

August 17, 2010
1:30 p.m.



www.hillsboroughriver.org



Tampa Union Station, 2nd Floor
601 N. Nebraska Avenue
Tampa, FL 33602
272-5940

Hillsborough River Technical Advisory Council
AGENDA

- I. Call To Order
- II. Roll Call
- III. Pledge of Allegiance
- IV. Moment of Contemplation
- ★ V. Approval of Previous Meeting Summary – 6/15/10*
- VI. Shoreline/Habitat Restoration Discussion
- VII. Consistency Recommendation:
 - a. Tampa Port Authority Minor Permit No. 51208, Doug Rodriguez* (p. 6)
- VIII. Status of Hillsborough River Flows and Levels* (p. 20)
- IX. Agency/Jurisdictional Status Reports
- X. Other Business* (p. 25)

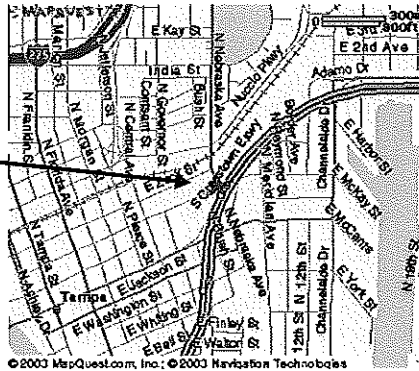
★ Indicates Action Required

* Indicates backup material provided

Presentations limited to 10 minutes. Public comment limited to three minutes please.

**General Location Map to
TAC Meeting**

**Tampa Union Station
601 N. Nebraska Ave.
2nd Floor Conference Room
Elevator Access Available**

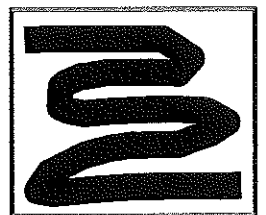


Parking

All meeting participants are requested to park in the south parking lots designated with the signs AMTRAK Passengers only. AMTRAK passengers are to be afforded the courtesy of parking in the front of or immediately adjacent to the building. Parking in spaces not marked as AMTRAK Passengers only are reserved for those who pay for monthly parking, and may result in your vehicle being ticketed.

AGENDA ITEM V.

Approval of Previous Meeting
Summary – 6/15/10





June 15, 2010
1:30 a.m.



www.hillsboroughriver.org



Tampa Union Station, 2nd Floor
601 N. Nebraska Avenue
Tampa, FL 33602
272-5940

Hillsborough River Technical Advisory Council
Meeting Summary

Present

Robert Carnahan*	Thalia Potter*
Peter Owens*	Derek Doughty*
Sylvia Espinola*	Darlene Dannels**
Richard Booth*	Gerard Watson•
Ben Koplín•	Joe Gross•
Tom Willett	Cori Cuttler*
Shawn College	Kathleen Venzon
Roy Mazur	

Absent

Charles Kovach*
John Nicollete*
Suzanne Cooper*

* Denotes TAC Members ** Denotes Alternates
• Denotes Staff Ex Officio Members

I. Call To Order

Chair Carnahan called the meeting to order at 1:32.

II. Roll Call

Members were sufficient to establish a quorum.

III. Pledge of Allegiance

Chair Carnahan led the Council in the Pledge of Allegiance.

IV. Moment of Contemplation

Chair Carnahan led the Council in observing a moment of silent contemplation.

V. Approval of Previous Meeting Summary – 4/20/10

The Meeting Summary was approved.

VI. Recognition

Chair Carnahan recognized Thalia Potter for her 16 years of service to the TAC.

VII. SWFWMD's Regional Water Supply Plan Update

Mr. Mazur gave a presentation on SWFWMD's update of their Regional Water Supply Plan (RWSP). Mr. Mazur said it was not a regulatory document. Mr. Mazur said it was a catalogue of demands and includes potential funding mechanisms. Mr. Mazur said for the first time the plan was divided into 4 planning regions. Mr. Mazur said that without action the Tampa Bay region would not have enough water from current sources through 2030. New sources would have to be brought online. Mr. Mazur said local governments are required to adopt 10-year water supply facility plans within 18 months after the adoption of the RWSP. Mrs. Potter asked if he was speaking of potable water. Mr. Mazur said yes. Mr. Mazur said that the SWFWMD is taking public comment until July 16th. Mr. Owens asked if the recovery designation is for minimum flow. Mr. Mazur said it is for the southern water use caution area, the northern water use caution area and the lower Tampa Bay recovery strategy. Mr. Owens asked if there was an Alafia designation. Mr. Mazure said that the reference to that effect on p. 13 would be changed in the final draft because it could not be put in rule. Mr. Doughty asked if the district was looking at alternative sources such as stormwater harvesting. Mr. Mazur said yes, in particular, the

Plant City area is looking at this in regard to agriculture. Mrs. Potter asked if the increase in demand would be satisfied with groundwater or other surface water. Mr. Mazur said that Tampa Bay Water has plans for more water from the Alafia River and Bullfrog Creek. Mrs. Espinola asked the relationship between this plan and Tampa Bay Water. Mr. Mazur said this plan is from SWFWMD which is the regulatory body, while Tampa Bay Water is a utility. Mrs. Potter asked about the expected reclaimed water offset. Mr. Mazur said use of reclaimed water in agriculture or residential environment is not a 1:1 offset. Industry has the best efficiency in using reclaimed, it approaches 1:1. Mrs. Potter said the report is very good and easy for a layperson to understand.

VIII. Amendments to Temple Terrace's Dock Regulations

Mr. Gross said that the Temple Terrace Board of Adjustment was hearing a number of cases for a larger boat lift roof than allowed under the code. Therefore the regulations were proposed to be revised from 150 square feet to 365 square feet. Mrs. Espinola suggested the word "marine" be changed to "aquatic." Mrs. Potter asked if the maximum extent into the water was being changed. Mr. Gross said "no" the code was primary being reorganized. Mr. Doughty explained that he made a few comments on the code at the previous days Planning Commission meeting, including that there was a need to clarify whether roofs were included in overall square footage, whether the access walkway was included in maximum square footage and whether 2nd story sundeck was allowed. Mr. Doughty also mentioned that someone else had raised concern over the ½ inch spacing requirement for decking. Mr. Koplin suggested the City may want to add who the responsible party was for removing turbidity screens. Mrs. Espinola suggested a time frame be added for removing turbidity screens. Upon suggestion by Mrs. Espinola the TAC asked Mr. College to send Alison Fernandez their comments for her consideration at the Temple Terrace City Council meeting.

IX. Status of Hillsborough River Flows and Levels

It was noted that a large amount of water had flowed over the dam last month.

X. Agency/Jurisdiction Status Reports

Ms. Cuttler said the Hillsborough River Basin Board had lowered their millage rate. Ms. Cuttler said the desalination plant was prepared to deal with the oil spill. Ms. Cuttler said SWFWMD was revising their well mitigation program, was cutting back on permitting frost/freeze water quantities, and would be capping this water source. Mr. Mazur said SWFWMD would be establishing a Water Use Caution Area for this region. Ms. Cuttler said SWFWMD may let water restrictions expire at their meeting of July 1st. Mr. Owens said the proposed fertilizer rule would be considered by the EPCHC on July 15th. Mr. College explained that Hillsborough County BOCC would be considering funding a study of ecological buffers at their meeting of July 14th. Mrs. Espinola whether a law existed that allowed Florida Friendly Landscaping despite a homeowner's association rules. Ms. Cuttler said yes, it stipulates Florida Friendly Landscaping which is "right plant, right place."

XI. Other Business

Chair Carnahan cancelled the July regular meeting of the TAC.

Meeting was adjourned.

AGENDA ITEM VII.

Consistency Recommendation:
Tampa Port Authority Minor Permit
No. 51208, Doug Rodriguez



COMMISSION
KEVIN BECKNER
ROSE V. FERLITA
KEN HAGAN
AL HIGGINBOTHAM
JIM NORMAN
MARK SHARPE
KEVIN WHITE



Executive Director
RICHARD D. GARRITY, PhD

ROGER P. STEWART CENTER
3629 Queen Palm Dr. • Tampa, FL 33619
Ph: (813) 627-2600

FAX NUMBERS (813):
ADMIN 627-2620 WASTE 627-2640
LEGAL 627-2602 WETLANDS 627-2630
WATER 627-2670 ERM 627-2650
AIR 627-2660 LAB 272-5157

June 11, 2010

Doug Rodriguez
1115 West Virginia Avenue
Tampa, FL 33603

REFERENCE: ENVIRONMENTAL PROTECTION COMMISSION MINOR WORK PERMIT NO. -
51208 FOR DOUG RODRIGUEZ

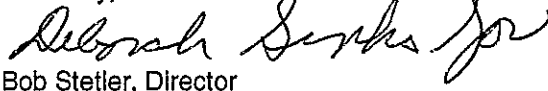
Dear Mr. Rodriguez:

This minor work permit is issued pursuant to the Amended and Restated Interlocal Agreement between the Tampa Port Authority (TPA) and the Environmental Protection Commission of Hillsborough County (EPC) dated June 23, 2009. Please review this document and attachments carefully, paying particular attention to the stipulations and approved drawings. Be advised that the proposed activity may require a building permit from the City of Tampa. Please call (813) 274-3100 for further information on the permitting process. If the plans approved by this permit change as a result of the City of Tampa review, a revision to this permit will be required. This permit shall expire on the date indicated on the attached Permit card and shall be valid until it expires or such time as it is amended, replaced, or revoked in writing.

