ATTACHMENT 2

Town of Surfside

9293 Harding Avenue, Surfside FL 33154

Sand Project Community Monitoring Committee
Regular Meeting

Wednesday, August 20, 2014 – 7:00 pm
Town Hall – Commission Chambers

MINUTES

Committee Members
Joe Benton
Juan Borges
Lee Gottlieb
Marianne Meischeid
Jeffrey Platt
David Raymond
Scott Stripling

1. **Call to Order and Roll Call**
   The meeting was called to order by Chair, Jeffrey Platt at 7:02 pm.

   The roll was called with the above listed members present, with the exception of Joe Benton, who is absent. A quorum was established.

   Also in attendance: Gordon Thomson, P.E., Surfside residents, Mayor Daniel Dietch, Vice-Mayor Eli Tourgeman, Linda Miller, Town Attorney, Joseph Kroll, Public Works Director, Michael Crotty, Town Manager.

The Town Manager advised that the minutes from today's meeting as well as the minutes of the August 20, 2014 meeting will be sent to the committee as well as the final report that will be sent to the Commission on September 9, 2014.

2. **Recommendation on possible enhanced land development regulations specifically for Surfside regarding future sand transfer operations.**

Town Manager indicated that the purpose of the this particular meeting to have the members provide general ideas, so that going forward the Town can assess the feasibility with insight from Nancy Shroud, the Town's Land Use Counsel, to see if land development regulations can be amended to include those ideas in the form of an ordinance.

Gordon Thomson advised that the Town can make recommendation to amend a line item on the CCCL permit, which requires the Town to agree or review permit app for setback requirements and zoning. The Town can amend zoning ordinances to include such language for the beach.

David Raymond inquired if the town can set testing protocols with relation to zoning amendments for future developments.

Jeffrey Platt inquired if the Town can place a cap on the amount of excavated sand per each development that can be placed on the beach.

The Town Manager advised that it would have to be researched legally.

Juan Borges suggested at looking at regulations that are within the Town's reach and what the Town can control.

Lee Gottlieb made a motion to request that the Commission extend the Sand Committee to move forward with the following items: beach maintenance management practices, turtle lighting outreach, removal of

exotic plants and animals, sand bypass system from Haulover, ongoing volunteer restoration and educational programs; Juan Borges seconded the motion for discussion purposes.

Some of the members wouldn't like to see this temporary committee used for additional beach issues.

The members voted in the following manner:
Raymond – no
Marianne – no
Scott –yes
Juan no
Jeff – yes
Lee – yes

The motion fails with a tied vote.

Marianne Meischeid suggested having a standing beach committee to monitor additions, alternations to the beach (public & private entities). The committee should d be empowered to review standards and guidelines for the beach such as sand guidelines. The committee should be made up of residents and business owners of the Town and should include a design expert and real estate expert amongst its members. The area the standing committee should address should be land use guidelines, hard pack edge treatment, the dunes, the beach, the sand guidelines, future nourishment, and fill transfers.

David Raymond would also like to see the standing committee and would like to see the report prior to it going to the Town Commission.

Juan Borges suggested that both Lee Gottlieb and Marianne Meischeid create separate motions due to the level of suggestions presented by each member.

The Town Manager advised that both recommendations will be included in the final report.

The Town Manager suggested September 2, 2014 as the final meeting date. Marianne Meischeid will not be available, but Town Manager advised that she can be conferenced in on the meeting.

Marianne Meischeid made a motion to create a standing committee on beach issues to be included in the final report and to also include her previous recommendations and that the duties standing committee not be made until said committee is formed. David Raymond seconded the motion.

The members voted in the following manner:
David – yes
Lee – yes
Marianne – yes
Scott - yes
Juan – no
Jeff – yes

The motion passes.

Resident Peter Neville suggested building bridges/walk way in between the gaps of the dunes in order to get rid of the sand.

Jeffrey Platt recommends that the next committee take into consideration color, grain size, and testing of all sand being place on the beach.

3. Other Issues
   N/A
4. Public Comments
   The following residents provided their feedback and concerns

regarding the sand:

- Larissa Alonzo
- Monica Grandeze
- Deborah Cimadevilla
- Peter Neville
- Marcos Arancibia

David Raymond suggest that the Town looks at other communities that have beach committees like Marco Island to view their committee structure, mission statements, etc..

Board members as well as residents would like to see more code enforcement on the beach as a part of their duties.

Lee Gottlieb made a motion to request the Town Commission to issue a temporary moratorium on sand transfers until November 1, 2014; David Raymond seconded the motion.

Juan Borges inquired if legally the Town could do it.

David withdrew his motion given new information that the motion pertains to sand east of the CCCL.

