT
Community Development Department
817 Third Street
Needles, California 92363
760-326-3805

Instructions to Applicant

FILING PROCEDURES:

The application and attachments for a Use Permit must be completed as prescribed before it can be accepted for consideration. Required documents:

1. Application for Use Permit
2. Conditional Use Permit fee \$791.00. Checks must be payable to the City of Needles.
3. Site Plan Review Fee of \$1,033.09 and \$2,000 deposit for city engineer review, if applicable
4. California Environmental Quality Act (CEQA) Checklist
5. CEQA Fee of \$240. Checks must be payable to the City of Needles
6. Fire Dept. Application and Fee for Site Plan Review-to be coordinated directly with Fire Dept. (see attached application)

PROCEDURE BY CITY:

1. Prepare a dimensioned site plan including the applicable elements identified in the attached checklist for the appropriate project type and submit with the application packet. Staff to confirm with Fire dept. application filing and fees paid
2. The application will be reviewed for adequacy and determination is made whether the project is exempt from CEQA; or requires further consideration with the preparation of an Initial Study, Environmental Assessment, etc. The CEQA Checklist is required to be completed for this purpose. Any preparation of the Initial Study, Environmental Assessment, etc. will be performed by an environmentalist selected by the applicant and then submitted to the City for review by a Third Party selected by the City. All costs for the CEQA process will be borne by the applicant.
3. Upon completion of the above, a date for the site plan review will be scheduled, with the applicant provided a follow-up letter identifying any changes to be made to the applicant packet resulting from the meeting. Once the changes have been made, and the application is deemed "complete", the Planning Commission review will be set. The Planning Commission holds public hearings on the 1st and 3rd Wednesday of each month, beginning at 4:00 PM.
4. When processing the application, the Planning Commission will consider such factors as:
 - Does the proposal conform to the intent and purpose of the General Plan, zoning regulations and policies for protecting the physical and human environment of the neighborhood and community;
 - The design of the improvements must be in harmony with the neighborhood and community objectives;
 - If the proposal is approved, conditions of approval may be imposed with respect to site design, building design, maintenance, improvements or operation of the use.
5. The decision of the Planning Commission is final unless appealed pursuant to the City's zoning regulations.
6. If the Planning Commission recommends, approval of the CUP, the item will be placed on the City Council Agenda. The City Council meets the 2nd and 4th Tuesday of each month @ 6:00 P.M.
7. Building permits will not be issued until the Use Permit proceeding is concluded, including the appeal period.

CITY OF NEEDLES, CALIFORNIA
Application For Use Permit

Name of Applicant: _____ Phone: _____ (Applicant must be the owner of the land, the lessee having a lease-hold interest of not less than 5 years, or the agent of any of the foregoing duly authorized in writing)

_____, (I/We) the undersigned, _____ (Owner/Lessee/Agent) of the property listed below, hereby request that the following stated use be permitted to be constructed and/or operated.

1. Project name and address: _____

2. Legal Description of Parcel (attach if necessary): _____

3. Briefly Describe: a. Purpose and Intent of proposed project (include acres, square feet, units, etc.).

b. Population projection (project residents): _____

c. Number of persons employed during operation: full time _____ part time _____

d. Will the Project require new utility services? _____ yes _____ no

i. Water Service _____ no. If so, estimated peak water demand in gallons/minutes: _____, service requirement.

ii. Sewer Service _____ no. Any chemical wastes expelled in sewers? _____
If yes, explain: _____

iii. Electric Service: main size _____; single phase _____; three phase _____ .
Attachment to existing electric facilities: load calculations _____.

e. Estimated daily vehicular traffic generated by the operation: _____ Comment: _____

f. List major machines – give horsepower and noise rating in decibels: _____

g. Will the project require a permit from the Air Pollution Control District, and if so, describe: _____

h. What will be the hours of operation: _____

i. Describe materials or machinery that will be stored or parked outside: _____

4. Attached (): Site Plan (); Elevations (); Filing Fee (); Legal (); (site plans folded 8 ½" x 11" reduction)

AUTHORIZATION

Names and signatures of all persons having an interest in the property whose consent is required (by virtue of such interest) to authorize filing of application.

Name (print or type)	Address	Capacity Owner/Lessee
1. _____	_____	_____
Signature _____		
2. _____	_____	_____
Signature _____		
3. _____	_____	_____
Signature _____		

All signatures represent that they have full legal capacity to, and hereby do, authorize the filing of this application. Leaseholds must be for at least five years or the owner shall be required to sign this application.

Subscribed and sworn before me this _____ day of _____, 20_____.

My Commission Expires: _____ S^s: _____
Notary Public (or City Staff)

CERTIFICATON

I certify that the information and exhibits herewith submitted are true and correct to the best of my knowledge and that I am to file this application and act on behalf of the signatories of the above authorization.

Name (print): _____ Signature: _____

Address: _____ Telephone: _____

Capacity: _____ owner: _____ lessee: _____ agent of _____

Person(s) to be contacted regarding this application if other than myself:

_____ Address: _____

_____ Address: _____

(STAFF USE ONLY)

Date filed _____ Rec'd by _____ Receipt No. _____



APPLICATION FOR CONSTRUCTION PERMIT

PLANNING / BUILDING & SAFETY PROJECTS

#23

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT COMMUNITY SAFETY DIVISION

San Bernardino Office
385 N. Arrowhead Ave., 1st Floor
San Bernardino, CA 92415-0187
Phone (909) 386-8400
Fax (909) 387-3249
Hours: 8:00 am – 5:00 pm M-F

North Desert Office
15900 Smoke Tree St. Suite 131
Hesperia, CA 92345-3222
Phone (760) 995-8190
Fax (760) 995-8205
Hours: 8:00 am – 5:00 pm M-F

East Valley Office
200 East Third Street
San Bernardino, CA 92410
Phone (909) 918-2201
Fax (909) 381-0071
Hours: 8:00 am – 5:00 pm M-Th