This permit authorizes the above named applicant, hereinafter referred to as the Permittee, to perform the described work on wetlands and other surface waters, on or adjacent to submerged lands under the regulatory jurisdiction of the TPA. This minor work permit addresses activities regulated under the TPA Submerged Lands Management Rules and EPC Wetland Rule Chapter 1-11, Rules of the EPC. This work shall be accomplished in accordance with the general and specific stipulations hereinafter defined.

Acceptance of this permit constitutes acceptance of all the attached stipulations and drawings. Compliance with all stipulations is necessary for the permit to be considered valid. Should you have objections to any of these stipulations, please see the attached Notice of Rights providing administrative appeal rights.

Sincerely,


Bob Stetler, Director
Wetlands Management Division
Environmental Protection Commission
of Hillsborough County

Enclosures

cc: Nick D'Andrea - City of Tampa, Department of Construction Services
Shawn College - Hillsborough River Technical Advisory Council

2010 JUN 14 AM 9:14

COMMISSION
KEVIN BECKNER
ROSE V. FERLITA
KEN HAGAN
AL HIGGINBOTHAM
JIM NORMAN
MARK SHARPE
KEVIN WHITE



Executive Director
RICHARD D. GARRITY, PhD

ROGER P. STEWART CENTER
3629 Queen Palm Dr. • Tampa, FL 33619
Ph: (813) 627-2600

FAX NUMBERS (813):
ADMIN 627-2620 WASTE 627-2640
LEGAL 627-2602 WETLANDS 627-2630
WATER 627-2670 ERM 627-2650
AIR 627-2660 LAB 272-5157

PERMIT

PERMIT NUMBER: 51208

PERMITTEE: DOUG RODRIGUEZ
1115 WEST VIRGINIA AVENUE
TAMPA, FL 33603

AGENT: Tampa Bay Marine, Inc.
C/O John Calves
P. O. Box 250
Gibsonton, Fl 33534

PROJECT DESCRIPTION: REFURBISH AN EXISTING DILAPIDATED BOAT
RAMP AND CONSTRUCT APPROXIMATELY 22
LINEAR FEET OF ASSOCIATED REPLACEMENT
SEAWALL PURSUANT TO PERMIT EXHIBITS AND
STIPULATIONS

PROJECT LOCATION: 1115 WEST VIRGINIA AVENUE / HILLSBOROUGH
RIVER, CITY OF TAMPA

DATE OF ISSUE: JUNE 11, 2010
EXPIRATION DATE: JUNE 30, 2011

AUTHORIZED SIGNATURE: Deborah Sinks for
Bob Stetter

THIS NOTICE MUST BE CONSPICUOUSLY
DISPLAYED AT THE SITE OF WORK

**ENVIRONMENTAL PROTECTION COMMISSION
MINOR WORK PERMIT GENERAL STIPULATIONS**

1. All work shall be accomplished so as to minimize the dispersion of silt and debris and the destruction of marine resources in public waters. All efforts must be undertaken to prevent any erosion or turbid water from being discharged off-site, into the wetlands and/or waters of the County. Turbid discharges that exceed 29 Nephelometric Turbidity Units above background levels are a violation pursuant to Chapter 1-5 Water Quality Rule. In Outstanding Florida Waters, discharges cannot exceed ambient levels. EPC approved methods of erosion and/or turbidity control are required. It is the owner / developer's responsibility to install and maintain EPC approved erosion and / or turbidity control barriers prior to the commencement of any site work. Once the site returns to pre-construction conditions, all erosion and turbidity control devices shall be removed.
2. If the approved permit drawings and the attached Specific Stipulations contradict each other, then the Specific Stipulations shall prevail.
3. The proposed work shall be done in accordance with the approved drawings attached hereto as Exhibits.
4. The Permittee shall notify the Environmental Protection Commission (EPC) when work under this permit is initiated and shall further notify the EPC when work under this permit has been completed.
5. The enclosed Permit Card must be conspicuously displayed at the project site once work on this project has been initiated and shall remain so displayed until the project has been completed. Within fifteen (15) days of completion of this project, the Permit Card must be returned to the EPC.
6. The EPC shall inspect the site to insure compliance with these stipulations.
7. The proposed work shall be done so as to prevent interference with the riparian or property rights of the adjacent property owners. This permit authorizes no invasion of private property or rights in property.
8. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in this permit and Chapter 1-11 or other applicable rules.
9. This approval applies only to the development proposal as submitted, and in no way does it provide EPC approval to any other aspect of the review process. This permit does not relieve the Permittee from the requirement of obtaining permits from the U.S. Army Corps of Engineers, the State of Florida, the Southwest Florida Water Management District, Hillsborough County, individual municipalities within Hillsborough County, and/or other applicable agencies, as required.
10. The Permittee, in accepting this permit, agree to comply with the provisions, conditions and stipulations herein and assumes all responsibilities and liability and agrees to hold the EPC and the Tampa Port Authority harmless from any and all claims of damage arising out of operations conducted pursuant to this permit.
11. The Permittee shall operate and maintain the authorized structure in such a manner so as to prevent the creation of any navigation hazards, unauthorized source of air or water pollution, hazard to public health and safety, or so as to unduly interfere with the public's use of the waterway.
12. Should the Permittee fail to comply with the stipulations of this permit or a situation arise wherein it would be contrary to the public interest, the EPC reserves the right to revoke this permit upon written notice to the Permittee.
13. This permit does not relieve the Permittee from the requirements of any applicable deed restrictions.

Appellant will be aggrieved or how his or her interests will be adversely affected by the Executive Director's decision;

- (2) A statement of when and how the Appellant received notice of the agency decision;
- (3) A statement of all disputed issues of material fact. If there are none, the Notice of Appeal must so indicate;
- (4) The specific facts the Appellant contends warrant reversal or modification of the Executive Director's proposed action;
- (5) A statement of the specific laws or rules the Appellant contends require reversal or modification of the Executive Director's proposed action; and
- (6) A statement of the relief sought by the Appellant, stating precisely the action Appellant wishes the Commission to take with respect to the Executive Director's proposed action or decision.

A copy of the Notice of Appeal for a Section 9 Administrative Hearing must also be sent to the EPC's Legal Department, Environmental Protection Commission of Hillsborough County, 3629 Queen Palm Dr., Tampa, Florida 33619, facsimile (813) 627-2602, phone (813) 627-2600. Pursuant to Section 1-2.31, Rules of the EPC, you may request additional time to file a Notice of Appeal by filing a **Request for Extension of Time to file a Notice of Appeal**. The Request for Extension of Time must be sent to and received by the EPC Legal Department at the address above within twenty (20) days of receipt of this notice.

Upon receipt of a sufficient Notice of Appeal for a Section 9 Administrative Hearing an independent hearing officer will be assigned. The hearing officer will schedule the appeal hearing at the earliest reasonable date. Following an evidentiary hearing, the hearing officer will render his/her decision as a recommendation before the EPC board. Pursuant to Section 1-2.35, Rules of the EPC, the EPC board will take final agency action on the findings of fact and conclusions of law of the hearing officer. A written decision will be provided by the EPC board, which affirms, reverses or modifies the hearing officer's decision. Should this final administrative decision still not be in your favor, you may seek review in accordance with Section 9 of the Hillsborough County Environmental Protection Act, Chapter 84-446, as amended, Laws of Florida, and the Administrative Procedure Act, Chapter 120, part II, Florida Statutes, 1961 by filing an appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the clerk of the Environmental Protection Commission, EPC Legal Department, 3629 Queen Palm Dr., Tampa, FL 33619, and filing a notice of appeal accompanied by the applicable filing fee with the Second District Court of Appeal within 30 days from the date of the final administrative decision becoming an order of the Commission.

Copies of EPC rules referenced in this Order may be examined at any EPC office, may be found on the internet site for the agency at <http://www.epchc.org> or may be obtained by written request to the EPC Legal Department at 3629 Queen Palm Dr., Tampa, FL 33619.

