

TOWN OF SOUTH BETHANY
Canal Water Quality Meeting
Monday, July 21, 2008 (3:30 p.m.)

GEORGE'S NOTES

I. Oyster Gardening Program Update

(Allan Allenspach)

- Jay should have a copy of a meeting at the CIB
- 2nd year things are going quite well
- Oysters in floats survived the mild winter
- Seeded some oysters on rip-rap and they are doing well
- Al is looking for rip-rap places in South Bethany to seed
- There is a slight increase in the number of gardeners this year
- State Marine Sciences do not have funds to make more spat
- DE State student is concentrating on FI this year
- EJ has been coming and going and may come and take some oysters out and put them someplace else
- We should try to get them to seed our rip-rap

II. Water Monitoring Program Update

(Jack Whitney)

- Has more volunteers and most are trained
- DO has been between 2 and 4
- SB10 reported some HABs
- Some bacteria reported at Layton (SB07)
- DNREC is purchasing an electric DO meter for us at ~\$850 vs. ~\$1,200

III. Stormwater Issues Update

(George Junkin)

- We have good rain data now for about one year
- Historical reports tell us the volume of water we get for each inch of rain
- We need to determine cost vs. benefits for various BMPs
- Chris Bason's study should help

IV. Anchorage Canal Drainage Assessment Program Update(Jay Headman)

- Melvin has the paperwork from the Corps and everything seems to be OK
- DelDot matching funds seem to be OK
- Melvin has to show the Corps how everything will be matched, etc.

V. Education Program Update

(George Junkin and Jay Headman)

- Do bags seem to be working well. There seems to be less dog p—p laying around
- *Zepher* and *Shorelines* being used to educate re. water quality issues
- Chris Bason did good at the SBPOA Bull Roast
- We need to find out if the winner of the rain barrel has installed it

- We need more education on rain gardens and impervious surfaces

VI. Town Ordinances Update (Impervious Surfaces) (Jay Headman)

- Jack says that [the ordinance we](#) should [follow industry standards and also](#) allow LEED “certified” pavers or pavers that qualify as green certified pavers [and stated his feeling that all pavers should not be prohibited on the canal sides of the lot.](#)
- Basically the committee liked the ordinance as long as pavers that were truly pervious were allowed. This may take some work since most pavers that George has heard about get plugged up easily with sand.

VII. Canal Dredging Update (Gary Jayne)

- 7,100 cubic yards were dredged and pumped to the spoils site
- The dredger had lots of problems due to junk (bicycles, chairs, pine needles, etc) plugging up his equipment. This cost more dollars.
- Contract not yet closed but it is close
- Question was asked about the final survey. The committee would like the data on canal bathymetry.
- Turned engineers on to alternatives relative to “holes”
- Lessons learned include establishing a budget to fund canal maintenance.
- Canals were dredged to - 4’ MLW (NGVD 1929). The Jefferson tide gage uses NGVD 1929 as its datum. This can be converted to NAVD by subtracting 0.8’.

VIII. State PCS Program Update (Ron Wuslich)

- Despite efforts of some DE congressmen and the Positive Growth Alliance the PCS will probably be promulgated before Gov. Minner leaves office.
- Hooker is against the current PCS
- The two big issues in the PCS are
 1. Costs to replace septic systems
 2. 100 foot buffers

IX. Tidal Pump System Program Update (Jay Headman)

- The JPP Meeting was tough. We may never be able to get the permits.
- We for sure will need an environmental impact study. No one wants to take a chance that the Tidal Pump might do something bad to the our canals, the Inland Bays or to the Ocean. We have a lot of work to do here. This is consistent with what Duffield told us.
- We will continue to work the issues and meet with the Appropriate DNREC and Army Corps people.

X. Other Items - There were no other issues.