Lee Gottlieb made a motion to request the Town Commission to issue a temporary moratorium on all beach quality sand transfer until November 1, 2014; Juan Borges seconded the motion for discussion purposes.

The board didn't understand the purpose of the moratorium as it could be problematic for other developments and the Town could incur additional cost for stopping the project developments within the Town.

The members voted in the following manner:

David – no
Lee – no
Marianne – no

Scott – no
Juan – no
Jeff – no

The motion fails.

David Raymond advised that before any discussion regarding new developments and permits are issued for construction that the standing committee be in place.

Jeffrey Platt and Michael Crotty thanked the committee for their contributions.

5. Thanks and Adjournment
   Marianne Meischeid made a motion to adjourn the meeting; Juan Borges seconded the motion. The motion passed unanimously. The meeting ended at 9:30 pm.

Town of Surfside

9293 Harding Avenue, Surfside FL 33154

Sand Project Community Monitoring Committee
Regular Meeting

Monday, August 18, 2014 – 7:00 pm
Town Hall – Commission Chambers

MINUTES

Committee Members
Joe Benton
Juan Borges
Lee Gottlieb
Marianne Meischeid
Jeffrey Platt
David Raymond
Scott Stripling

1. Call to Order and Welcome
   The meeting was called to order by Chair, Jeffrey Platt at 7:14 pm.

   The roll was called with the above listed members present, with the exception of Scott Stripling, who is absent. A quorum was established.

   Also in attendance: Dr. Stephen Leatherman, Gordon Thomson, P.E., Surfside residents, Mayor Daniel Dietch, Linda Miller, Town Attorney, Joseph Kroll, Public Works, Michael Crotty, Town Manager.

2. Approval of Minutes: August 5, 2014

David Raymond made a motion to approve the minutes; Marianne Meischeid seconded the motion. The motion passed unanimously. The minutes were approved.

3. Final review of beach/sand options and Committee recommendation regarding beach/sand options to be included in final report
   Facilitator: Gordon Thomson, PE, D.CE. CBI Environmental & Infrastructure, Inc.

   David Raymond inquired as to what happened with plant life if the sand is placed on the dunes.

   Gordon Thomson advised that the plant life will die, but the dunes can be replanted.

   Jeffrey Platt suggested that with the construction companies in the work of re-doing the dunes behind their respective building it would make sense to re-do all the dunes to have a more uniformed look in the town.

   Gordon Thomson suggested looking at the most cost effective item.

   Lee Gottlieb inquired about the option of inversely flipping the sand. Gordon Thomson advised that flipping the beach can become expensive project.

   Joe Benton suggested making the beach wider by adding additional sand.

   Lee Gottlieb advised of another alternative currently taking place in Sunny Isles in which they are digging trenches onto the beach and burying the old sand, and capping it off with the existing sand.

   Marianne Meischeid made a motion to move forward with the option of scraping, removing, and replacing the Surf Club sand with upland sand; David Raymond seconded the motion.

The members voted in the following manner:

Joe Benton – No
David Raymond – No
Lee Gottlieb – No
Marianne Meischeid – Yes
Juan Borges – No
Jeffrey Platt - Yes

The motion fails with a vote of 4-2.

After the failed vote and additional discussion, the Town Manager suggested that the Committee might wish to consider a motion recommending option 2 (scraping & placing in dunes) subject to FDEP signing off of their compliance assistance offer (debris) and a modified testing protocol as recommended by Dr. Teaf.

David Raymond made a motion to move forward with option number two by scraping the Surf Club sand off the beach and placing it in the dunes/street access areas subject to resolving FDEP offer of assistance with regards to debris on the beach and undertaking testing sample protocol as recommended by Dr. Teaf. Lee Gottlieb seconded the motion.

The members voted in the following manner:

Joe Benton – No Vote
David Raymond – Yes
Lee Gottlieb – Yes
Marianne Meischeid – Yes
Juan Borges – No
Jeffrey Platt - Yes

The motion passes with vote of 4-1 with one abstention.

4. Final review of draft proposal of Urging Resolution prepared by Dr. Christopher Teaf and Committee recommendation on chemical testing protocol to be included in the "Urging Resolution" to the State of Florida specifically requiring all sand transfer within the State under minimum testing requirements

   Town Manager recommends that the Board approve the draft Urging Resolution to the State of Florida with regards to minimum testing on sand transfers and to also include language of the synthetic precipitation leaching procedure (SPLP) in the Urging Resolution.

   David Raymond moved to approve the draft of the Urging Resolution along with the inclusion of the synthetic precipitation leaching procedure language in the draft; Marianne Meischeid seconded the motion. The motion passes with a vote of 5-1.

   Joe Benton has abstained from voting due to a nature of conflict.