14. Construction materials, debris, or other trash will not be allowed to escape into the water, at anytime during or after construction. Such materials are to be disposed of in an approved manner, i.e., upland disposal facility, appropriate trash receptacles, etc.
15. It shall be the responsibility of the permittee to submit a renewal application request 30 days prior to the expiration date.
16. Any activity interfering with the integrity of a wetland, such as clearing, excavating, draining or filling, without the written authorization from the Executive Director of the EPC or his authorized agent, pursuant to Section 1-11.07, Rules of the Commission, would be a violation of Section 17 of the Environmental Protection Act of Hillsborough County, Chapter 84-446, and Chapter 1-11, Rules of the EPC.

This Order is final unless the party timely files, pursuant to Chapter 1-2, Part IV, Rules of the EPC, a Notice of Appeal or files a Request for Extension of Time to file a Notice of Appeal for a formal hearing. Pursuant to Section 1-2.31(e), Rules of the EPC, failure to request an administrative hearing by filing a Notice of Appeal within 20 days after receipt of this Order shall constitute a waiver of one's right to have an appeal heard, and this unappealed Order shall automatically become a final and enforceable Order of the Commission.

It is recommended that the Applicant publish at its own expense the following notice of this agency action in a newspaper of daily circulation in Hillsborough County, Florida so as to provide constructive notice to potentially aggrieved parties:

ENVIRONMENTAL PROTECTION COMMISSION OF HILLSBOROUGH COUNTY
NOTICE OF MINOR WORKS PERMITS

The Environmental Protection Commission of Hillsborough County gives notice of agency action of issuance of a Minor Work permit to Doug Rodriguez pursuant to Chapter 84-446, Laws of Florida, as amended and delegation agreement with the Tampa Port Authority dated June 23, 2009. The Minor Work permit addresses approval for impacts to wetlands or other surface water for the repair to an existing dilapidated boat ramp and approximately 22 linear feet of existing seawall on the Hillsborough River at 1115 West Virginia Avenue, Tampa. The permit is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Environmental Protection Commission, 3629 Queen Palm Dr., Tampa, Florida 33619. Pursuant to Section 9, Chapter 84-446, Laws of Florida, and Rule 1-2.30, Rules of the EPC, any person whose interests protected by Chapter 84-446, Laws of Florida, are adversely affected by this action or are otherwise aggrieved by this action, has the right to appeal this agreement in accordance with Part IV of Rule 1-2, Rules of the EPC. Written notice of appeal must be received by the Chairperson of the EPC, at 601 East Kennedy Blvd., Tampa, Florida 33602, within 20 days of the date of this publication.

NOTICE OF RIGHTS

Pursuant to Section 9 of the Hillsborough County Environmental Protection Act, Chapter 84-446, as amended, Laws of Florida, (EPC Act), Rule 1-2.30, Rules of the Environmental Protection Commission of Hillsborough County (EPC), and the Amended and Restated Interlocal Agreement with the Tampa Port Authority dated June 23, 2009, any person whose interests are protected by Chapter 84-446, Laws of Florida and who is adversely affected or otherwise aggrieved by this action has the right to appeal this Executive Director's authorization. **Written Notice of Appeal for a Section 9 Administrative Hearing must be received by the Chairperson of the EPC, at 601 East Kennedy Blvd., Tampa, Florida 33602, within twenty (20) days of receipt of this notice** and pursuant to Section 1-2.30(c), Rules of the EPC, must include the following information:

- (1) The name, address, and telephone number of the Appellant; the name, address, and telephone number of the Appellant's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the

ENVIRONMENTAL PROTECTION COMMISSION PERMIT STIPULATIONS
MINOR WORK PERMIT No. 51208
SPECIFIC STIPULATIONS
June 11, 2010

1. This permit authorizes the following activities:
 - a. the refurbishment of an existing dilapidated boat ramp, and;
 - b. the replacement of approximately 22 linear feet of existing functional seawall.

BOAT RAMP REFURBISHMENT

2. Repairs to the existing boat ramp relative to property lines shall be as depicted per EPC approved permit exhibit A-1.
3. The boat ramp shall be constructed using open pervious construction materials to encourage the growth of vegetation within them.
4. This permit does not authorize the placement of pilings or any other structures extraneous to the boat ramp.
5. Watercraft associated with the construction of the permitted structure shall operate within the waters of sufficient depth to preclude bottom scouring/prop dredging.

SEAWALL REPAIR

6. Placement of the structure in front of the existing seawall relative to property lines shall be constructed as depicted per EPC approved permit exhibit A-1.
7. The replacement seawall shall be constructed within eighteen (18) inches face to face of the original vertical alignment of existing wall.
8. This permit does not authorize the seawall installation to cover or obstruct any existing storm water outfall pipes.

GENERAL CONDITIONS

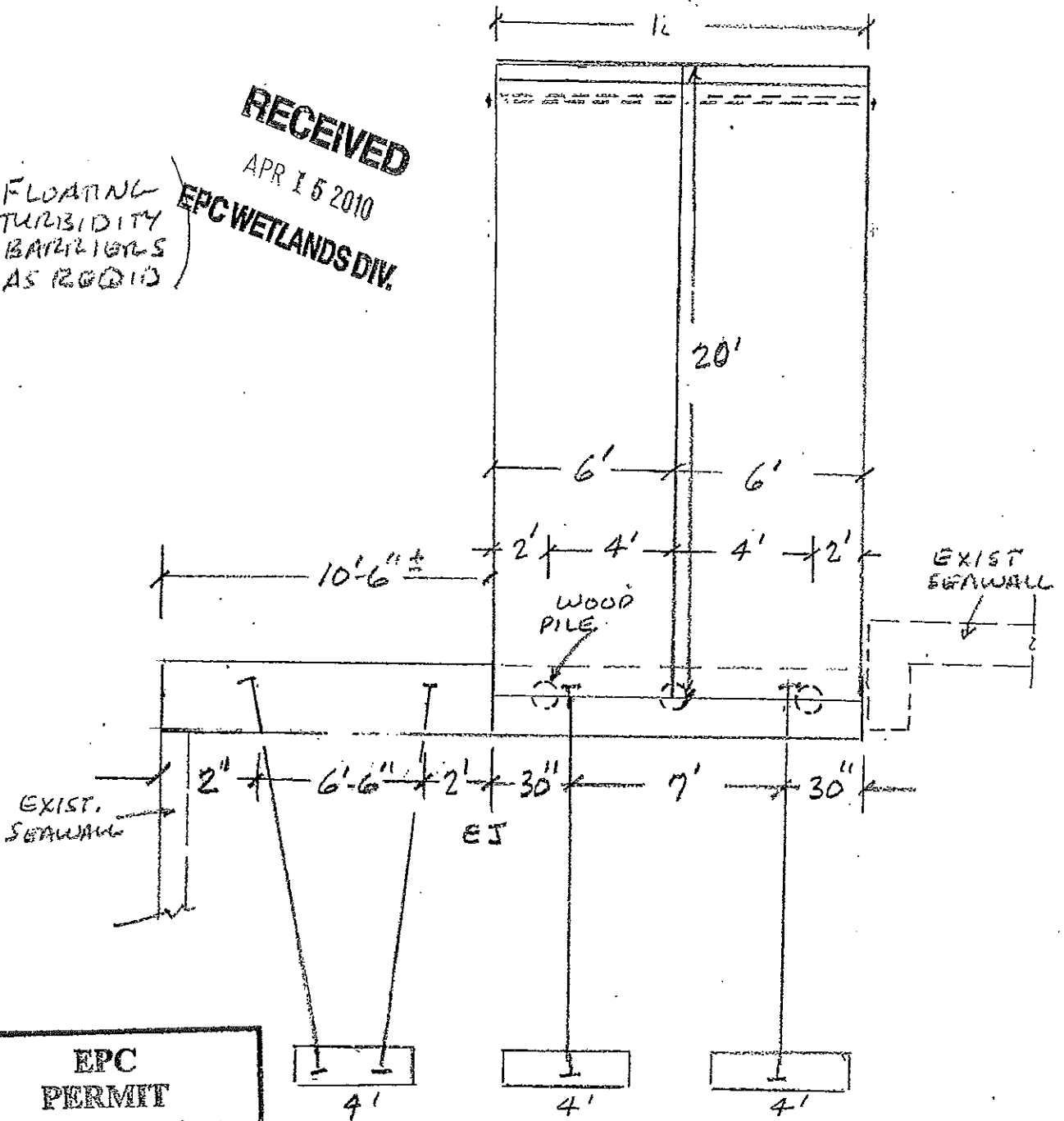
9. The permit does not authorize the placement of pilings or any other structures extraneous to the installation of the seawall or boat ramp.
10. This permit does not authorize any dredging activity.
11. During the installation of the replacement seawall and boat ramp, a floating turbidity curtain and/or silt fence shall be deployed waterward of the work site and attached from adjacent shoreline to adjacent shoreline. The turbidity curtain/ silt fence must remain in place until the work has ceased and any resultant construction-related turbidity has settled out.

