



Canal Current

A wave of information for Cape Coral's Canalwatch volunteers

Newsletter: 3rd Quarter 2007

November Social

Mark your Calendars for the 9th!

The November social will be held at Rotary Park from 9:00 am to 12:00 pm on Friday, November 9th. The scheduled sample day (November, 7) will still take place, however you may bring your sample and data sheet to the social if you prefer.

The November social is a terrific opportunity to meet new volunteers and socialize with friends. Snacks and refreshments will be offered, and a brief presentation on the restructuring of the Canalwatch data for the newsletters will be held at 10:00 am. Hope to see you there!

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Questions? Comments? Let us know!

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Native Plant Profile

Saltbush

Baccharis halimifolia

Saltbush is often found in brackish marsh areas, but its hardy nature allows it to grow in almost all soil types. It prefers full sun and can grow to 12 feet in height. In landscaping it's useful as a privacy hedge or background shrub. Nonetheless the off white display of seed clusters in the early fall can be showy and appealing.



Baccharis halimifolia

Photo by Betty Wargo

Canalwatch Data: 3rd Quarter 2007

bd = below detection

stormwater quality standards are in blue -- values that exceed these standards are highlighted in red

Standard	July 2007						August 2007						September 2007					
	NO2 <1.0	NO3 <1.0	NH3 none set	TKN	T-N <2.0	T-PO4 <0.46	NO2 <1.0	NO3 <1.0	NH3 none set	TKN	T-N <2.0	T-PO4 <0.46	NO2 <1.0	NO3 <1.0	NH3 none set	TKN	T-N <2.0	T-PO4 <0.46
1A	bd	0.21			0.21	0.16	bd	bd	0.2	1.1	1.10	0.21	bd	0.06	0.2	5.2	5.26	0.15
1B							bd	0.07	0.4	1.3	1.37	0.16	bd	bd	0.3	1.5	1.50	0.12
1C	bd	0.21			0.21	0.09	bd	bd	0.3	0.7	0.70	0.13						
1D	bd	0.27			0.27	0.07												
3D	bd	0.22			0.22	0.05	bd	0.06	0.2	0.8	0.86	0.09	bd	bd	0.2	1.2	1.20	0.07
3F						0.06	bd	bd	0.3	0.8	0.80	0.08	bd	bd	0.1	1.1	1.10	0.05
4D	bd	0.24			0.24	0.05	bd	bd	0.1	0.8	0.80	0.12	bd	bd	0.2	1.2	1.20	0.09
4E	bd	0.23			0.23	0.10	bd	bd	0.5	0.8	0.80	0.12	bd	bd	0.2	1.5	1.50	0.11
6F	bd	0.18			0.18	0.09	bd	bd	0.2	1.6	1.60	0.25	bd	bd	0.2	1.1	1.10	0.11
7B	bd	0.20			0.20	0.12	bd	bd	bd	1	1.00	0.17	bd	bd	0.1	1	1.00	0.08
10B	bd	0.27			0.27	0.09												
11C	bd	0.17			0.17	0.16	bd	bd	bd	1.5	1.50	0.25	bd	bd	0.1	1.1	1.10	0.13
11D	bd	0.53			0.53	0.14	bd	bd	bd	1.1	1.10	0.19	bd	bd	0.1	1.2	1.20	0.13
13A	bd	0.21			0.21	0.19							bd	0.05	0.2	1.4	1.45	0.10
16B							bd	bd	bd	0.8	0.80	bd	bd	bd	0.1	1.1	1.10	bd
19D	bd	0.24			0.24	0.19	bd	bd	bd	1.1	1.10	0.23	bd	bd	0.1	1.2	1.20	0.18
19E	bd	0.26			0.26	0.19	bd	bd	0.2	1.3	1.30	0.24	bd	bd	0.1	1.2	1.20	0.15
19G	bd	0.23			0.23	0.16	bd	bd	bd	1.2	1.20	0.21	bd	bd	0.4	1.2	1.20	0.14
20E	bd	0.20			0.20	0.22	bd	bd	bd	1	1.00	0.17						
21D	bd	0.22			0.22	0.23	bd	bd	0.3	1.1	1.10	0.17	bd	bd	0.1	1.2	1.20	0.11
22C	bd	0.23			0.23	0.26	bd	bd	bd	1	1.00	0.26	bd	bd	0.1	0.9	0.90	0.09
22F	bd	0.19			0.19	0.29	bd	bd	bd	1	1.00	0.15	bd	bd	0.1	0.9	0.90	0.12
26A							bd	bd	0.2	1	1.00	0.06	bd	bd	bd	1.2	1.20	bd
26D	bd	0.12			0.12	0.13	bd		bd	1.4	1.40	0.09	bd	0.06	0.2	1.1	1.16	bd
28D	bd	0.19			0.19	bd	bd	bd	bd	0.9	0.90	bd	bd	bd	bd	1.1	1.10	bd
35A							bd	bd	0.1	0.8	0.80	bd						
41A	bd	0.20			0.20	bd	bd	bd	bd	1.3	1.30	bd	bd	bd	0.1	0.8	0.80	bd
42A	bd	0.20			0.20	bd	bd	bd	bd	0.6	0.60	bd	bd	bd	0.1	0.8	0.80	bd

