

**Written Communications (CAC Members)  
November 15, 2016 CAC Meeting**

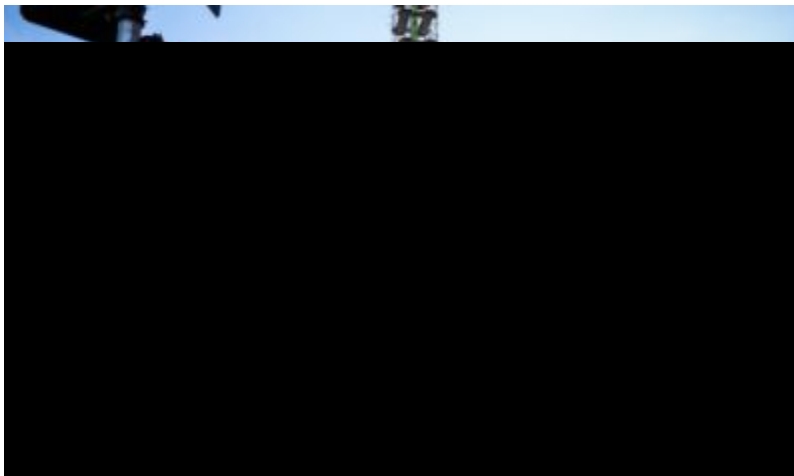
## From CAC Member Hamilton Hitchings

Please forward this article to the CAC as part of the packet for our next meeting. Thanks.

Hamilton

On Monday, October 31, 2016 10:19 PM, Esther Nigenda <[enigenda@yahoo.com](mailto:enigenda@yahoo.com)> wrote:

Lydia just sent us this link: [Millennium redux? San Mateo Rite Aid says dewatering sank floor](#)



### **Millennium redux? San Mateo Rite Aid says dewatering sank floor**

The owner of the Rite Aid Pharmacy in San Mateo is suing the developer of a large office complex under construct...

## **From CAC Member Shani Kleinhaus**

From: Shani Kleinhaus [<mailto:shanibirds@gmail.com>]  
Sent: Tuesday, October 18, 2016 8:37 PM  
To: Lee, Elena  
Subject: Why You Should Leave the Leaves - National Wildlife Federation

Elena,  
Please distribute?

<http://www.nwf.org/News-and-Magazines/National-Wildlife/Gardening/Archives/2015/Leave-the-Leaves.aspx>

## **From CAC Member Don McDougall**

-----Original Message-----  
From: DON MCDUGALL [<mailto:mcdougall.don@gmail.com>]  
Sent: Wednesday, November 09, 2016 10:10 AM  
To: Lee, Elena  
Cc: Evernote  
Subject: Every Tree in New York City, Mapped

Elena,

Maybe to subcommittee or all of CAC.

With a super-detailed guide to its latest tree census, the Parks Department wants to give more citizens green thumbs.

Read More:  
[http://www.citylab.com/design/2016/11/an-encyclopedic-map-of-new-york-citys-street-trees/506492/?utm\\_source=eb](http://www.citylab.com/design/2016/11/an-encyclopedic-map-of-new-york-citys-street-trees/506492/?utm_source=eb)



The idea is to recapture the groundwater from basement dewatering sites and use it to replace the potable water use at Palo Alto parks during the dry season. this would kill a few birds with one stone... recapturing groundwater along with essentially replacing the irrigation cycles (potable water use) of all Palo Alto parks with reclaimed water... and maybe create some jobs in the process. Assuming we had 15 - 20 cisterns/water storage tanks installed at city parks, five water - trucks running could recapture 200,000 gallons+ of groundwater per day and dump it into underground cisterns located at Palo Alto city parks. The idea would be to install the tanks at locations unlikely to be hit by the pipeline anytime soon (yet nearby).

The recycled water pipeline extension is proposed to be extended down Page Mill to Foothill expressway to the more water intensive users such as Stanford business park and Gunn High School. Our goal is to extend the pipeline to areas which otherwise wouldn't be hit by the pipeline anytime soon. We can fill the trucks at purple fire hydrants, essentially going the mile final (extending the pipeline).

Please see pages 5-2 through 5-4 of the plan: <http://www.cityofpaloalto.org/civicax/filebank/documents/15103>

#### **BOL PARK:**

I found out that Bol Park typically uses 13,000 - 15,000 gallons of water per irrigation cycle. If we installed a 20,000g storage tank (or cistern) at the park it would capture water during the rainy season. The groundwater sites are generally open from April 1st - October 31st. As long as one is available, we could deliver the water under the basement dewatering groundwater contact so the costs would be minimal the city. If all the groundwater sites happen to be down or if the weather is dry from November 1st - March 31st, we could deliver recycled water from the regional water quality control plant on Embarcadero Rd. or the Greet St. fire hydrant for \$0.03/g. If the proposed recycled water pipeline extension is completed in 2018 toward Gunn High School, this variable cost per gallon would most likely fall to the \$0.015/g range.

So we could effectively replace most of the entire year's potable water needs for zero variable cost (assuming groundwater program stays in place) to the city. The potable water supply could be tied into the cistern via a true air gap and remain title 22 complaint. This would be a backup water supply. The city could use it when the groundwater season is over or if it's not raining.... or the city could instead decide to have us deliver the recycled water at \$0.03/g. Assuming a 3 day weekly irrigation cycle in March and November at 15,000g per cycle. We could replace the potable water schedule with recycled water for \$5,400/month for those months. So assuming it doesn't rain at all during the winter, and the city keeps a 3 day per week irrigation cycle during the winter months, we could estimate the variable cost of replacing 100% of the potable water needs at Bol Park for the entire year to be \$27,000.... but that's assuming it doesn't rain at all. An average rainfall year and the variable costs would essentially be free.

Anyway, I've been working with a few contacts in Public Works/Parks and Open Spaces and it looks like this is something they're seriously going to consider.

Best regards,

Joe Rahn

On Wed, Nov 2, 2016 at 7:39 AM, Don McDougall <[mcdougall.don@gmail.com](mailto:mcdougall.don@gmail.com)> wrote:

Joseph,

Nice to meet you last night. Attached is a draft of part the Safety Element of the Comprehensive Plan that deals with waste water etc. There are other other parts of the Comp Plan that may be of interest but this is a good start. The packet includes the date and place for the meeting and citizen comments are welcome at the beginning of each meeting. I hope this is useful to you.

\_\_\_Don