

Harbor Commission

Regular Meeting Agenda

Tuesday, July 17, 2012
5:30 p.m., City Hall Council Chambers



City of South Haven

1. Call to Order

Roll Call: Chairman Jeff Arnold, Vice-Chairman Mary Stephens, Fred Jeffers, Cathy Pyle, Alan Silverman, Daniel Strong, Greg Sullivan.

2. Approval of Agenda

3. Approval of Minutes: June 19, 2012 Meeting

4. Interested Citizens in the Audience Will be Heard on Items Not on the Agenda

5. Marina Reports

6. 423 Williams St, Boat Lift Site Plan

7. Bridge Response

8. Dredging Permit Proposal

9. Queen's Cup Discussion

Member and Staff Comments

Adjourn

RESPECTFULLY SUBMITTED,
Paul VandenBosch
Harbormaster

Harbor Commission

Regular Meeting Minutes

Tuesday, June 19, 2012
5:30 p.m., City Hall Council Chambers



City of South Haven

1. Call to Order by Arnold at 5:30 p.m.

Present: Stephens, Sullivan, Jeffers, Pyle, Arnold
Absent: Silverman, Strong

Also present: Robin Abshire, Marina Manager; John Marple, Owner/Manager Old Harbor Inn, Wendy Hochstedler, Finance Director

VandenBosch noted that the new Marina Manager is here and requested that the Commission move the Marina Manager Item 8 to Item 3a

2. Approval of Agenda

Motion by Stephens, second by Pyle to approve the agenda as revised. All in favor. Motion carried.

3. Approval of Minutes: April 17, 2012 Meeting

Based on a question regarding the minutes, the board quizzed Marple regarding what the actual district would be. Pyle raised the question of qualifying for grants. Marple said "*from pier head to pier head to the bridge all property adjoining the river only*" works for him.

Motion by Stephens, second by Jeffers to amend the minutes to read as noted above.

All in favor. Motion carried.

Motion by Sullivan, second by Jeffers to approve the April 17, 2012 regular meeting minutes as revised.

All in favor. Motion carried.

3a. Marina Management Update

VandenBosch introduced John Marple as the new Marina Manager.

Marple noted he was the Harbor Master during the 80's into the 90's when the South Marina was developed and was also instrumental in vacating the turning basin. Marple has been shadowing Abshire and staff and had some meetings. Marple noted that he feels the facilities are in great shape and noted he feels that Abshire has done a great job. Marple explained that the City has appointed him for a month and Marple hopes to continue on through the termination of Abshire's contract in October.

Marple's biggest concern is the Queen's Cup, a very important event for the city. Marple noted that unfortunately this year there is not a lot of water so staff will be challenged by where to put the boats. Noted volunteers are needed.

4. Interested Citizens in the Audience Will be Heard on Items Not on the Agenda

None at this time.

5. Marina Reports

VandenBosch gave an overview of the Marina Reports.

Noted that we have a problem with tokens, so has sent out some bad tokens and they are to be recalibrated to work in the machine.

VandenBosch commented on the Lake Michigan water levels, which are about 10' from record lows.

6. Harbor Commission Code of Ordinances

VandenBosch stated that recent Parliamentary Procedures training encouraged getting the Commissions' Code of Ordinances out to members.

7. Queen's Cup Update

VandenBosch noted that staff will be challenged to get the deep draft boats into slips and some will be rafted off.

Stephens asked about the 10' shoal between the pier heads. VandenBosch said the biggest boats are probably going to turn around and go back. The depth we have seen is about 12' but it is different in different areas. Stephens asked how deep the deep draft boats are to which VandenBosch responded that some of the deeper draft boats are 8' to 10'.

8. Marina Management Update

See Item 3a. above.

9. Black River Park Gravel Road and Drainage Response

VandenBosch noted that he had gotten a request to look into the feasibility of moving the drive to align so those pulling longer trailers and boats could approach more easily. VandenBosch stated that the City Engineer thought it would be quite costly to line that up, including the cost of installing new storm sewer with the drive re-alignment. The City Manager has asked the City Engineer to continue to review this with the thought of a less extensive solution.

VandenBosch updated that changes requested regarding to the bridge and another question this board had last month will be in the next agenda.

Member and Staff Comments

VandenBosch noted that the pre-bid meeting for the North Marina facility was today and the City is expecting to have a number of estimates.

Pyle asked about the Gus Macker which is coming on South Beach. VandenBosch said it is going to be on Water Street near the South Marina. The Board discussed pros and cons of the beach location.

Sullivan had a report of shoaling in Slip Away Cove which drew 5'1" and noted that a boat has to go way in to avoid the shoaling.

VandenBosch updated regarding dredging issues and timing of permitting. Noted that Army Corps may not be returning. VandenBosch also noted that a seasonal boater had to be refunded and turned away due to the low water, so indicated that there needs to be a dredging.

Arnold thanked Alan Silverman (in absentia) for all his hard work on the Queen's Cup, and Paul VandenBosch and Robin Abshire for helping organize the Queen's Cup. Arnold noted that he believes Abshire's last day is next week and thanked her for her service during all those years.

Abshire noted that she will be working in New Buffalo.

Adjourn

Motion by Stephens. second by Pyles to adjourn at 6:03 p.m.

All in favor. Motion carried.

RESPECTFULLY SUBMITTED,

Marsha Ransom
Recording Secretary

Marina Fund Revenue

Marina Fund Revenue
As of June 30, 2012

Fiscal Year Ending in	Revenue		Operational	Net
	Seasonal	Transient	Expense	Revenue
2002	234,236	161,984	369,081	27,139
2003	259,840	166,084	403,463	22,461
2004	280,151	167,907	429,353	18,705
2005	282,245	170,944	479,287	-26,098
2006	300,819	173,817	517,881	-43,245
2007	343,171	170,869	471,088	42,952
2008	368,408	168,362	493,906	42,864
2009	377,955	166,674	492,039	52,590
2010	350,635	161,584	485,399	26,820
2011	314,270	140,546	521,900	-67,084
2012	330,660	151,046	427,390	54,316

NOTES ON OPERATIONAL EXPENSES:

Operational Expense does not include depreciation of approximately \$88,000 per year.
Operational Expenses do not include large construction expenses.
Operational Expenses do not include the annual transfer to the River Maintenance Fund of approximately \$25,627 annually.

	Seasonal Marina Revenue												Calendar Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2007	58,007	147,702	34,975	42,960	23,115	-3,846	6,199	1,554	703	1,100	22,348	19,285	354,102
2008	60,795	185,520	32,325	36,210	19,130	16,761	820	50	0	6,550	26,799	900	385,860
2009	44,784	185,069	32,390	25,955	31,150	23,488	843	50	850	900	27,990	1,000	374,469
2010	13,035	218,460	41,530	20,235	5,050	20,692	0	434	350	200	29,812	1,000	350,798
2011	43,222	157,210	38,473	31,230	12,498	-158	800	1,950	400	1,100	17,625	8,865	313,215
2012	31,810	178,650	44,840	14,750	31,795	-1,925	0	0	0	0	0	0	299,920

	Transient Marina Revenue												Calendar Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2007	0	0	0	8,528	11,494	39,340	56,647	48,986	10,983	1,553	-41	0	177,490
2008	0	0	0	11,657	8,957	29,620	53,315	53,501	11,385	630	0	0	169,065
2009	0	0	0	11,972	10,994	24,877	55,645	39,835	22,176	1,301	0	0	166,800
2010	0	0	0	8,445	9,029	25,154	52,730	40,107	8,654	1,299	0	0	145,418
2011	0	0	0	373	16,162	21,221	47,565	41,459	12,635	515	0	0	139,930
2012	0	0	0	4,684	12,448	31,740	0	0	0	0	0	0	48,872

Black River Park Revenues

Black River Park Revenue
As of June 30, 2012

Fiscal Year Ending	Seasonal Dock	Transient Dock	Boat Launch & Parking fees	Seasonal Launch Permit	Revenue Total	Operational Expense	Net Revenue
2007	84,563	9,480	42,544	10,471	147,058	90,412	56,646
2008	96,484	11,143	37,896	10,053	155,576	97,145	58,431
2009	93,239	9,240	37,261	11,922	151,662	99,992	51,670
2010	84,432	9,249	38,478	10,183	142,342	90,883	51,459
2011	66,393	8,658	42,038	3,859	120,948	113,430	7,518
2012	73,619	10,711	55,134	10,097	149,561	129,949	19,613

Note: Operational Expense does not include depreciation of approximately \$46,000 per year.
Operational Expenses do not include large construction expenses.
Operational Expenses do not include the annual transfer to the River Maintenance Fund of approximately \$5,500 annually

Boat Launching & Parking Fees Revenue

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Calendar Year Total
2007	0	0	0	1,289	4,160	7,725	13,459	7,941	5,917	1,808	0	0	42,299
2008	0	0	0	831	2,768	5,172	11,030	10,046	4,709	2,170	0	0	36,726
2009	0	0	0	370	3,378	5,558	10,738	7,704	8,311	812	0	0	36,871
2010	0	0	0	527	6,102	4,284	13,972	11,844	2,799	2,186	0	0	41,714
2011	0	0	0	126	4,301	6,870	19,145	10,345	7,373	1,221	0	0	49,381
2012	0	0	0	0	7,000	10,050	0	0	0	0	0	0	17,050

Launching - Seasonal Permit Revenue

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Calendar Year Total
2007	0	0	0	2,261	4,157	2,749	1,453	0	0	0	0	0	10,620
2008	0	0	0	1,885	3,743	2,972	1,620	0	0	0	0	0	10,220
2009	0	0	0	2,770	4,924	2,608	640	0	0	0	0	0	10,942
2010	0	0	0	1,370	7,158	1,015	1,546	0	75	0	0	150	11,314
2011	0	0	0	610	75	1,403	1,222	0	0	75	0	0	3,385
2012	0	0	0	600	6,620	1,580	0	0	0	0	0	0	8,800

Seasonal Dock Revenue

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Calendar Year Total
2007	9,140	27,530	6,155	11,695	12,270	5,762	0	0	250	400	5,200	4,787	83,189
2008	7,940	45,315	9,400	11,905	12,675	-1,388	0	0	200	2,000	5,009	1,655	94,711
2009	6,865	41,215	7,085	9,125	4,990	15,095	0	0	0	0	5,000	0	89,375
2010	3,740	30,265	19,680	11,325	15,585	-1,163	1,650	0	0	0	4,650	2,369	88,101
2011	6,550	22,995	3,740	7,215	8,505	8,720	727	3,707	0	1,680	2,175	4,670	70,684
2012	3,995	20,485	9,585	6,440	18,500	1,655	0	0	0	0	0	0	60,660

Transient Dock Revenue

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Calendar Year Total
2007	0	0	0	169	1,303	1,986	3,988	2,672	984	0	0	0	11,102
2008	0	0	0	329	1,562	1,609	2,571	2,904	1,204	303	0	0	10,481
2009	0	0	0	0	483	1,776	2,444	3,796	1,332	0	0	0	9,831
2010	0	0	0	0	748	930	2,657	2,479	746	0	0	0	7,560
2011	0	0	0	0	818	1,958	4,492	2,190	1,181	23	0	0	10,662
2012	0	0	0	0	604	2,221	0	0	0	0	0	0	2,825

Dear Mr. Vanden Bosch

Thank you for allowing us to do Vessel Safety checks at the public launch ramp at Black River Park.

