Ivins City Parks & Recreation
Staff Report for December 1, 2022

Benny Sorensen and Sarah Nash

Bingo in the Park - Bingo in the Park ended on November 17th. We had a consistent group (20 to 30 people) of dedicated Bingo players each night even though it was cold almost every night. People came from all age ranges and enjoyed playing and winning prizes from local businesses.

Youth Basketball - Registration has closed for 2023 youth basketball (co-ed grades 1&2 and co-ed grades 3&4). We are looking forward to a great season.

Run Run Reindeer Christmas 5k fun run will be held on Saturday, December 24, 2022 at 9:00 a.m.

Maintenance – The parks crew has put up Christmas decorations. We are continuing our weekly work in our areas, and we have most of the irrigation water off for the season.

Cemetery – 3 burials in the month of November. We have had many inquiries from people who are planning ahead. We have approximately 13 traditional burial plots and 43 cremation burial plots available.

The new section excavation curb and paving is complete and we would like to check with the council to see if there is desire to make the new section Water Wise.

Joseph has put together the following information for you to review and decide if it is something you would like to discuss more.

Water Wise Landscape at the Cemetery

PROS	CONS
Water conservation	Not "normal"
More personality with burial sights	Against past practices
Less maintenance; No mowing, trimming, edging, less pesticide application, little to no fertilization, no hard water deposits on headstones.	May have to wait for landscape to be installed
Less expense in the long run	Might not like desert plants
Become a demonstration of waterwise culture	Selling plots in a timely manner

Pros

1. **Water Conservation:**
    a. Irrigation
    b. Plant Selection
    c. Maintenance
2. **More personality with burial**
    a. Less strict headstone requirements
    b. Have a say in plant density of burial plot
    c. Select plant type
3. **Less maintenance**

a. No mowing, trimming, edging, blowing
    i. Fuel conservation
b. Less pesticide application
    i. Two pre-emergent applications
    ii. Spot spray post emergent weeds
    iii. Not spraying for broad leaf weeds
    iv. Not applying broadcast fertilizers
c. No hard water deposits on headstone

4. **Less expensive**
    a. Significantly less water expense
    b. Cut fuel costs
    c. Less maintenance on irrigation system
5. **Become a demonstration of a waterwise landscape**
    a. First of its kind
    b. Be an example for the surrounding areas on how to present a beautiful landscape that is responsible and inviting.
    c. Prepare for cemetery expansions in the future.
    d. Set new industry standards

Cons

1. **Not "normal"**
    a. Sure but it may become necessary, therefore it would be better to have a plan in place and a process in action
2. **Against past practices**
    a. Any effort to conserve water is against past practices but that doesn't mean it's a bad decision
3. **May have to wait for landscape to be installed in full**
    a. For practicality purposes it will be best to wait to install full landscape until the section has been filled
4. **Might not like "desert" plants**
    a. Not all water wise landscape needs to be desert plants
    b. Proper irrigation can achieve a water wise landscape with "non-desert" plants
        i. Unity sod project
        ii. Ivins city signs on HWY 91
        iii. Haven sod removal
    c. Give the people who are purchasing plots the ability to select from a preapproved list of plants as well as aesthetic to inform them of the designs.
    d. Create a presentation plot area for public to view
5. **Selling plots in a timely and user-friendly manner**
    a. How to let people choose plots next to relatives and prepurchase burial plots
        i. Determine a ground cover to apply that will be easy to work around/with then install landscape when all plots in a section have been filled.
        ii. Design irrigation system that can have additions to it as the burial plots are sold based on the person who purchased its personal landscape preferences.

Design

1. **Sod**: 33,363.68 SQFT
    a. Cost of sod: $14,513.30
    b. Maintenance: mow, trim, edge, blow, weed spraying, fertilization
    c. Irrigation will be broadcast spray, est. $5,500
2. **Waterwise landscape**
    a. Cost
        i. $48,385.40 plants
        ii. $38,277.00 rocks
        iii. $4,892.64 irrigation
    b. Plants will be selected from product lists
        i. DESERT
            1. Burgundy Lace Desert Willow
            2. Desert Diva Desert Willow
            3. Velvet Mesquite
            4. Native Honey Mesquite
            5. Maverick Mesquite
            6. Paloverde
            7. Ocotillo
            8. Giant Hesperaloe
            9. Spanish Bayonet
            10. Joshua Tree
            11. Soaptree Yucca
            12. Weeping Yucca
            13. Blue Yucca
            14. Century Plant
            15. Parry's Agave
            16. Artichoke Agave
            17. Rough Leaved Agave
            18. Desert Spoon
            19. Golden Barrel Cactus
            20. Hedgehog Cactus
            21. Claret Cup Cactus
            22. Fishhook Barrel Cactus
            23. Red Yucca
            24. 'Flava' Golden Yucca
            25. Bear Grass
            26. Beavertail Cactus
            27. Teddy Bear Cholla
            28. White Bunny Ears
            29. Cinnamon Bunny Ears
            30. Engelmann Prickly Pear
            31. Purple Prickly Pear
            32. Banana Yucca
            33. Desert Marigold
            34. Orange Globemallow
            35. Pink Globemallow
        ii. NON-DESERT
            1. Southern Live Oak
            2. Red Push Chinese Pistache
            3. Lace Bark Elm

