



**AGENDA
MEETING OF THE
WATER SUSTAINABILITY COMMITTEE
VISTA IRRIGATION DISTRICT
WEDNESDAY, MAY 22, 2019 – 9:00 AM
1391 Engineer Street, Vista, CA 92081-8840**

In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Committee meeting, please contact the Board Secretary during regular business hours at (760) 597-3128. Notification received 48 hours before the meeting will enable the District to make reasonable accommodations.

1. CALL TO ORDER

2. ROLL CALL

3. CONSIDER APPROVAL OF AGENDA

In the case of an emergency, items may be added to the Agenda by a majority vote of the Committee. An emergency is defined as a work stoppage, a crippling disaster, or other activity that severely imperils public health, safety, or both. Also, items that arise after the posting of the Agenda may be added by a 2/3 vote of the Committee.

4. PUBLIC COMMENT TIME

Public comment time on items not appearing on the agenda will be limited to 5 minutes per person and 15 minutes per subject. The Committee may find it necessary to limit total time allowable for all public comment on items not appearing on the agenda at any one meeting to one hour. Persons desiring longer public comment time and/or action on specific items shall contact the Secretary and request that the item be placed on the agenda for the next regular meeting of the Board of Directors.

5. 2019 WATERSMART LANDSCAPE CONTEST

Recommendation: Review submittals and select a winner of Vista Irrigation District's 2019 WaterSmart Landscape Contest.

6. COMMENTS BY COMMITTEE MEMBERS

This item is placed on the agenda to enable individual Committee members to convey information not requiring discussion or action.

7. ADJOURNMENT

**NOTE: ITEMS ON THE AGENDA MAY BE TAKEN OUT OF SEQUENTIAL ORDER AS
THEIR PRIORITY IS DETERMINED BY THE COMMITTEE**

- *The agenda package and materials related to an agenda item submitted after the packet's distribution to the Committee, are available for public review in the lobby of the District office during normal business hours.*
- *Agendas and minutes are available at www.vidwater.org.*
- *VID Board meetings are generally held on the first and third Wednesday of each month.*

AFFIDAVIT OF POSTING

I, Ramea Ogilvie, Assistant Board Secretary of the Vista Irrigation District, hereby certify that I posted a copy of the foregoing agenda in the lobby of the District office at 1391 Engineer Street, Vista, California at least 72 hours prior to the meeting, in accordance with Govt. Code Sec. 54954.2(a).

Date: May 14, 2019

Ramea Ogilvie, Assistant Board Secretary



**WATER SUSTAINABILITY
COMMITTEE
STAFF REPORT**

Agenda Item: 5

Meeting Date: May 22, 2019
Prepared By: Brent Reyes
Reviewed By: Breona Paz
Approved By: Brett Hodgkiss

SUBJECT: 2019 WATERSMART LANDSCAPE CONTEST

RECOMMENDATION: Review submittals and select a winner of Vista Irrigation District's 2019 WaterSmart Landscape Contest.

PRIOR BOARD ACTION: At its June 6, 2018 meeting, the Board awarded a gift certificate and plaque to the winner of Vista Irrigation District's 2018 WaterSmart Landscape Contest.

FISCAL IMPACT: \$300.

SUMMARY: The District participated in 2019 WaterSmart Landscape Contest jointly coordinated and promoted, but individually judged, by the participating agencies. The District participated along with twelve other local agencies (Helix Water District, Olivenhain Municipal Water District, Otay Water District, Padre Dam Municipal Water District, San Dieguito Water District, Sweetwater Authority, Vallecitos Water District, California American Water, Rincon Del Diablo Water District and the cities of Escondido, Oceanside and San Diego) in this year's contest. The landscape contest winner receives a \$250 gift certificate from the participating agency.