RECEIVED

APR 15 2010

EPC WETLANDS DIV.

(FLOATING TURBIDITY BARRIERS AS REQ'D)



EPC PERMIT
Kull **A-1**
EXHIBIT

Over
CE
 3/17/10

Rebar- Grade 60, plain. 3" cover on rebar.
 Concrete- 3500 psi min. for seawall cap and anchors.
 Concrete- 5000 psi for the boat ramp slabs.
 Tieback rods- 1" diameter x 12' long HDG PVC encased
 w/ (2) 6"x6"x1/2" HDG washers and nuts per rod.

PROPOSED SEAWALL
 AND BOAT RAMP REPAIRS
 1115 W. VIRGINIA AVE., TAMPA, FL.
 TAMPA BAY MARINE

REUBEN CLARSON CONSULTING
 972-31ST AVE. NE. #16313
 ST. PETERSBURG, FL. 33704 3/17/10
 727-895-4717 SHEET / OF 3

RECEIVED

APR 15 2010

20' RAMP

EPC WETLANDS DIV.

SHELL DRIVING

GRAVEL BED w/ FILTER FABRIC

4'±

12"

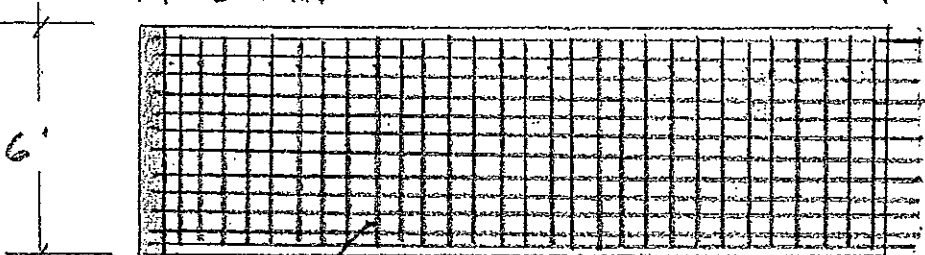
(REMOVE EXISTING DETERIORATED RAMP/WALLS/FILL)

8' LONG VINYL SHEETS

EXIST. BLOCK WALL

EPC PERMIT A-3
GMM EXHIBIT

6" CURB 20'

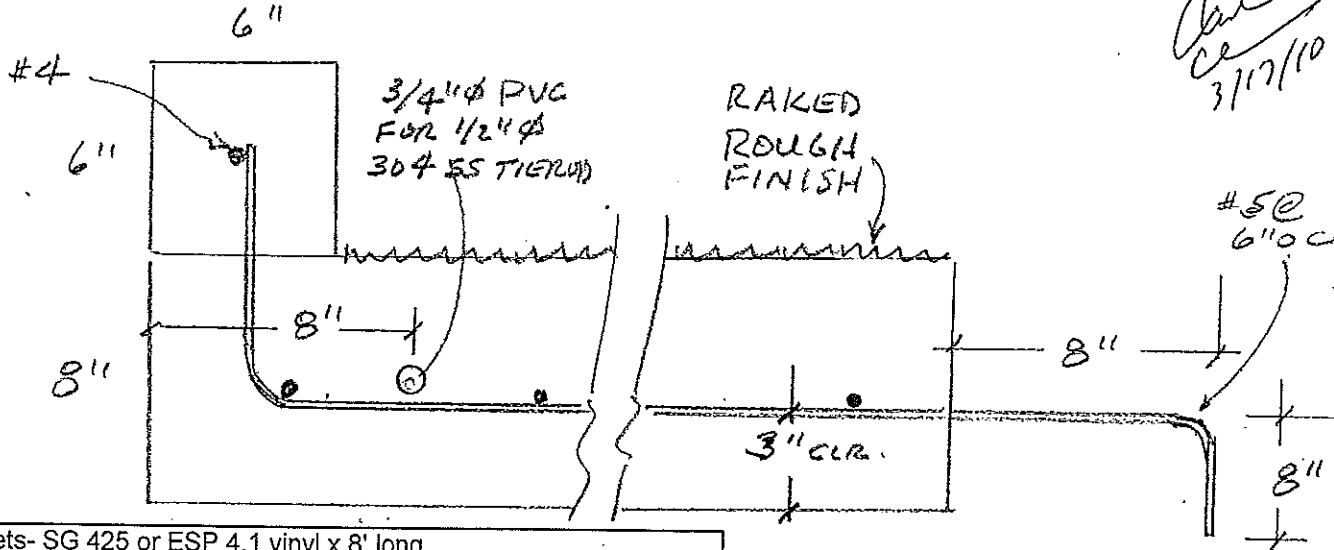


#5@6"OC (12)

#5@8" (30)