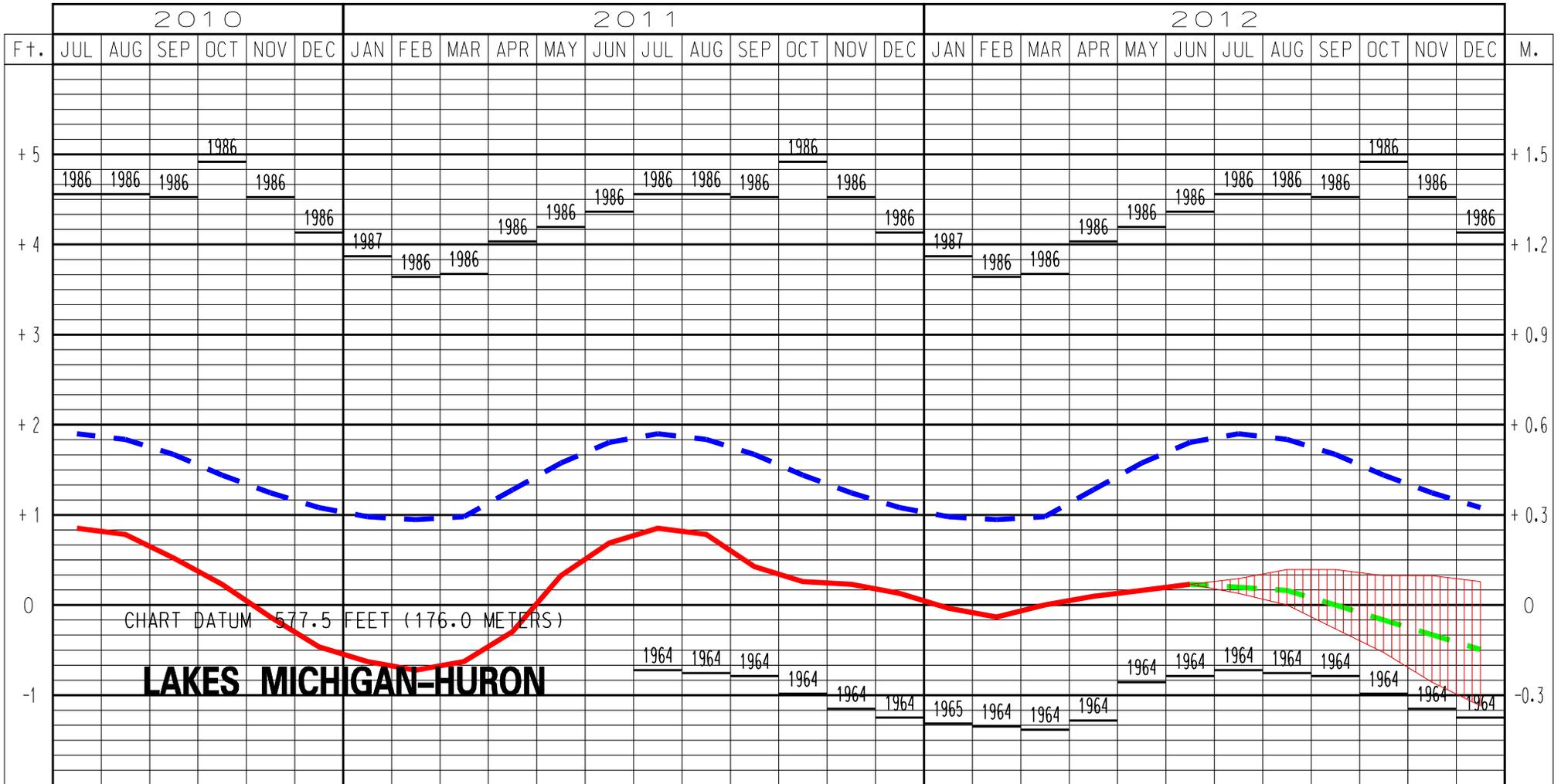
More than 1/2 of the boaters we asked wanted the Free Vessel Safety Check and all but 4 passed.

Between the two sites, KSPS performed 25 safety inspections and South Bend completed 20.

We look forward to working together again.

Lyn Bleyer, cdr
Kalamazoo Sail & Power Squadron

LAKES MICHIGAN-HURON WATER LEVELS - JULY 2012



LEGEND

LAKE LEVELS

RECORDED

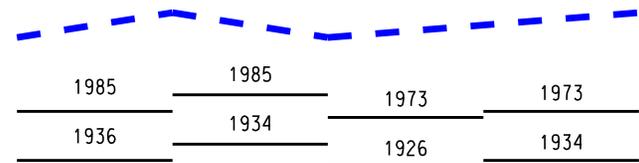
PROJECTED



AVERAGE **

MAXIMUM **

MINIMUM **



** Average, Maximum and Minimum for period 1918-2011

July 3, 2012

TO: Harbor Commission

FR: Paul VandenBosch

RE: 423 Williams St. Boat Lift

The zoning ordinance requires Harbor Commission review for any construction in the water or near shore in Section 1724.2.

Section 38-4(8) prohibits any encroachment upon the harbor lines as established, except as permitted in Section 38-6.

Section 38-6 allows for modification of structures which encroach onto the city harbor lines under the following terms:

The Harbor Commission may approve modification in the length, width and location of legal nonconforming structures which encroach upon the Harbor lines under the following conditions:

(1) The Harbor Commission finds that the proposed change constitutes an improvement to safe navigation and increase in the width of the navigation channel.

(2) The encroachment of each and every dock on the parcel shall not be greater than the average encroachment.

The proposal appears to be a boat lift which encroaches upon the Harbor line, but is within the encroachment of existing pilings.

Harbor Commission review should consider the following items:

Does the Harbor Commission make findings (1) and (2) above?

Will any portion of the project impede safe navigation?

Will any portion of the project have an adverse impact on the adjacent property owner's access to their property?

Will any portion of the proposed project have an adverse impact on the adjacent property owner's ability to develop their property?

Any other impacts to navigation, boat traffic or shore development should be considered.

The Harbor Commission is requested to approve or deny the proposed site plan based on Section 38-6 of the City Code, and to make a recommendation to the Planning Commission for consideration in Planning Commission site plan review.



2011 Digital Orthophotographs

The original photographs displayed here were taken in the spring of 2011. The 'best resolution' of these images is 0.5 feet per pixel.

Digital ortho photography consists of images processed by computer to remove the distortions caused by tilt of the aircraft and topographic relief in the landscape. These images are properly scaled and located in the state plane coordinate system (NAD83) thus giving them similar characteristics of a map.

 95 US Feet
 2011 Digital Orthophotograph
 Municipal Name
 Municipal Border
 Railroads
 Public Roads

Copyright © 2001 Land Information Access Association

*Norman Siegel
File # 12-80-0015-P*

**Sail boat next to Norman never leaves slip. It is stored there year around.*



BUILDING / ZONING PERMIT APPLICATION

CITY OF SOUTH HAVEN

BUILDING DEPARTMENT

539 PHOENIX STREET, SOUTH HAVEN, MICHIGAN 49090

FOR INFORMATION CALL 269-277-8573

**DO NOT PAY FEE WITH SUBMITTAL OF THIS PERMIT APPLICATION
PAY FULL AMOUNT OF FEE DUE WHEN ISSUED PERMIT IS PICKED UP**

Project Address: 423 Williams St. South Haven, MI 49090

Applicant: D.K. Construction (Steve) Property Owner: Norman + Kellie Siegel

Appl. Address: 346 W 15th St
Holland, MI 49423 Owner Address: 550 N. Kingsbury Unit 101
Chicago, IL 60654

Applicant Phone: 616-494-0970 Owner Phone: 312-609-7209

Current Use of Property: N/A Zoning District of Property: _____

Project Description: Proposed project is to install a 12' X 12'
permanent boat lift.

Contractor: D.K. Construction License No.: N/A Exp. Date: N/A

Liability Carrier: Travelers Fed Id or S.S.: 38-3260721

Total Value of Construction (All Materials & Labor for this Permit Only): \$14,000.00

Yes ___ No Property is subject to an association. (If yes, attach a letter of approval from said association)

I hereby authorize the Zoning Administrator, Building Inspector or other authorized representative of the City of South Haven to enter and inspect the above property for the purpose of inspection of the premises.

AFFADAVIT: I certify and affirm that I am the property or building owner or owner's authorized agent and that I agree to conform to all applicable laws of this jurisdiction. I also certify that this application is accurate and complete, and that I understand Section 23A of the State Construction Code Act of 1972, Act No. 230 of the Public Acts of 1972, being Section 125.1523a of the Michigan Compiled Laws, which prohibits a person from conspiring to circumvent the licensing requirements of the state relating to persons who are to perform work on a residential structure. Violators of Section 23a are subject to civil fines.

APPLICANT'S SIGNATURE: [Signature] DATE: 6-15-12
CONTRACTOR - OWNER

All contractors must be registered with the City of South Haven before a building permit may be issued.

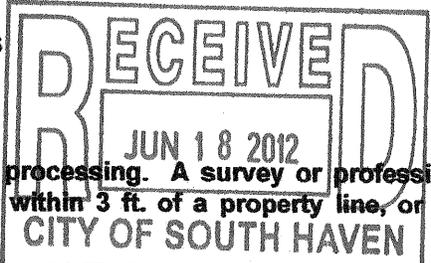
For new single family dwellings, a completed New Single Family Home Submittal Requirements application form must be attached.

For any work involving a change to the footprint of a structure, a drawing must be included with the following:

1. SHOW PROPERTY LINES AND DIMENSIONS OF LOT
2. SHOW ALL STRUCTURES ON PROPERTY
3. SHOW DISTANCES FROM STRUCTURES TO PROPERTY LINES
4. SHOW DISTANCES BETWEEN BUILDINGS
5. SHOW STREETS AND EASEMENTS
6. SHOW ANY UTILITIES NEAR CONSTRUCTION AREA

The submittal of accurate drawings results in faster permit application processing. A survey or professional drawing of the property may be required if the proposed work is at or within 3 ft. of a property line, or it is determined to be needed by the Zoning Administrator or Building Official.

IMPORTANT: THIS BUILDING PERMIT APPLICATION IS NOT A PERMIT. A PERMIT MUST BE ISSUED AND PICKED UP FROM CITY HALL BEFORE ANY WORK IS BEGUN.



(Rev.4/08)

HARBOR COMMISSION ATTACHMENT

CITY OF SOUTH HAVEN SITE PLAN REVIEW

The Harbor Commission meets the third Tuesday of each month
Application deadline is 15 days prior to the meeting

Project Address 423 Williams Street South Haven MI 49090
Project Name (if any) _____
Brief Description of Project Proposed work is to install a 12' x 12' permanent boat lift.
Number of Existing Docks 1 Number of Docks Proposed 0
Amount of Increase 0 Amount of Decrease 0

Will there be any change in the length, width, and/or location of existing docks, slips or other structures? YES ___ NO X

Will any portion of the project extend past the City Project Lines? YES ___ NO X

	Application Made Y/N	Permit Received Y/N	Copy Attached Y/N
1. Army Corps of Engineers	<u>Y</u>	<u>Y</u>	<u>Y</u>
2. DEQ	<u>Y</u>	<u>Y</u>	<u>Y</u>
3. Flood Plain Management Agency	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>
4. Soil and Erosion Permit	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>

Submittal Requirements

In addition to the requirements for site plan approval as shown on the Plan Application Cover Sheet, Site Plan Submittal Requirements, Site Plan Review Attachment, and any other forms required for the project, the following information must be submitted for any proposed development along the Black River. The drawings must be prepared by or under the supervision of a professional engineer, architect, land surveyor, or landscape architect licensed in Michigan and be signed and sealed by that professional. (Sec. 1402.4)

1. A scaled drawing of the Black River showing the river where the proposed development will be constructed and depicting the following:
 - A. The width of the river.
 - B. A cross section of the river bottom.
 - C. The location of the U.S. Harbor Line and the City of South Haven Project Line (as set forth in City Ordinance #740)
 - D. Project property lines.
 - E. Length, width, location and type of construction of existing docks, piers, slips and seawalls.
 - F. Length, width, location, and type of construction of the proposed development.
 - G. The current development of the site on the opposing sides of the Black River.
2. When any type of dredging is needed to complete the proposed project, the area downstream of the project site for five hundred (500) linear feet and one hundred (100) linear feet upstream from the project must be sounded both before the project is started and at the time of completion, prior to issuance of the Certificate of Occupancy of the project. These soundings must be reported in written form to the City of South Haven for its review. Once the project is completed, the developer will be liable for any debris or spoils that have been found due to the development of the project. If the proposed project includes dredging provide the following:
 - A. Pre-construction soundings report.
 - B. Proposed disposition of dredging spoils.