DETAILED REPORT: This is the seventh straight year the District has participated in the landscape contest. Promotional materials were emailed to customers who participated in the Metropolitan Water District of Southern California's turf removal program and who attended recent landscape training workshops hosted by the District. Additional landscape contest promotional efforts included: social media promotion by the San Diego County Water Authority, leaving promotional flyers at homes with attractive water-wise landscaping, advertising the contest in the 2019 Water Awareness Calendar, placing promotional materials in the lobby and announcing the contest on the District's website. The District received four applications by the April 26, 2019 deadline.

Water Conservation and Sustainability Committee members Vásquez and Sanchez are the judges for the contest. A \$250 gift certificate and plaque will be presented to the landscape contest winner at the June 5, 2019 Board meeting. The District's winner will have their landscape featured at www.landscapecontest.com as well as on the District's website.

ATTACHMENTS: Contest Judging Matrix/Criteria
WaterSmart Landscape Contest Applications

2019 WaterSmart Landscape Contest

Applicant Name	Attractiveness/ Appeal	Plant selection	Design	Maintenance	Irrigation/Water Use	Total
Brandt						
Locke						
Sainz						
Santel						

Please rate the landscape contest applicants on the basis of the following five (5) areas. Please rate from 1-5 (5 being high).

Overall attractiveness:

Curb appeal; pleasing color, form, texture, contour; plants are well maintained; weeds kept to a minimum

Appropriate plant selection:

Climate-appropriate plant palette; minimal or functional turf; functional landscape, meets needs of owners

Design:

Landscaping is able to thrive with less water, has adequate plant coverage, permeable soils, and takes advantage of site features like shade, micro-climates, or low-lying flood areas; landscaping also meets needs of owners

Appropriate maintenance:

Mulch; weeds kept to a minimum; plants neat, tidy and attractive

Efficient methods of irrigation:

Uses appropriate irrigation equipment for plant material, such as drip irrigation or efficient rotating spray nozzles

Owner's Name

Deborah Brandt

Landscape Installation Date

08/01/2017

How did you hear about the contest?

Brent Reyes - Water Conservation Specialist

Tell us why you decided to install a WaterSmart landscape (300 - 500 words):