5. Report on meeting with Chateau representatives regarding their FDEP CCCL Permit (sand transfer)
   The Chateau's permit allows them to place sand on the beach starting at 93rd street south into Miami Beach.

6. Discussion on possible enhanced land development regulations specifically for Surfside regarding future sand transfer operations
   Facilitators: Gordon Thomson and Dr. Stephen Leatherman

   Town Manager advised that this item will be discussed at length at the next meeting.

7. Presentation by Dr. Stephen Leatherman on recently obtained sand core samples from offshore Martin County (possible source of sand for 2016/2017 full beach renourishment)

Dr. Leatherman provided samples from the sand core just offshore of Martin County. It includes the sand identified by the core of county engineers for beach renourishment within the Town of Surfside.

8. Public comment

   The following residents provided their feedback and concerns regarding the sand:

- Norma Parron
- Monica Grandeze
- Deborah Cimadevilla
- Peter Neville
- Tina Paul

9. Adjournment

   Marianne Meischeid made a motion to adjourn the meeting; Juan Borges seconded the motion. The motion passes unanimously. The meeting ended at 9:41 pm.

Town of Surfside

9293 Harding Avenue, Surfside FL 33154

Sand Project Community Monitoring Committee
Regular Meeting

Tuesday, August 5, 2014 – 7:00 pm
Town Hall – Commission Chambers

MINUTES

Committee Members
Joe Benton
Juan Borges
Lee Gottlieb
Marianne Meischeid
Jeffrey Platt
David Raymond
Scott Stripling

1. Call to Order and Welcome
   The meeting was called to order by Chair, Jeffrey Platt at 7:06 pm.

   The roll was called with the above listed members present, with the exception of David Raymond and Juan Borges, who were absent. A quorum was established.

   Scott Stripling entered the meeting at 7:10 pm.

   Also in attendance: Surfside residents, Mayor Daniel Dietch and Vice-Mayor Eli Tourgeman.

2. Approval of Minutes: July 29, 2014
   Marianne Meischeid made a motion to approve the minutes with the amendment to reflect: that beach sand can be placed in the dunes for

replenishment purposes; Lee Gottlieb seconded the motion. The motion passed unanimously with the amendment.

3. Presentation by Gordon Thomson P.E., D.CE, (CB&I) on FDEP permitting procedures and options to implement the Committee's approved motion to remove/relocate transferred sand.

   Gordon Thomson, a professional engineer, provided a presentation regarding viable options regarding the beach sand.

   Mr. Thomson advised that the Surf Club sand was beach compatible, but the only issue was that FDEP found that some of the material was non-compliant due to the grain size.

   Mr. Thomson advised that FDEP advised that the color does fall within the state color matrix. He does expect the sand color to lighten with time.

   Mr. Thomson advised that there are no immediate options that can happen now due to turtle nesting season. At this time, the only thing that can be done is the knocking down of escarpments, if any.

   Mr. Thomson provided the following options for beach remediation:

   Short term option (November 1, 2014 – April 30, 2015):

   - No Action
     Existing sand should get lighter with exposure to the elements.
     Natural mixing of new sand with previously placed sand should lighten the color of the beach.

   - Tilling the beach
     Mechanically mix the new sand and previously placed sand (Town has submitted an application for this type of work). The cost is generally $400-750 per acre.

   - Scraping the sand
     The sand can be scraped off and placed in the dunes or at street access areas.

- Bringing in new sand from an upland source. This option adds more sand to the system, which is beneficial.

- Scrape, remove, and replace. This option is more expensive.

- Scrap the new sand into the ocean using the Miami Dade County's current permit.

Mr. Thomson recommends keeping all the sand within Surfside. If not, he recommends putting it in Bal Harbour as the sand would eventually move south back into Surfside.

Medium Term Options (2015-2016)

- Obtain permit to place future sand below mean high water. The Town can also request to be added as an area included in the County's existing permit.

Long Term Options (2017- beyond)

- Support County's beach nourishment efforts.
- Support continued bypassing efforts at Haulover inlets to include dredging.

Mr. Thomson recommends that the Town continues to:
- Monitor the change in beach color
- Revise permit requests for beach tilling and beach scraping
- Approach the County to request revising their permit to allow placement material seaward of mean high water line in Surfside.

Marianne Meischeid is still concerned about non-compliance of the grain size and the debris.

Lee Gottlieb exited the meeting at 7:56 pm.

Mr. Thomson advised that scraping the sand and putting it in the dunes and beach access permit requires a CCCL permit.
Tilling the beach will require a CCCL permit and is the most cost effective option for November 1, 2014.

Sifting has to be done before tilling can be done.

Town Manager will coordinate a meeting with Mr. Thomson and the Chateau Group regarding placement of their sand under the CCCL permit.

Marianne made a motion to have the sand scraped, removed, and replaced. The motion, not receiving a second, died.

