

**NOTICE
VILLAGE OF GRAND BEACH
REGULAR COUNCIL MEETING**

**WEDNESDAY, OCTOBER 19, 2022
6:00 P.M. (CST) – 7:00 P.M. (EST)**

**GRAND BEACH VILLAGE HALL
48200 PERKINS BLVD.
GRAND BEACH, MI 49117**

**MASKS ARE SUGGESTED AT THIS MEETING
FOR EVERYONE IN ATTENDANCE**

This meeting will be held in person. It is a hybrid meeting with an option for the public to attend via Zoom by using the following link:

Join Zoom Meeting

<https://us02web.zoom.us/j/86314351459?pwd=ZE1iS3EweWZQM1VSShc4QTZDZ0Y4dz09>

Meeting ID: 863 1435 1459

Passcode: 614174

One tap mobile

+13126266799,,86314351459#,,,,*614174# US (Chicago)

Dial In:

877 853 5257 US Toll-free

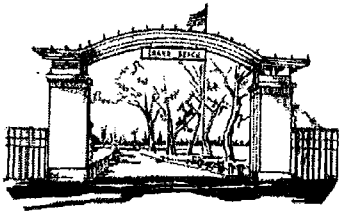
888 475 4499 US Toll-free

833 548 0276 US Toll-free

Public participation is allowed at the beginning of the agenda to speak on agenda items only, and near the end of the meeting as noted on the agenda.

This notice is posted in compliance with the Open Meetings Act, Public Act 267 of 1976, as amended, (MCL 41.72a(2)(3)) and the Americans with Disabilities Act. The Village of Grand Beach Council will provide necessary reasonable auxiliary aids and services to individuals with disabilities at the meeting upon five days' notice to the Village of Grand Beach Council. Individuals with disabilities requiring auxiliary aids or services should contact the Village of Grand Beach Council by writing or calling the following: Village of Grand Beach Clerk, 48200 Perkins Boulevard, Grand Beach, MI, 49117, 269-469-3141.

**MARY J. ROBERTSON
CLERK – TREASURER
(269) 469-3141**



Village of Grand Beach
48200 Perkins Blvd.
Grand Beach, MI 49117

**AGENDA FOR REGULAR COUNCIL MEETING
OCTOBER 19, 2022
6:00 P.M. CST - 7:00 P.M. EST**

MASKS ARE SUGGESTED FOR EVERYONE IN ATTENDANCE

1. Call to Order
2. Adoption of Agenda
3. Consent Agenda
 - a. Approve Village Council Minutes:
 - i. Regular Council Meeting Minutes – September 21, 2022
 - b. Hall Rental Requests –
 - i. Grand Beach Social Club (Bingo) – November 25, 2022
 - c. Pay Bills with Written Additions
4. Public Comments on Agenda Items
5. Public Hearing
6. Presentations/Recognition
 - a. Letters of Appreciation to Deborah Lindley and Paul Leonard Jr.
7. Commission Reports
 - a. Building & Zoning - James Bracewell
 - b. Parks & Beaches - Peter Doerr
 - c. Streets & Water - Paul Leonard Jr.
 - d. Police - Deborah Lindley
 - e. Pro Shop & Course - Blake O'Halloran

 - f. ServiScape Report - Clay Putnam
8. Personnel Reports
 - a. Superintendent - Bob Dabbs
 - b. Police Chief - Ryan Layman
 - c. Building Inspector - Bill Lambert

AGENDA (CONTINUED)
REGULAR COUNCIL MEETING
OCTOBER 19, 2022

9. Unfinished Business

10. New Business

- a. Employee Pay Increases
- b. MERS Multiplier
- c. BS&A Software Proposal
- d. Police Car for Water Department
- e. Ice Cream Dipping Cabinet Can Holders & Covers
- f. Golfmore Estates Land Donation
- g. Jensen Court Survey
- h. Request to Purchase a Portion of Jensen Court
- i. Hire Assistant Building Inspector
- j. Stormwater Management Program
- k. Planning Commission Annual Report
- l. Transfer Local Revenue Sharing Funds to Capital Projects Fund
- m. Transfer Funds to Capital Projects Fund per FY 2021-2022 Budget
- n. Budget Amendments
 - 1. General Fund 2021-2022
 - 2. Water Fund 2021-2022
 - 3. Golf Fund 2021-2022
 - 4. Major Street Fund 2021-2022
 - 5. Local Street Fund 2021-2022
 - 6. Building Fund 2021-2022
 - 7. Capital Projects Fund 2021-2022
- o. Budget Amendments for BS&A Software
 - 1. Water Fund 2022-2023
 - 2. Golf Fund 2022-2023
 - 3. Building Fund 2022-2023

Public Comments - General

11. Correspondence

- a. Richard Lindblade – Building Permit on SkyHi
- b. Petition to Hire Village Manager

12. Adjournment

**VILLAGE OF GRAND BEACH
REGULAR COUNCIL MEETING
SEPTEMBER 21, 2022**

CALL TO ORDER

Council President James Bracewell called the regular council meeting to order at 7:01 p.m. EST. Present in addition to Bracewell were Peter Doerr, Paul Leonard Jr., and Blake O'Halloran. Deborah Lindley was not in attendance.