Applicant's Signature [Signature] Date 6.15.12

(To be completed by the Harbor Commission)
HARBOR COMMISSION REVIEW FORM
SITE PLAN REVIEW

SUBMITTAL REQUIREMENTS:

Provided

Not Provided

- 1.A. Width of the river.
- 1.B. A cross section of the river bottom.
- 1.C. The location of the U.S. Harbor Line and the City of South Haven Harbor Line.
- 1.D. Project property lines.
- 1.E. Length, width, location and type of construction of existing docks, piers, slips and seawalls.
- 1.F. Length, width, location, and type of construction of the proposed development.
- 1.G. The current development of the site on the opposing sides of the Black River.
- 2.A. Pre-construction soundings report.
- 2.B. Proposed disposition of dredging spoils.
- 3. Signed and sealed drawings.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Plans have been reviewed by the Harbor Commission and found to be:

Complete _____ Incomplete _____ If incomplete, explain: _____

FINDINGS- All questions must be answered "no" for approval to be recommended:

- 1. Does any portion of the proposed project extend beyond the City Harbor Lines? YES ___ NO ___
 IF YES: Is the length, width and location of the proposed structure different from the existing structure? YES ___ NO ___
- 2. Will any portion of the proposed project impede safe navigation? YES ___ NO ___
- 3. Will any portion of the proposed project have an adverse effect on the adjacent property owner's access to their property? YES ___ NO ___
- 4. Will any portion of the proposed project have an adverse effect on the adjacent property owner's ability to develop their property? YES ___ NO ___

COMMENTS:

RECOMMENDATION:

Signed _____ Date _____
 (Presiding Chairman, Harbor Commission)

Note: Any approval given by the Harbor Commission under which work is not started within 12 months or, when such use or work has been abandoned for a period of six months, shall lapse and cease to be in effect. (Sec. 38-36 a)

Date of Submittal _____ Date of Harbor Commission Review _____
 Date of Planning Commission Review _____ Date of City Council Review _____



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
MICHIANA BRANCH
DETROIT FIELD OFFICE
477 MICHIGAN AVENUE, ROOM 603
DETROIT MI 48226-2550

May 4, 2012

Engineering & Technical Services
Regulatory Office
File No. LRE-1989-530103-R12

Norman & Kellie Siegel
550 North Kingsbury, Unit R08
Chicago, Illinois 60654

Dear Mr. & Mrs. Siegel:

Please refer to your application dated February 28, 2012 for a Department of the Army permit to install a boat lift in the Black River at 423 Williams Street, South Haven, Michigan.

We have verified that your proposed work is authorized under Regional Permit No. 1990-200-0050 issued on June 29, 2007 under authority of Section 10 of the 1899 Rivers and Harbors Act and Section 404 of the 1977 Clean Water Act. The Regional permit is a blanket permit whereby a class of activities having minimum impacts can receive Department of the Army authorization with a minimal amount of administrative review. The purpose of this letter is to inform you that your proposal has been evaluated, complies with, and is therefore authorized under the Regional Permit.

You may proceed with the work per the following project description, attached drawings, and attached general conditions:

Install a permanent, piling-supported boat lift, 12 foot long by 12 feet wide, in an existing boat slip.

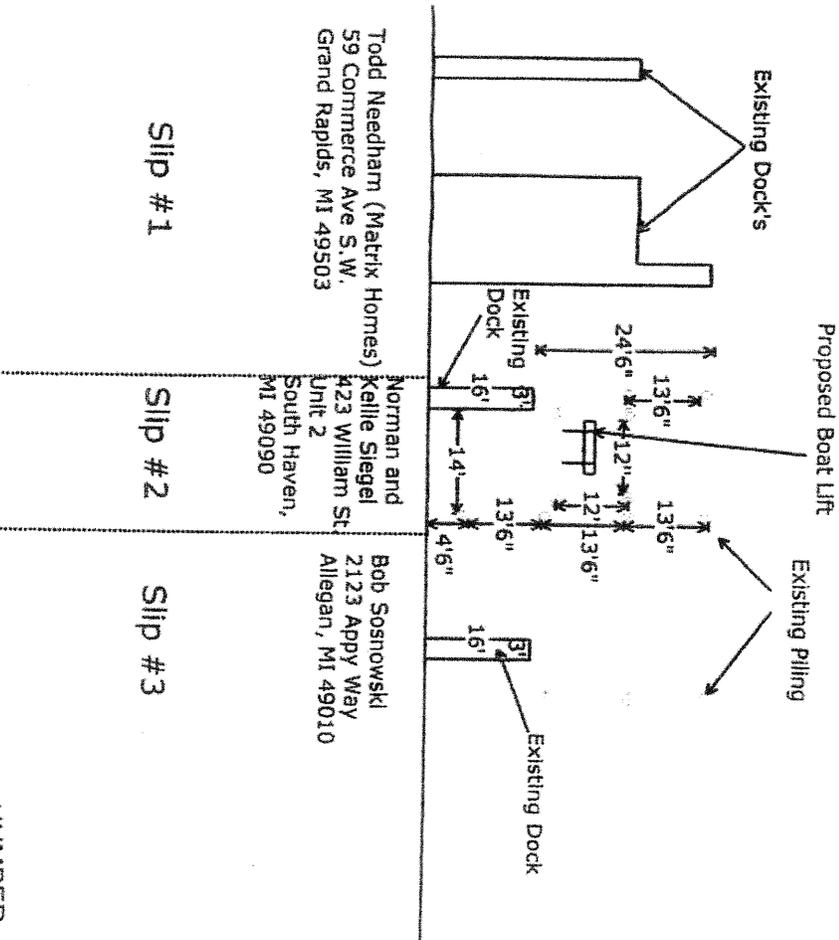
Any construction activity other than that shown on the plans may not qualify for the authorization. To our knowledge, your proposed activity complies. You may not perform construction activities or build structures that differ from what appears on the plans or as described above without specific authorization. If you determine that such activities will be necessary to complete your project, you must contact me for further instructions. Upon completion of authorized work, fill in and return the enclosed COMPLETION REPORT.

This verification is invalid until you obtain an appropriate state permit/certification or waiver thereof. We suggest that you contact the Michigan Department of Environmental Quality (MDEQ) in Lansing, Michigan, at 517-373-9244 for the status of your state permit, if you have not received it three weeks after you receive this letter. If local approvals are required, we recommend you contact the appropriate local government body directly.

The work subject to this nationwide permit and regional permit verification will occur in a navigable water of the United States. The Detroit District, U.S. Army Corps of Engineers has previously made a determination of jurisdiction (JD) for the navigable waters within the

Black River

Top View



Slip #1

Slip #2

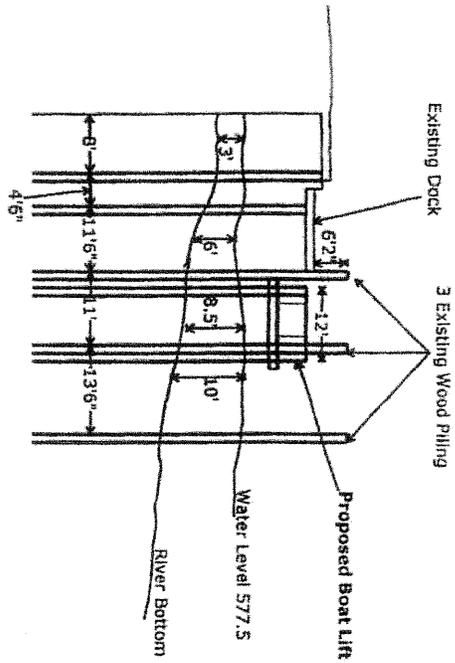
Slip #3

NUMBER: LRE-1989-530103-R12

Siegel--Boat Lift
Waterway: Black River
Van Buren County, MICHIGAN

Applicant: Norman and Kellie Siegel
Agent: D.K. Construction
County: Van Buren
Body of Water: Black River
Date: 02/24/2012

Side View



NUMBER: LRE-1989-530103-R12
Siegel--Boat Lift
Waterway: Black River
Van Buren County, MICHIGAN

Applicant: Norman and Kellie Siegel
Agent: D.K. Construction
County: Van Buren
Body of Water: Black River
Date: 02/24/2012

REGIONAL PERMIT GENERAL CONDITIONS

1. You must maintain the activity authorized by the Regional permit in good condition and in conformance with the terms and conditions of the Regional permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
 2. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by the Regional permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
 3. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to insure compliance with the Regional permit. For your convenience, a copy of the certification is attached if it contains such conditions.
 4. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of the Regional permit.
 5. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.
- Further Information:
1. Congressional Authorities: You have been so authorized to undertake the activity described above pursuant to:
 X Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 Section 404 of the Clean Water Act (33 U.S.C. 1344).
2. Limits of this authorization.
 - a. The Regional permit does not obviate the need to obtain Federal, state, or local authorizations required by law.
 - b. The Regional permit does not grant any property rights or exclusive privileges.
 - c. The Regional permit does not authorize any injury to the property or rights of others.
 - d. The Regional permit does not authorize interference with any existing or proposed Federal project.
 - e. The Regional Permit authorizing the activity expires on May 14, 2012 unless it is reissued without modification or the activity complies with any subsequent modification of the Regional. If the Regional permit is not reissued for the activity in question, activities which have commenced construction or are under contract to commence in reliance upon the Regional Permit will remain authorized provided the activity is completed by May 14, 2013.
 3. Limits of Federal Liability. In issuing the Regional permit, the Federal Government does not assume any liability for the following:
 - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by the Regional permit.
 - d. Design or construction deficiencies associated with the permitted work.
 - e. Damage claims associated with any future modifications, suspension, or revocation of the Regional permit.
 4. Reliance on Applicant's Data: The verification by this office that the project conforms with the Regional permit was made in reliance of the information you provided.

5. **Reevaluation of Permit Decision.** This office may reevaluate its decision on this project at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of the Regional permit.