South Desert Office
58928 Business Center Dr.
Yucca Valley, CA 92284
Phone (760) 995-8190
Fax (760) 995-8205
Hours: 9:00 am to 12:00 pm Wed

WEBSITE: www.sbcfire.org**APPLICANT INFORMATION****INFORMATION ENTERED BELOW SHOULD BE EXACTLY AS IT APPEARS ON YOUR PLANNING AND/OR BUILDING AND SAFETY APPLICATION**

APPLICANT NAME	MAILING ADDRESS	CITY	STATE	ZIP CODE
PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS		

REPRESENTATIVE INFORMATION (If different than Applicant)**INFORMATION ENTERED BELOW SHOULD BE EXACTLY AS IT APPEARS ON YOUR PLANNING AND/OR BUILDING AND SAFETY APPLICATION**

APPLICANT NAME	MAILING ADDRESS	CITY	STATE	ZIP CODE
PHONE NUMBER	FAX NUMBER	EMAIL ADDRESS		

PROJECT INFORMATION

PROJECT NAME	ADDRESS	CITY / COMMUNITY	ZIP CODE			
ASSESSOR'S PARCEL NUMBER (APN)	SQUARE FOOTAGE (TENANT REVIEW & CELL SITES)	CONSTRUCTION TYPE (TENANT REVIEW & CELL SITE)	OCC. TYPE (TENANT REVIEW & CELL SITE)	# OF LOTS (IF APPLICABLE)	CONTRACTOR PROJECT # (IF APPLICABLE)	CONTACT NAME

Plans will not be accepted without the following: (This will apply to Tenant Reviews & Cell Sites Only)

1. Three sets of plans
2. Project address on plans
3. Assessor's parcel number(s) on plans
4. Description of business (Tenant Review)
5. Indicate if building is sprinklered

PLANNING / BUILDING & SAFETY PROJECTS

<input type="checkbox"/>	Site Plan Review	\$ 738.00	
<input type="checkbox"/>	Revision to an Approved Action	\$ 492.00	MUST BE THE ORIGINAL APPLICANT
<input type="checkbox"/>	Conditional Use Permit (CUP)	\$ 902.00	
<input type="checkbox"/>	CUP – Cell Site	\$ 492.00	
<input type="checkbox"/>	Minor Use Permit (MUP)	\$ 492.00	
<input type="checkbox"/>	Fuel Modification Plan	\$ 109/hr	
<input type="checkbox"/>	Specific Plans	\$ 902.00	
<input type="checkbox"/>	Environmental Review or EIR	\$ 109/hr	
<input type="checkbox"/>	Tenant Review	\$ 109/hr	

TOTAL FEE = \$ This fee includes 1 inspection**SUBDIVISIONS / TRACT MAPS / MOBILEHOME PARKS**

<input type="checkbox"/>	Tentative Parcel Map (1 to 4 Lots)	\$ 328.00	
<input type="checkbox"/>	Tentative Tract Map (5 to 300 lots)	\$ 656.00	
<input type="checkbox"/>	Tentative Tract Map (301+ lots)	\$ 820.00	
<input type="checkbox"/>	School Site Review	\$ 164.00	
<input type="checkbox"/>	Mobile Home Park Site Plan Review	\$ 738.00	

TOTAL FEE = \$ This fee includes 1 inspection**Make check or money order payable to S.B.C.F.D.****CERTIFICATION**

SUBMITTED BY (please print Applicant's full name)	SIGNATURE	DATE
---	-----------	------

FOR SBCFD USE ONLY

PAYMENT RECEIVED	PAYMENT TYPE	DATE RECEIVED	RECEIVED BY
\$ <input type="text"/>	<input type="checkbox"/> CHECK <input type="checkbox"/> CASH <input type="checkbox"/> CREDIT CARD	<input type="text"/>	<input type="text"/>

Planing Dept. Checklist as of 8-3-2015

	<u>Residential</u>	<u>Comm</u>	<u>Industrial</u>
<input type="checkbox"/> Parcel Map Conditions of Approval w/completion required before building permit	x	x	x
<input type="checkbox"/> Zoning District	X	X	X
<input type="checkbox"/> Lot Frontage	X	X	X
<input type="checkbox"/> Side Yard Setback	X	X	X
<input type="checkbox"/> Front Yard Setback	X	X	X
<input type="checkbox"/> Rear Yard Setback	X	X	X
<input type="checkbox"/> Building Height	X	X	X
<input type="checkbox"/> Distance from Residential District	X	X	X
<input type="checkbox"/> Parking Spaces	X		
<input type="checkbox"/> Compact Parking Spaces (if applicable)		X	X
<input type="checkbox"/> Handicap Parking Spaces (if applicable)		X	X
<input type="checkbox"/> Parking Lot Perimeter Planting		X	X
<input type="checkbox"/> Parking Lot Interior Planting		X	X
<input type="checkbox"/> Street names	X	X	X
<u>Existing Buildings and Structures</u>			
<input type="checkbox"/> Principal use	x	x	x
<input type="checkbox"/> Setbacks from property lines	x	x	x
<input type="checkbox"/> Existing parking/paved areas including pavement type (parking, walkways, etc.)	x	x	x
<u>New Construction</u>			
<input type="checkbox"/> Proposed Buildings and Structures	x	x	x
<input type="checkbox"/> Area of building or additions	x	x	x
<input type="checkbox"/> Principal use	x	x	x
<input type="checkbox"/> Setback dimensions from property lines	x	x	x
<input type="checkbox"/> Parking spaces (delineated and dimensioned)	x	x	x
<input type="checkbox"/> Handicap parking		x	x
<input type="checkbox"/> Lighting	x	x	x
<input type="checkbox"/> Signs	prohibited	x	x
<input type="checkbox"/> Loading areas		x	x
<input type="checkbox"/> Fences	x	x	x
<input type="checkbox"/> Dumpster(s)		x	x
<input type="checkbox"/> aisle widths, parking stall dimensions, curb radius etc...		x	x
<input type="checkbox"/> Proposed landscaping - Buffer and Parking Lot		x	x
<input type="checkbox"/> Proposed irrigation (on-site wells to be used unless otherwise approved)	x	x	x
<input type="checkbox"/> Verify sight distances at entrances	x	x	x
<input type="checkbox"/> Proposed Building Exterior	x	x	x
<u>Entitlements</u>			
<input type="checkbox"/> Zoning Permit	x	x	x
<input type="checkbox"/> Special/Conditional Use Permit	x	x	x
<input type="checkbox"/> Variance	x	x	x
<input type="checkbox"/> Zoning/General Plan Change	x	x	x
<input type="checkbox"/> Sign Permit	x	x	x
<input type="checkbox"/> Other			