ADOPT AGENDA

Bracewell moved, seconded by O'Halloran to adopt the September 21, 2022 agenda as presented. Motion carried unanimously 4-0.

APPROVE MINUTES

Regular Council Meeting Minutes – August 17, 2022

Special Council Meeting Minutes – August 31, 2022

Bracewell moved, seconded by Doerr to approve the Regular Council Meeting minutes of August 17, 2022 and the Special Council Meeting minutes of August 31, 2022. Motion carried unanimously 4-0.

HALL RENTAL REQUEST - Yvette Brandes (Winter Warriors)

Leonard moved, seconded by O'Halloran to approve the hall rental request for Yvette Brandes as presented. Motion carried unanimously 4-0.

PAY BILLS

Bracewell moved, seconded by Leonard to approve the payment of bills with written additions as presented. Motion carried unanimously 4-0.

PUBLIC COMMENTS ON AGENDA ITEMS

Paul Jancha introduced himself and said he is running for Berrien County District Court Judge in the November election. He said Judge Dennis Wiley is retiring. He said he is a lifetime resident of Berrien County. Jancha said he is Berrien County's Chief Public Defender and has held that position since March of 2020.

PUBLIC HEARING

None

PRESENTATIONS/RECOGNITION

None

COMMISSION REPORTS

BUILDING & ZONING: Bracewell said that building is on the rise and will continue with 21 homes in the process of construction now. He said there is a 6-8 week wait for windows.

PARKS & BEACHES: Doerr said that the Village put in an indemnification process and is protected if something happens on the project that Arie Donkersloot is working on from the Village's beach access. He said they plan to hold a Parks & Recreation Committee meeting in November.

STREETS & WATER: Leonard said the normal fall activities are taking place, and Bob Dabbs has been taking water samples.

POLICE: Lindley was not in attendance.

Regular Council Meeting – September 21, 2022

PRO SHOP & COURSE: O'Halloran said August was a very good month, even better than August of 2020 and 2021. He said the mild weather was perfect for golf. He told Council members that people have been playing twilight golf (after 7:00 p.m.) and paying the ranger \$8, and he does not want to put the rangers in the situation of collecting cash from golfers so he would like to work out a season pass for twilight golf (after 7:00 p.m.) and suggested a fee of \$100. He will bring his suggestion back to the Council before the next golf season begins.

SERVISCAPE REPORT

Clay Putnam said seasonal maintenance is ongoing. He said the large oak tree that was rotting on #5 has been removed. He said they replaced five irrigation breaks in August and have had to have two satellite controllers replaced after a lightning strike.

PERSONNEL REPORTS

SUPERINTENDENT: In addition to his written report, Superintendent Bob Dabbs said they have completed three water taps. He said they installed a drywell on Lake View Avenue and will install one on Grand Beach Road where water sits.

POLICE CHIEF: In addition to his written report, Chief Ryan Layman said there were 46 complaints in August and nothing out of the ordinary happened over Labor Day.

BUILDING INSPECTOR: Bill Lambert was not in attendance.

UNFINISHED BUSINESS

NEW BUSINESS

APPOINT POLICE CHIEF RYAN LAYMAN AS SHORT-TERM RENTAL CODE ENFORCEMENT OFFICIAL

Bracewell moved, seconded by Leonard to appoint Police Chief Ryan Layman as the Short-Term Rental Code Enforcement Official. Motion carried unanimously 4-0.

SET FEES FOR SHORT-TERM RENTAL CODE ENFORCEMENT OFFICIAL

Bracewell moved, seconded by Leonard to pay the Short-Term Rental Code Enforcement Official \$200 for the inspection of each short-term rental property and \$150 per hour for billable court time. Motion carried unanimously 4-0.

SHORT-TERM RENTAL PROCESS – CHIEF RYAN LAYMAN

Chief Ryan Layman gave a slide presentation about the short-term rental process with the new short-term rental ordinance going into effect on January 1, 2023.

HIRE ADDITIONAL EMPLOYEE FOR MAINTENANCE DEPARTMENT

Bracewell said that there are 21 homes being built, and an incredible increase in demand for Village services. He said the Village is having the maintenance department do more and more work without outsourcing projects. Bob Dabbs said that there is a lot to do in the Village, and they will now be maintaining the 42 Acres (Nature Preserve). He said the pro shop and hall need a lot of work. He said he has found someone who will be a good fit for the Village. Dabbs stated that they will need an additional vehicle which could be the old police car, but he would rather have a pick-up truck, even if it is used.