4. Red Rock Oak
5. Burred Oak
6. Mondel Pine
7. Mexican Sycamore
8. Caroline Cherry
9. Japanese Blueberry
10. Yellow Bird of Paradise
11. Crape Myrtle
12. Chaste Tree
13. Spanish Broom
14. Arizona Rosewood
15. Compact Texas Sage
16. Green Cloud Texas Sage
17. Heavenly Cloud Texas Sage
18. Autumn Sage
19. Red Tip Photinia
20. Blue Grama Grass
21. Regal Mist Grass
22. Carex Grass
23. Little Bluestem
24. Starn Coyote Bush
25. Chocolate Flower
26. Blanket Flower
27. Pink Guara
28. Perky Sue
29. Germander
30. Desert Daisy

iii. Plant selection may change due to availability or aesthetic
iv. Plants will be selected by the crew from approved plants

c. Irrigation will be pressure compensated and source placed
d. Rock will be selected from product list
    i. Rebel Red – Chat, 1-4in
    ii. Cappuccino – 2-4in
    iii. Black Lava – 2-4in
    iv. Red, Black hardstone boulders

Local Landscape Examples That Can Be Adapted







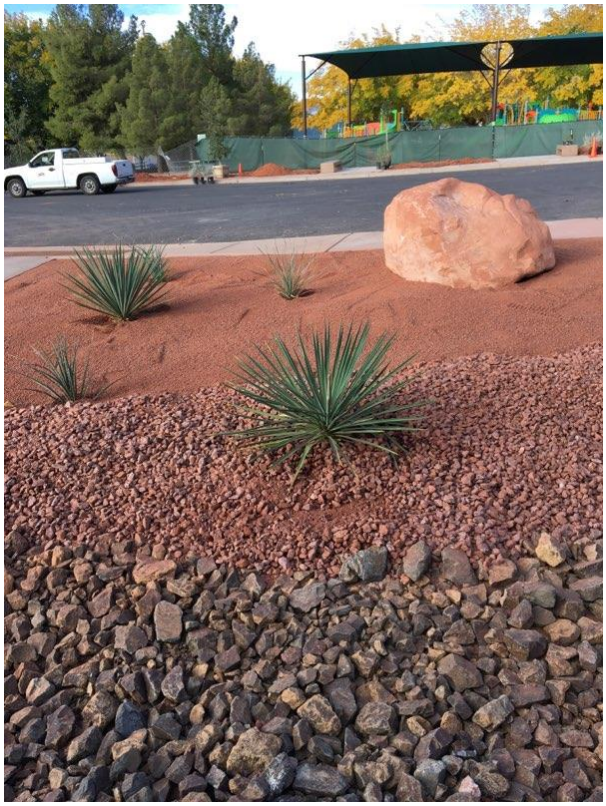
















Not Local Examples

Fort Bliss National Cemetery, TX















Bakersfield National Cemetery, CA

https://www.youtube.com/watch?v=RSYv-wYLjRE







Southern Arizona National Cemetery





https://www.youtube.com/watch?v=6_rUcHJ9pIw

Action Plan

1. Come up with a preliminary idea.
    a. Create idea outline
    b. Possibly create PowerPoint or other form of presentation
2. Get councils approval
    a. Mayor Hart has been informed and is in agreeance with the idea
    b. Present idea to city council for feedback
    c. Resolve any issues/concerns and re-present
3. Engineer plan
    a. Have certified landscape architect create plan that best fit the requirements that Ivins City needs to create a waterwise Cemetery
        i. Functional for burials
        ii. Get a high volume of burial plots while lowering watering need
        iii. Have a beautiful landscape that provides a peaceful and well-presented resting place for the residents of Ivins City Cemetery
    b. Have city engineers as well as parks management approve plans
    c. Inform administration of plan
4. Install landscape
    a. Install irrigation
    b. Plant plants
    c. Cover with decorative rock
5. Begin selling and utilizing the burial plots