District 2

Operations Report
Operations Report Topics

- Lake Uihlein Bank Erosion
- District 2 & 5 Landscape Summary
- Results of Tropical Storm Debby
- Palm Replacement Project
- Long Term Beautification Plan
- Protect Our Ponds Program
- Annuals
- Preserve Maintenance Phase II - Roadways
Lake Uihlein

Lake Bank Erosion
Areas of erosion identified from field inspection:

1) Edgewater Pointe
   - 4’ x 5’ - Minor
2) Edgewater Pointe
   - 4’ x 5’ - Minor
3) Edgewater Pointe
   - 6’ x 11’ - Minor
4) Edgewater Pointe
   - 80’ x 5’ - Minor
5) Edgewater Pointe
   - 120’ x 5’ - Moderate
6) Edgewater Pointe
   - 40’ x 5’ - Moderate
7) Edgewater Wharf
   - 25’ x 5’ - Moderate
8) Edgewater Boat Ramp
   - 42’ x 4’ - Minor
9) Edgewater Park
   - 1’ x 1-1/2’ – Moderate
10) Edgewater Park
    - 12’ x 6’ – Moderate
11) Edgewater Sound
    - 130’ x 5’ – Moderate
12) Edgewater Sound
    - 25’ x 5’ – Moderate
13) CEVA Boat Ramp
    - 20’ x 4’ – Minor
14) Watercrest
    - 20’ x 4’ – Minor
15) Watercrest
    - 20’ x 4’ – Minor
Erosion

Field Inspection

Edgewater Point
Erosion

CEVA Boat Ramp

Watercrest
## Proposal – Crosscreek Environmental

**Crosscreek Environmental Inc.**

111 Palmview Rd  
Palmerton, FL 154221

### Estimate

<table>
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<tr>
<th>Date</th>
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<tr>
<td>7/12/2013</td>
<td>1378</td>
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### Name / Address

Lakewood Ranch  
123 Lakewood Ranch Blvd  
Sarasota, FL

### Description

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<th>Qty</th>
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<td>LARGE VILLA</td>
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<td>360.00</td>
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<td>Areas 11' x 10'</td>
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Altec Lakes & Natural Areas, Inc

13194 US Hwy 301 S Ste. 4510
Riverdale, FL 33178
Phone 1-800-530-0619
Fax 813-634-3100

Propose To:
Paul Chebren
Lakewood Ranch
6123 Lorraine Rd
Sarasota/Bushnell, FL 34202
941-727-5699

<table>
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<tr>
<th>DESCRIPTION</th>
<th>Quantity</th>
<th>AMOUNT</th>
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<td>Remove and repair shoreline along Lake Upland as indicated on attachment. Install rip rap, shale, soil, protective barriers, sand as indicated in area to slow erosion and grade shoreline.</td>
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<td>9,500.00</td>
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TOTAL Due $ 9,500.00

Thank you for this opportunity to be of service to you. We trust the information contained in this proposal is consistent with your understanding. If this proposal is acceptable to you, please sign where indicated and return to our office.

Signature
Project Manager
Title of Signature

I HEREBY AUTHORIZE the performance of the services to described herein and agree to pay the charges resulting thereby. I warrant and represent that I am authorized to enter into this agreement.

Signature
Title of Signature

OTHER COMMENTS

If you have any questions about this invoice, please contact
Don Schepfer 813-796-8604

Thank You For Your Business!
Recommendation

- Altec
  - $9,500 to make all necessary repairs to the 15 areas identified
Landscape Summary
Thank You Debby

Rainfall from Debby (6/21-6/25):

- District 1 - 10.3"
- District 2 - 9"
- District 4 - 12.5"
- District 5 - 8.85"

[Image of a flooded area and a trailer loaded with debris]
District specific issues:

- **District 1**
  - Limbs and debris, but largely no issues

- **District 2**
  - Limbs and downed trees, some non-contracted maintenance services related to tree removal (no significant cost impact).
  - Thank you Brad!

- **District 4**
  - Closing of adventure park
  - Damage to playground turf (resulting in subsequent removal of turf, to be replaced with mulch)
  - Increased erosion along trail system (budget impact unknown)
  - Extra guard patrol for park (minimal cost)
  - Downed trees removed by LWR maintenance staff

- **District 5**
  - Limbs and debris, but largely no issues
  - Minimal standing water in roadways

- **Town Hall**
  - Small roof leak identified and repaired by LWR maintenance staff
Palm Replacement Project

Lakewood Ranch Blvd & Masters Ave
Palm Replacement

Design portion:
- Rendering of 3 palm replacement options providing look and feel of potential replacement options at intersection including existing plant material and architectural features. Also include aerial image of location for presentation purposes. Justification should be provided on recommended palm species type.

Rough estimate of costs:
- Provide cost estimate associated with each option including installation costs.

Design specifications:
- Provide design specifications to be utilized for collecting proposals, but only for one species of selected palm. Staff will gain consensus from the District Board of Supervisors on recommended palm replacement type.
Palm Replacement Project - Options

OPTION 1 - SILVER BISMARK PALMS

OPTION 2 - ROYAL PALMS
And the winner is???