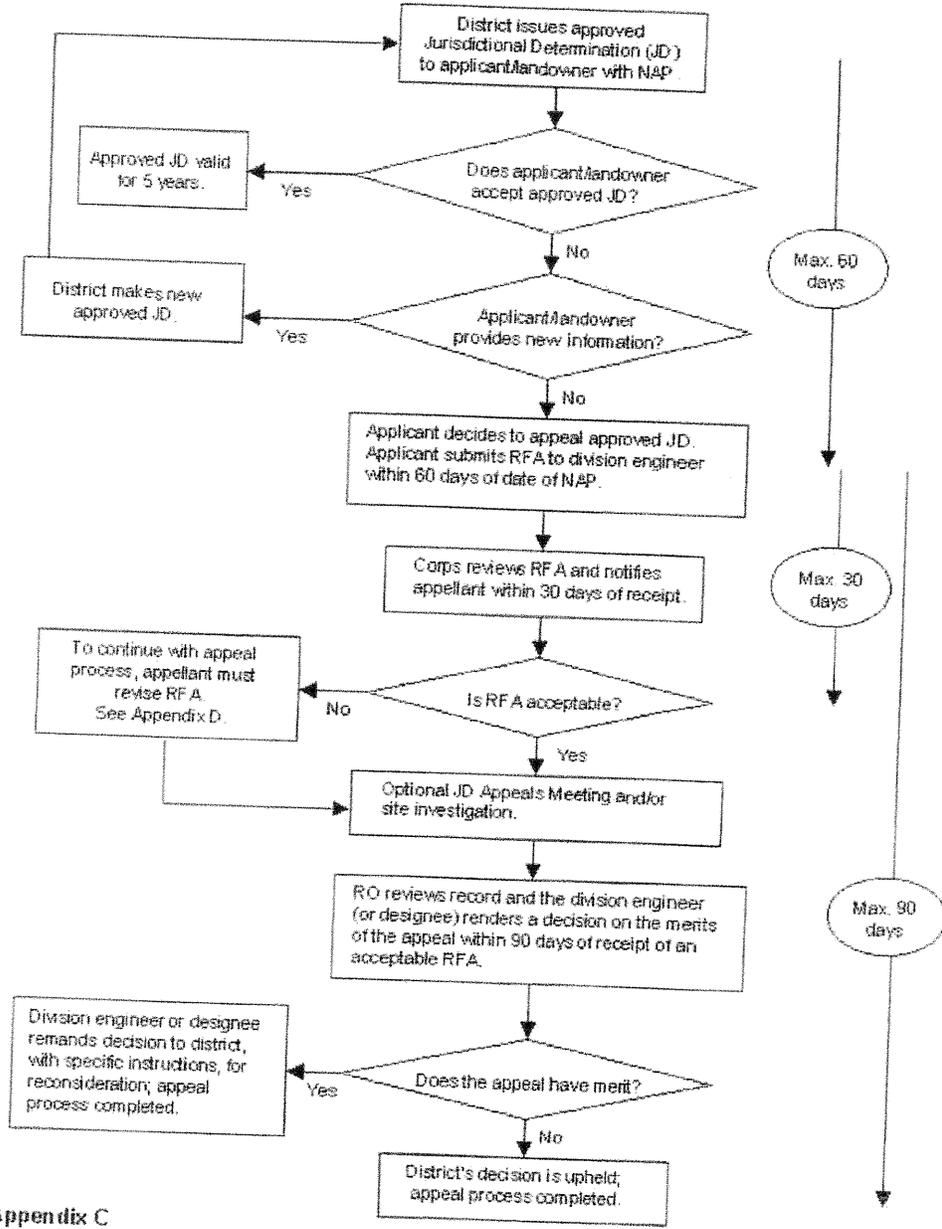
b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision and/or our verification that the activity complies with the Regional permit.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of the Regional permit and for the initiation of legal action where appropriate.

You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

Administrative Appeal Process for Approved Jurisdictional Determinations



Appendix C

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Norman Siegel	File Number: LRE-1989-530103-R12	Date: May 4, 2012
Attached is:		See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
X	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/CECW/Pages/req_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Kerrie Kuhne
 MICHIANA BRANCH
 DETROIT FIELD OFFICE
 477 MICHIGAN AVENUE, ROOM 603
 DETROIT MI 48226-2550

Tel. 313-226-5381

If you only have questions regarding the appeal process you may also contact:

Appeal Review Officer
 U.S. Army Corps of Engineers
 Great Lakes and Ohio River Division
 550 Main Street, Rm 10-524
 Cincinnati, Ohio 45202-3222

Tel. (513) 684-6212 Fax. (513) 684-2460

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

 Signature of appellant or agent.

Date:

Telephone number:

REGIONAL COMPLETION REPORT

CELRE-RG-M-D

May 4, 2012

Chief, Compliance and Enforcement Branch
Regulatory Office
U.S. Army Corps of Engineers
477 Michigan Avenue
Room 603
Detroit, MI 48226-2550

Dear Sir:

You are hereby notified that work under Department of the Army Permit No. LRE-1989-530103-R12 to install a boat lift at 423 Williams Street, South Haven, Van Buren County Michigan, issued to Norman Siegel was completed in accordance with the permit on:

(Date work completed)

(Permittee's Signature)

IMPORTANT

1. This COMPLETION REPORT MUST BE MAILED to the above addressee within 10 days after completion of work covered by the FEDERAL PERMIT to insure an accurate Government record of data affecting navigation.
2. Where dredging soundings are made of projects which include dredging, a copy of the soundings should accompany this report. If the soundings are measured from the water surface and have not been corrected to International Great Lakes Datum plane, the hour and date soundings was made should be noted on sounding reports.

NOTE: Although permits authorizing structures carry an expiration date, REPAIRS that conform to the permit plans are also within the scope of the authorization. Therefore, it is recommended that expired permits NOT be destroyed, but retained as proof that the work to be repaired has received the Corps of Engineers' approval.



Notice of Authorization

Permit Number 12-80-0015-P

Issued: 05/11/2012

Expiration Date: 05/11/2017

The Michigan Department of Environmental Quality, Water Resources Division, P.O. Box 30458, Lansing, Michigan 48909-7958, under provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, and specifically:

- Part 31, Floodplain Regulatory Authority of the Water Resources Protection.
- Part 301, Inland Lakes and Streams.
- Part 303, Wetlands Protection.
- Part 315, Dam Safety.
- Part 323, Shorelands Protection and Management.
- Part 325, Great Lakes Submerged Lands.
- Part 353, Sand Dunes Protection and Management.

Authorized activity:

Please note that the following activity also requires authorization from the United States Army Corps of Engineers:

Place a permanent 12-foot by 12-foot open pile boat hoist for private recreational use. All work shall be performed in accordance with the attached plans and permit conditions.

To be conducted at property located in: Van Buren County, Waterbody: Black River Section 3, Town 1S, Range 17W, South Haven Township.

Permittee: Norman and Kellie Siegel
550 North Kingsbury Unit R08
Chicago, IL 60654

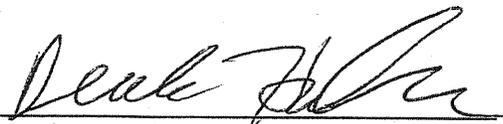
Derek Haroldson
Water Resources Division
269-567-3500

*This notice must be displayed at the site of work.
Laminating this notice or utilizing sheet protectors is recommended.*

Please refer to the above Permit Number with any questions or concerns.

- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31, and wetland).
- M. In issuing this permit, the MDEQ has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, the MDEQ may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- N. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents and representatives for any and all claims or causes of action arising from acts or omissions of the permittee or employees, agents, or representatives of the permittee undertaken in connection with this permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.
- O. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, the MDEQ may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- P. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from the MDEQ. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by the MDEQ prior to being implemented.
- Q. This permit may be transferred to another person upon written approval of the MDEQ. The permittee must submit a written request to the MDEQ to transfer the permit to the new owner. The new owner must also submit a written request to the MDEQ to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties which includes all the above information may be provided to the MDEQ. The MDEQ will review the request and if approved, will provide written notification to the new owner.
- R. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.
- S. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- T. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent.
- U. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- V. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- W. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the waterbody are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- X. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the MDNR, Fisheries Division.
- Y. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
- Z. The boat hoist shall not have permanent covers, sides, or roofs. Temporary covers made of canvas or fabric can be used.
- AA. The structure shall not unreasonably interfere with the navigability or boatability of the water involved or interfere with the riparian rights or use of the waters by others.

By:



Derek Haroldson
Water Resources Division
269-567-3567

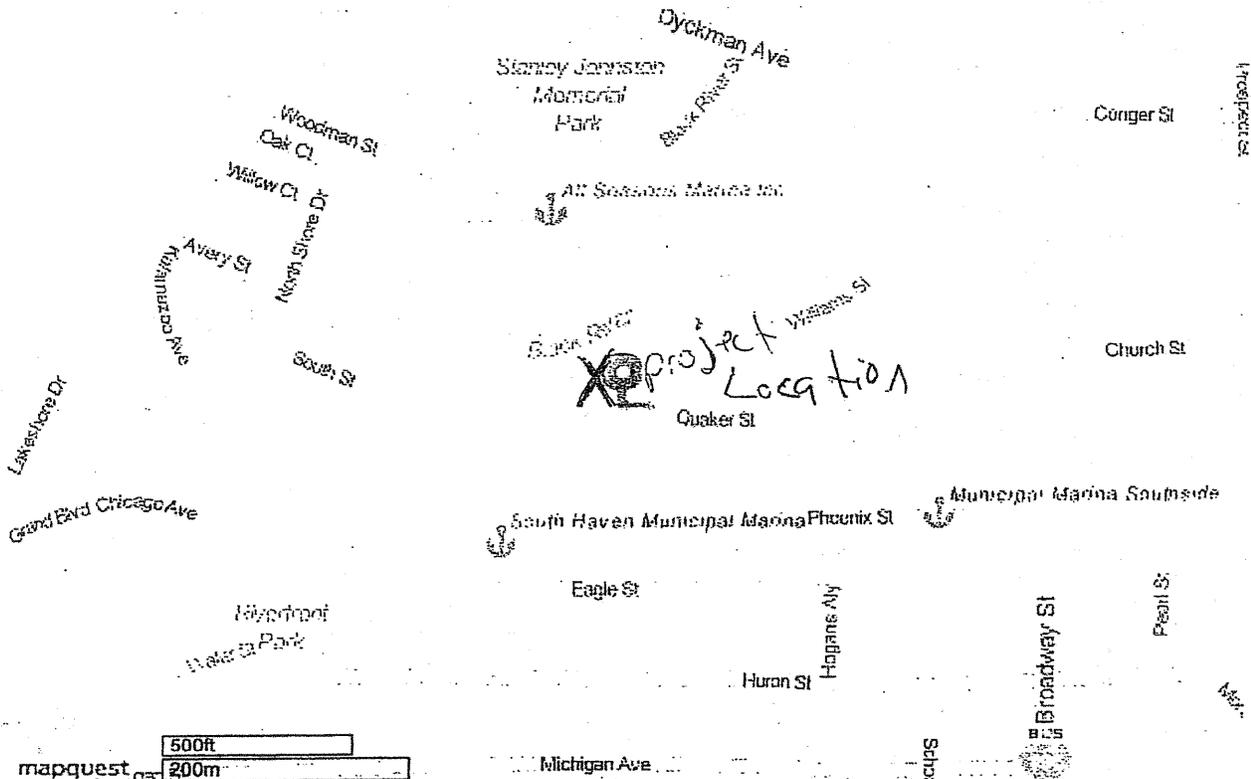
mapquest

Map of:
423 Williams St Unit 2
South Haven, MI 49090-2514

Notes

Project Location:

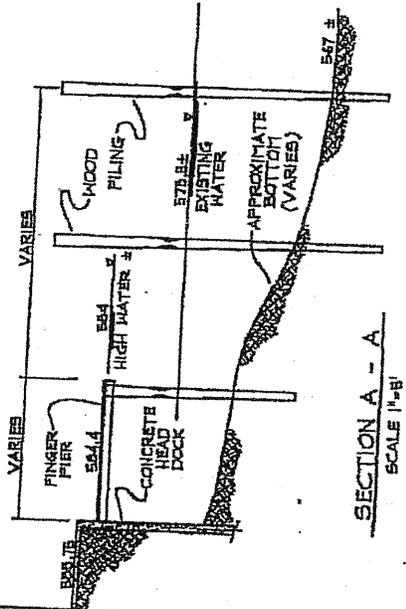
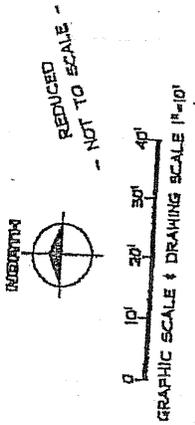
Norman and Kellie Siegel
423 William Street, Unit 2
South Haven, MI 49090