EXHIBIT "A"


Does Your Project Require a Hydrology Study


- 1) Go to the FEMA Website for determination - website address:

<https://msc.fema.gov/portal/>

ENTER ADDRESS:

FEMA Flood Map Service Center: ~~Search By Address~~

Enter an address, place, or coordinates: 



3301 Needles Highway, Needles, CA 92363

Whether you are in a high risk zone or not, you may need [flood insurance](#) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

Learn more about [steps you can take](#) to reduce the risk flood damage.

Search

Search Results—Products for **NEEDLES, CITY OF**

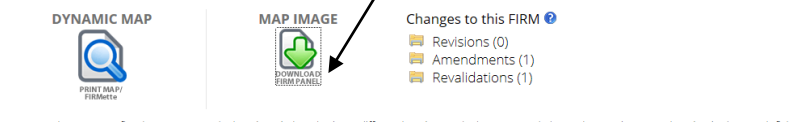
[Show ALL Products »](#)

CLICK ON "MAP IMAGE"

Search Results—Products for **NEEDLES, CITY OF**

[Show ALL Products »](#)

The flood map for the selected area is number **06071C50104**, effective on **08/28/2008** ?



Determine whether it is in the flood plain by the legend explanations below the graphic. Any area shown with a hatch pattern inside the red box below requires a hydrology study.

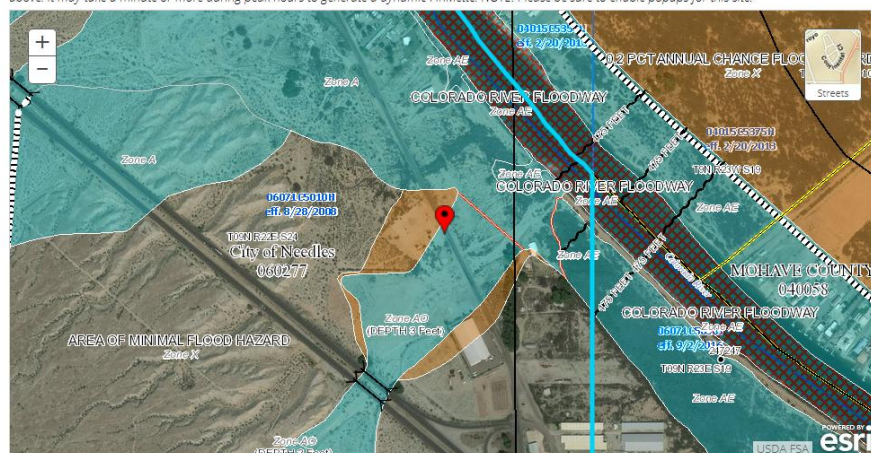
[illegible]

EXHIBIT "A"


Does Your Project Require a Hydrology Study


- 1) Go to the FEMA Website for determination - website address:


<https://msc.fema.gov/portal/>


ENTER ADDRESS:

FEMA Flood Map Service Center: Search By Address


Enter an address, place, or coordinates: 


3301 Needles Highway, Needles, CA 92363 



 Whether you are in a high risk zone or not you may need [flood insurance](#) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.
Learn more about [steps you can take](#) to reduce the risk flood damage.



Search Results—Products for **NEEDLES, CITY OF** 


CLICK ON "MAP IMAGE"

Search Results—Products for **NEEDLES, CITY OF** 

The flood map for the selected area is number **06071C50101**, effective on **08/28/2008** 

DYNAMIC MAP  

MAP IMAGE  

Changes to this FIRM 

- Revisions (0)
- Amendments (1)
- Revalidations (1)

Determine whether it is in the flood plain by the legend explanations below the graphic. Any area shown with a hatch pattern inside the red box below requires a hydrology study.

You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette. NOTE: Please be sure to enable popups for this site.



MAP PANELS	<input type="checkbox"/> Digital Data Available	<input type="checkbox"/> No Digital Data Available	<input type="checkbox"/> Unmapped
OTHER AREAS	<input type="checkbox"/> Area of Minimal Flood Hazard Zone X	<input type="checkbox"/> Effective LOMRs	<input type="checkbox"/> Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES	<input type="checkbox"/> Channel, Culvert, or Storm Sewer	<input type="checkbox"/> Levee, Dike, or Floodwall	

SPECIAL FLOOD HAZARD AREAS	<input type="checkbox"/> Without Base Flood Elevation (BFE) Zone A, AE, APF	<input type="checkbox"/> With BFE or Depth	<input type="checkbox"/> Regulatory Floodway Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD	<input type="checkbox"/> 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X	<input type="checkbox"/> Future Conditions 1% Annual Chance Flood Hazard Zone X	<input type="checkbox"/> Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	<input type="checkbox"/> Area with Flood Risk due to Levee Zone D		

OTHER FEATURES	<input type="checkbox"/> Cross Sections with 1% Annual Chance	<input type="checkbox"/> Water Surface Elevation	<input type="checkbox"/> Coastal Transect	<input type="checkbox"/> Base Flood Elevation Line (BFE)	<input type="checkbox"/> Limit of Study	<input type="checkbox"/> Jurisdiction Boundary	<input type="checkbox"/> Coastal Transect Baseline	<input type="checkbox"/> Profile Baseline	<input type="checkbox"/> Hydrographic Feature
-----------------------	---	--	---	--	---	--	--	---	---