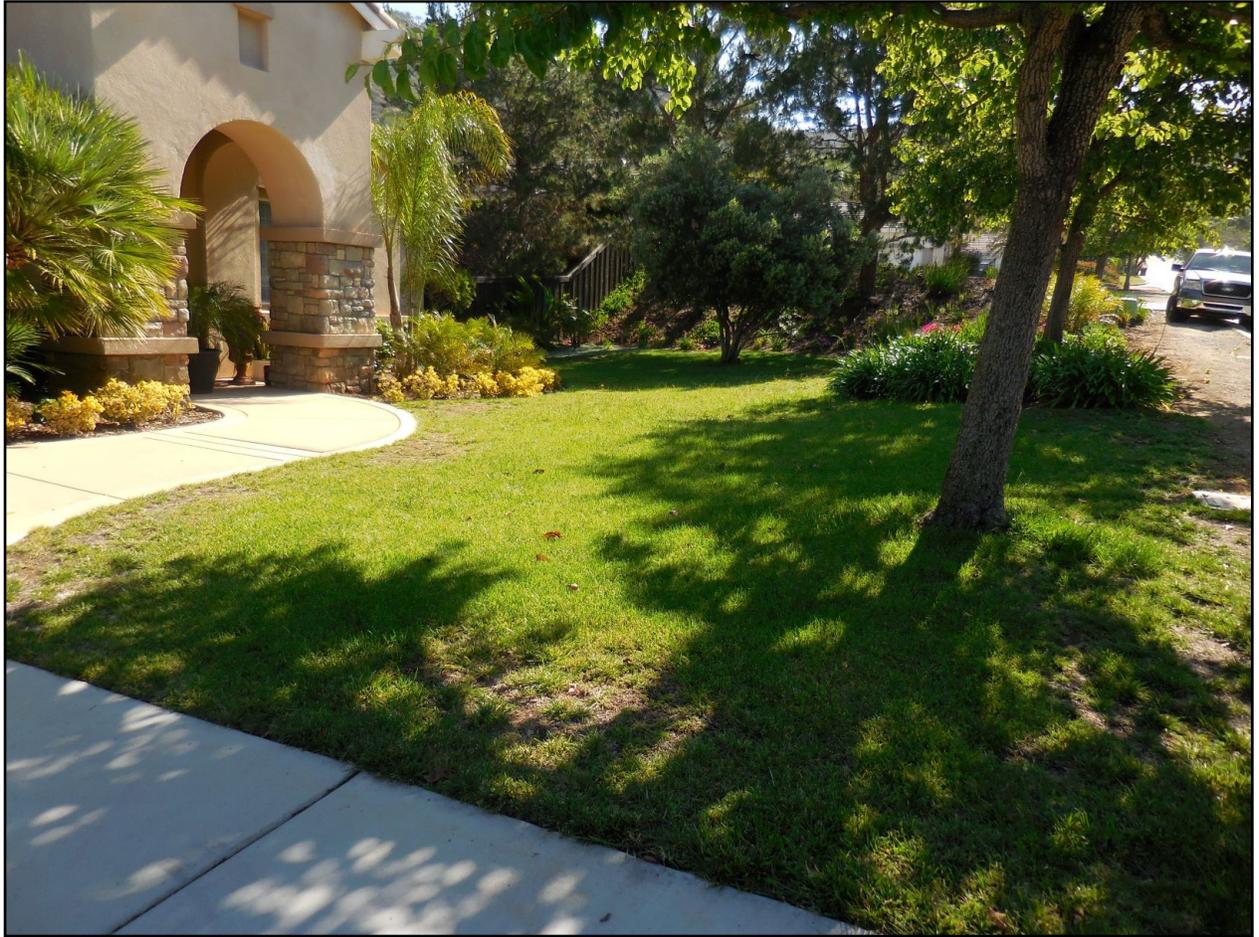
Why did I decide to install a water smart landscape.....Save water and reduce my time to maintain my yard! Love the results! Very low maintenance as my plant choices grow easily, require little care or trimming and provide a year round colorful contrast of form, shape and color! Majority of the base field material is redwood chips - they have a longer life, provide a wonderful aroma and I like the crunchy sound under my feet! I also used river rock as a contrast against the red wood chips - this is used around several of the central feature trees or cactus. Many of the cactus were given to me by my brother - they have made a great addition to my front yard - so many varieties, shapes, forms, sizes - actually stunning works of art! Water efficiency is a way of life and important responsibility that comes with living in a beautiful, Mediterranean climate like San Diego County. Designing beautiful and appropriate landscaping was a lot of fun.....and OK I admit.....I enjoy receiving wonderful compliments by neighbors and friends.....all of the time!!

List the water-wise plants you used in the design:

Sea Lavender - purple straw like flowers
Calandinia Grandiflora - succulent with pink flowers
Sticks on fire - turns brilliant orange in full sun - gorgeous!
Bird of Paradise
Ornamental Grasses - Pennisetum, Pink Muhly, Deer, Pony Tail Mexican Feather
Cactus - Barrel, Pear Fruit, Agave, Brain (Euphorbia Cactea Cristata)
Yucca - several varieties
Agave - several varieties

Describe how you water your landscape (50 - 100 words):

The entire area where grass was removed was covered with thick black felt to keep weed growth to a minimum, drip irrigation runs throughout the entire area, primary field material is redwood chips, low water plants, succulents, cactus were planted adjacent and around feature rocks of all sizes, shapes and colors, all nozzles are high efficiency, drip system is programmed to run early morning, additionally many of the plants are watered from a rainwater catch system. I have a catch capacity system of 325 gallons that are collected each time that it rains.