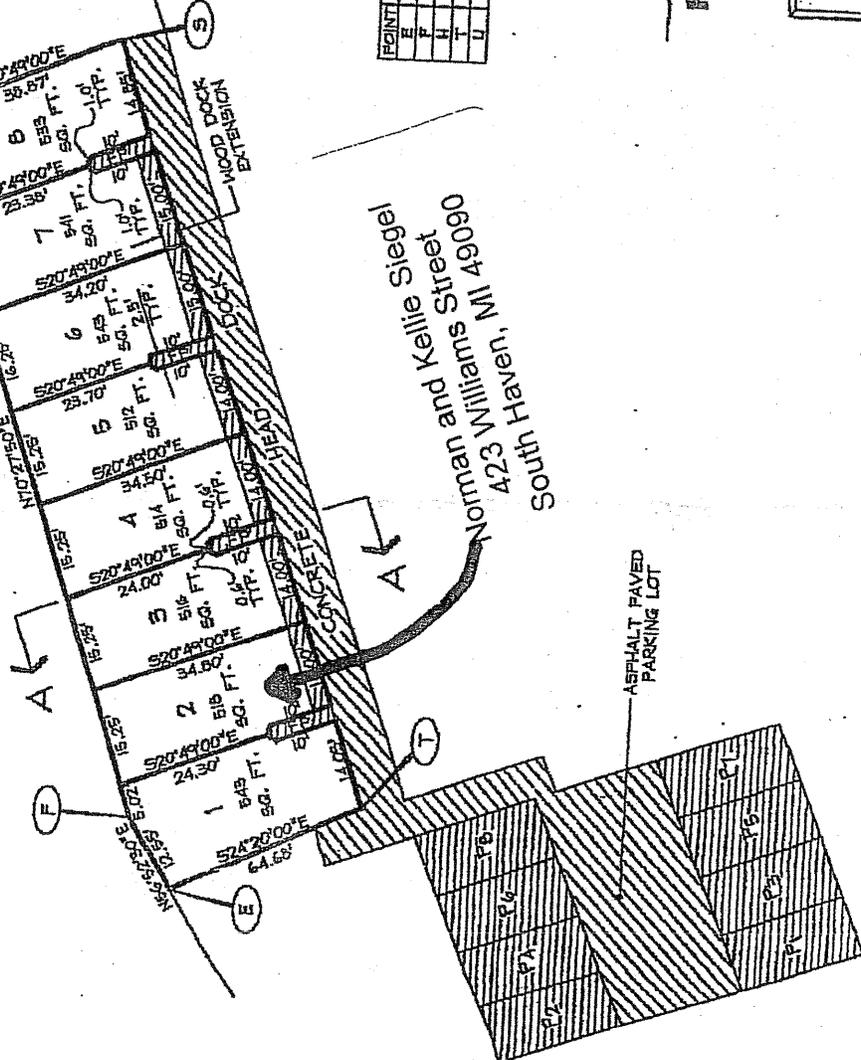
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RECEIVED
MAR 08 2012
DNRE/WRD
PERMIT CONSOLIDATION UNIT

RECEIVED
 MAR 08 2012
 DNR/WRD PERMIT CONSOLIDATION UNIT



BLACK RIVER
 WATER ELEV. 578.3 ±
 JANUARY 16, 2004



COORDINATES

POINT	NORTHING	EASTING
E	11,210.8118	15,562
F	11,271.5424	15,605
U	11,241.5280	15,591
T	11,274.8910	15,774
U	11,282.0418	15,605

HEAD DI
 BOAT SL
 KEY WEST
 CONDON
 PREPARE
 MITCHELL SUI
 404 BRO,
 SOUTH HAVEN

SHEET

AS-BUILT
 DATED: JANUARY 16, 2004

NOTES:

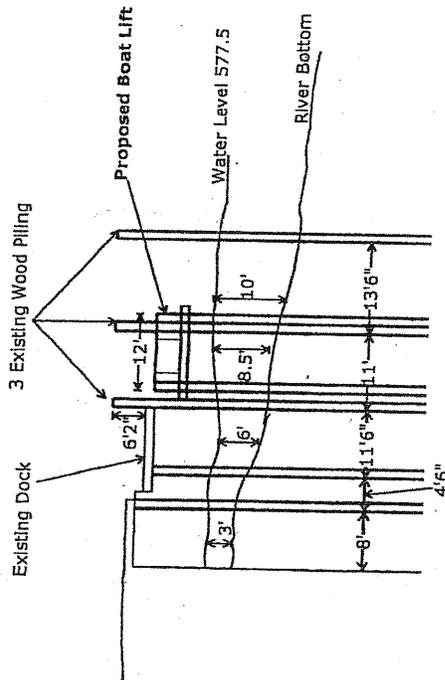
- 1.) ALL OWNERSHIP LINES ARE REFERENCED BY BEARINGS AND DISTANCES.
- 2.) ALL SPRING FILES ARE LIMITED COMMON ELEMENT.

LEGEND:

- GENERAL COMMON ELEMENT
- LIMITED COMMON ELEMENT
- LIMITS OF OWNERSHIP
- COORDINATE POINT
- FINGER PIER (LIMITED COMMON ELEMENT)
- ASSIGNED PARKING (LIMITED COMMON ELEMENT)

Side View

RECEIVED
MAR 08 2012
DNREWRD
PERMIT CONTROL DIVISION



File # DNRE-WRD 12-80-0015

APPROVED PLANS

Page 2 of 2

S J H J

Applicant: Norman and Kellie Siegel
Agent: D.K. Construction
County: Van Buren
Body of Water: Black River
Date: 02/24/2012



AGENCY USE	Previous USACE File Number	Date Received	DEQ File Number 12-80-0015-P
	USACE File Number		Fee received \$

Validate that all parts of this checklist are submitted with the application package. Fill out application and additional pages as needed.

- All items in Sections 1 through 9 are completed.
- Project-specific Sections 10 through 20 are completed.
- Dimensions, volumes, and calculations are provided for all impact areas.
- All information contained in the headings for the appropriate Sections (1-20) are addressed, and identified attachments (➔) are included.
- Map, site plan(s), cross sections; one set must be black and white on 8 1/2 by 11 inch paper; photographs.
- Application fee is attached.

1 Project Location Information For Latitude, Longitude, and TRS info anywhere in Michigan see www.mcgi.state.mi.us/wetlands/

Project Address (road, if no street address) <i>423 Williams Street</i>	Zip Code <i>49090</i>	Municipality (Township/Village/City) <i>South Haven</i>	County <i>Van Buren</i>
Property Tax Identification Number(s) <i>80-53-129-002-00</i>	Latitude _____ N	Township/Range/Section (TRS) T <i>15</i> N or S; R <i>17W</i> E or W;	
Subdivision/Plat and Lot Number	Longitude _____ W	Sec <i>3</i> OR Private Claim # _____	

2 Applicant and Agent Information

Owner/Applicant (individual or corporate name) <i>Norman and Kellie Siegel</i>	Agent/Contractor (firm name and contact person) <i>D.K. Construction, Inc.</i>
Mailing Address <i>550 North Kingsbury Unit R08</i>	Mailing Address <i>346 W. 015th Street</i>
City <i>Chicago</i> State <i>IL</i> Zip Code <i>60615</i>	City <i>Holland</i> State <i>MI</i> Zip Code <i>49423</i>
Contact Phone Number <i>312-609-7209</i>	Contact Phone Number <i>616-494-0970</i>
Fax <i>312-609-7209</i>	Fax <i>616-494-0980</i>
Email	E-mail <i>dkcons@sbcglobal.net</i>
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Is the applicant the sole owner of all property on which this project is to be constructed and all property involved or impacted by this project? ➔ If no, attach letter(s) of authorization from all property owners including the owner of the disposal site.	
Property Owner's Name (if different from applicant)	Mailing Address
Contact Phone Number	City State Zip Code

3 Project Description

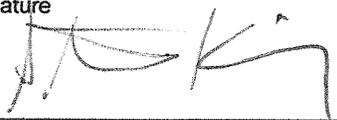
Project Name	Preapplication File Number - - -P
Name of Water body <i>Black River</i>	Date project staked/flagged
The proposed project is on, within, or involves (check all that apply)	
<input type="checkbox"/> an inland lake (5 acres or more) <input type="checkbox"/> a pond (less than 5 acres) <input checked="" type="checkbox"/> a stream, river, ditch or drain <input type="checkbox"/> a legally established County Drain Date Drain was established _____ <input type="checkbox"/> a channel/canal <input type="checkbox"/> 500 feet of an existing water body	<input type="checkbox"/> a Great Lake or Section 10 Waters <input type="checkbox"/> a wetland <input type="checkbox"/> a 100-year floodplain <input type="checkbox"/> a dam <input type="checkbox"/> a designated high risk erosion area <input type="checkbox"/> a designated critical dune area <input type="checkbox"/> a designated environmental area
Project Use	
<input checked="" type="checkbox"/> private <input type="checkbox"/> commercial <input type="checkbox"/> public/government <input type="checkbox"/> project is receiving federal/state transportation funds <input type="checkbox"/> Wetland Restoration <input type="checkbox"/> other	

Indicate the type of permit being applied for: General Permit Minor Project Individual (All other projects.) ➔ See Appendix C.

Written Summary of All Proposed Activities *Proposed work is to install a 12' X 12' permanent boat lift.*

Construction Sequence and Methods *Install pipe piling and set lift.*



4 Project Purpose, Use and Alternatives <i>Attach additional sheets as necessary.</i>					
Describe the purpose of the project and its intended use; include any new development or expansion of an existing land use. <i>The purpose of the proposed work is to store boat safely.</i>					
Describe the alternatives considered to avoid or minimize resource impacts. Include factors such as, but not limited to, alternative locations, project layout and design, and construction technologies. For utility crossings include alternative routes and construction methods. <i>No alternatives have been considered.</i>					
5 Locating Your Project Site <i>Attach a legible black and white map with a North arrow.</i>					
Names of roads of closest intersection <i>Phoenix and Taght Club</i>					
Directions from main intersection to the project site, with distances from the best and nearest visible landmark and water body <i>Enter Yaght Club and take an immediate right, got to the end at Old harbor in gate.</i>					
Description of buildings on the site (<i>color; 1 or 2 story, other</i>) <i>Old Harbor Inn</i>			Description of adjacent landmarks or buildings (<i>address; color; etc</i>)		
How can your site be identified if there is no visible address?					
6 Easements and Other Permits					
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Is there a conservation easement or other easement, deed restriction, lease, or other encumbrance upon the property? ⇒ If yes, attach a copy. Provide copies of court orders and legal lake levels if applicable.					
List all other federal, interstate, state, or local agency authorizations including required assurances for Critical Dune Area projects.					
Agency	Type of Approval	Number	Date Applied	Date approved /denied	Reason for denial
7 Compliance					
If a permit is issued, when will the activity begin? (M/D/Y) <i>06/01/2012</i>			Proposed completion date (M/D/Y) <i>09/01/2012</i>		
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Has any construction activity commenced or been completed in a regulated area? ⇒ If Yes, identify the portion(s) underway or completed on drawings or attach project specifications and give completion date(s).					
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Were the regulated activities conducted under a DEQ and/or USACE permit? ⇒ If Yes, list the permit numbers					
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Are you aware of any unresolved violations of environmental law or litigation involving the property? ⇒ If Yes, attach explanation.					
8 Adjacent Property Owners <i>Provide current mailing addresses. Attach additional sheets/labels for long lists.</i>					
<input type="checkbox"/> Established Lake Board	Contact Person	Mailing Address	City	State and Zip Code	
<input type="checkbox"/> Lake Association					
List all adjacents. If you own the adjacent lot, provide the requested information for the first adjacent parcel that is not owned by you.					
Property Owner's Name		Mailing Address	City	State and Zip Code	
<i>Todd Needham</i>		<i>59 Commerce Ave. S.W.</i>	<i>Grand Rapids</i>	<i>MI 49503</i>	
<i>Bob Sosnowski</i>		<i>2123 Appy Way</i>	<i>Allegan</i>	<i>MI 49010</i>	
9 Applicant's Certification <i>Read carefully before signing.</i>					
I am applying for a permit(s) to authorize the activities described herein. I certify that I am familiar with the information contained in this application; that it is true and accurate; and, to the best of my knowledge, that it is in compliance with the State Coastal Zone Management Program. I understand that there are penalties for submitting false information and that any permit issued pursuant to this application may be revoked if information on this application is untrue. I certify that I have the authority to undertake the activities proposed in this application. By signing this application, I agree to allow representatives of the DEQ, USACE, and/or their agents or contractors to enter upon said property in order to inspect the proposed activity site before and during construction and after the completion of the project. I understand that I must obtain all other necessary local, county, state, or federal permits and that the granting of other permits by local, county, state, or federal agencies does not release me from the requirements of obtaining the permit requested herein before commencing the activity. I understand that the payment of the application fee does not guarantee the issuance of a permit.					
<input type="checkbox"/> Property Owner	Printed Name	Signature	Date		
<input checked="" type="checkbox"/> Agent/Contractor	<i>Steve King</i>		<i>2-28-12</i>		
<input type="checkbox"/> Corp. or Public Agency / Title					