City of Needles

817 Third Street • Needles, California 92363

(760) 326-2113 • FAX (760) 326-6765

www.cityofneedles.com

Mayor, Jeff Williams
Vice Mayor Edward T. Paget, M.D.
Councilmember Shawn Gudmundson
Councilmember Tona Belt
Councilmember Louise Evans
Councilmember Tim Terral
Councilmember Zachery Longacre
City Manager Rick Daniels

WATER EFFICIENT LANDSCAPING REQUIREMENTS STREAMLINED LANDSCAPE METHOD LESS THAN 2500 SQ. FT. OF NEW LANDSCAPE OR REHABILITATED LANDSCAPE

The State of California requires cities to report installation of all new and rehabilitated landscape in Needles on an annual basis. For projects creating less than 2500 square feet of new or rehabilitated landscape, the City has developed a “streamlined” approach that prohibits the use of turf, and instead utilizes a selection of low-water usage plants. The plant lists can be found on the city’s website www.cityofneedles.com. Use of other reference guides to identify appropriate plant material can be used as well, including “Low Water-Use Plants for California and the Southwest” by Carol Shuler.

The streamlined landscape packet includes the “Checklist” (Appendix A), the Certificate of Completion (Appendix B), and the Certificate of Installation-Self Inspection (Appendix C).

Projects requiring either a Zoning Permit or a Building Permit for a residential or commercial structure, new construction as well as rehabilitation, are required to submit the completed Appendix “A” Checklist, with the Zoning or Building Permit application. Appendix “A” Checklist requires the submittal of a “landscape plan” drawing that identifies the square footage of the planting area, including the types of plants and their water usage, i.e. low/medium/high usage, as well as any water feature that is part of the landscape project, including swimming pools. Any areas that will be using irrigated recycled water also need to be identified on the drawing.

The streamlined process requires the completion and submittal of Appendix “B” “Certificate of Installation-Self-Inspection” by the applicant or the professional landscape installer once the landscape installation has been completed. Once received, the building official will schedule an inspection on the installation and provide the Certificate of Compliance to the applicant, Appendix “C”.

Streamlined Path (Appendix A) Checklist

For projects with less than 2,500 sf of total landscape area.

A. Project Information

Submittal Date	_____
Application Number	_____
Project Address	_____
Project Type*	<input type="checkbox"/> Residential <input type="checkbox"/> Non-residential
Applicant Name	_____
Applicant Email	_____
Applicant Phone	_____
Property Owner Name	_____
Property Owner Email	_____
Property Owner Phone	_____
Water Supply Type	_____
Water Supplier	_____
Total Landscape Area (sf) * †	_____
Total Turf Area (sf)	_____
Total Non-turf Planting Area (sf)	_____

* Information required in an annual report to the State Department of Water Resources from the permitting agency.

† Total landscape area equals all the irrigated planting areas, turf and water features and does not include the building footprint or hardscapes such as sidewalks, patios, parking lots or driveways.

Streamlined Path (Appendix A) Checklist

B. Landscape Design Plan

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Attach a landscape plan indicating the following:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Turf areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. High water use planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. Moderate water use planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	d. Low water use planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	e. Water features including swimming pools	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	f. Edible planting areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	g. Areas irrigated with recycled water	<input type="checkbox"/>	<input type="checkbox"/>	

C. Soil

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Incorporate compost at a rate of at least 4 cubic yards per 1,000 square feet to a depth of 6 inches into the landscape area (unless contra-indicated by a soil test). This project will apply _____ cubic yards of compost	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. A minimum 3-inch layer of recycled mulch shall be applied on all exposed soil surfaces of planting areas except turf areas, or direct seeding applications where mulch is contraindicated	<input type="checkbox"/>	<input type="checkbox"/>	

D. Plants

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Plant material shall comply with the following:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Residential projects only:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	i. 75% of landscape area shall consist of plants that use little or no summer water (WUCOLS plant factor of 0.3 or lower), excluding edibles or areas using recycled water.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	ii. No more than 25% of the landscape area will be planted with high water using plants	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. Non-residential projects only (including multifamily residential):	<input type="checkbox"/>	<input type="checkbox"/>	

Streamlined Path (Appendix A) Checklist

D. Plants (cont'd)

<input type="checkbox"/>	I. 100% of the landscape area shall consist of plants that use little or no summer water (WUCOLS plant factor of 0.3 or lower), excluding edibles or areas using recycled water	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	c. No invasive plants are planted. No plant species listed by the California Invasive Plant Council's "Don't Plant a Pest" brochure as invasive in the San Francisco Bay Area shall be planted.	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	2. The use of turf shall comply with all of the following:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	a. In nonresidential areas, turf is not used	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	b. In residential areas:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	I. Turf, high water use plants, and water features shall, combined, not exceed 25% of the landscape area	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	II. Turf shall not be planted on slopes which exceed a slope of 1 foot vertical elevation change for every 4 feet or horizontal length	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	III. Turf is prohibited in parkways less than 10 feet wide. Exception: Parkway is adjacent to a parking strip and used to exit and enter vehicles AND turf is irrigated with subsurface irrigation	<input type="checkbox"/>	<input type="checkbox"/>

WUCOLS plants database can be found online at: <http://ucanr.edu/sites/WUCOLS/>

"Don't Plant a Pest" brochure can be found at <http://cal-ipc.org/landscaping/dpp/>

E. Irrigation

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Automatic irrigation controllers are required and must use evapotranspiration or soil moisture data and utilize a rain sensor.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Pressure regulators are installed on the irrigation system to ensure dynamic pressure of the components are within the manufacturer's recommended pressure range.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	3. Manual-shut-off valves (such as gate, ball or butterfly valves) are installed as close as possible to the point of connection of the water supply.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	4. All irrigation emission devices must meet the requirements set in the ANSI standard ASABE/ICC 802-2014 "Landscape Irrigation Sprinkler and Emitter Standard." All sprinkler heads installed must have a distribution uniformity low quarter of 0.65 or higher using the protocol defined in ASABE/ICC 802-2014.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	5. Areas less than 10 feet in width in any direction shall be irrigated with subsurface irrigation or other means that produces no runoff or overspray.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	6. For non-residential projects with landscape areas of 1,000 sf or more, private sub-meter(s) to measure landscape water use shall be installed.	<input type="checkbox"/>	<input type="checkbox"/>	

Streamlined Path (Appendix A) Checklist (cont'd)

F. Signature

I agree to comply with these Simplified Compliance requirements for the Water Efficient Landscape Plan Review.