Leonard moved, seconded by Bracewell for the Village to hire an additional full-time employee for the maintenance department at \$21.00 per hour with benefits. Motion carried unanimously 4-0.

INCREASE TRASH AND RECYCLE CHARGES ON UTILITY BILLINGS

Leonard moved, seconded by Doerr for the Village to pass through to residents any cost increases that the Village receives for water and trash and recycling. Motion carried unanimously 4-0.

PUBLIC COMMENTS – GENERAL

Richard Lindblade addressed the Council regarding construction of a home on SkyHi Road. He had several concerns with the plans, the location of the project on a fragile dune, and concern of construction of a bridge to the property from SkyHi causing the closure of SkyHi. Bracewell asked him to put this in writing and forward it to the clerk who will send it to the Council members.

David Nellans introduced himself to the Council and said that they bought their house on SkyHi and have enjoyed the community so far. He said he just got off of the town council in Munster, Indiana after 20 years and he appreciates what the Grand Beach Village Council does.

Michelle Hannon introduced herself and said that she is running for Berrien County Commissioner in the upcoming election. She said her main focus is workforce housing for teachers, police officers, firemen and service workers. She said that transportation is also very important to her.

CORRESPONDENCE

HARRY WALDER – SPECIAL MEETING NOTICES

Bracewell said the Council received two letters from Harry Walder. Bracewell said that the Council held two special meetings recently and the topics on the agenda were discussed at previous meetings.

HARRY WALDER – SHORT-TERM RENTAL ORDINANCE

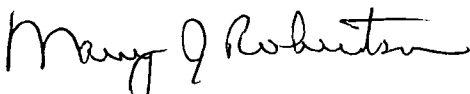
Bracewell said the second letter from Harry Walder said that various participants of the “meet & greet” for those running for Council didn’t know anything about the short-term rental process. Bracewell said it has been discussed at various meetings of the Planning Commission and Council. Leonard said that the meetings are noticed ahead of time and the minutes are on the website. He said that residents have to take on responsibility to find out what is going on.

ADJOURNMENT

Bracewell moved, seconded by O’Halloran to adjourn the meeting. Motion carried unanimously 4-0.

With no further business, the meeting was adjourned at 8:35 p.m. EST.

Respectfully submitted,



Mary J. Robertson
Clerk-Treasurer

10:42 AM

10/14/22

Village of Grand Beach-General Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
AALF'S PETROLEUM INC.					
Bill	09/13/2022	53349		000.111 · Gasoline Invent...	671.23
Bill	09/13/2022			000.111 · Gasoline Invent...	692.91
Bill	09/27/2022	53399		000.111 · Gasoline Invent...	469.58
Total AALF'S PETROLEUM INC.					1,833.72
ARAMARK UNIFORM SERVICES					
Bill	09/16/2022	6310064...	Mats	265.956 · Miscellaneous	29.02
Total ARAMARK UNIFORM SERVICES					29.02
COWLES ENVIRONMENTAL					
Bill	10/01/2022	362	STORM WATER ASSISTANCE &...	-SPLIT-	1,060.03
Total COWLES ENVIRONMENTAL					1,060.03
DALE POWELL					
Bill	10/09/2022		TELEPHONE ALLOWANCE	266.850 · Telephone & Int...	50.00
Total DALE POWELL					50.00
FIFTH THIRD BANK MASTERCARD					
Bill	10/03/2022		MAILCHIMP	300.727 · Office Supplies ...	23.00
Total FIFTH THIRD BANK MASTERCARD					23.00
JAYSON POWELL					
Bill	10/09/2022		TELEPHONE REIMBURSEMENT	266.850 · Telephone & Int...	50.00
Total JAYSON POWELL					50.00
KIESLER'S POLICE SUPPLY, INC.					
Bill	10/04/2022	SL103082	9 MM PISTOLS	300.776 · Police - Equip. ...	310.50
Total KIESLER'S POLICE SUPPLY, INC.					310.50
LAND INFORMATION ACCESS ASSOCIATION					
Bill	09/27/2022	7659	ANNUAL HOSTING 10/1/22-9/30-...	105.818 · Council - Contr...	494.99
Total LAND INFORMATION ACCESS ASSOCIATION					494.99
LEXIPOL LLC					
Bill	10/01/2022	LEX12553	MANUALS 11/1/22-10/31/23	300.801 · Police - Legal	2,100.00
Total LEXIPOL LLC					2,100.00
LOWE'S					
Credit	10/02/2022		CREDIT FOR OVERPAYMENT E...	691.956 · Miscellaneous	-74.34
Bill	09/21/2022	S0195C...	WATER HEATER FOR HALL	265.778 · Repair and Mai...	396.04
Total LOWE'S					321.70
MCKENNA ASSOCIATES INC.					
Bill	03/21/2022	21919-13	FINAL PAYMENT - GRANT CLO...	691.818 · Contractual Ser...	75.00
Total MCKENNA ASSOCIATES INC.					75.00