10 Projects Impacting Inland Lakes, Streams, Great Lakes, Wetlands or Floodplains			
<ul style="list-style-type: none"> • Complete only those sections A through M applicable to your project. • If your project impacts wetlands also complete Section 12. If your project impacts regulated floodplains also complete Section 13. • To calculate volume in cubic yards (cu yd), multiply the average length in feet (ft) times the average width (ft) times the average depth (ft) and divide by 27. Example: (25 ft long x 10 ft wide x 2 feet deep) / 27 = 18.5 cubic yards • Some projects on the Great Lakes require an application for conveyance prior to Joint Permit Application completeness. <ul style="list-style-type: none"> ➤ Provide a black and white overall site plan, with cross-section and profile drawings. Show existing lakes, streams, wetlands, and other water features; existing structures; and the location of all proposed structures, land change activities and soil erosion and sedimentation control measures. Review Appendix B and EZ Guides for aid in providing complete site-specific drawings. ➤ Provide tables for multiple impact areas or multiple activities such as multiple fill areas or multiple culverts. Include your calculations. 			
Water Level Elevation			
On inland waters <input type="checkbox"/> NGVD 29 <input type="checkbox"/> NAVD 88 <input type="checkbox"/> other		Observed water elevation (ft)	date of observation (M/D/Y)
On a Great Lake <input type="checkbox"/> IGLD 85 <input type="checkbox"/> surveyed <input type="checkbox"/> converted from observed still water elevation.			
<input type="checkbox"/> A. PROJECTS REQUIRING FILL (See All Sample Drawings)			
<ul style="list-style-type: none"> ➤ Attach a site plan and cross-section views to scale showing maximum and average fill dimensions with calculations. ➤ For multiple impact areas on a site provide a table with location, dimensions and volumes for each fill area. 			
Purpose <input type="checkbox"/> bioengineered shore protection <input type="checkbox"/> boat ramp <input type="checkbox"/> boat well <input type="checkbox"/> bridge or culvert <input type="checkbox"/> crib dock			
<input type="checkbox"/> riprap <input type="checkbox"/> seawall <input type="checkbox"/> swim area <input type="checkbox"/> other			
Dimensions of fill (ft)		Total volume (cubic yards)	Volume below OHWM (cubic yards)
Length	Width Maximum Depth		
Maximum water depth in fill area (ft)		Area filled (sq ft)	Will filter fabric be used under proposed fill? <input type="checkbox"/> No <input type="checkbox"/> Yes (If Yes, type)
Fill will extend feet into the water from the shoreline and upland feet out of the water.			
Type of clean fill <input type="checkbox"/> peastone % <input type="checkbox"/> sand % <input type="checkbox"/> gravel % <input type="checkbox"/> other			
Source of clean fill <input type="checkbox"/> commercial <input type="checkbox"/> on-site <input type="checkbox"/> other			
<ul style="list-style-type: none"> ➤ If on-site, show location on site plan. ➤ If other, attach description of location. 			
<input type="checkbox"/> B. PROJECTS REQUIRING DREDGING OR EXCAVATION (See Sample Drawings)			
<ul style="list-style-type: none"> • Refer to www.mi.gov/jointpermit for spoils disposal and authorization requirements. ➤ Attach a site plan and cross-section views to scale showing maximum and average dredge or excavation dimensions with calculations. ➤ For multiple impact areas on a site provide a table with location, dimensions and volumes for each dredge/excavation area. 			
Purpose <input type="checkbox"/> boat ramp <input type="checkbox"/> boat well <input type="checkbox"/> bridge or culvert <input type="checkbox"/> maintenance dredge			
<input type="checkbox"/> navigation <input type="checkbox"/> pond/basin <input type="checkbox"/> other			
Dimensions (ft)		Total volume (cu yds)	Volume below OHWM (cu yds)
Length	Width Maximum Depth		
Has this same area been previously dredged?		<input type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, provide date and permit number:
Will the previously dredged area be enlarged?		<input type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, when and how much?
Is long-term maintenance dredging planned?		<input type="checkbox"/> No <input type="checkbox"/> Yes	If Yes, how often?
Dredge or Excavation Method <input type="checkbox"/> Hydraulic <input type="checkbox"/> Mechanical <input type="checkbox"/> other			
Spoils Disposal	Dredged or excavated spoils will be placed <input type="checkbox"/> on-site <input type="checkbox"/> landfill <input type="checkbox"/> USACE confined disposal facility <input type="checkbox"/> other upland off-site		
	For disposal, provide a <input type="checkbox"/> Detailed spoils disposal area location map and site plan with property lines. <input type="checkbox"/> Letter of authorization from property owner of spoils disposal site, if disposed off-site.		
For volumes less than 5,000 cu yards, has proposed dredge material been tested for contaminants within the past 10 years? <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> If Yes, provide test results with a map of sampling locations.			
<input type="checkbox"/> C. PROJECTS REQUIRING RIPRAP (See Sample Drawings 2, 3, 8, 12, 14, 22, and 23)			
Riprap water ward of the ordinary high water mark: dimensions (ft) length width depth			Volume(cu yd)
Riprap landward of the ordinary high water mark: dimensions (ft) length width depth			Volume(cu yd)
Type and size of riprap (inches)		Will filter fabric or pea stone be used under proposed riprap?	
<input type="checkbox"/> field stone <input type="checkbox"/> angular rock <input type="checkbox"/> other		<input type="checkbox"/> No <input type="checkbox"/> Yes, Type	



<input type="checkbox"/> D. SHORE PROTECTION PROJECTS (See EZ Guides and Sample Drawings 2, 3, and 17. Complete Sections 10A, B, and/or C.)			
➤ For bioengineering projects include the list of native plants/seeds, if available.			
Type and length (ft) <input type="checkbox"/> bioengineering (ft) <input type="checkbox"/> revetment (ft) <input type="checkbox"/> riprap (ft) <input type="checkbox"/> seawall/bulkhead (ft)		Structure is <input type="checkbox"/> new <input type="checkbox"/> repair <input type="checkbox"/> replacement of an existing structure	
Proposed Toe Stone (linear feet)		Will the existing structure be removed? <input type="checkbox"/> No <input type="checkbox"/> Yes	
Distance of project from adjacent property lines (ft)			
Distance of project from an obvious fixed structure (example - 50 ft from SW corner of house)			
For bioengineering projects indicate the structure type <input type="checkbox"/> brush bundles <input type="checkbox"/> coir log <input type="checkbox"/> live stakes <input type="checkbox"/> tree revetment <input type="checkbox"/> other			
<input type="checkbox"/> E. DOCK - PIER – MOORING PILINGS (See Sample Drawing 10)			
➤ Attach a copy of the property legal description, mortgage survey, or a property boundary survey report.			
Dock Type <input type="checkbox"/> open pile <input type="checkbox"/> filled <input type="checkbox"/> crib <input type="checkbox"/> floating <input type="checkbox"/> cantilevered <input type="checkbox"/> spring piles <input type="checkbox"/> piling clusters <input type="checkbox"/> other			
Is the structure within the applicant's riparian area interest area? <input type="checkbox"/> No <input type="checkbox"/> Yes ➤ Show parcel property lines on the site plan.			
Proposed structure dimensions (ft) length width		Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial	
Dimensions of nearest adjacent structures (ft) length width		Distance of dock from adjacent property lines (ft)	
<input type="checkbox"/> F. BOAT WELL (See EZ Guide. Complete Sections 10A and 10B)			
Dimensions (ft) length width depth		Number of boats	
Type of sidewall stabilization <input type="checkbox"/> concrete <input type="checkbox"/> riprap <input type="checkbox"/> steel <input type="checkbox"/> vinyl <input type="checkbox"/> wood <input type="checkbox"/> other			
Volume of backfill behind sidewall stabilization (cu yd)		Distance of boat well from adjacent property lines (ft)	
<input type="checkbox"/> G. BOAT RAMP (See EZ Guide. Complete sections 10A, 10B, and 10C for mattress and pavement fill, dredge, and riprap)			
Type <input type="checkbox"/> new <input type="checkbox"/> existing <input type="checkbox"/> maintenance/improvement		Use <input type="checkbox"/> private <input type="checkbox"/> public <input type="checkbox"/> commercial	
Existing overall boat ramp dimensions (ft) length width depth		Type of construction material <input type="checkbox"/> concrete <input type="checkbox"/> wood <input type="checkbox"/> stone <input type="checkbox"/> other	
Proposed overall ramp dimensions (ft) length width depth		Proposed ramp dimensions (ft) below ordinary high water mark length width depth	
Number of proposed skid piers	Proposed skid pier dimensions (ft) length width		Distance of ramp from adjacent property lines (ft)
<input checked="" type="checkbox"/> H. BOAT HOIST – ROOFS (See EZ Guide)			
Type <input checked="" type="checkbox"/> cradle <input type="checkbox"/> side lifter <input type="checkbox"/> other		Located on <input type="checkbox"/> seawall <input checked="" type="checkbox"/> dock <input type="checkbox"/> bottomlands	
Hoist dimensions, including catwalks (ft) length 12' width 12'			
Area occupied, including cat walks (sq ft) 144 sq ft		Distance of hoist from adjacent property lines (ft) 0	
Permanent Roof <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes ➤ If Yes, how is the roof supported?		Maximum Roof Dimensions (ft): length width height	
<input type="checkbox"/> I. BOARDWALKS and DECKS in WETLANDS or FLOODPLAINS (See Sample Drawings 5 and 6. Complete Sections 12 and/or 13)			
➤ Provide a table for multiple boardwalks and decks proposed in one project; include locations and dimensions.			
Wetlands		Floodplains	
Boardwalk <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Deck <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Boardwalk <input type="checkbox"/> on pilings <input type="checkbox"/> on fill	Deck <input type="checkbox"/> on pilings <input type="checkbox"/> on fill
Dimensions (ft) length width	Dimensions (ft) length width	Dimensions (ft) length width	Dimensions (ft) length width
<input type="checkbox"/> J. INTAKE PIPES (See Sample Drawing 16) or OUTLET PIPES (See Sample Drawing 22)			
If outlet pipe, discharge is to <input type="checkbox"/> inland lake <input type="checkbox"/> stream, drain or river <input type="checkbox"/> overland flow <input type="checkbox"/> Great Lake <input type="checkbox"/> wetland <input type="checkbox"/> other			
Number of pipes	Pipe diameters and invert elevations	Does pipe discharge below the OHWM? <input type="checkbox"/> No <input type="checkbox"/> Yes	Is the water treated before discharge? <input type="checkbox"/> No <input type="checkbox"/> Yes
Type <input type="checkbox"/> headwall <input type="checkbox"/> end section <input type="checkbox"/> other		Dimensions of headwall OR end section (ft) length width height	

D.K. CONSTRUCTION, INC.
DOCKS SEAWALLS PILEDIVING
DREDGING WELDING REPAIRS
 346 WEST 15TH STREET- HOLLAND, MI 49423
 PH-616-494-0970 FAX-616-494-0980

I authorize D.K. Construction, Inc. to act as my agent in obtaining the necessary permits with the Department of Environmental Quality and the Army Corps of Engineers on my proposed project (*Required information for processing *)

* Property owner name/telephone # Norman + Kellie Siegel 312-609-7209
 Date: 2/24/2012 * Property owner signature *Norman Siegel* Print Kellie Siegel Phone #
 * 423 Williams Street Unit 2 South Haven MI 49090
Project Address City State Zip
 *Mailing Address: (if different) 550 North Kingsbury Unit K08 Chicago IL 60654
 Email Address: norman.siegel & garclays wealth.com
 *Property tax identification #: 80-53-129-002-00

Please fill out the following information to assist the DEQ in finding your location.