Signature of Applicant or Property Owner or authorized representative

Date

Streamlined Path (Appendix B) Certificate of Installation-Self Inspection

To be signed by the applicant, signer of the Landscape Design Plan or the Irrigation Design Plan or by the licensed landscape contractor

"I/we certify that based upon periodic site observations, the work has been completed in accordance with the ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the approved Landscape Documentation Package. As-built drawings have been provided to document any major modifications of the approved Landscape Documentation Package. Significant changes made during construction comply with the ordinance."

Applicant/Contractor/Professional Signature _____

Date _____

Print Name _____

License Number _____

Property Owner:

"I/we certify that I/we have received copies of all the documents within the Landscape Documentation Package and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

Applicant _____

Date _____

Print Name _____

A. Irrigation Scheduling

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Irrigation scheduling is regulated by automatic irrigation controller	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Overhead irrigation is scheduled between 8 p.m. and 10 a.m.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	3. Settings for the irrigation controller for each station include the following:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Irrigation days	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. Run times	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. Number of cycle starts per watering event to avoid run off	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	d. Amount of applied water on a monthly basis	<input type="checkbox"/>	<input type="checkbox"/>	

Streamlined Path (Appendix B) Certificate of Installation-Self Inspection

B. Schedule of Landscape and Irrigation Maintenance

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Attach schedule of maintenance for the landscape and irrigation system per ordinance to ensure water efficiency. The attached schedule of landscape maintenance includes:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Routine inspection, auditing, adjusting and repair of the irrigation system	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. Aerating and dethatching turf areas	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. Topdressing planting areas with compost as needed	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	d. Replenishing mulch	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	e. Pruning and weeding	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	f. Routine inspection, auditing, adjusting and repair of the irrigation system <i>(Bay-Friendly Landscape maintenance manual used for the site would satisfy this requirement)</i>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Attach landscape irrigation audit report	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	3. Attach landscape irrigation audit checklist	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	4. The irrigation audit was conducted by a third-party certified Irrigation Auditor professional who is not a part of the design team	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	5. Irrigation items identified for repair in the audit are fixed	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	6. In large project or projects with multiple landscape installations (i.e. production home developments) an auditing rate of 1 in 7 lots or 15% is conducted	<input type="checkbox"/>	<input type="checkbox"/>	

Complete the following sections **ONLY** if project has submitted the Landscape Documentation Package.

C. Irrigation Audit Report

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Audit completed	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Any recommended repairs have been completed	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	3. The Irrigation Audit Report includes:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Inspection for leaks	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. System tune-up	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. Reporting overspray or run off	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	d. An irrigation schedule including configuring controller with application rate, soil types, plant factors, slope, exposure and other factors needed to increase water efficiency	<input type="checkbox"/>	<input type="checkbox"/>	

Streamlined Path (Appendix B) Certificate of Installation-Self Inspection

D. Soil Management Report

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Attach soil analysis report of the soil in planting areas from a soil lab if not previously submitted with the Landscape Documentation Package per ordinance.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. The soil sample follows laboratory protocol and includes:	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	a. Soil texture	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	b. Infiltration rate	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	c. pH	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	d. Total soluble salts	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	e. Sodium	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	f. Percent organic matter	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	g. Amendment recommendations	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	3. Attach document(s) showing that soil analysis report recommendations were used to amend the planting soil, such as delivery tags and receipts for compost and mulch.	<input type="checkbox"/>	<input type="checkbox"/>	

E. Landscape Diversion Report

APPLICANT	ITEM	REVIEWER		NOTES
		PASS	FAIL	
<input type="checkbox"/>	1. Attach a construction waste management report for the project that shows at least 50% diversion of construction and demolition debris and 100% diversion of excavated soil and land clearing debris through recycling or reuse. Building debris can be used in calculations.	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	2. Confirm that diversion facilities where collected construction waste material was taken are identified in the waste management report.	<input type="checkbox"/>	<input type="checkbox"/>	

F. Additional Modifications

Applicant: If major modifications were made in construction from the submitted plans, attach record drawings (as-builts)

- ☐ No major modifications
- ☐ Record drawings (as-builts) attached

Streamlined Path (Appendix C) Landscape Installation

Certificate of Completion

A. Project Information

Date	_____
Project Name	_____
Project Street Address, City and Zip	_____
Parcel or Lot Number(s) (if available)	_____
Applicant Name	_____
Applicant Job Title	_____
Applicant Company Name	_____
Phone Number	_____
Email Address	_____
Street Address, City and Zip	_____
Property Owner Name	_____
Phone Number	_____
Email Address	_____
Street Address, City and Zip	_____

Building Inspector Sign-off

_____	Date: _____
Marc Scott, Building Inspector	

Streamlined Path (Appendix C) Landscape Installation

Certificate of Completion

A. Project Information

Date	_____
Project Name	_____
Project Street Address, City and Zip	_____
Parcel or Lot Number(s) (if available)	_____
Applicant Name	_____
Applicant Job Title	_____
Applicant Company Name	_____
Phone Number	_____
Email Address	_____
Street Address, City and Zip	_____
Property Owner Name	_____
Phone Number	_____
Email Address	_____
Street Address, City and Zip	_____