8" RAMP SLABS
2 REQ'D

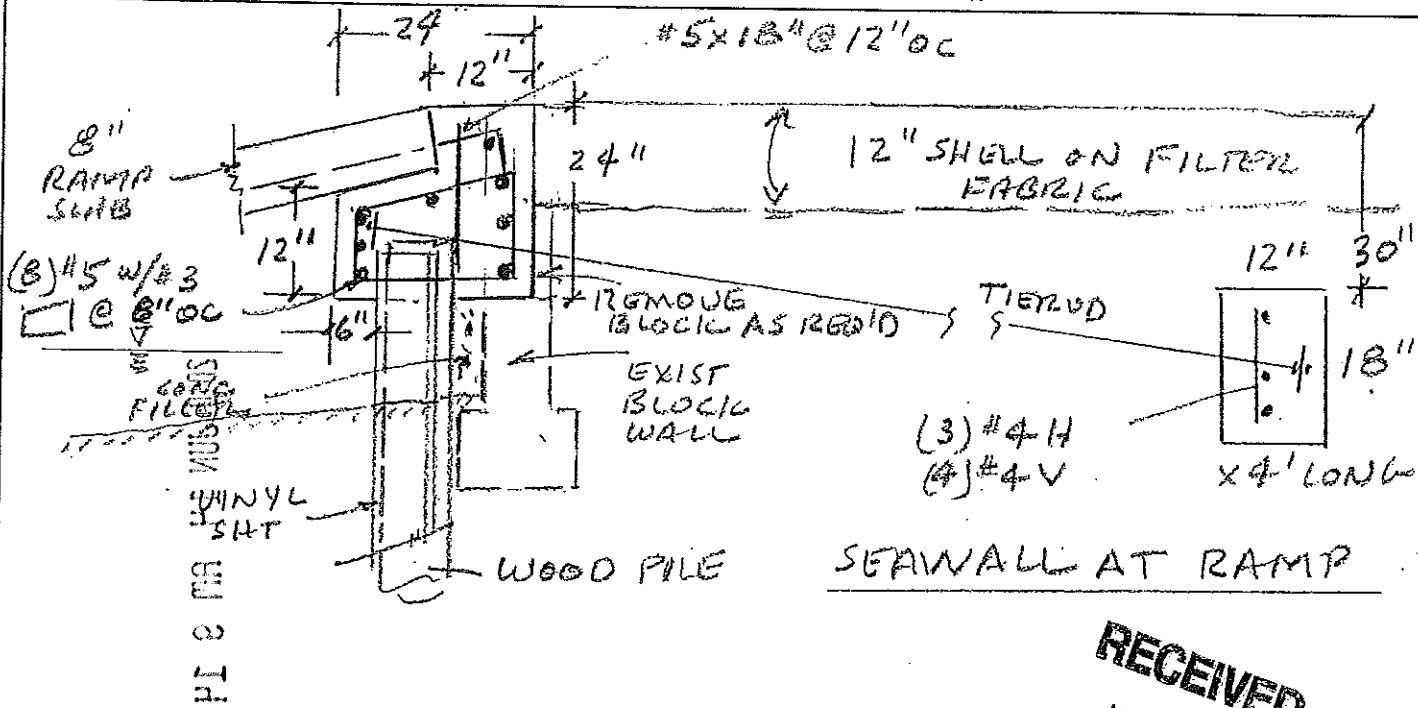
8" EXTENSION



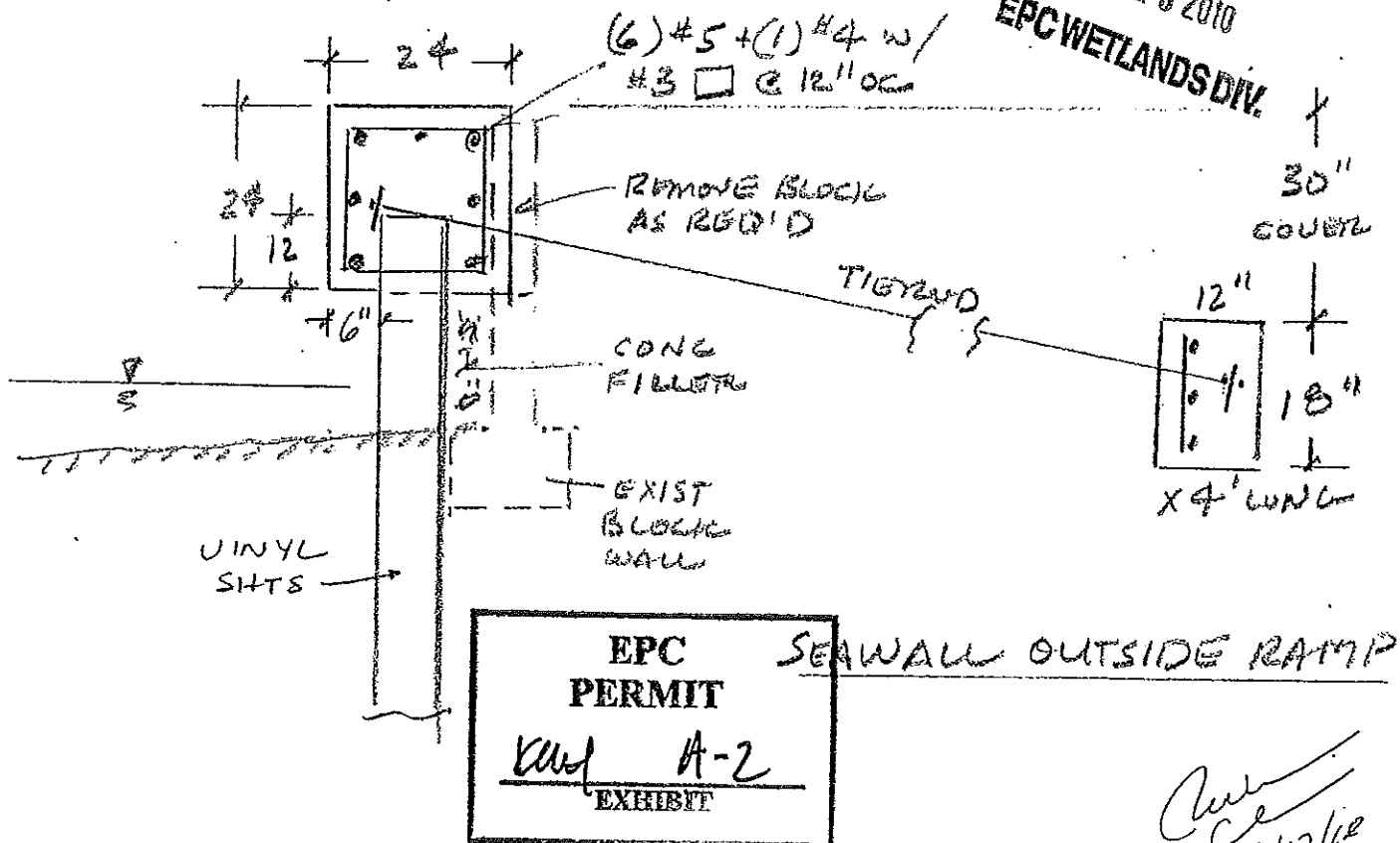
Car
ce
3/17/10

Sheets- SG 425 or ESP 4.1 vinyl x 8' long.
Rebar- Grade 60, plain. 3" cover on rebar.
Concrete- 3500 psi min. for seawall cap and anchors.
Concrete- 5000 psi for the boat ramp slabs.
Tieback rods- 1" diameter x 12' long HDG PVC encased w/ (2) 6"x6"x1/2" HDG washers and nuts per rod.
Wood piles- 8" diameter x 20' long 2.5 CCA SYP driven to 3 tons
Ramp slab tierod is 304 SS 1/2" diameter rod with (2) 4"x4"x1/4" SS washers and nuts connecting the (2) ramp slabs.

PROPOSED SEAWALL AND BOAT RAMP REPAIRS
1115 W. VIRGINIA AVE., TAMPA, FL.
TAMPA BAY MARINE
REUBEN CLARSON CONSULTING
972-31ST AVE. NE. #16313
ST. PETERSBURG, FL. 33704 3/17/10
727-895-4717 SHEET 2 OF 3



RECEIVED
 APR 15 2010
 EPC WETLANDS DIV.



