
Property Owners Signature

Date: _____

Dimensioned Site Plan Drawing Required with Application. The Zoning Permit application should be accompanied by drawings of the project, including a dimensioned site plan that identifies information pertinent to the project, as follows:

- a) Property boundary and dimensions with bearings and distances
- b) Setbacks on all 4 sides of the property
- c) Current location of structures
- d) Dimensions of current structure(s)
- e) Location of proposed structures
- f) Dimensions of proposed structure(s)
- g) Outdoor storage refuse (if applicable)
- h) Property corner monuments identified and shown
- i) Fencing/screening for businesses
- j) Pedestrian access ways for residential projects
- k) Streets/alleys in the vicinity of the proposed project
- l) Parking spaces for business & residential projects
- m) Driveways/easements for residential/commercial/industrial projects
- n) Location of existing/proposed septic systems, leach field, wells, water lines, for project parcel as well as abutting parcels, if applicable

The following information is to assist you with your project. Information included in parentheses references city code that is available to assist you in understanding the requirements of your project. City code can be purchased for a nominal fee, or reviewed at the front desk.

Project Requirements:

- 1a. **New business: Location used previously for residence:**
Proposed Storage (if any)(99.07.02)
Fencing/screening (99.08)
Parking (111.04/11.04.22) - variance can be considered
- 1b. **New business: same use - building empty in excess of 180 days**
Proposed Storage (if any)(99.07.02)
Fencing/screening (99.08)
Parking (111.04/11.04.22) - variance can be considered
- 1c. **New business: Previous business use unrelated to proposed business use**
Proposed Storage (if any)(99.07.02)
Fencing/screening (99.08)
Parking (111.04/11.04.22) - variance can be considered
2. **A current business that adds a new use, i.e. "auto repair business" adding "on-site storage"**
Proposed Storage (if any)(99.07.02)
Fencing/screening (99.08)
Parking (111.04/11.04.22) - variance can be considered
3. **New Commercial/Industrial Construction**
Parcel Map No.: _____ See Requirements on map & conditions on Resolution
Height (99.05)
Setbacks (99.06.05)
Outdoor Storage (99.07)
Fencing/screening (99.08)
Driveway Standards (111.03)
Parking (111.04/11.04.22)
4. **New Residential homes, apartments, townhouses, etc. not part of an approved tract map**
Parcel Map No.: _____ See Requirements on map & conditions on Resolution
Residential Bldg Floor Area (99.00)
Height (99.05)
Setbacks (99.06.05)
Pedestrian access to dwelling (99.06.10)
Outdoor Storage (refuse) 4 or more units (99.07.01)
Driveway Standards (111.03)
Parking (111.04/11.04.22)
5. **Remodels or Second Dwelling Units (Section 96.08)**
Proposed:
Residential Bldg Floor Area (99.00)
Height (99.05)
Setbacks (99.06.05)
Minimum space between buildings (99.06.08)
Pedestrian access to dwelling (99.06.10)
Proposed new floor area (no to exceed 50% of current)(99.08)
Parking (111.04)
6. **Accessory Structures**
Setbacks (99.06.05)
Minimum space between buildings (99.06.08)
7. **Clearing, grading or excavating of land**(grading as identified in the IBC, over 5,000 cubic yard is defined as "engineered grading" and special requirements are established therefore.)
CEQA document Rqmt: _____
8. **Special Event** Permits Required (Section 96.01)

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 [Search](#)

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** [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 **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.





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

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(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	Esposita 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

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(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

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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	Dasylirion 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

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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

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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

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(for staff completion only)

1. New business: Location used previously for residence:

Proposed Storage (if any)(99.07.02): _____
Fencing/screening (99.08) _____
Parking (111.04) _____

2. New business: Previous business use unrelated to proposed business use

Proposed Storage (if any)(99.07.02): _____
Fencing/screening (99.08) _____
Parking (111.04) _____

3. A current business that adds a new use, i.e. "auto repair business" adding "on-site storage"

Proposed Storage (if any)(99.07.02) _____
Fencing/screening (99.08) _____
Parking (111.04/11.04.22) - variance can be considered

4. New Commercial/Industrial Construction

Parcel Map No.: _____ See Requirements on map & conditions on Resolution
Height (99.05): _____
Setbacks (99.06.05) _____
Outdoor Storage (99.07) _____
Fencing/screening (99.08) _____
Driveway Standards (111.03) _____
Parking (111.04/11.04.22) _____

5. New Residential homes, apartments, townhouses, etc. not part of an approved tract map

Parcel Map No.: _____ See Requirements on map & conditions on Resolution
Residential Bldg Floor Area (99.00) _____
Height (99.05): _____
Setback (99.06.05) Front _____ Rear: _____ Side 1 _____ Side 2 _____
Pedestrian access to dwelling (99.06.10) _____
Outdoor Storage (refuse) 4 or more units (99.07.01) _____
Driveway Standards (111.03) _____
Parking (111.04) _____

6. Remodels or Second Dwelling Units (Section 96.08)

Current structure:
Height (99.05) _____
Setback (99.06.05) Front _____ Rear: _____ Side 1 _____ Side 2 _____
Existing floor Area (99.08): _____

Proposed:
Residential Bldg Floor Area (99.00) _____
Height (99.05): _____
Setback (99.06.05) Front _____ Rear: _____ Side 1 _____ Side 2 _____
Minimum space between buildings (99.06.08) _____
Pedestrian access to dwelling (99.06.10) _____
Proposed new floor area (no to exceed 50% of current)(99.08): _____
Parking (111.04) _____

7. Accessory Structures

Setbacks (99.05) Front _____ Rear: _____ Side 1 _____ Side 2 _____
Minimum space between buildings (99.06.08)

8. Substantial clearing, grading or excavating of land

Quantity of proposed dirt being graded: _____
CEQA Rqmt: _____