10:42 AM

10/14/22

Village of Grand Beach-General Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
METLIFE - GROUP BENEFITS					
Bill	10/09/2022		TS05945291 0001	855.855 · Life & Disability ...	605.80
Total METLIFE - GROUP BENEFITS					605.80
MIDWEST SECURITY SYSTEMS					
Bill	09/25/2022	228776	REPLACED SMOKE DETERCTO...	265.818 · Contractual Ser...	144.00
Total MIDWEST SECURITY SYSTEMS					144.00
NAPA AUTO PARTS					
Credit	08/09/2022	455829	FILTER	266.778 · Repairs & Maint...	-94.99
Bill	08/18/2022	456316	FILTERS	266.778 · Repairs & Maint...	18.52
Bill	09/28/2022	458142	WIPER BLADES, GLOVES, SILI...	266.778 · Repairs & Maint...	133.95
Total NAPA AUTO PARTS					57.48
NEW BUFFALO HARDWARE					
Bill	09/02/2022	A261526	LIGHT BULB FOR HALL	265.778 · Repair and Mai...	30.99
Bill	09/21/2022	A264077	TIRE CLEANER, SHARPIES	266.778 · Repairs & Maint...	20.96
Bill	09/26/2022	A264825	SCREWS FOR PARK BENCHES ...	691.778 · Repair and Mai...	12.03
Total NEW BUFFALO HARDWARE					63.98
PRIORITY HEALTH					
Bill	10/09/2022		GROUP ID 795207	852.852 · Hospitalization	9,143.76
Total PRIORITY HEALTH					9,143.76
QUILL					
Bill	09/06/2022	27507170	ADDING MACHINE TAPE, SEALS	215.727 · Office Supply	13.82
Total QUILL					13.82
REPUBLIC SERVICES					
Bill	09/30/2022		3-0715-1003848 SEPTEMBER B...	520.818 · Contractual Ser...	9,268.40
Total REPUBLIC SERVICES					9,268.40
RIGGS OUTDOOR POWER-LAPORTE					
Bill	10/05/2022	1285549	PARTS	266.778 · Repairs & Maint...	145.93
Total RIGGS OUTDOOR POWER-LAPORTE					145.93
SHAFFNER TIRE SERVICE INC					
Bill	10/05/2022	10052	TIRE	266.778 · Repairs & Maint...	134.73
Total SHAFFNER TIRE SERVICE INC					134.73
SIGN DIVISION					
Bill	10/07/2022	1345	6 SIGNS PET WASTE RE: STOR...	105.956 · Miscellaneous	420.00
Total SIGN DIVISION					420.00

10:42 AM

10/14/22

Village of Grand Beach-General Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
VILLAGE OF GRAND BEACH WATER DEPT.					
Bill	10/05/2022		HALL	265.920 · Utilities	115.75
Bill	10/05/2022		GARAGE	266.920 · Utilities	84.50
Total VILLAGE OF GRAND BEACH WATER DEPT.					200.25
VILLAGE OF MICHIANA					
Bill	10/09/2022		POLICE SERVICES	300.818 · Contractual Ser...	2,500.00
Total VILLAGE OF MICHIANA					2,500.00
VSP INSURANCE CO. (CT)					
Bill	10/09/2022		30092372 VISION	852.852 · Hospitalization	163.01
Total VSP INSURANCE CO. (CT)					163.01
TOTAL					<u>29,209.12</u>

11:08 AM

10/14/22

Village of Grand Beach-Golf Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
ARAMARK UNIFORM SERVICES					
Bill	09/16/2022	6310064...	MATS	000.956 · Miscellan...	73.18
Total ARAMARK UNIFORM SERVICES					73.18
COMCAST					
Bill P...	08/19/2022	AUTOPAY	8771 40 252 0092246	000.015 - Horizon B...	-72.90
Bill	08/10/2022		8771 40 252 0092246	000.850 · Telephon...	72.90
Total COMCAST					0.00
LAPORTE CO HERALD DISPATCH					
Bill	09/25/2022	70055367	SPECIAL AD	000.901 · Marketing...	75.00
Total LAPORTE CO HERALD DISPATCH					75.00
QUILL					
Bill	09/06/2022	27507170	TOILET TISSUE	-SPLIT-	31.68
Total QUILL					31.68
SERVISCAPE					
Bill	09/30/2022		SEPTEMBER	-SPLIT-	15,639.03
Total SERVISCAPE					15,639.03
TITLEIST					
Bill	09/30/2022		HATS	000.949 · Clothing-...	61.94
Bill	10/05/2022	914316011	HATS	000.949 · Clothing-...	60.55
Total TITLEIST					122.49
TOTAL					15,941.38