43A	bd	0.21	0.21	0.07	bd	bd	bd	0.9	0.90	bd	bd	bd	0.2	1.1	1.10	bd
48A	bd	0.23	0.23	bd	bd	bd	bd	0.6	0.60	bd						
49A	bd	0.25	0.25	bd	bd	0.05	bd	0.5	0.55	bd	bd	0.10	0.1	0.7	0.80	bd
52B	bd	0.22	0.22	bd	bd	bd	bd	0.6	0.60	bd	bd	bd	bd	0.9	0.90	bd
55B	bd	0.22	0.22	bd	bd	bd	bd	1.2	1.20	bd						
58E	bd	0.18	0.18	bd	bd	bd	bd	0.9	0.90	bd	bd	bd	0.1	1.1	1.10	bd
58F					bd	bd	bd	1.3	1.30	0.06	bd	bd	0.2	1.3	1.30	bd
58G	bd	0.15	0.15	bd	bd	bd	bd	1	1.00	0.05	bd	bd	0.1	1.1	1.10	bd
59B	bd	0.26	0.26	bd	bd	bd	0.2	1	1.00	bd	bd	bd	0.1	1.1	1.10	bd
60A	bd	0.17	0.17	bd	bd	bd	bd	1	1.00	bd	bd	bd	bd	0.9	0.90	bd
62C	bd	0.21	0.21	bd	bd	bd	bd	0.9	0.90	bd	bd	bd	0.2	1	1.00	bd
64B	bd	0.22	0.22	0.07	bd	0.05	0.3	1	1.05	0.09						
64C	bd	0.28	0.28	0.05	bd	bd	0.2	1	1.00	0.09	bd	0.06	0.1	1	1.06	0.06
66A	bd	0.26	0.26	0.07							bd	bd	bd	1.3	1.30	bd
67A					bd	0.06	bd	1	1.06	0.09	bd	0.05	0.1	0.8	0.85	0.07
67C	bd	0.24	0.24	0.06	bd	bd	0.5	1.1	1.10	0.06	bd	bd	0.1	0.8	0.80	0.05
70B	bd	0.27	0.27	bd												
70D	bd	0.26	0.26	0.06	bd	bd	0.1	1.5	1.50	0.06	bd	bd	0.2	1.2	1.20	bd
70E	bd	0.19	0.19	0.05	bd	bd	bd	1.7	1.70	0.05	bd	bd	bd	1.4	1.40	0.05
72A					bd	bd	bd	1.5	1.50	0.07	bd	bd	bd	1.5	1.50	bd
74B	bd	0.26	0.26	bd	bd	bd	bd	1.4	1.40	0.05	bd	bd	bd	1.2	1.20	bd
83A	bd	0.27	0.27	0.07	bd	bd	bd	1.3	1.30	0.05						
85C	bd	0.25	0.25	bd	bd	bd	bd	0.8	0.80	bd	bd	bd	0.1	0.7	0.70	bd
88B	bd	0.22	0.22	0.05	bd	bd	bd	1.5	1.50	0.08	bd	bd	bd	1.4	1.40	0.05
90A	bd	0.20	0.20	0.06	bd	bd	bd	1.5	1.50	0.06	bd	bd	0.2	1	1.00	bd
Median		0.22	0.22	0.09		0.06	0.20	1.00	1.00	0.09		0.06	0.10	1.10	1.10	0.105
Max		0.53	0.53	0.29		0.07	0.50	1.70	1.70	0.26		0.10	0.40	5.20	5.26	0.18

NO ₂ = Nitrite (inorganic)	TKN = Total Kjeldahl Nitrogen (organic)	High levels of nutrients in our canals can indicate the presence of fertilizer runoff or effluent from wastewater or septic systems. Excessive nutrients can lead to nuisance plant growth and algal blooms.
NO ₃ = Nitrate (inorganic)	TN = Total Nitrogen (sum of inorganic and organic)	
NH ₃ = Ammonia (inorganic)	TPO ₄ = Total Phosphate	

Events

October

Sunset Celebration on the River
CC Yacht Club 3rd

Real Live Pet Show
CC Yacht Club 12th

Native Plant Sale
Four Mile Cove
Eco Park 20th

Fall Festival at
Four Freedoms Park
20th

Monofilament Madness
Marine Cleanup 28th
for details: 334-3488

November

Charlotte Harbor
Nature Festival 3rd
www.CHNEP.org

Sunset Celebration on
the River
CC Yacht Club 7th

Coconut Festival
Sunsplash Fairgrounds
9th – 11th
www.cocofest.com

Veterans Day Parade 10th
SE 47th Terr at 10:00am

Thanksgiving 22nd

Hurricane Season ends 30th

December

**2008 data sheets will be
mailed in mid-December**

Sunset Celebration on the
River
CC Yacht Club 5th

Pearl Harbor Remembrance
day 7th

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