Is there an access road to the project? yes no private public

Name of roads at closest main intersection Phoenix and Yacht Club

Directions from main intersection Enter Yacht Club + Take immediately right / go to end at Old Harbor in G.S.C.

Style of house or building on site ranch 2story cape cod bi-level

cottage pole barn other (describe) Old Harbor Inn

Color _____ Color of adjacent property houses and/or buildings _____

House number _____ Address is visible house garage mailbox other

Street name _____ Fire lane _____ Lot number _____

Describe the best and nearest visible landmark to the project site _____

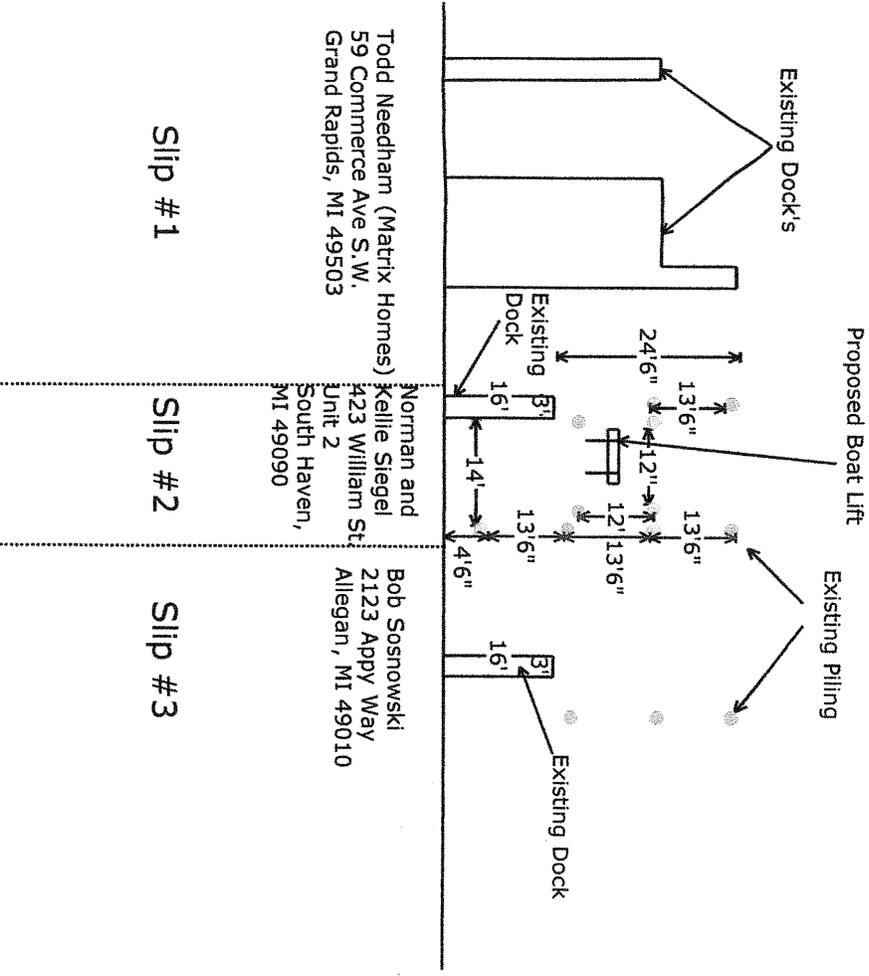
Behind Old Harbor Inn / next to Teller

*Please complete the following information for all adjacent property owners.

Property owners name	Address	City	State	Zip
<u>Todd Needham</u>	<u>Matrix Homes</u>	<u>59 Commerce Ave</u>	<u>South West</u>	<u>Grand MI Rapids 49503</u>
<u>Bob Sosnowski</u>	<u>2123 Appy Way</u>	<u>Allegan</u>	<u>MI</u>	<u>49010</u>

Black River

Top View



Applicant: Norman and Kellie Siegel
 Agent: D.K. Construction
 County: Van Buren
 Body of Water: Black River
 Date: 02/24/2012

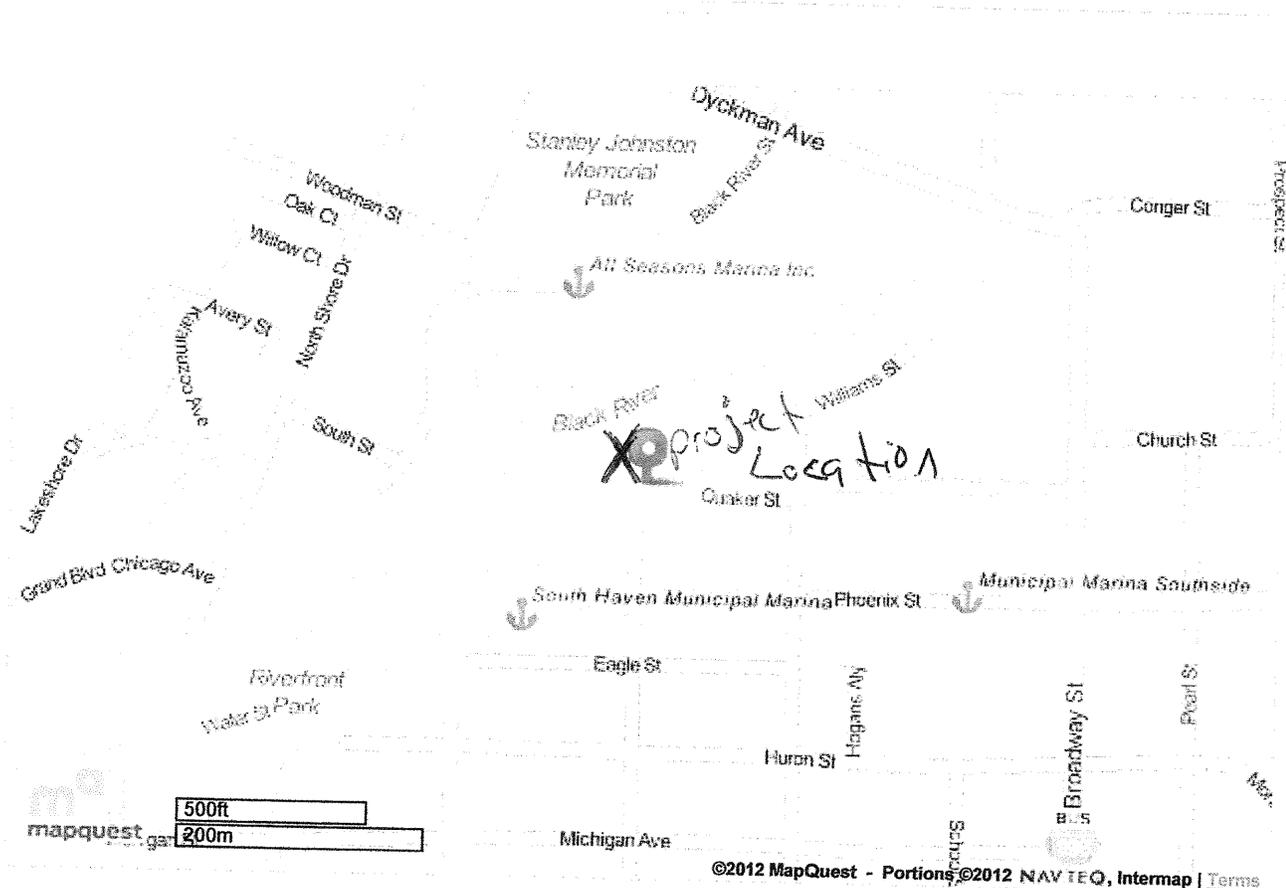


Map of:
423 Williams St Unit 2
South Haven, MI 49090-2514

Notes

Project Location:

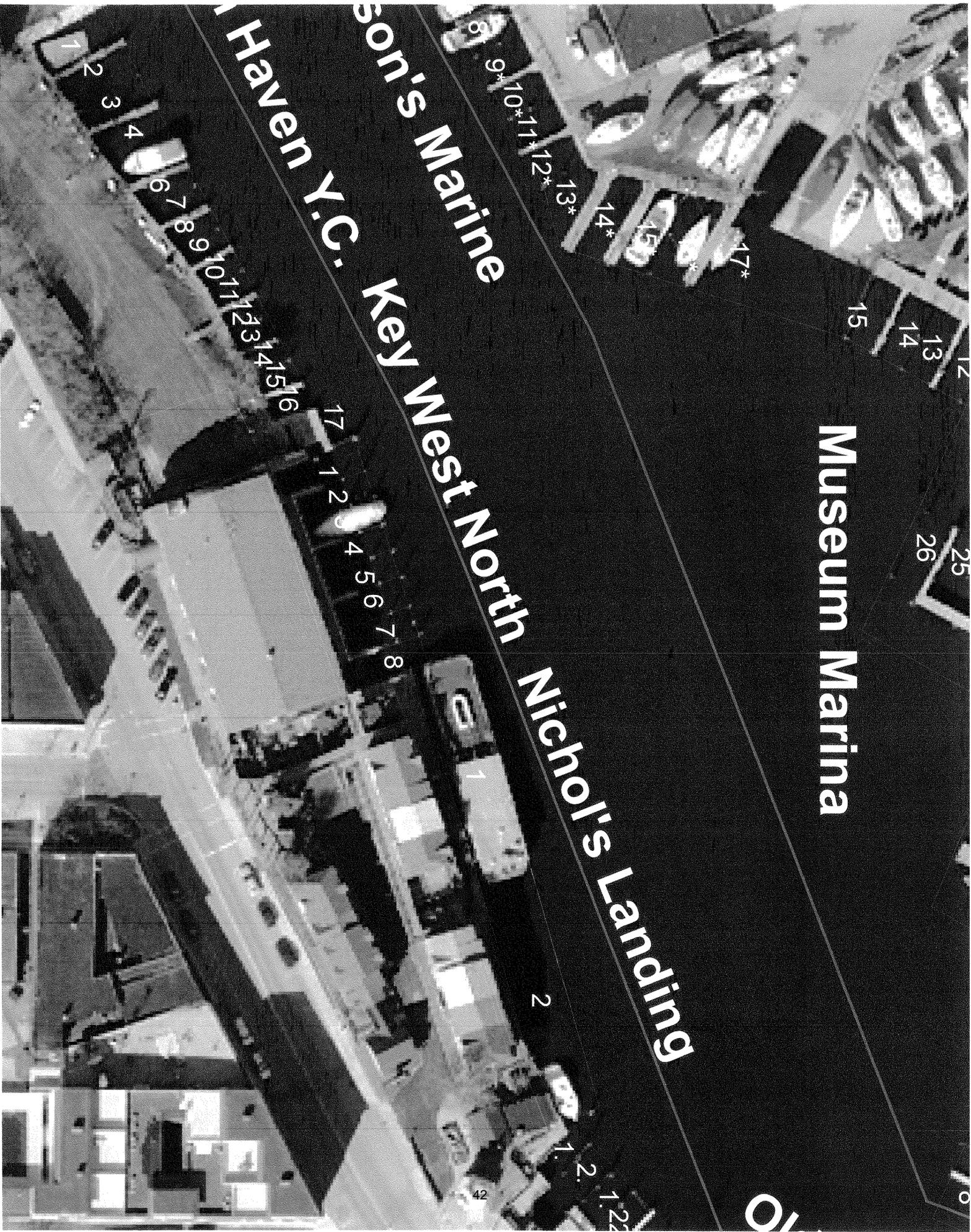
Norman and Kellie Siegel
423 William Street, Unit 2
South Haven, MI 49090