10:29 AM

10/14/22

Village of Grand Beach - Water Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
MICHIANA WATER AUTHORITY					
Bill	09/30/2022		9/30/22 Reading	927.000 · Water P...	23,692.05
Total MICHIANA WATER AUTHORITY					23,692.05
RIETH-RILEY CONSTRUCTION CO., INC.					
Bill	10/06/2022	1758	COLD PATCH	778.000 · Repair &...	381.25
Total RIETH-RILEY CONSTRUCTION CO., INC.					381.25
US POST OFFICE					
Bill	10/12/2022		200 STAMPS	727.000 · Office S...	120.00
Total US POST OFFICE					120.00
UTILITY SUPPLY COMPANY					
Bill	09/30/2022	1417786	SADDLE	778.000 · Repair &...	331.94
Bill	09/30/2022	1417785	RINGS, Y9OKES, STOPS,...	778.000 · Repair &...	1,723.29
Bill	10/13/2022	1419525	LIDS	778.000 · Repair &...	228.98
Total UTILITY SUPPLY COMPANY					2,284.21
TOTAL					26,477.51

10:22 AM

10/14/22

Village of Grand Beach - Local Streets Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
KENNETH SMITH, INC.					
Bill	09/30/2022	1017630	Slag	463.782 · Street Supplies	73.71
Total KENNETH SMITH, INC.					73.71
RIETH-RILEY CONSTRUCTION CO., INC.					
Bill	10/11/2022	2100475	COLD MIX	463.782 · Street Supplies	63.84
Total RIETH-RILEY CONSTRUCTION CO., INC.					63.84
TOTAL					137.55

10:19 AM

10/14/22

Village of Grand Beach - Major Street Fund

OPEN INVOICE REPORT

As of October 14, 2022

Type	Date	Num	Memo	Split	Open Balan...
KENNETH SMITH, INC.					
Bill	09/30/2022	1017630	Slag	463.782 · Street Supplies	110.57
Total KENNETH SMITH, INC.					110.57
RIETH-RILEY CONSTRUCTION CO, INC.					
Bill	10/11/2022	2100475	COLD MIX	463.782 · Street Supplies	95.76
Total RIETH-RILEY CONSTRUCTION CO, INC.					95.76
TOTAL					206.33

5:06 PM

10/12/22

Village of Grand Beach - Building Inspection Fund

OPEN INVOICE REPORT

As of October 12, 2022

Type	Date	Num	Memo	Split	Open Balance
WILLIAM H. LAMBERT					
Bill	10/12/2022		INSPECTIONS	000.500 - Building Inspection Fees	5,225.31
Total WILLIAM H. LAMBERT					5,225.31
TOTAL					5,225.31

2:20 PM
10/12/22

Village of Grand Beach - Capital Projects Fund
OPEN INVOICE REPORT
As of October 12, 2022

Type	Date	Num	Memo	Split	Open Balan...
TELE-RAD, INC. Bill	09/23/202	907945	EQUIPMENT FOR NEW C...	801.700 · Police Car Purchase	94.45
Total TELE-RAD, INC.					94.45
TOTAL					94.45

Grand Beach Golf Course

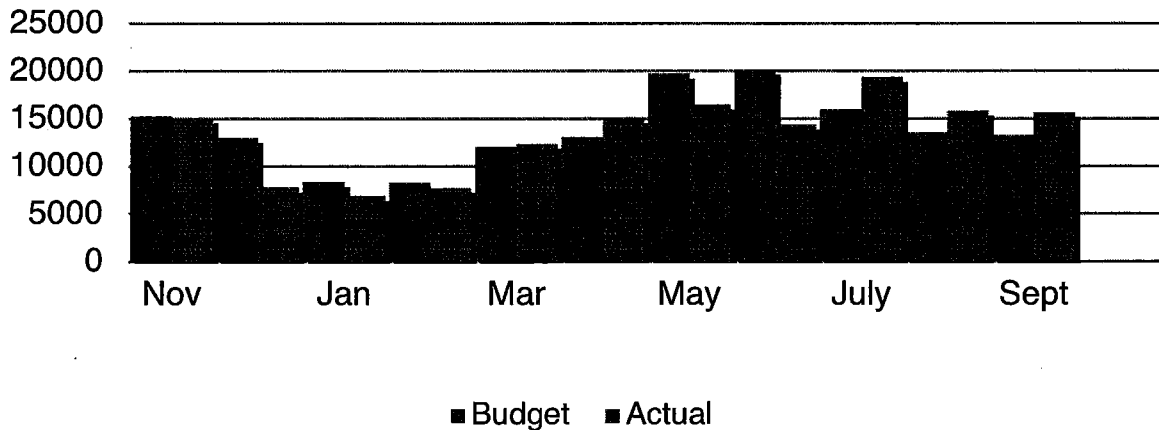
Rounds of Golf Report

SEPT

Type	2022	2021	2020
Non-Resident Weekday	95	79	146
Non-Resident Weekend	117	164	109
Resident Weekday	677	693	585
Resident Weekend	199	347	688
Pass	234	242	364
Total	1322	1525	1892