Jeffrey Platt advised that he couldn't second the motion due to the fact that the location of where the replacement sand would come from is not known. Mr. Platt would also like to see the sand remain on the beach preferably in the dunes as a safety mechanism.

Joe Benton exited the meeting at 8:50 pm.

4. Public comment
   The following individuals provided their feedback and concerns regarding the sand:
- George Kousoulas
- Monica Grandeze
- Deborah Cimadevilla
- Vice-Mayor Eli Tourgeman
- Renee Tischler

5. Other items/updates

6. Adjournment
   Due to a lack of a quorum, the meeting ended at 8:52 pm.

Town of Surfside
9293 Harding Ave, Surfside, FL 33154

Sand Project Community Monitoring Committee Meeting
July 29, 2014 - 7:30 pm
Town Hall Commission Chambers

MINUTES

Committee Members
Joe Benton
Juan Borges
Lee Gottlieb
Marianne Meischeid
Jeffrey Platt
David Raymond
Scott Stripling

1. Opening

A. Call to Order by Chair Jeffrey Platt
The meeting was called to order by Jeffrey Platt, Chair at 7:46 pm.

B. Roll Call of Members
All the above listed members are present with the exception of David Raymond. David Raymond is absent with regrets.

2. Approval of Minutes

Marianne Meischeid made a motion to approve the minutes; Scott Stripling seconded the motion. The motion passed unanimously. The minutes were approved.

3. Presentation by Dr. Stephen Leatherman

A. Sieve Testing Results
B. Beach Sand Compatibility
C. Other issues

Value is the whiteness scale - 10 is absolute white and 0 is absolute black
Chroma defines the color purity or the saturation of color.

Six samples were acquired at Surfside beach on Monday, July 21—two each at 96th Street, 92nd Street and 88th Street. The samples were taken within the fill area but avoiding the heavily trafficked backshore area. The fill samples were taken from a depth of 0 to 6 inches, and the beach samples were taken from the same hole at a depth of 24 to 30 inches.

4. Presentation by Stephen Blair, Chief, Restoration & Enhancement Section (DERM) - - Miami Dade County Beach Sands

Stephen Blair advised that anything above the mean high water line is approved by the state, which is what the Surf Club permit approved.

Anything below the line federal, state, and local permits are needed. It proves to be costly and a time consuming process.

(Scott Stripling exited the meeting at 9:01 pm)

Joe Benton inquired if the washing protocol is considered would this be something that would be staffed by the County. It was advised that it wouldn't.

Michael Crotty advised that the Town has moved forward with applying for a permit for beach maintenance.

Marianne Meischeid inquired if the town can take responsibility for beach maintenance as opposed to the county. Town Manager advised that the town doesn't have the personnel, resource, and capability to maintain the beach like the County does.

County permit will allow for maintenance of beach sand to be entered into the dunes for replenishment.

Dr. Leatherman suggested placing the sand in the water to have it washed.

The Town Manager advised that a Coastal Engineer will be available at the next meeting to help identify a solution.

Dr. Leatherman will contact other states to see about their sand testing methods.

5. Presentation by Brian Flynn, Special Projects Administrator (DERM) on 2017 Full Beach Renourishment

Brian Flynn advise d that the cost for beach renourshiment that was done in Surfside in 1999 was $70-100 per cubic yard. There was about 690,000 cubic yard of sand used.

The cost to do the renourshiment now would be $58 million. The funding would be 50% - Federal, 25% state, and 25% from the County.

Brian Flynn is expecting 425,000 cubic yards is needed for the renourishment in 2017.

He also advised that a combination of sand source can be used. A combination of Native Beach sand and upland sand can be used.

Dr. Leatherman suggested back passing (taking sand off of Miami Beach and pumping it north), sand on Haulover inlet, and the sand on Crandon Park.

Stephen Blair advised that all the local and possible options Dr. Leatherman suggested have been reviewed.

Stephen Blair advised that the County will proceed with the maintenance permit.

6. Progress Report on Motion Made by Committee at July 21 Meeting Regarding:

- Testing protocol/sampling
Michael Crotty recommends not moving forward with additional testing. Town staff has moved forward with the process of obtaining beach maintenance permit.

Mr. Gordon Thomson, P.E.; will be at the next scheduled meeting to help with the permit solutions.

Marianne Meischeid made a motion to have the Board to take no further action with regard to additional testing and to have Mr. Gordon Thomson, P.E. available at the next meeting to provide additional solutions; Lee Gottlieb seconded the motion. The motion passed unanimously.

7. Public Comment

The following residents provided public comment: George Kousoulas; Becky Hope; Monica Grandeze; Norma Parron; Deborah Cimadevilla and Arhlene Ayalin.