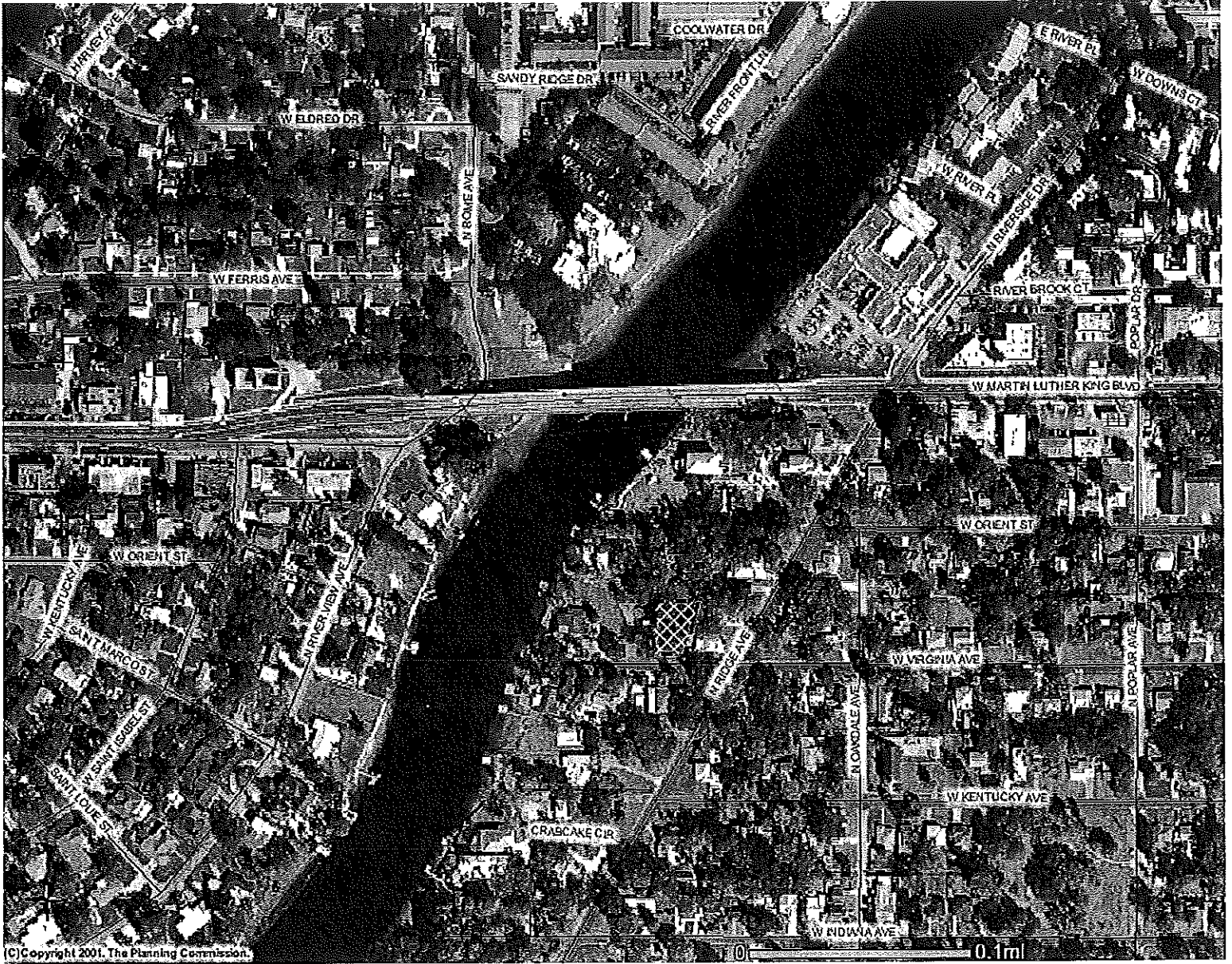
EPC PERMIT
 KMD A-2
 EXHIBIT

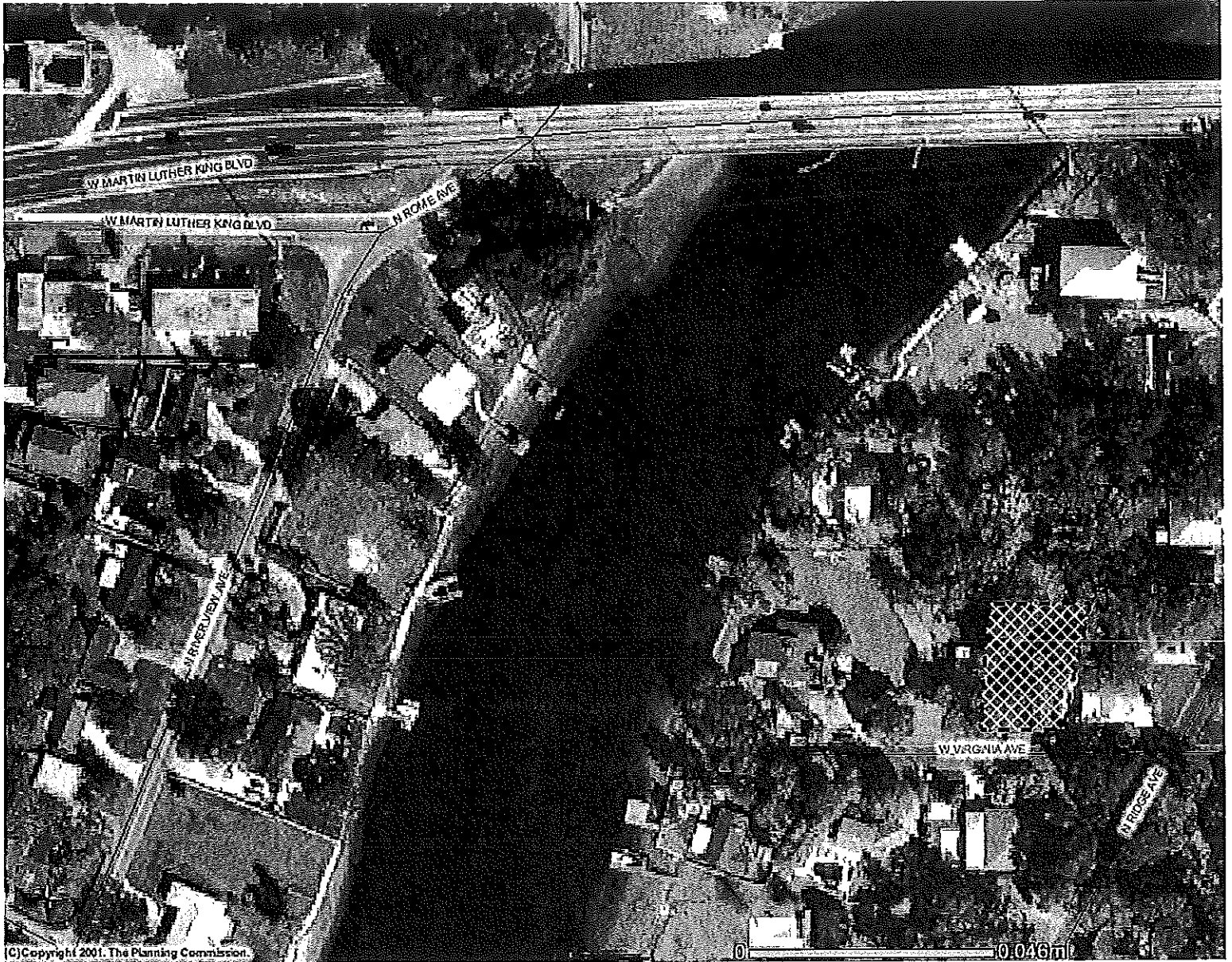
Handwritten signature
 3/17/10

Sheets- SG 425 or ESP 4.1 vinyl x 8' long.
 Rebar- Grade 60, plain. 3" cover on rebar.
 Concrete- 3500 psi min. for seawall cap and anchors.
 Concrete- 5000 psi for the boat ramp slabs.
 Tieback rods- 1" diameter x 12' long HDG PVC encased w/ (2) 6"x6"x1/2" HDG washers and nuts per rod.
 Wood piles- 8" diameter x 20' long 2.5 CCA SYP driven to 3 tons
 Ramp slab tierrod is 304 SS 1/2" diameter rod with (2) 4"x4"x1/4" SS washers and nuts connecting the (2) ramp slabs.

PROPOSED SEAWALL AND BOAT RAMP REPAIRS
 1115 W. VIRGINIA AVE., TAMPA, FL.
 TAMPA BAY MARINE

REUBEN CLARSON CONSULTING
 972-31ST AVE. NE. #16313
 ST. PETERSBURG, FL. 33704 3/17/10
 727-895-4717 SHEET 3 OF 3





City of Tampa Comprehensive Plan

Policy 38.11.3: The City shall prohibit the construction of new vertical seawalls along the upper Hillsborough River, upstream from Fletcher Avenue and shall promote the replacement of vertical seawalls with naturally sloped and vegetated shorelines in the middle and lower river unless found to be in the overriding public interest. The overriding public interest test, found in the Definitions section of this plan, provides criteria to guide City Council in the decision-making process.

Policy 38.14.7: The following principles shall be applied by the City to all proposed development/redevelopment projects that have frontage along the Hillsborough River:

- a. Development must be sensitive to and consistent with the unique character of the urban core, lower, middle and upper river, as defined in the River Corridor Overlay Study;
- b. Strict environmental performance standards will be applied to:
 - Eliminate activities that will pollute the river or alternatively, require mitigation thereof in accordance with applicable stormwater and environmental regulations;
 - Reduce or eliminate the need for a seawall or other hardened shoreline (except within the urban core) by providing alternative erosion control designs, or making the control structure environmentally-friendly;
 - Promote visual access of scenic aspects of the corridor;
 - Promote Florida Friendly Landscape principles and prohibit noxious exotic species and minimize and restrict non-native species in landscaping;
 - Require site plan approval; and
 - Minimize adverse environmental and/or aesthetic impacts, provide technical standards and guidelines consistent with the unique character of the urban core, lower, middle and upper river for, or otherwise restrict, certain uses i.e., parking lots, parking structures, truck service roads, loading docks, warehouses, manufacturing plants, ship building and repair, dredging equipment operators, and heavy uses.

Overriding Public Interest: When determining whether a project or activity is of overriding public interest, taken as a whole, the City shall consider and balance the following factors:

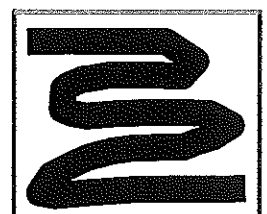
1. The degree to which the project or activity would adversely affect the public health, safety, social and/or economic welfare or the property of others;
2. The degree to which the project or activity would adversely affect the conservation of fish and wildlife, including endangered or threatened species, or their habitats;

3. If the project or activity would be of a temporary or permanent nature;
4. The degree to which the project or activity would adversely affect or enhance significant historical and archaeological resources under the provision of Section 267.067, Florida Statutes;
5. The degree to which the current condition and relative value of functions being performed by areas affected by the proposed project or activity would be degraded; and,
6. The degree to which acceptable measures would mitigate the adverse impacts, which would be caused by that project or activity. Such determination shall be decided by a majority vote of City Council.

Urban Core: The portion of the river from the Columbus Drive bridge downstream to the Platt Street bridge, which is at the mouth of the river in downtown Tampa.

AGENDA ITEM VIII.