Financial Data

	2022	2021	2020
Golf	\$ 14,485.00	\$ 16,714.00	\$ 19,169.00
Food	\$ 2,555.32	\$ 2,150.75	\$ 1,854.59
Accessories	\$ 1,097.72	\$ 908.00	\$ 1,490.50
Clothing	\$ 1,126.80	\$ 1,434.00	\$ 1,710.05
Cart Rental	\$ 8,418.75	\$ 6,946.00	\$ 7,537.00
Gam/Hdcp			
Subtotal	\$ 27,683.59	\$ 28,152.75	\$ 31,761.14
Cart Reg			
Total	\$ 27,683.59	\$ 28,152.75	\$ 31,761.14



October 19, 2022

Dear Grand Beach Council,

We are happy to provide you with the October Golf Course Maintenance Report.

Financial

Year to date we are \$5,990 under budget.

Course News & Conditions

- Seasonal maintenance is ongoing.
- All bunkers have been aggressively edged.
- The fairway bunker on #7 has been filled in and seeded.
- We had one irrigation break on #9 and two irrigation controllers that had their respective transformers damaged from a power surge. Both have been repaired.
- Aerification is scheduled for the end of October.

Respectfully Submitted,

Clay Putnam
ServiScape, LLC

SUPERINTENDENT'S REPORT

October 14, 2022

HALL - GROUNDS - MAINTENANCE GARAGE

Cleaned Maintenance garage.

STREETS - PARKS - BEACHES

Weekly Brush and Bag Pickup.

Cleaned out storm drains.

Mowed and trimmed beach easements and side streets.

WATER DEPARTMENT

Sampled water September 27, 2022 and took to New Buffalo water treatment plant for analysis.

Submitted monthly reports for September readings to State of Michigan on October 10, 2022.

Residential water meters were read for August and September billing.

EQUIPMENT

Service, Oil and grease equipment.

Respectfully Submitted



Robert Dabbs
Superintendent

Grand Beach/Michiana Police Offense Summary

Occurred 9/1/2022 - 9/30/2022

Offense	Total Offenses
5707 - 57001 - Trespass (Other)	1
73001 - 7300 - Ordinance Violation	7
9943 - 98007 - Inspections/Investigations - Suspicious Situations	12
9944 - 98008 - Inspections/Investigations - Lost and Found Prop	2
9948 - 99003 - Miscellaneous - Missing Persons	1
9953 - 99008 - Miscellaneous - General Assistance	7
9954 - 99008 - Miscellaneous - Assist to Fire Department	3
9954 - 99009 - Miscellaneous - Non-Criminal	2
9955 - 99008 - Miscellaneous - Assist to EMS	5
9956 - 99008 - Miscellaneous - Assist to Other Police Agency	11
9957 - 99008 - Miscellaneous - Residential/Business/Bank Alarm - False	17
Total	68

We had a very busy September including an in depth death investigation.

Also, I would like to keep the family of Tobin "Toby" Babcock in our thoughts and prayers. Toby was an officer with the Long Beach, IN Police Department who passed away suddenly while on vacation. He was a friend to many of us on the department.

Respectfully Submitted,


Ryan Layman, Chief of Police

VILLAGE OF GRAND BEACH
MONTHLY BUILDING INSPECTION REPORT

OCTOBER 19, 2022

PERMIT #	NAME/ADRESS	WORK TO BE DONE	COST	START
2021-21	GOLDSTEIN 52015 LAKE PARK	NEW HOME	\$1,879,429.00	05/21
2021-22	ALLEGERETTI 52106 LAKE PARK	NEW HOME	\$1,000,000.00	06/21
2021-30	DWARAKANATHAN 51308 ROBIN LN	NEW HOME	\$900,000.00	11/21
2021-47	BROWN 45322 FAIRWAY	NEW HOME	\$640,080.00	12/21
2021-48	BURKE 45320 FAIRWAY	NEW HOME	\$819,080.00	12/21
2021-50	ARMSTRONG 58107 WALNUT	NEW HOME	\$289,789.00	12/21
2021-59	GABA 51315 E ARNOLD	NEW HOME	\$3,200,000.00	12/21
2021-69	MORRIS 50262 GOLFVIEW	NEW HOME	\$500,000.00	01/22
2022-02	ZALANSKAS 46221 CRESCENT	NEW HOME	\$550,000.00	01/22
2022-07	ALBERT 45302 PUTTERS LN	RE HAB INTERIOR	\$300,000.00	03/22
2022-12	TURNKEY ESTATES 45318 FAIRWAY DR	NEW HOME	\$480,000.00	03/22
2022-15	PUSKUNIGIS 45316 FAIRWAY	NEW HOME	\$410,000.00	03/22