8. Other Issues

N/A

9. Next Meeting Date

The next scheduled meeting date is August 5, 2014 at 7:00 pm.

10. Adjournment

Marianne Meischeid made a motion to adjourn the meeting; Juan Borges seconded the motion. The motion passed unanimously. The meeting ended at 10:54 pm.

Town of Surfside
Sand Project Community Monitoring Committee Meeting
July 21, 2014
7 p.m.
Town Hall Commission Chambers - 9293 Harding Ave, 2nd Floor
Surfside, FL 33154

MINUTES

Committee Members

Joe Benton
Juan Borges
Lee Gottlieb
Marianne Meischeid
Jeffrey Platt
David Raymond
Scott Stripling

1. **Opening**

   A. **Call to Order by Chair Jeffrey Platt**
   The meeting was called to order by Chair, Jeffrey Platt at 7:06pm.

   B. **Roll Call of Members**
   All the above listed members are present with the exception of Scott Stripling.

   Scott Stripling is absent with regrets.

   Also in attendance: Michael Crotty, Town Manager, Joseph Kroll, Public Works Director, Ross Prieto, Building Official, Mayor Daniel Dietch, Vice Mayor Eli Tourgeman, Commissioner Michael Karukin, Michelle Kligman, Joseph Graubart, Dr. Stephen Leatherman, Dr. Chris Teaf, Alex Front, Surfside Residents

2. **Approval of Minutes**
   Marianne Meischeid made a motion to approve the minutes with her additional email attachments, dated July 21, 2014.

   The Town Manager commented on the attachment and indicated that the word "positive" should be replaced with the word "detected" on the following two bullet points:

- The results from "A" samples (Hard Pack) showed: Positive "TCLP" LEAD LEACHABILITY in all three "A" Samples. (96th St, 90th St, 87 Terr).

- The results from "B" samples (Mid-Beach Renourished Sand) showed: Positive "TCLP" LEAD LEACHABILITY at the 96th St. Negative at 90th St & 87 Terr.

Ms. Meischeid had no objection for the substitution of "detected". The Town Manager further stated that he recording of the July 1 meeting indicates that Mr. Front did state that the detected lead levels were insignificant.

David Raymond seconded the motion. The motion passed unanimously. The minutes were approved.

3. **Update: Sunshine Law and Public Records**
Michael Crotty reminded the Board about the Sunshine Law. All Board members cannot click "Reply-All" on an email. It is recommended that the Board members communicate with Town Staff and the Consultants directly if they have any questions or need clarification on an item.

4. **Test Protocol – Dr. Christopher Teaf**

Town Manager advised that all testing from Miami Dade Health Department, DERM, etc., show that the arsenic level are within the normal natural occurring levels on the beach.

The residents feel that the only acceptable levels of arsenic are the residential default rate.

Additional testing will only produce the same test results.

Chair Jeffrey Platt suggested hearing from Dr. Leatherman's take on the situation first.

Dr. Teaf suggested taking 60 samples at 38 locations. (10 off site, 16 in the dunes, and 34 beach samples). As outlined in his report entitled "Sand Sampling & Chemical Analysis Plan".

Dr. Teaf advised that the cost for the testing will range from $60,000-$75,000.

Monica Grandeze suggested that the samples be split for testing by the Town and the residents.

Tina Paul inquired if the Town can host a special election to vote on the issue of the sand, especially if tax payer's money is being used.

The turnaround time for test results can be weeks.

Jeffrey Platt inquired who will be providing the money to pay for additional testing.

The board would like to know the total cost for testing prior to it being done.

Juan Borges made a motion to direct staff comeback with three proposals for engineering that are qualified to collect samples, while implementing Dr. Teaf's testing protocol and to explore fund sourcing for the testing; David Raymond seconded the motion. The motion passed unanimously.

5. **Presentation by Dr. Stephen Leatherman**
6.

A. Sieve Testing Results

Dr. Leatherman did not have a chance to complete the testing as he was out of the country. He will have the results available at the next meeting.

B. Sand Beach Compatibility

C. Other issues

Dr. Leatherman advised of beach scraping programs. The top of foot of the sand is scraped to build a dune to act as a store house of sand, energy dissipater, and a surge barrier.

Juan Borges wanted to know where the Surf Club is with complying with FDEP. Joe Benton advised that the Surf Club has replied to the State.
FDEP tested the Surf Club sand in November 2013 and April 2014 for beach compatibility. Both results show compatibility.

Juan Borges inquired if everything checks out okay and the option is to move the sand into the dunes who will be responsible for moving the sand.

Lee Gottlieb advised that a determination of what kind of sand is on the beach is needed.