Building Inspector Sign-off

_____	Date: _____
Marc Scott, Building Inspector	

(Needles) WUCOLS - Low Desert Region			
Type	Botanical Name	Common Name	Water Use
P S	Agave americana (and thick-leaved relatives)(CA native and non-native	agave	Very Low
S	Ambrosia monogyra (Hymenoclea monogyra)	burrow bush	Very Low
Gc S N	Atriplex CA native species	saltbush	Very Low
Gc S N	Atriplex semibaccata	Australian saltbush	Very Low
Bu N	Calochortus spp.	Mariposa lily	Very Low
S N	Encelia californica	coast sunflower	Very Low
S N	Encelia farinosa	brittle bush	Very Low
S N	Ephedra nevadensis	Nevada ephedra	Very Low
S N	Eriogonum fasciculatum and cvs. (not listed above)	California buckwheat	Very Low
S Su	Fouquieria columnaris	boojum	Very Low
S Su N	Fouquieria splendens	ocotillo	Very Low
S N	Isocoma spp. (Haplopappus)	goldenbush	Very Low
S N	Justicia californica (Beloperone californica)	chuparosa	Very Low
S N	Larrea tridentata	creosote	Very Low
P Su	Mammillaria geminispina	cactus	Very Low
P Su	Mammillaria melanocentra	cactus	Very Low
S Su N	Opuntia spp. & cvs. (CA natives and non-natives)	prickly pear/cholla	Very Low
S Su	Pachycereus marginatus	Mexican fence post cactus	Very Low
P S N	Psilostrophe cooperi	paper flower	Very Low
S N	Psoralea argophylla (Dalea spinosa)	smoke tree	Very Low
S N	Senna covesii	desert senna	Very Low
P N	Sphaeralcea spp. (CA native and non-native spp.)	desert/globe mallow	Very Low
S Su	Stenocereus thurberi (Lemaireocereus)	organ pipe cactus	Very Low
T	Tamarix aphylla	salt cedar	Very Low
S	Tamarix pentaphylla	tamarisk	Very Low
S Su N	Yucca brevifolia	Joshua tree	Very Low
S Su N	Yucca schidigera (Y. californica, Y. mohavensis)	Mojave yucca	Very Low
	Zinnia acerosa	desert zinnia	Low
Bu	Amaryllis belladonna	naked lady	Low
Bu	Narcissus spp.	daffodil	Low
Bu	Polianthes tuberosa	tuberose	Low
G	Pennisetum setaceum	fountain grass	Low
G N	Bouteloua gracilis and cvs.	blue grama	Low
G N	Sporobolus airoides	alkalai sacaton	Low
G N			
A	Bouteloua curtipendula	sideoats grama	Low
Gc	Carpobrotus spp.	ice plant (Carpobrotus)	Low
Gc	Dalea greggii	trailing indigo bush	Low

BA-bamboo
 Bu - bulb
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native

(Needles) WUCOLS - Low Desert Region			
Type	Botanical Name	Common Name	Water Use
Gc	<i>Dalea orcuttii</i> (now <i>Marina orcuttii</i>)	Baja indigo bush	Low
Gc	<i>Delosperma</i> spp.	ice plant (<i>Delosperma</i>)	Low
Gc V	<i>Antigonon leptopus</i>	coral vine	Low
Gc S	<i>Acacia redolens</i>	prostrate acacia	Low
Gc S	<i>Artemisia</i> spp. (shrubby)	sagebrush	Low
Gc S N	<i>Baccharis</i> "Starn"	Starn coyote brush	Low
Gc P	<i>Achillea millefolium</i> (non-native hybrids)	yarrow (non-native hybrids)	Low
Gc P	<i>Oenothera stubbei</i>	Baja evening primrose	Low
Gc P	<i>Zinnia grandiflora</i>	prairie zinnia	Low
Gc P N	<i>Achillea millefolium</i> (CA native cultivars)	yarrow	Low
Gc P S	<i>Santolina</i> spp.	lavender cotton	Low
P	<i>Adenium obesum</i>	desert rose	Low
P	<i>Asclepias curassavica</i>	scarlet milkweed	Low
P	<i>Berlandiera lyrata</i>	chocolate scented daisy	Low
P	<i>Dyckia</i> spp.	dyckia	Low
P	<i>Melampodium leucanthum</i>	blackfoot daisy	Low
P	<i>Poliomintha longiflora</i>	Rosemary mint	Low
P	<i>Ruellia squarrosa</i>	water bluebell	Low
P	<i>Thymophylla acerosa</i> (<i>Dyssodia acerosa</i>)	shrubby dogweed	Low
P A	<i>Bulbine frutescens</i>	stalked bulbine	Low
P N	<i>Argemone corymbosa</i>	prickly poppy	Low
P N	<i>Asclepias</i> (CA native species)	milk/silk weed	Low
P N	<i>Asclepias subulata</i>	desert milkweed	Low
P N	<i>Baileya multiradiata</i>	desert marigold	Low
P N	<i>Oenothera caespitosa</i>	tufted (white) evening primrose	Low
P N	<i>Oenothera californica</i>	California evening primrose	Low
P N	<i>Penstemon</i> SW native spp. and cvs.	penstemon (SW natives)	Low
P N	<i>Tetranneuris acaulis</i> (<i>Hymenoxys acaulis</i>)	stemless four-nerve daisy	Low
P N	<i>Thymophylla pentachaeta</i> (<i>Dyssodia pentachaeta</i>)	golden fleece	Low
P N	<i>Verbena gooddingii</i> (<i>Glandularia gooddingii</i>)	Goodding verbena	Low
P Su	<i>Echinopsis</i> spp. (<i>Trichocereus</i> spp.)	torch cactus	Low
P Su	<i>Euphorbia antisiphilitica</i>	candelilla	Low
P Su	<i>Euphorbia rigida</i>	gopher spurge	Low
P Su	<i>Haworthia</i> spp.	haworthia	Low
P S	<i>Agave attenuata</i> (and thin-leaved relatives) (Ca native and non-native)	agave	Low
P S	<i>Perovskia</i> spp. & cvs.	Russian sage	Low
P S	<i>Psilostrophe tagetina</i>	paper flower	Low
P S	<i>Ruellia brittoniana</i>	Mexican petunia	Low