2022-18	PHILLIPPI 51218 E ARNOLD	NEW HOME	\$1,170,000.00	05/22
2022-20	DISABATO 51220 MAIN	NEW HOME	\$960,000.00	05/22
2022-24	ALLEGRETTI 52106 LAKE PARK	NEW POOL	\$100,000.00	06/22
2022-26	KARAZIM 45312 FAIRWAY DR	NEW HOME	\$600,000.00	06/22
2022-28	TURNKEY ESTATES 45321 FAIRWAY DR	NEW HOME	\$280,000.00	06/22
2022-32	PUSKUNGIS 45325 FAIRWAY DR	NEW HOME	\$300,000.00	07/22
2022-35	MUCNETZER 51224 MAIN	NEW HOME	\$800,000.00	08/22
2022-36	MEARSHIMER 52204 MAIN	POOL FENCE	\$10,873.00	08/22
2022-37	NICOLAI 45314 FAIRWAY DR	NEW HOME	\$884,840.00	08/22
2022-42	SWORDS 45304 PUTTERS LN	NEW HOME	\$2,000,000.00	08/22
2022-43	EHIMWENMAN 49031 SKYHI	NEW HOME	\$800,000.00	08/22
2022-44	DAVID 51214 MAIN	NEW POOL	\$100,949.00	08/22
2022-45	CHERRETT 46217 STATION RD	NEW POOL	\$80,000.00	08/22
2022-46	MEARSHIMER 52204 MAIN	POOL CABANA	\$60,000.00	09/22

2022-47	ACKER 52203 E ARNOLD	INTERIOR REHAB	\$300,000.00	09/22
2022-48	GOLIAK 48114 W McKEAN	BATH REHAB	\$5,000.00	10/22
2022-49	MAURO 50114 ARNOLD	NEW ROOF	\$31,987.00	10/22
2022-50	BURKE 45320 FAIRWAY DR	NEW POOL	\$95,000.00	10/22

From: Michael Overley



To: clerk grandbeach.org

Cc: Karima LaJoie

Wed 8/24/2022 10:37 AM

Good morning Mary,

My apologies for the delayed reply. I hope you are doing well and glad to be of assistance.

Any time there is a potential change that increases a benefit provision, we need to calculate the cost impact of making the change to the Village's plan. We can start by running a "ballpark" calculation internally to determine the estimated cost impact of making this change. There is no cost or fee for this work. Ultimately, to move forward with implementation, we would need to engage our consulting actuary, GRS, to determine the specific cost impact before adoption could take place. Since there is a fee for the work of the consulting actuaries, hopefully the ballpark reports will help narrow and define the approach moving forward.

We can request a ballpark calculation for the following:

- 1) Change the Village's multiplier to 2% effective January 1, 2023 for all employees (this option provides the biggest increase to a participant's retirement benefit, but it is likely more costly from the Village's standpoint)
- 2) "Bridge" the benefit multiplier to 2% for current employees effective January 1, 2023
 - "Bridging" the multiplier changes the multiplier for all future service at the Village while leaving all past service earned at the 1.5% multiplier. In essence, each participant will have a two-part retirement: the first part will be based on the time they worked with the 1.5% multiplier and the second part will be based on the time they worked with the 2% multiplier. (This option still increases the participant's retirement benefit, but not as much as #1 above. It will be less expensive to implement from the Village's standpoint.)

Regarding the number of municipalities that have the 2% multiplier, there are about 180 divisions (individual groups of employees; the Village has one division but some counties have many divisions) in the MERS system that have this multiplier. In total, MERS has over 1,000 divisions that have a Defined Benefit plan. So about 18% of MERS customers have the 2% multiplier.

Let me know if you would like to move forward with obtaining the ballpark calculation for these options, and I can send you the request form to get the process started!

Sincerely,
Mike

Mike Overley
Regional Manager
Municipal Employees' Retirement System of Michigan
1134 Municipal Way
Lansing, MI 48917

RE: Multiplier REF:0007358- Ballpark valuation results for Vlg of Grand Beach #1117

?

From: Karima LaJoie

?

To: clerk grandbeach.org

Thu 9/15/2022 12:05 PM

Good morning Mary,

Attached, please find the ballpark results for a change to division 01 as follows:

- Scenario 1: Increase benefit multiplier to 2.0% for past and future benefit service for active participants,
- Scenario 2: Bridge multiplier up to 2.0% with frozen FAC effective 1/1/2023.

Please note the estimated lump sum required for Scenario 1 (\$133,000). However Scenario 2 would result in a decrease in liability due to freezing the FAC used in the benefit formula prior to the bridge, therefore no lump sum payment would be required for Scenario 2.

If the Village is interested in this benefit change, a certified valuation would be required for which I can provide the form and fee amount needed.

Let us know if you have any questions.

Thank you,
Karima LaJoie.