The following residents provided their feedback and concerns regarding the sand:

- Barbara Woolverton
- Norma Parron
- Conchita De Antunanor
- George Kousoulas
- Renee Tischler
- Deborah Cimadevilla
- William Kelly Urban II
- Sindy Posso
- Michelle Kligman
- Rob Ludicke
- Jose Castro
- Larisa Alonso
- Marcos Arancibia
- Flavio Sa Carvalho
- Tina Paul
- Monica Grandeze

- Peter Filiberto

The overall consensus of the residents is having the sand removed.

David Raymond wants the Town to do a public records request to DERM for Surf Club's environmental phase 2 permits.

Marianne Meischeid inquired if the implementation plans are set for each outcome. The Town Manager advised that the plans are set for each outcome.

Dr. Leatherman suggested offering the sand to Miami Beach as fill for work being done on Alton Road to help with the flooding.

Jeffrey Platt suggested looking at other alternative locations for sand placement.

Lee Gottlieb inquired as to who has jurisdiction on the beach and it was advised that FDEP covers the beach. Michael Crotty advised that the Town can make recommendations to FDEP regarding the Town's action plans.

Juan Borges wants the Town to find out how much fill does Miami beach need prior to proceeding.

David Raymond made a motion to remove sand and offer it as fill to Miami Beach for Alton Road project or other use the state may so approve; Marianne seconded the motion. The members voted in the following manner:

Joe Bention – NO
David Raymond – YES
Lee Gottlieb – NO
Marianne Meischeid - YES
Juan Borges – NO
Jeffrey Platt – YES

Being a tied vote the motion dies. The members who voted "no" voted on lack of information provided to move forward.

David Raymond made a motion to proceed with the testing and that cost sharing be explored with the developers. The motion died for a lack of a second.

It was suggested that the Board listens to Dr. Teaf's recommendations regarding the testing protocol.

Town Manager suggested that based on the discussion regarding the Committee's motions, a course of action to consider would be to requests that staff identify the necessary action steps to move forward the option of the removal/relocation of the sand.

David Raymond made a motion to authorize staff pursue the option of total removal and come back with parameters such as cost & permitting to be done before the next Commission meeting, but an update provide at the next sand meeting; Juan Borges seconded the motion. The motion passed unanimously.

Barbara Woolverton is distraught that there is no representative from FDEP at any of the meetings.

Lee Gottlieb suggested that FDEP be present at the next meeting.

7. **Public comment**
8. **Other issues**
9. **Next meeting Date**
   The next meeting date is July 29, 2014

10. **Adjournment**
    David Raymond made a motion to adjourn the meeting Marianne Meischeid seconded the motion. The motion passed unanimously. The meeting ended at 10:59pm.

Town of Surfside

9293 Harding Avenue, Surfside FL 33154

Sand Project Community Monitoring Committee
Regular Meeting

Tuesday, July 1, 2014 – 7:00 pm
Town Hall – Commission Chambers

MINUTES

Committee Members
Joe Benton
Juan Borges
Lee Gottlieb
Marianne Meischeid
Jeffrey Platt
David Raymond
Scott Stripling

1. Call to Order and Welcome
   The meeting called to order by the Town Manager at 7:03pm.

   Also in attendance: Linda Miller, Town Attorney, Dr. Steven Leatherman, Florida International University, Dr. Chris Teaf, HSWMR, Inc. Alex Front, ARS Environmental.

2. Approval of Minutes: June 25, 2014 Organizational Meeting
   Marianne Meischeid made a motion to approve the minutes; Lee Gottlieb seconded the motion. The motion passed unanimously. The minutes were approved.

3. Presentation on Sunshine Law and Public Records
   Linda Miller presented information to the Committee regarding the Sunshine Law.

4. Introduction of Dr. Stephen Leatherman and discussion with Committee on possible assistance or services to be provided

   Dr. Stephen P. Leatherman is Professor and Director of the Laboratory for Coastal Research at Florida International University.

   Dr. Leatherman, in his career, has done extensive studies on beach sand quality.

   Dr. Leatherman will be using a sieve and will conduct sieve analysis among other methods to determine the quality of the sand.

   There are 50 criteria's used to rate the beaches.

   Dr. Leatherman advised of several options the Town could have pursued such as :
   - Placing the sand in the emerging dunes. The plants would have grown through the sand.
   - A sand dune could have been created serving as a surge barrier or energy dissipater.

   Native sand can be found under the original dune.

   Monica Grandeze was disappointed about the selection procedure of the committee and suggested that there may have been some favoritism in the process and there was no transparency. She never received a call or an email.

   Larissa Alonzo inquired about the standard definition of sand.

   Dr. Leatherman advised that sand is not defined by color, but actually by size.

   Sand naturally has arsenic due to sea shells and clams.

   Deborah Cimadevilla would like to see testing done that would compare the previous sand and current sand.