The Silver Bismark Palm

- Cost @ $1,000 per
- Hit goal of slow growing
- Color contrast with Oaks
- Can tolerate irrigation (concern with frequent annual change out)
- Total project cost ~ $16,000
  - removal
  - replacement
  - shrub replacement
Goal:

- To utilize the services of a landscape architect to assist in developing a long-term plan that will aid the District Board in identifying landscape beautification opportunities that may: encourage neighborhood cohesiveness, preserve and enhance property values, reduce water and fertilizer use and articulate a process to implement those projects.
Areas of Focus

- Removing turf & mixed weeds
- Re-establish screening along berms between private lots & roadways
- Increase irrigation efficiency
- Neighborhood Entrances & high visibility intersection Improvements
Potential Deliverables

- Plant palettes for various types of landscaped areas
- Typical design schematics.
- A priority matrix or hierarchy of needs can be developed incorporating cost, value and return.
- Rough magnitude of costs
Typical Berm Planting

WAX MYRTLE SPACED 5’ O.C. CENTERED BETWEEN LOTS

LOWERED BEDLINE AT TOE OF SLOPE

FIREBUSH SPACED 5’ O.C.

LOT LINE

RESIDENTIAL LOT (TYPICAL)

CENTER PLANT GROUPING ON HOMES

TYPICAL BERM PLANTING LAYOUT

NOTE:
WHERE THE BERM DOES NOT ABUT THE REAR OF A RESIDENTIAL LOT (PRIMARILY AT THE CUL-DE-SAC), SPACING OF THE 40’ PLANT BEDS SHALL CONTINUE AT 90’ INTERVALS WITH THE SMALLER GROUPING OF 3 PLANTS CENTERED BETWEEN THE LARGER GROUPINGS.

RIDGE EXPANDED BERM MATERIAL LIST

<table>
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<th>#</th>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Size</th>
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<tr>
<td>165</td>
<td>Hamelia patens</td>
<td>Firebush “Standard”</td>
<td>7 Gal.</td>
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<tr>
<td>45</td>
<td>Myrica cerifera</td>
<td>Wax Myrtle</td>
<td>15 Gal.</td>
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5 year landscape improvement plan
Protect Our Ponds

Grass clippings cause pond scum.
Keep grass off the streets.
It’s the law.

The rainy season is here.
Fertilizer runoff can harm our lakes.
Fertilizer limits in place June 1 to Sept. 30.
It’s the law.

Is your landscape professional certified?
Look for this decal.
It’s the law.

www.lakewoodranchgov.org
Protect Our Ponds

Protect Our Ponds

Stop the Poo-lution!

Pat waste can cause harmful fecal coliform bacteria and excess nutrients to enter our stormwater retention ponds causing algae blooms and fish kills. This waste can also enter our major waterways such as the Manatee River, the Manasota River, and Sarasota Bay. These waterways are critical to our water supply as well as for drinking water sources for our area. Do your part and pick up after your pet.

To watch a video on how pet waste pollutes our waterways, click on the link below:

http://www.protectourponds.org

Facts About Pet Waste from Peaches for the Planet (www.peach.org/helpyourself.html)

- An average size dog dropping produces 3 billion fecal coliform bacteria.
- Research has shown that up to 93% of the fecal coliform found in urban stormwater comes from dogs.
- Observations of people walking their pets in public areas show that men are less likely to pick up after their dogs than women.
- A national survey shows that 38% of dog owners will not pick up after their dog.
- Four out of 10 households have a dog.

American's 74 million dogs produce 29,000 tons of waste each day!

Manatee County Fertilizer Ordinance

On June 1, 2013, Manatee County's Fertilizer Ordinance (Ordinance 11-11) went into effect. This ordinance applies to anyone who applies fertilizer to lawns and common areas such as residents, landscapers, past control times, and others. Click the link below to read the ordinance and the ordinance summary published by Manatee County Board of County Commissioners.

Manatee County Fertilizer Brochure
Fertilizer Ordinance Summary
Manatee County Ordinance 11-11

BeFloridian.org

SEVEN WAYS TO STOP IT OR MAINTAIN OUR WATER'S FUTURE

1. Use your own self
2. Be like a Floridian
3. Sand
4. Keep our water clean
5. Make a difference
6. care about water
7. A Floridian is the one who says yes!

http://www.be флоридиан.org

Public Records Disclosure | Site Map | E-Mail Webmaster
© 2013 Lakewood Ranch Homeowners Association
Preserve Maintenance

Phase II – Roadways
## District 2 – Options

### 15’ Maintenance Option

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<tr>
<th>Description</th>
<th>Quantity</th>
<th>Cost</th>
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<tr>
<td>Quarterly Maintenance ($820 per event)</td>
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**Total Cost:** $15,080.00

### 30’ Maintenance Option

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<td>Quarterly Maintenance ($1,230 per event)</td>
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<td>$4,920.00</td>
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**Total Cost:** $22,620.00
District 2

- Initial exotic/nuisance removal event & quarterly maintenance of 15’ buffer area - $11,800

- Total cost - $15,080

- FY2012 - $45,470.00 available
THE END