BA-bamboo
 Bu - bult
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native

(Needles) WUCOLS - Low Desert Region			
Type	Botanical Name	Common Name	Water Use
P S N	Eriogonum spp. (CA native and non-native spp.)	buckwheat	Low
P S N	Nolina spp. (CA natives and non-natives)	bear grass	Low
P S N	Romneya coulteri	Matilija poppy	Low
P S N	Salvia "Gayle Nielson" (also Trident as registered trademark name)	Gayle Nielson/Trident sage	Low
P S Su	Portulacaria afra & cvs.	elephant's food	Low
S	Acacia aneura	mulga	Low
S	Acalypha monostachya	raspberry fuzzies	Low
S	Aloysia macrostachya	aloyisia	Low
S	Aloysia triphylla	lemon verbenia	Low
S	Ambrosia deltoidea	triangleleaf bursage	Low
S	Anisacanthus spp.	desert honeysuckle	Low
S	Artemisia filifolia	sand sagebrush	Low
S	Bahiopsis deltoidea (Viguiera deltoidea)	goldeneye	Low
S	Buddleja marrubiifolia	woolly butterfly bush	Low
S	Caesalpinia gilliesii	desert bird of paradise	Low
S	Caesalpinia mexicana	Mexican bird of paradise	Low
S	Caesalpinia pulcherrima (deciduous in desert)	dwarf poinciana	Low
S	Calliandra "Sierra Star"	fairy duster hybrid	Low
S	Calliandra peninsularis	Baja fairy duster	Low
S	Cephalocereus spp.	old man cactus	Low
S	Chamelaucium cvs	wax flower	Low
S	Chrysactinia mexicana	damianita daisy	Low
S	Convolvulus cneorum	bush morning glory	Low
S	Dalea bicolor	dalea (bicolor)	Low
S	Dalea frutescens	black dalea	Low
S	Dalea pulchra	indigo/pea bush	Low
S	Dalea versicolor	dalea (versicolor)	Low
S	Eremophila glabra	emu bush	Low
S	Eremophila maculata	spotted emu bush	Low
S	Eremophila racemosa	Easter egg bush	Low
S	Eremophila x "Summertime Blue"	Summertime Blue emu	Low
S	Espositoa lanata	Peruvian old man cactus	Low
S	Eucalyptus "Moon Lagoon"	fine-leafed mallee	Low
S	Furcraea spp.	furcraea	Low
S	Gossypium harknessii	otterbossie	Low
S	Gossypium thurberi	Thurber's cotton/desert cotton	Low
S	Justicia spicigera	Mexican honeysuckle	Low
S	Leucophyllum spp. & cvs.	purple sage, Texas ranger etc.	Low
S	Ruellia "Little Katie"	dwarf ruellia	Low
S	Ruellia californica	rama parda	Low

BA-bamboo
 Bu - bult
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native

(Needles) WUCOLS - Low Desert Region			
Type	Botanical Name	Common Name	Water Use
S	Ruellia peninsularis	Baja ruellia	Low
S	Senna artemisioides (Cassia artemisioides)	feathery cassia/senna	Low
S	Senna bicapsularis (Cassia candolleana)	New Zealand cassia/senna	Low
S	Senna lindheimeriana (Cassia lindheimeriana)	Lindheimer"s senna/cassia	Low
S	Senna nemophila (Cassia nemophila)	desert cassia	Low
S	Senna odorata (Cassia odorata)	southern senna	Low
S	Senna phyllodinea (Cassia phyllodinea)	silver leaf cassia/senna	Low
S	Senna sturtii (Cassia sturtii)	Sturt"s cassia/senna	Low
S	Senna wislizeni (Cassia wislizeni)	shrubby senna	Low
S	Vauquelinia californica	Arizona rosewood	Low
S	Vauquelinia corymbosa var. heterodon	narrow leaf rosewood	Low
S A	Acacia boormanii	Snowy River wattle	Low
S A	Leucophyllum langmaniae "Lynn"s legacy"	Lynn"s everblooming texas sage	Low
S A	Viguiera parishii	desert goldeneye	Low
S N	Ambrosia dumosa	white bursage	Low
S N	Baccharis "Centennial"	Centennial baccharis	Low
S N	Baccharis sarothroides	desert broom	Low
S N	Calliandra californica	Baja fairy duster	Low
S N	Calliandra eriophylla	fairy duster	Low
S N	Carnegiea gigantea	saguaro	Low
S N	Chrysothamnus nauseosus	rabbit brush	Low
S N	Cleome isomeris	bladder pod	Low
S N	Cneoridium dumosum	bushrue	Low
S N	Condea emoryi (Hyptis emoryi)	desert lavender	Low
S N	Ericameria laricifolia	turpentine bush	Low
S N	Fallugia paradoxa	Apache plume	Low
S N	Forestiera pubescens	desert olive	Low
S N	Gutierrezia sarothrae	matchweed	Low
S N	Lycium fremontii	wolfberry	Low
S N	Pluchea sericea	Coville arrow weed	Low
S N	Rhus ovata	sugar bush	Low
S N	Salvia "Allen Chickering"	Allen Chickering sage	Low
S N	Senna armata (Cassia armata)	spicy senna	Low
S N	Simmondsia chinensis	jojoba	Low
S N	Trixis californica	trixis	Low
S NA	Peritoma arborea (Isomeris arborea)	bladderpod	Low
S NA	Salvia apiana	white sage	Low
S NA	Salvia clevelandii & hybrids	salvia Cleveland/Alan Chickering etc.	Low
S T	Acacia abyssinica	Abyssinian acacia	Low