Ms. Cimadevilla's main concern is not necessarily the color. She could eventually live with the color but the toxicity is the major issue.

The Board would like to see Dr. Leatherman report back with the following:

- Sieve testing
- Color test
- Determine compatibility per state definition
- To determine range of what's in the area (off shores sources)
- To determine range of compatibility and how it relates to what the Town prefers
- To determine list of places that have the best legislative practices locally and state wide for the movement of sand

5. Sand Testing Results
   - Presentation by Dr. Christopher Teaf, HSWMR (Town toxicologist) on initial chemical testing of sand and arsenic conclusions.

     Dr. Teaf is board-certified by the Academy of Toxicological Sciences and is Director of Toxicology and President for Hazardous Substance & Waste Management Research, Inc. (HSWMR).

     Dr. Teaf was hired by the Town to test the levels of arsenic in the sand sample.

     Dr. Teaf spoke on the many testing protocols that can be done.

     David Raymond suggested having analysis of the sand underneath where it has been placed to help determine if the arsenic level is the same as below.

     Mr. Raymond inquired as to how many samples are needed in order to have conclusive results.

     Mr. Raymond also inquired as to what other things should be tested that may be a concern other than arsenic.

Mr. Raymond would like to see a list of things that should be tested as well as the protocol.

- Presentation by Alex Front of ARS Environmental regarding testing results presented at the June 10 Town Commission meeting relating to lead

  Mr. Front summarized his background as a self-taught environmental consultant with ARS Environmental, Inc.; education GED. Mr. Front was hired by private citizens to conduct May collection/analysis. Mr. Front took "representative" subsamples on/near the "hard pack" trails. Even though the Iron (Pb) "presence was very low", he felt samples needed to be tested for leachability (TCLP). No "total metals data" in sand were collected from which the objective decision was made to go to TCLP. He concluded that "There was no lead present in the sand" in mg/kg ("total Pb analysis").

  In 2014, Mr. Front sampled 3 areas: hard pack west, hard pack middle, low tideline. Only sand sample was from tideline. No sand sample had any leachable lead. Locations were sampled late at night (9 PM to midnight). He took samples from 8-12 inch depth and composited them from 2-3 feet horizontally near the hardpack to make one hardpack sample.

  Dr. Leatherman noted that leached materials would concentrate near the water table. Mr. Front agreed with conclusion that Pb may be present in leaching tests from some hardpack samples present, but the levels are so low as to be completely insignificant, and that it should be at the tideline if it was significant. Pb wasn't found at tideline. "A" samples are "hardpack west", closest to Collins Ave; "B" samples were middle hardpack "trail" in dunes; and "C" samples were at low tideline.

  The Pb detections were "very low, minute, insignificant almost", later described as "minimal, nominal, nothing". Mr. Front raised an issue during Ms. Cimadevilla's comments, describing what he called "3R's of toxicology", defined as "reduce, refine, replace", associating that with environmental issues.

  Mr. Front expressed an interest in getting on Surf Club site to sample soil. A number of Committee members questioned that logic.

- Direction from Committee on process/action to resolve sand testing/chemical issue
  The Board wants Dr. Teaf to determine and create testing protocol for sand and Dr. Leatherman to proceed with the recommended testing.

6. Confirm future meeting date(s)/time(s) and identify specific agenda items
   The next meeting date is July 21, 2014.
7. Election of Committee Chair and Vice Chair
   [Note: Due to a new member attending, this item is placed toward the end of the agenda]

   Marianne Meischeid nominates Jeffrey Platt as Chair for the Committee.
   Scott Strippling nominates David Raymond as Chair for the Committee.

   David Raymond respectfully declines the nomination due to personal conflicts.

   Jeffrey Platt has been elected as the Chair.

   Lee Gottlieb nominates himself as Vice-Chair for the Committee.

8. Public comment
9. Other items/updates
10. Adjournment
    Jeffrey Platt made a motion to adjourn; Juan Borges seconded the motion. The motion passed unanimously. The meeting ended at 10:20pm.

Town of Surfside

9293 Harding Avenue, Surfside FL 33154

Sand Project Community Monitoring Committee
Organizational Meeting

Wednesday, June 25, 2014 – 7:00 pm
Town Hall – Commission Chambers

MINUTES

Committee Members
Joe Benton
Juan Borges
Deborah Cimadevilla
Lee Gottlieb
David Raymond
Scott Stripling
Barbara Woolverton

1. Call to Order and Welcome
   The meeting was called to order by Town Manager, Michael Crotty at 7:02pm.

   Also in attendance: Mayor Daniel Dietch, Commissioner Michael Karukin, Courtney Cunningham, President of Cunningham Group, Joseph Kroll, Public Works Director, Ross Prieto, Building Official, Duncan Tavares, TEDACS Director, Frantza Duval, Recording Clerk

2. Introduction of Committee Members
   Juan Borges, resident, is interested in the helping the Surfside community in any way possible.