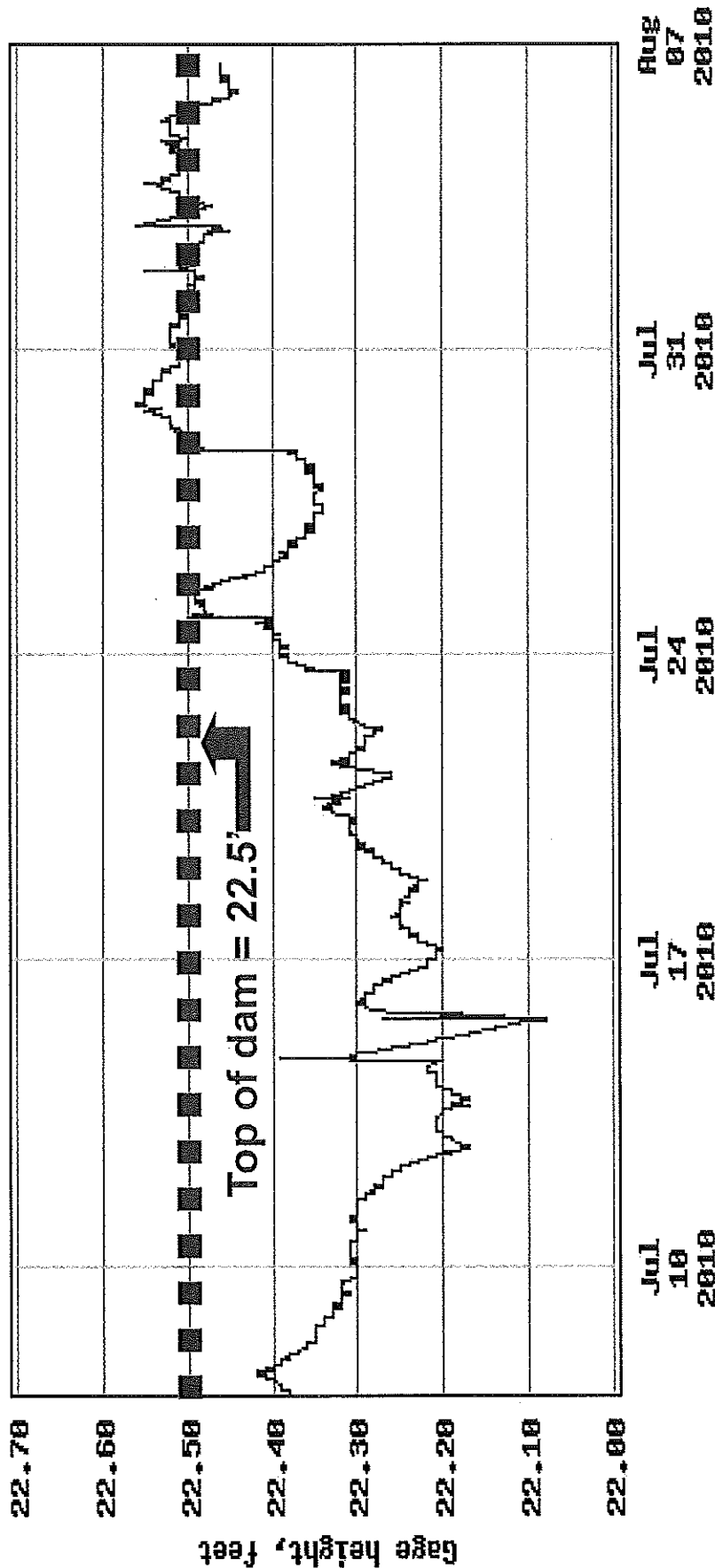
Status of Hillsborough River Flows
and Levels





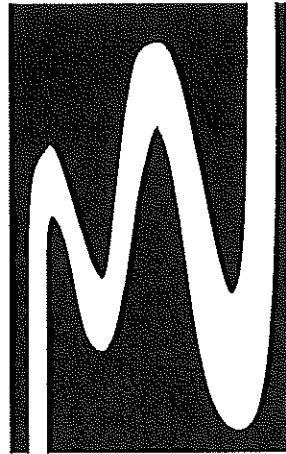
GAGE HEIGHT

USGS 02304500 HILLSBOROUGH RIVER NEAR TAMPA FL



----- Provisional Data Subject to Revision -----

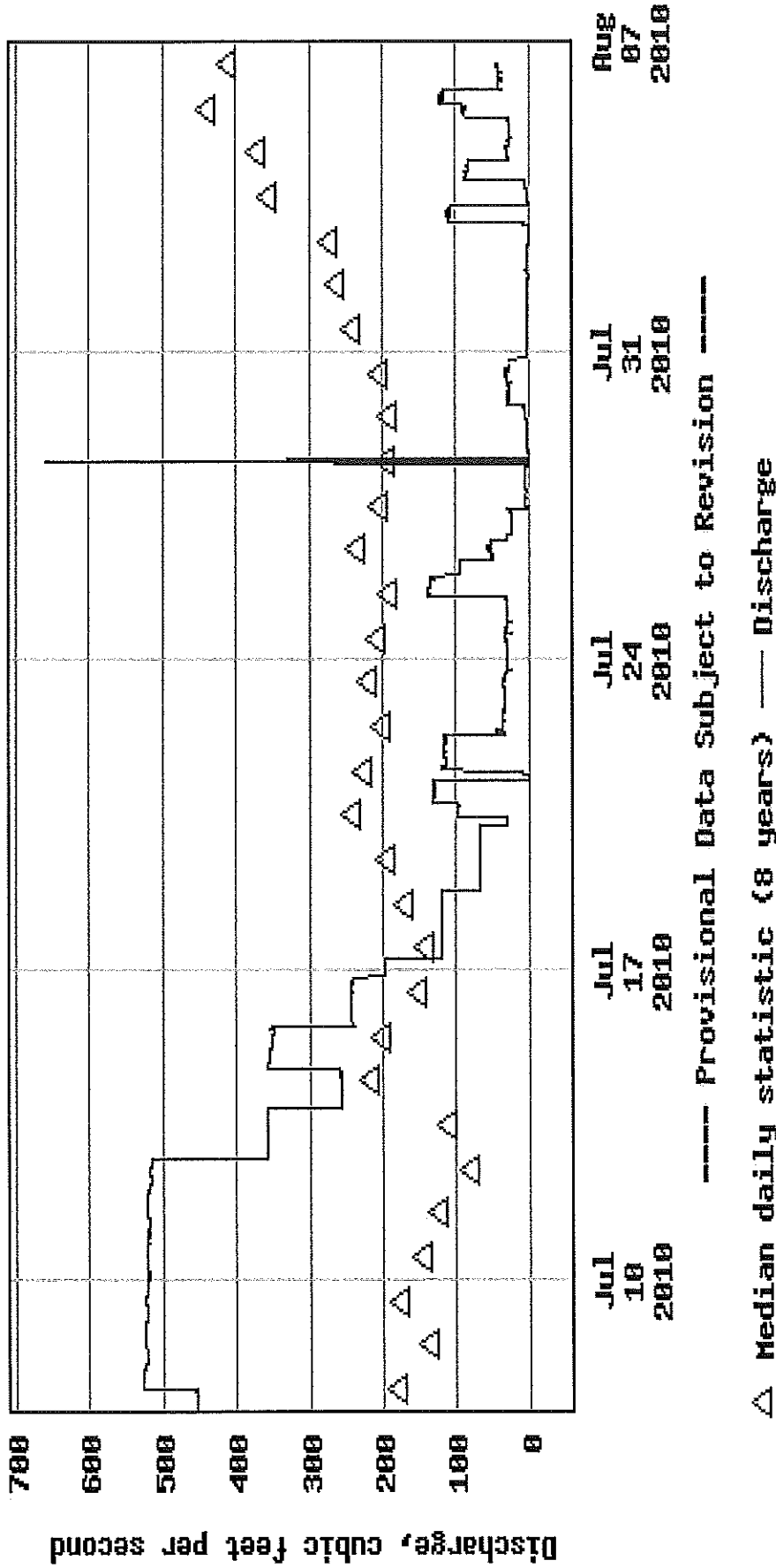
http://waterdata.usgs.gov/fl/nwis/uv/?site_no=02304500&agency_cd=USGS



