



CITIZENS' WATER ADVISORY COMMITTEE
(CWAC) Conservation & Education Subcommittee

Monday, August 8, 2022, 2:00 p.m.

Virtual Meeting – Microsoft Teams

Legal Action Report and Meeting Minutes

1) **Call to Order / Opening Statement:**

The meeting to order at 2:02 p.m.

Roll Call:

Those present and absent were:

Present:

Lisa Shipek (Chair)	Representative, Ward 3
Ed Hendel	Representative, Mayor
Raul Ramirez	Representative, Ward 1
Roxanna Valenzuela	Representative, Ward 2

Absent:

Raye Winch	Representative, City Manager
Roxanna Valenzuela	Representative, Ward 2

2) **Announcements** – None

3) **Review and approval of July 11, 2022, Legal Action Report and Meeting Minutes** - Member Hendel moved to approve the Legal Action Report & Minutes. Member Ramirez duly seconded the motion. **Discussion:** Member Shipek indicated a misspelling of her name and missed items on the report. Mrs. Rodriguez requested any missing items should be sent to her to be changed. The motion passed with the discussed changes on a roll call vote of 3 – 0.

4) **Rainwater Harvesting Discussion** – Mrs. Ruppert and Mrs. Ogata presented items four and five as a single item.

- a) Rainwater Harvesting Program Overview
 - i) Program requirements

Citizens' Water Advisory Committee

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Meeting Administrator

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- (1) Applicants may apply for a passive and active rebate not exceeding \$2,000 for the combination.
- (2) Applicants must attend an approved three-hour workshop to qualify for the rebate program.
- (3) Qualifying workshops were offered in English through Smartscape and Watershed Management Group and in Spanish by SERI.
- ii) Level 1 – Simple/Passive (earthworks) will rebate 50 percent of the cost of eligible material and labor up to \$500
- iii) Level 2 – Complex/Active System (tanks) will rebate system costs up to \$2,000 based on gallon capacity:
 - (1) \$0.25 per gallon capacity of 50–799-gallon tanks
 - (2) \$1 per gallon capacity of 800 gallons and larger tanks
- b) Observations
 - i) For several years tank prices per gallon decreased; prices have increased in the last two years
 - ii) Guttering is still a major expense for customers who do not already have gutters
 - iii) 800-gal req for \$1/gal is arbitrary
 - iv) Passive-only projects account for about 10% of the rebates and ~1% of the rebate dollars invested
 - v) Currently, no way to estimate the storage of these earthworks
 - vi) Because of contractor requirements, little benefit for DIY
- c) RWH Rebate Revamp: Purpose
 - i) HEALTH: Coupled with Plantings – increase onsite Green Space
 - (1) Promote healthy lifestyles: increase onsite greenery associated with increased physical and mental health – the sense of well-being
 - (2) Mitigating Urban Heat Islands: associated with reduced surrounding temperatures, improved air quality
 - (3) Creating habitat for local and migratory wildlife
 - ii) SAFETY: Increase Climate Resiliency
 - (1) Increase the use of renewable water resources while decreasing dependency on potable water for outdoor landscapes
 - (2) Reduce stormwater peak flow runoff (reduce nuisance flooding and need for larger stormwater infrastructure)
 - iii) WELFARE: Increase/Maintain Community Development
 - (1) Provide economic and environmental incentives/outlets for people to be able to contribute toward community solutions
 - (2) Prioritize and monitor actions to manage programs to be inclusive and equitable



- iv) Revamp Level 1 Simple/Passive
- v) Revamp Level 2 Basic Calculations
- d) Discussion
 - i) Assumptions:
 - (1) 1" rain event is the current direction of stormwater capture for surface runoff (includes 95% of all storms)
 - (2) Average basin depth 6"-8"; for table simplification, use 8" as guidance
 - (3) Basins receive 1.5x credit for the volume of storage
 - ii) Discussion Items:
 - (1) Rebate:
 - (a) If combo of active + passive = 100% runoff then \$1/gallon
 - (b) If < 100% runoff, consider \$0.50/gallon
 - (c) The total rebate is per gallon of storage up to \$2,000
 - (2) Multiple basins + overflows?
 - (3) Update guidance on plant demand calculations (encouraging rainwater for plant health)
 - (4) Provide % cost of gutter installation (assure roof capture going into the basin).

5) Gray Water Harvesting – Mrs. Rupprecht and Mrs. Ogata presented items four and five as a single item.

- a) Gray Water Harvesting Overview**
- b) Program Requirements**
 - i) one-half the cost up to \$1,000.
 - ii) To be eligible for the gray water incentive rebate program, applicants must attend a two-hour workshop.
 - iii) Qualifying workshops are currently offered through Watershed Management Group.
- c) Greyter Water System Pilot with Lennar (Family of Four targets)**
 - i) Toilet consumption ~ 9,300 gallons/yr (4 people x 5 flushes x 1.28 gpf x 365 days)
 - ii) Greyter target offset 80-95% (7,500-9,000-gallons). Goal is to be consistently at 9,000 gallons under normal occupant behavior (fam 4)
 - iii) Tucson pilot of 6 homes – 83% flushing use from Greyter reclaimed water
- d) Current Ordinance No. 10579**
- e) Gray Water Knowledge**

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- 6) Future Meetings / Agenda Items** – Chair Shipeck opened the discussion for members to identify future agenda topics for the committee. Identifying possible discussion topics for each month, essential duties, and outcomes of the discussion. Chair Shipeck presented a calendar with each month of the year through June 2023. Chair Shipeck asked for committee feedback and additional items to be added to future agendas.
 - a)** Members requested CWAC Roles and responsibilities, including subcommittee responsibilities, to be added as a future agenda item for full CWAC.
 - b)** Members expressed their interest in the Drought Response and Differential Water Rates.

- 7) Call to Audience** – Audience member Chris McVie read comments for the committee: “Candice, what are the ways you are looking at documenting the approach and implementation of actions homeowners will take if not by doing site visits? Zanjeros do site visits? C” Response from Mrs. Ogata “Noted Chris: thank you for question; one which we are exploring; (1) partially, via the calculations as part of the documentation; (2) also require site plan as is currently required. If you have other suggestions: yes, Zanjeros is also a consideration to do post-installation visits.”

- 8) Adjournment** – Meeting ended at 3:33 p.m.