   Scott Stripling, Chair of Surfider Foundation, is interested in the protection of the ocean, environmental nourishment, and health issues of the public.

Barbara Woolverton, resident, is interested in resolving the sand issue. Barbara will no longer be able to serve on the Board, but has asked that Marianne Meischeid replace her on the Committee.

Jeffrey Platt, resident, was asked to fill in for Deborah Cimadevilla, who will no longer be able to serve on the Committee. Mr. Platt is interested in the beach sand initiative.

Lee Gottlieb, Youth Environmental Alliance Director of Community Outreach, is interested in assisting to vet the health and safety concerns and to help protect the natural resources.

David Raymond, resident, is interested in helping the environment and specifically what happens on the beach.

Joe Benton, Surf Club, is looking to be a part of the solution to help move this forward.

3. Committee Charter
   - Review of Charter Tasks
     Action plan includes community outreach.

     Michael Crotty advised that the purpose of the committee was to address the issues and concerns since the sand transfer was undertaken and completed.

     The first task is to address any and all chemical issues.

     The Town Manager has provided all testing reports and communications related to the sand transfer to the committee.

     The Town Manager suggested that the committee consider what can be done to bring sand transfer to a close with regards to toxicology at the next meeting.

     The committee will eventually create a final report with their recommendations to the town commission identifying one of four options which include (no action, mix & blend, overlay, or remove the sand).

Dune restorations and escarpments have been major issues and this is something that the committee will also look into.

The committee will also look into if beach maintenance permits are beneficial to the Town.

The committee will also look into Legislative action requiring the state to adopt legislation to have people test sand for chemicals prior to transfers.

The goal is to have this completed within 60 days.

Scott Stripling inquired if there has been any additional health issues and it was advised that no additional issues have been reported.

Michael Crotty advised that reports have also been submitted to Miami- Dade Health Department for review.

Deborah Cimadevilla advised that Cholordane, a pesticide used in buildings in the past was never tested. Michael Crotty said this can be tested.

Juan Borges wants to the environmental audit done by the Surf Club to be made available to the committee. Joe Benton will make the request and have it available at the next meeting.

Michael Crotty advised that Dr. Leatherman will be available to the committee regarding beach issues and will be available at the next meeting being held on July 1, 2014.

Lee Gottlieb inquired as to how the Town derive at the list of chemicals to be tested. Ross Prieto advised that Teracon recommended it for testing. It the standard testing of chemicals for soil.

Barbara Woolverton advised that proper testing is needed. Joe Benton advised that recommendations can be made to Tallahassee requiring

them incorporate testing in the future whether there is suspicion or not of toxicology contaminations.

Joseph Kroll advised that work on the beach as far as the escarpment is concerned is complete.

Michael Crotty recommended walking the beach at 6pm prior to one of the meetings to discuss any issues on the beach.

Deborah Cimadevilla advised that there was a truck dredging sand out of the water and placing it out on the beach which was reported to Florida Department of Environmental Protection (FDEP). She has videos of this happening. Joe Benton advised Deborah Cimadevilla to submit footage and photos for the records to be reviewed.

Courtney Cunningham, President of the Cunningham Group, helped identify issues within the action plan. The main component of the action plan to engaging the community and keeping them informed and keeping them a part of the process.

Mr. Cunningham job's is make sure the public receives the information in a timely and transparent manner. He wants to make sure that the residents receives facts that are supported by research.

Mr. Cunningham advised that a text message gateway will be available for residents to sign up for in order to receive the latest information.

David Raymond advised that the main issues that residents had was not properly being informed and getting pieces of information. He advised that status updates are regularly needed.

The committee is subject to the Sunshine Law for transparency.

Mr. Cunningham advised that social media pages were created, pending Town approval, that are ready to be launched.

- Establish schedule/priority of addressing assigned tasks

4. Establishment of meeting dates and times
   Michael Crotty advised that on July 1, 2014 Dr. Teaf and Dr. Leatherman will be available to attend the meeting.

   Michael Crotty suggested weekly meetings for the beginning phase of the committee.

   The next meetings will be July 1, 10, 17, 2014.

5. Public comment
   N/A

6. Election of Committee Chair and Vice Chair
   It was agreed that since two new members are absent it would be discussed at the next meeting.

   A calendar will be provided showing the available dates for the next meetings.

   David Raymond inquired if someone from FDEP will be available to join the committee at a meeting.

   Jeffrey Platt recommends having Christian Lambright, a representative of FDEP, in on the meetings.

7. Other items
   N/A

8. Adjournment
   The meeting was adjourned by the Town Manager, Michael Crotty at 8:03pm.