Owner's Name

Renie Locke

Landscape Installation Date

04/01/2015

How did you hear about the contest?

local rep

Tell us why you decided to install a WaterSmart landscape (300 - 500 words):

I suppose the most important reason was to save water. I removed 1400 square feet of lawn that required too much water to maintain a healthy green. It didn't hurt that the state was offering a two dollar per square foot to remove it. That helped to pay for the removal and dumping fees. I've always liked succulents so I was excited about the change. Turns out the pleasure of choosing these succulents and planting them got more and more enjoyable as more and more of them were in the ground. They are so vital and had a surprisingly fast development. I never lost even one plant. The best move I've made here. I'd do it again in an instant.

List the water-wise plants you used in the design:

So here's the truth: I don't know the actual names of these plants. All I did was go to a local nursery that specializes in succulents and found a diverse array of shapes and sizes. I picked them because I liked the way they looked. I know I have some Aloe plants, some cactus, some "fire sticks" but all purchased at the local nursery (probably less than a mile away as the crow flies. If you showed these pictures to any nurseryman they would likely know their names, particularly if they specialize in succulents.

Describe how you water your landscape (50 - 100 words):

Almost all these succulents are on a drip system. I only water twice a week for 3-5 minutes depending of the area. All are on a schedule using my Rainbird Timer. Best of all in the winter if we're getting any rain at all, I shut the whole thing down. Somewhat recently I was able to shut it down for 5 or 6 weeks because the ground got so saturated. These succulents obviously love the climate here. In fact one cactus is now over 7 feet tall ,considering it probably started out more like 15". I never planted a plant bigger than a 5 gallon size!



















Owner's Name

Elizabeth Sainz

Landscape Installation Date

01/15/2012

How did you hear about the contest?

Nextdoor.com

Tell us why you decided to install a WaterSmart landscape (300 - 500 words):

The mature macadamia, citrus, and pecan trees growing in the yard motivated me to purchase this home over other options back when I was home-shopping in late 2011. I've always adored eating freshly picked garden produce, and the large yard appealed to me.

List the water-wise plants you used in the design:

Pecan trees, artichokes, onions, garlic, naturalized herbs, flax, wild lettuce, swiss chard, naturalized volunteers, goji berries, figs, rosemary, lavender, mint, pigeon peas, nopales cactus, aloe vera, lemongrass, comfrey, horseradish, nasturtiums (they absorb excess water), date palms, succulents mixed in flower beds, sugar cane, plumeria, freeway daisies, re-seeding herbs like parsley, cilantro, and borage, and celery, feverfew, olives, strawberries.