BA-bamboo
 Bu - bult
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native

(Needles) WUCOLS - Low Desert Region			
Type	Botanical Name	Common Name	Water Use
S T	Acacia berlandieri	guajillo	Low
S T	Acacia constricta	whitethorn acacia	Low
S T	Acacia craspedocarpa	leatherleaf acacia	Low
S T	Acacia saligna	blue leaf wattle	Low
S T	Cordia parvifolia	little leaf cordia	Low
S T	Lysiloma candida	palo blanca	Low
S T	Maytenus phyllanthoides	mangle dulce	Low
S T	Sophora secundiflora	Texas mountain laurel	Low
S T	Ungnadia speciosa	Mexican buckeye	Low
S T N	Acacia greggii	catclaw acacia	Low
S T N	Comarostaphylis diversifolia (Arctostaphylos diversifolia)	summer holly	Low
S Su	Cereus hildmannianus	night blooming cereus	Low
S Su	Cereus peruvianus	Peruvian apple cactus	Low
S Su	Euphorbia milii	crown of thorns	Low
S Su	Euphorbia pulcherrima	poinsettia	Low
S Su	Euphorbia tirucalli	milk bush	Low
S Su	Fouquieria macdougalii	Mexican tree ocotillo	Low
S Su	Hesperaloe campanulata	bell flower hesperaloe	Low
S Su	Hesperaloe funifera	Coahuilan hesperaloe	Low
S Su	Pedilanthus bracteatus	tall slipper plant	Low
S Su	Pedilanthus macrocarpus	slipper plant	Low
S Su	Yucca aloifolia	Spanish bayonet	Low
S Su	Yucca decipiens	palma China	Low
S Su	Yucca elata	soaptree yucca	Low
S Su	Yucca faxoniana	giant white yucca	Low
S Su	Yucca gloriosa	Spanish dagger	Low
S Su	Yucca rigida	blue yucca	Low
S Su	Yucca rostrata	beaked yucca	Low
S Su	Yucca rupicola	twisted yucca	Low
S Su	Yucca schottii	mountain yucca	Low
S Su	Yucca thompsoniana	Thompson's yucca	Low
S Su A	Dasyliion spp.	desert spoon	Low
S Su A	Hesperaloe parviflora	red/ yellow yucca	Low
S Su N	Echinocactus spp. (CA native and non-native spp.)	barrel cactus	Low
S Su N	Ferocactus spp. (CA native and non-native spp.)	barrel cactus	Low
S Su N	Hesperoyucca spp. (Yucca whipplei, Yucca californica)	yucca	Low
S Su N	Yucca baccata	banana yucca	Low
S Su T N	Aloe spp. (CA native and non-native)	aloe	Low
Su T	Euphorbia ingens	candelabra tree	Low
T	Acacia pendula	weeping acacia	Low
T	Acacia pennatula	pennatula acacia	Low

BA-bamboo
 Bu - bult
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native

(Needles) WUCOLS - Low Desert Region			
Type	Botanical Name	Common Name	Water Use
T	Acacia schaffneri	twisted acacia	Low
T	Acacia stenophylla	eumong/shoestring acacia	Low
T	Acacia willardiana	palo blanco	Low
T	Ailanthus altissima	tree of heaven	Low
T	Caesalpinia cacalaco	cascalote	Low
T	Celtis pallida	desert hackberry	Low
T	Ceratonia siliqua	carob	Low
T	Cordia boissieri	Texas olive	Low
T	Dalbergia sissoo	indian rosewood	Low
T	Ebenopsis ebano (Pithecellobium flexicaule)	Texas ebony	Low
T	Eucalyptus formanii	Forman's mallee	Low
T	Eucalyptus macrandra	long flowered marlock	Low
T	Eucalyptus sargentii	Salt River mallet	Low
T	Eucalyptus woodwardii	lemon flowered gum	Low
T	Eysenhardtia orthocarpa	kidneywood	Low
T	Gleditsia triacanthos	honey locust	Low
T	Havardia mexicana (Pithecellobium mexicana)	Mexican ebony	Low
T	Havardia pallens (Pithecellobium pallens)	tenaza	Low
T	Leucaena retusa	golden leadball tree	Low
T	Lysiloma watsonii	feather bush	Low
T	Melia azedarach	chinaberry	Low
T	Olea europaea	olive	Low
T	Pachycormus discolor	elephant tree	Low
T	Parkinsonia "Sonorae"	Sonoran palo verde	Low
T	Parkinsonia aculeata	Mexican palo verde/ Jerusalem thorn	Low
T	Parkinsonia praecox (Cercidium praecox)	palo brea tree	Low
T	Prosopis alba	Argentine mesquite	Low
T	Prosopis glandulosa (P. chilensis)	Chilean mesquite	Low
T	Prosopis hybrids and cvs.	prosopis hybrids	Low
T	Prosopis juliflora	Arizona mesquite	Low
T	Prosopis velutina	velvet mesquite	Low
T	Quercus suber	cork oak	Low
T	Rhus lanceolata	prairie flameleaf sumac	Low
T	Vachellia farnesiana (Acacia farnesiana)	sweet acacia	Low
T	Vachellia farnesiana var. farnesiana (Acacia farnesiana farnesiana)	desert sweet acacia	Low
T	Vitex agnus-castus	chaste tree	Low
T	X Chitalpa tashkentensis	chitalpa	Low
T N	Bursera microphylla	little elephant tree	Low
T N	Celtis reticulata	western hackberry	Low
T N	Hesperocyparis stephensonii (Cupressus arizonica ssp. arizonica, C. arizonica var. glabra))	Cuyamaca cypress	Low

BA-bamboo
 Bu - bult
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native

	(Needles) WUCOLS - Low Desert Region		
Type	Botanical Name	Common Name	Water Use
T N	<i>Oleña tesota</i>	desert ironwood	Low
T N	<i>Parkinsonia "Desert Museum" (Cercidium)</i>	Desert Museum palo verde	Low
T N	<i>Parkinsonia florida (Cercidium florida)</i>	blue palo verde	Low
T N	<i>Parkinsonia microphylla (Cercidium microphyllum)</i>	little leaf palo verde	Low
T N	<i>Prosopis glandulosa var. torreyana</i>	honey mesquite	Low
T N	<i>Prosopis pubescens</i>	screwbean mesquite	Low
V	<i>Cissus trifoliata</i>	treebine	Low
V	<i>Macfadyena unguis-cati</i>	cat's claw	Low

BA-bamboo
 Bu - bult
 G - grass
 GC - groundcover
 P - perennial
 Pm - palm cycad
 S - shrub
 Su - succulent
 T - tree
 V - vine
 N - Calif. Native