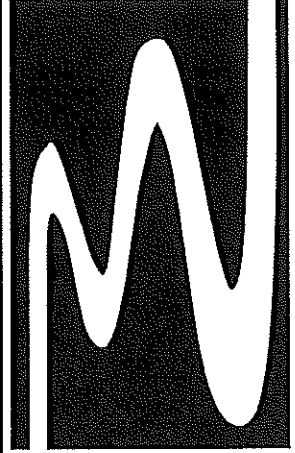


DISCHARGE

USGS 02304500 HILLSBOROUGH RIVER NEAR TAMPA FL



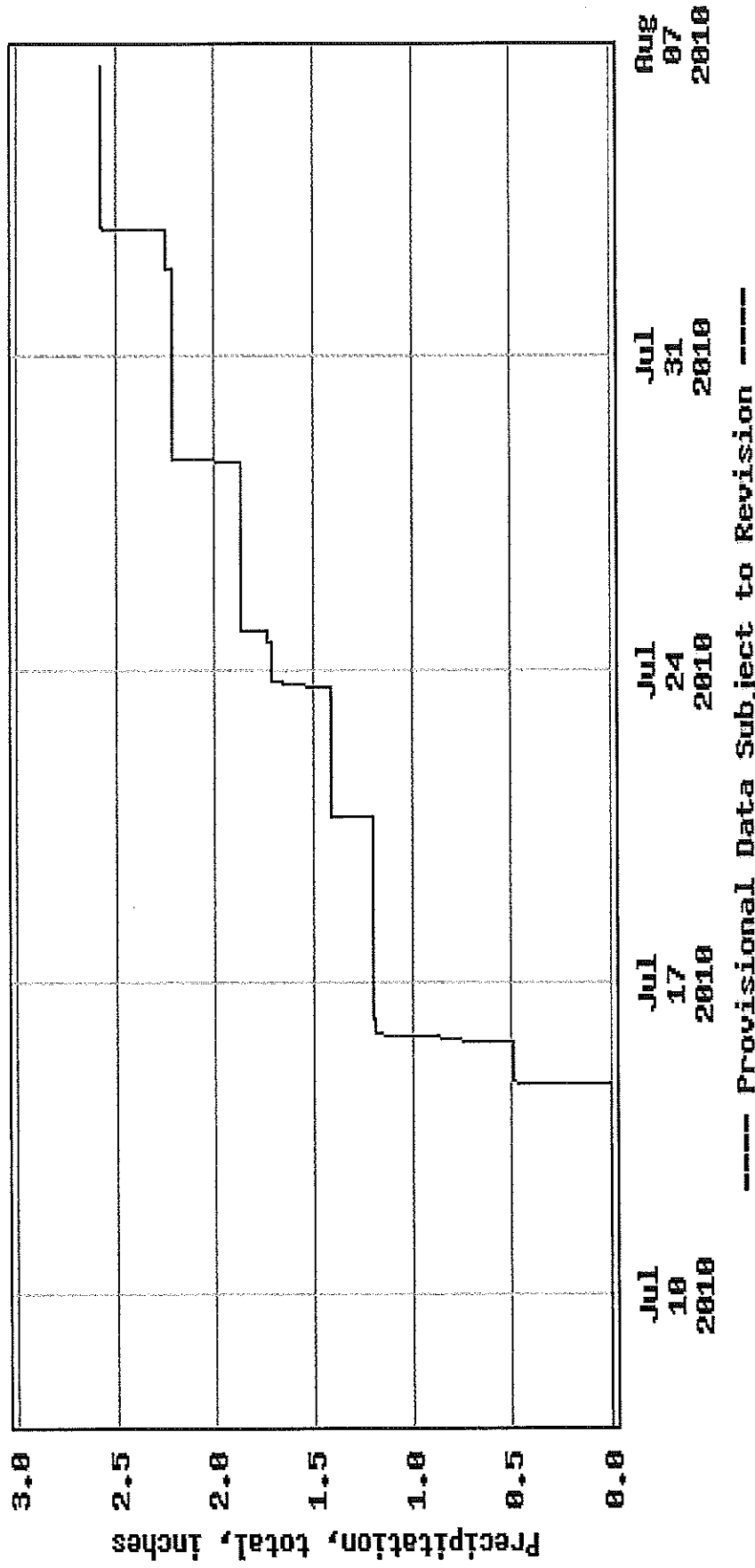
http://waterdata.usgs.gov/fl/nwis/uv/?site_no=02304500&agency_cd=USGS



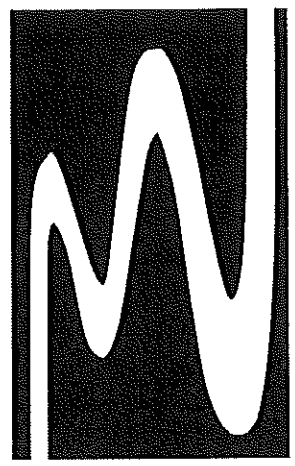


PRECIPITATION

USGS 02304500 HILLSBOROUGH RIVER NEAR TAMPA FL



http://waterdata.usgs.gov/fl/nwis/uv/?site_no=02304500&agency_cd=USGS



Tampa Water Supply & Demand Status

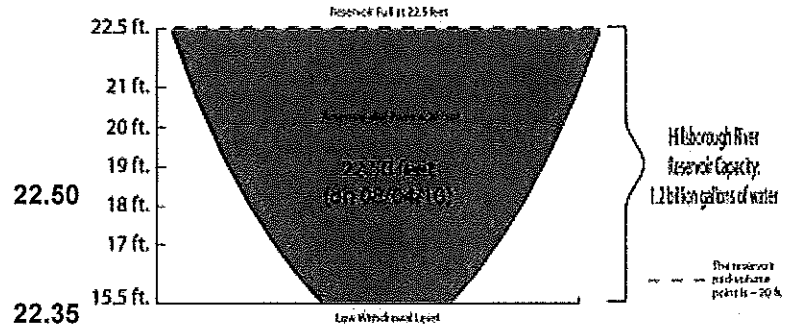
Year-round Water Use Restrictions are in effect July 1. Tampa Water Department customers are asked to use water efficiently.

Water Storage:

Reservoir Level (msl ft):

Wednesday 08/04/10 **22.50**

Wednesday 07/28/10 **22.35**



Water Supply:

7-Day Average (mgd)

River Flow

<u>07/25 to 07/31</u>	<u>07/18 to 07/24</u>	<u>07/11 to 07/17</u>
83.61	110.23	163.48

Reservoir Augmentation

Sulphur Springs

0	0	0
---	---	---

Tampa Bypass Canal

0	0	0
---	---	---

ASR Wells

0	0	0
---	---	---

Total:

83.61	110.23	163.48
--------------	---------------	---------------

Water Demand:

Tippin Plant Production

<u>07/25 to 07/31</u>	<u>07/18 to 07/24</u>	<u>07/11 to 07/17</u>
82.00	81.18	81.46

Water Purchases

0	0	0
---	---	---

Total:

82.00	81.18	81.46
--------------	--------------	--------------

Non-Watering Day (Sunday)

75.02	77.08	81.73
-------	-------	-------

Watering Days Average

83.16	81.86	81.41
-------	-------	-------

Dam Discharge

<u>07/25 to 07/31</u>	<u>07/18 to 07/24</u>	<u>07/11 to 07/17</u>
17.99	42.73	213.54

Water Restriction Enforcement:

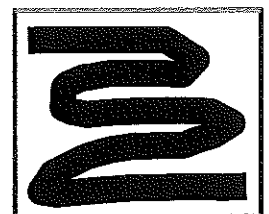
Issued Week of 07/31/10 -	Warnings: 33	Citations: 0
Issued Week of 07/24/10 -	Warnings: 39	Citations: 0
Issued Week of 07/17/10 -	Warnings: 46	Citations: 1
Issued Calendar Year To Date -	Warnings: 576	Citations: 416

mgd = Million of Gallons per Day Level

msl = Mean Sea

Definitions of Terms

AGENDA ITEM X.
Other Business



Developer appeals ruling on stalled Pasco mall project

By [KEVIN WIATROWSKI](#) | The Tampa Tribune

The developers of the Cypress Creek Town Center want a federal judge to let them fix problems with its wetlands permit rather than shut down the mall project for good.

The Richard E. Jacobs Group filed an appeal this week to the ruling the judge issued last month.

The judge ruled that the Army Corps of Engineers showed a pattern of disregard for environmental laws when it failed to require Jacobs to complete a costly environmental impact statement.

The ruling came out of a lawsuit brought by the Sierra Club. Environmentalists say the mall threatens Tampa's drinking water supply, which is partly fed by Cypress Creek.

Denise Layne, spokeswoman for the Sierra Club's Tampa Bay chapter, said the request to fix the permit amounts to game-playing by Jacobs and the Army Corps.

"The Army Corps is saying for the third time, 'Hey, trust us. We're going to fix it,'" Layne said. "The games go on."

Layne said environmentalists and developers do agree on one thing: Shutting the project down completely will leave no one to ensure the site doesn't do further damage to Cypress Creek. For that reason, the Sierra Club hasn't asked for the permit to be revoked outright, she said.

The creek, designated an Outstanding Florida Water, wraps around the west and south sides of the mall site. The stretch next to the mall is one of the few areas of open water. In Pasco, the creek, which begins northeast of San Antonio, is dominated by shallow wetlands.

Jacobs won approval for its 1.3 million-square-foot mall in 2004.

Heavy rains that fell while the mall was under construction in 2008 pushed muddy water into the creek, polluting a segment of it. Regulators suspended work on the mall for 18 months.

Jacobs and regulators struck a deal to fix problems on the site and let work restart, but by then the recession had caused several of the mall's potential tenants to pull out or file for bankruptcy.

Before work stopped on the site, Jacobs had installed underground storm drains, all of which must be maintained if they're to prevent future pollutants from reaching the creek, the Army Corps said.

As part of the project, Jacobs filled more than 50 acres of wetlands. Restoring them would make the mall project untenable and block the county's planned extension of County Road 54 south to County Line Road, Jacobs argued.

Crews are currently building the first leg of that extension into the mall site.

"It would also cause serious disruption to Pasco County and its residents because it would result in the loss of thousands of jobs and millions in annual tax revenues to Pasco County and its schools," Jacobs officials argued in its court filing.

Jacobs has said its mall will employ 4,000 people when finished and could generate \$6 million in tax revenue each year.