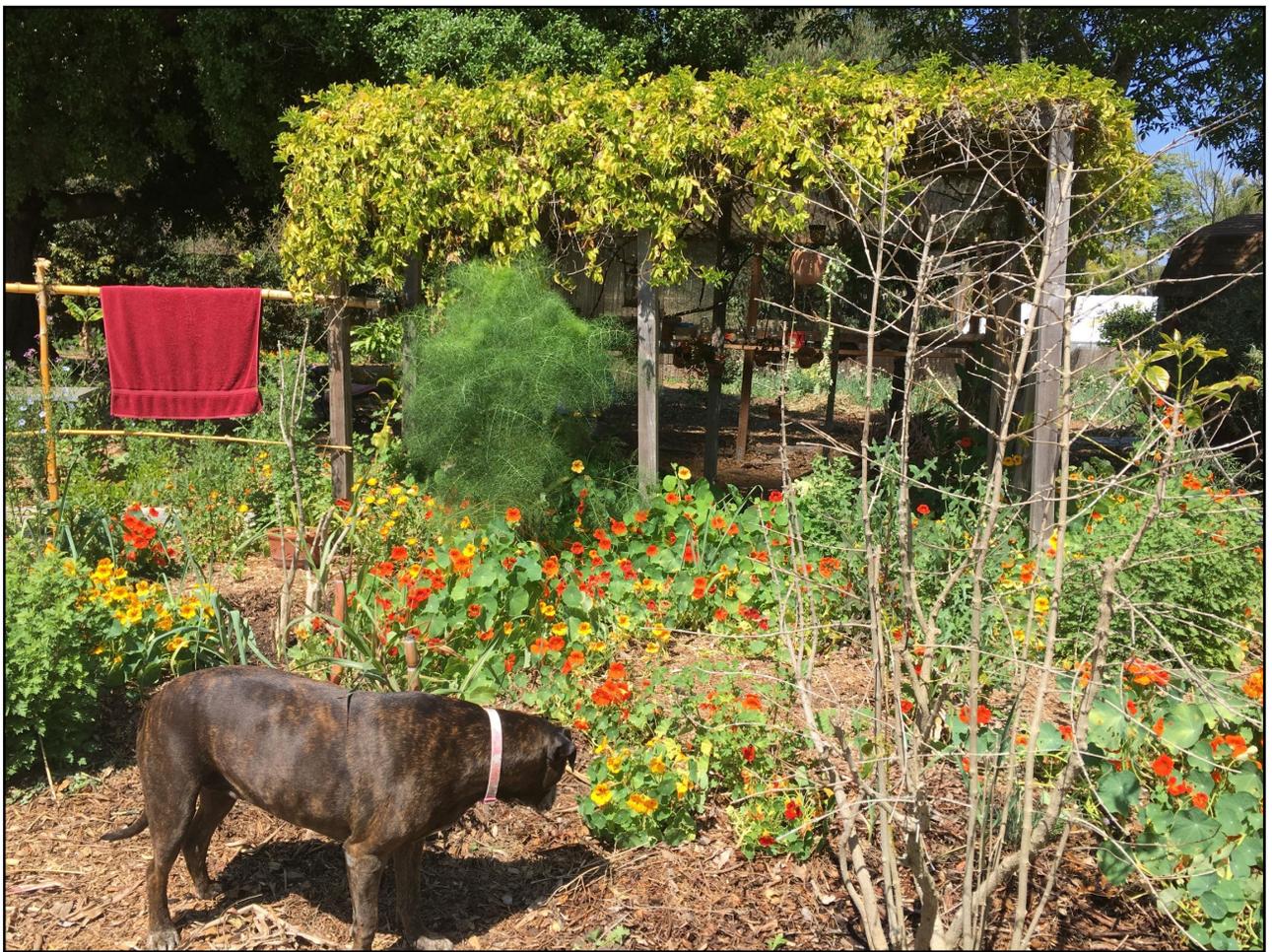
Describe how you water your landscape (50 - 100 words):

Outdoor shower with hot and cold water drains into the water table, a portable outdoor sink drains into the ground and laundry greywater diverted around the garden by fitting the drain pipe with a garden hose fitting.

Drip irrigation for full-sun plants. Individual trees have 2' long ABS pipes installed vertically into the soil near their trunks. Hose water in the pipes penetrates the root zone deeply and quickly. We use rain gutters and barrels at the house to collect and re-distribute rainwater into swales, small ponds, and hugelkulturs (buried branches and twigs) all conduct rain in the ground.











Owner's Name

Jennifer Santel

Landscape Installation Date

08/15/2015

How did you hear about the contest?

email from Vista Irrigation District

Tell us why you decided to install a WaterSmart landscape (300 - 500 words):

We wanted to dramatically reduce our water usage while maintaining an open and inviting space for our family and also our dogs. We removed all but 120 square feet of turf, which serves our dogs.

List the water-wise plants you used in the design:

We installed pygmy date palms which surround the turf area, and also installed a water-wise tolerant turf to keep the dogs happy and the water bill as low as possible. We also installed several king palms to increase our shaded space in our yard.

Describe how you water your landscape (50 - 100 words):

We utilize drip irrigation for all plants along the fence lines; high-efficiency spray nozzles on the turf area; smart controllers to manage the system; rain catchment barrels to utilize rain water for all plants not on drip irrigation.



Total turf removal approved for #TRM109362: 1200 square feet
Plants added: 5 pygmy date palms surrounding grass plot and 1 date palm on east side of yard

Original total turf area in yard: 1470 square feet
Actual total turf removed: 1350 square feet
Total turf remaining: 120 square feet