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Museum Marina



Haven Y.C.
son's Marine
West North

Nichol's Landing

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City of South Haven

Dept. of Public Works

DPW Building • 1199 8th Ave. • South Haven, Michigan 49090
Telephone (269) 637-0737 • Fax (269) 637-4778

MEMORANDUM

To: Paul Vandebosch, Harbor Master
Brian Dissette, City Manager
Roger Huff, DPW Director

From: Larry Halberstadt, PE, City Engineer

Date: June 18, 2012

RE: Bascule Bridge, Harbor Commission Requests

At the May 15 meeting of the Harbor Commission, requests were made to have the Public Works Department install improvements at the Dyckman Avenue Bascule Bridge. Specifically, the Public Works Department was requested to install video monitoring systems to permit better channel visibility for the bridge operator and to install warning lights to alert boat owners that the bridge is closing.

In 2011, the Engineering Department completed a three year effort to secure state and federal funding for bascule bridge improvements. Funding is being made available for construction to begin in the State's 2013 fiscal year which begins on October 1, 2012. We are currently working with Hardesty & Hanover, LLP on developing the construction documents and complying with preliminary grant submittal requirements. Construction is anticipated to begin in late fall/early winter after the seasonal navigation closure.

As part of the grant submittal process, funds were requested for installation of a video monitoring system. The proposed system will provide closed circuit cameras to monitor boat traffic on the river and the operating machinery on the bridge. We intend to proceed with installation of the video monitoring system with the bridge rehabilitation project. Because of the extensive work that is required to revamp the hydraulic and electric systems, it is not feasible to install the full video monitoring system at this time. The rehabilitation project will include new submarine cables below the river that will have additional conductors and signal wires as needed for the video system.

Funds were also requested to replace the traffic signals and gates on the bridge. Installing closing warning lights could be incorporated into the design for this system. Due to the complexity of the bridge control systems, it is recommended that Hardesty & Hanover be given the opportunity to review the Harbor Commission's request and determine the best method for incorporating the closing warning lights into the control system upgrades that will be implemented with the overall bridge rehabilitation project. Any improvements that are made prior to the rehabilitation project could potentially need to be discarded and replaced during rehabilitation. Because grant and matching funds are limited, it does not make a lot of sense to perform this work twice.

We thank the Harbor Commission for their recommendations. We should be able to have the requested improvements ready for the 2013 navigation season.

Paul Vandenbosch

From: O'Bryan, Thomas W LRE <Thomas.W.O'Bryan@usace.army.mil>
Sent: Wednesday, May 16, 2012 12:49 PM
To: Paul Vandenbosch
Subject: RE: South Haven sheet 2 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

yes

Tom O'Bryan
616-842-5510 ext 25523
Cell 616-340-5795

-----Original Message-----

From: Paul Vandenbosch [<mailto:pvandenbosch@south-haven.com>]
Sent: Wednesday, May 16, 2012 11:29 AM
To: O'Bryan, Thomas W LRE
Subject: RE: South Haven sheet 2 (UNCLASSIFIED)

Tom;

Is the expedited dredging permit application the same as the normal dredging permit application?

Paul VandenBosch
Project Manager
City of South Haven
539 Phoenix Street
South Haven, MI 49090
269-637-0775 desk
269-637-5319 fax
pvandenbosch@south-haven.com

-----Original Message-----

From: O'Bryan, Thomas W LRE [<mailto:Thomas.W.O'Bryan@usace.army.mil>]
Sent: Wednesday, May 16, 2012 9:17 AM
To: Paul Vandenbosch
Cc: Wright, David L LRE; Rose, Steven S LRE; Schropp, Chris C LRE; Bouwhuis, Brian J LRE; Mahoney, Maureen H. (Mollie) LRE
Subject: RE: South Haven sheet 2 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

The only option that I am aware of would be to apply for a dredging permit from the USACE and the State of Michigan and perform the dredging with your own resources. We have expedited permits for other communities to dredge the federal channel so if this is the route that you decide to take the sooner the better for applying for a permit.

The USACE does not have funding for the dredging at South Haven Harbor this year or any year in the near future as we many priorities across the country that compete for the federal tax dollars and in the Great Lakes region we only currently receive minimal funds for the commercial ports let alone shallow draft harbors like South Haven

Feel free to contact me for any further assistance.

Tom O'Bryan
616-842-5510 ext 25523
Cell 616-340-5795

-----Original Message-----

From: Paul Vandenbosch [<mailto:pvandenbosch@south-haven.com>]
Sent: Wednesday, May 16, 2012 9:00 AM
To: O'Bryan, Thomas W LRE
Subject: RE: South Haven sheet 2 (UNCLASSIFIED)

Tom;

At last night's Harbor Commission meeting, we reviewed the soundings and have a concern about the shoal area just outside of the pierheads, where the soundings are identified at roughly 10.6 feet.

Our tall ship, the Friends Goodwill draws 9 feet, and we expect a number of sailboats to arrive during the Queen's Cup race which would be affected by a 10 foot depth.

Are there any options to remove this shoal area prior to the June 29 Queens Cup race?

Thanks

Paul VandenBosch
Project Manager
City of South Haven
539 Phoenix Street
South Haven, MI 49090
269-637-0775 desk
269-637-5319 fax
pvandenbosch@south-haven.com

-----Original Message-----

From: O'Bryan, Thomas W LRE [<mailto:Thomas.W.O'Bryan@usace.army.mil>]
Sent: Tuesday, May 15, 2012 9:36 AM
To: Robin Abshire; Paul Vandenbosch
Cc: Wright, David L LRE; Mahoney, Maureen H. (Mollie) LRE; Rose, Steven S LRE; Schropp, Chris C LRE; Bouwhuis, Brian J LRE
Subject: FW: South Haven sheet 2 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Here is the condition survey for sheet 2 in South Haven. Let me know if you need anything more.

Tom O'Bryan
616-842-5510 ext 25523
Cell 616-340-5795

-----Original Message-----

From: Schmidt, Eric D LRE
Sent: Tuesday, May 15, 2012 9:09 AM
To: Greene, Ron D LRE; Drum, Kenneth C LRE
Cc: Roznowski, Anthony P LRE; Holly, Donald D LRE; O'Donoghue, William J LRE; Mahoney, Maureen H. (Mollie) LRE; Rose, Steven S LRE; Wright, David L LRE; Kempisty, Bill J LRE; O'Bryan, Thomas W LRE; Schropp, Chris C LRE; Creeden, Thomas A LRE
Subject: South Haven sheet 2 (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Attached is the condition survey for South Haven harbor sheet 2 conducted on May 8th 2012. PDF print was converted from .dgn file per Don Holly request.

v/r
Eric Schmidt

Civil Engineer Technician
Army Corps of Engineers
Lake Michigan Area Office
307 S Harbor Dr
Grand Haven, MI 49417
(616) 842-5510 ext. 25528

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

Classification: UNCLASSIFIED
Caveats: NONE

analysis using U.S. Standard sieve numbers 10, 40, 100, and 200 to determine the percentage of both sandy and fine material in order to determine whether additional laboratory analysis for other parameters will be necessary. Should sieve analysis indicate that less than 95% of the materials are retained on the Number 200 sieve (less than 95% sand), additional laboratory analysis will be conducted in accordance with Rule 118 of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act (NREPA), P.A. 451 of 1994 as amended. These additional sample parameters consist of metals analysis for arsenic, barium, cadmium, chromium, copper, lead, manganese, mercury, nickel, selenium, silver, and zinc. In addition, laboratory analysis will also be required for polynuclear aromatic compounds (PNAs) and polychlorinated biphenyls (PCBs).

Typically, Rule 118 requires that sediment samples be subjected to both totals concentrations and leachable concentrations utilizing either the Toxicity Characteristic Leachate Procedure (TCLP) or the Synthetic Precipitation Leaching Procedure (SPLP). Due to its less aggressive pH in the procedure, it is recommended that any samples requiring leachate testing be subjected to the SPLP rather than the TCLP. For budgeting purposes, the expense for analyzing all six samples for both totals concentrations and SPLP have been included in the cost for each dredge area.

Upon receipt of final laboratory results, a brief letter report will include a discussion of sediment sampling methodology and laboratory analytical results, a physical description of sediments collected, a sample location map, tabulation of all laboratory data with a comparison to established MDEQ cleanup criteria, and finally laboratory results.

The project cost presented below reflects those charges attributed to coordination, field equipment and supplies, sediment sampling, laboratory analysis, sediment testing document preparation, permit preparation and filing. It is fully expected that the scope of work described herein can be accomplished for the time and materials cost. Only those costs actually incurred will be charged. However, project costs will not exceed the amounts indicated without your prior approval.

Segment #1 - Dyckman Avenue to Upstream City Limits

Sediment Testing

Project Planning/Coordination, Equipment and Supplies, Sediment Sampling, Data Tabulation, and Report Preparation:.....	\$2,550
Laboratory Analysis of Six Sediment Samples:.....	\$5,100

USACE / MDEQ JPA Preparation

Project Coordination, Drawing Preparation, Completion of Permit Application, and Filing:.....	\$3,500
--	---------



Segment #1 Not to Exceed Cost: \$11,150

Accepted By: _____ (Signature) _____
(Printed Name) Date

Segment #2 – Northside & Southside Municipal Marinas

Sediment Testing

Project Planning/Coordination, Equipment and Supplies,
Sediment Sampling, Data Tabulation, and Report Preparation:.....\$2,550
Laboratory Analysis of Six Sediment Samples:.....\$5,100

USACE / MDEQ JPA Preparation

Project Coordination, Drawing Preparation, Completion of
Permit Application, and Filing:.....\$3,000

Segment #2 Not to Exceed Cost: \$10,650

Accepted By: _____ (Signature) _____
(Printed Name) Date

Segment #3 – Dyckman Avenue Downstream to Pier Heads

Note: This area is currently dredged by the US Army Corps of Engineers with federal dollars through the Harbor Maintenance Fund. It is our understanding that this funding source is severely depleted and may not be available in the near future for non-commercial waterways like the Black River. Applying for a 5-year maintenance dredging permit in this stretch of the river may lessen the chance of the USACE committing funding to this area, if funding becomes available in the future.

Sediment Testing

Project Planning/Coordination, Equipment and Supplies,
Sediment Sampling, Data Tabulation, and Report Preparation:.....\$2,850
Laboratory Analysis of Six Sediment Samples:.....\$5,100