Michael Overley

To:

- clerk grandbeach.org;
- Karima LaJoie

Fri 9/16/2022 2:28 PM

Hello Mary,

I hope you are well.

The costs for the valuations are as follows:

- Change multiplier for all service time to 2% - \$400
- Change ("bridge") multiplier to 2% for future service only - \$350

Let us know if Council decides to move forward and have a good weekend!

Mike

Mike Overley
Regional Manager
Municipal Employees' Retirement System of Michigan
1134 Municipal Way
Lansing, MI 48917

Date: September 14, 2022
To: MERS Regional Staff
From: MERS Actuarial Staff
Re: Grand Beach, Vlg of (1117) – Division 01

The purpose of this estimate is to illustrate the potential impact of retirement plan changes under consideration on accrued liabilities and employer contributions. The results are based on the 2021 Annual Valuation.

The scenarios are as follows:

- Baseline: No changes to the plan as of the valuation date.
- Scenario 1: Change to a 2.0% multiplier for past and future benefit service.
- Scenario 2: Bridge to a 2.0% multiplier with frozen FAC effective 1/1/2023.

Estimated 12/31/2021 Liabilities and Employer Contributions for the Fiscal Year Beginning in 2023

Scenario 1	Current Benefits	Proposed Benefits	Difference
Actuarial Accrued Liability (AAL)	\$676,000	\$809,000	\$133,000
Valuation Assets (VA)	\$709,000	\$809,000 [^]	\$100,000
Funded Ratio (VA/AAL)	105%	100%	(5%)
Employer Contribution (%)	6.5%	9.6%	3.1%

Scenario 2	Current Benefits	Proposed Benefits	Difference
Actuarial Accrued Liability (AAL)	\$676,000	\$613,000	(\$63,000)
Valuation Assets (VA)	\$709,000	\$709,000	\$0
Funded Ratio (VA/AAL)	105%	116%	11%
Employer Contribution (%)	6.5%	9.6%	3.1%

[^]Due to the impact of benefit increase, an additional required lump sum of \$106,500 was reflected in Scenario 1 to maintain 100% funding and adjusted to an assumed contribution date by 12/31/2022.

Important Comments

- This document is not a final actuarial report. The contribution amounts and rates in this document are estimates (not actual contribution amounts or rates) and are for illustrative purposes only. Neither the employer, nor any other party receiving or reviewing this document may rely on these calculations as indicative of future contribution amounts or rates. By requesting and accepting this document, the employer agrees that MERS shall have no liability arising out of the provision of these amounts and rates, and agrees to indemnify MERS for any liability arising from same due to the provision of this letter or any information therein to any other party or individual. Pursuant to MCL 38.1140h and Sections 44 and 45 of the MERS Plan Document, the System's Actuary shall complete a supplemental actuarial report before the employer implements any proposed benefit change for any current plan participants.
- The above results are mathematical estimates of future events based on information provided/available and assumptions that may not materialize. Subsequent measurements may differ, possibly materially, from these estimates due to differences in assumptions, methods, plan demographics, provisions and assets/returns, or other new information. Future costs and those associated with potential plan changes will change depending on actual experience that emerges. The estimates do not reflect the ongoing impact of COVID-19 subsequent to December 31, 2021, which is likely to influence plan experience.
- The results are based on the same plan provisions, financial and demographic data, and actuarial assumptions and methods underlying the December 31, 2021 Annual Actuarial Valuation except where otherwise noted. Employer contributions through the start of the applicable fiscal year were not adjusted or recalculated as a result of the proposed change(s).
- For a detailed description of the actuarial assumptions and funding methods used in the annual valuation please refer to its Appendix on the MERS website. In addition, please refer to the Actuarial Policy adopted by the MERS Retirement Board.

Proposal for:
Village of Grand Beach, Berrien County MI

July 25, 2022

Quoted by: Keegan Nixon

Software and Services for BS&A Cloud



Thank you for the opportunity to quote our software and services.

At BS&A, we are focused on delivering unparalleled service, solutions, support, and customer satisfaction. You'll see this in our literature, but it's not just a marketing strategy... it's a mindset deeply embedded in our DNA. Our goal is to provide such remarkable customer service that our customers feel compelled to remark about it.

*We are extremely proud of the many long-term customer relationships we have built. Our success is directly correlated with putting the customer first and consistently choosing to **listen**. Delivering unparalleled customer service is the foundation of our company.*

Cost Summary

Software is licensed for use only by municipality identified on the cover page. If used for additional entities or agencies, please contact BS&A for appropriate pricing. Prices subject to change if the actual count is significantly different than the estimated count.

Cloud Modules

Financial Management

Cash Receipting	\$945
Utility Billing (approximately 450 utility accounts)	\$1,350
Subtotal	\$2,295

Data Conversions/Database Setup

Convert existing UB Max data to BS&A format:

Utility Billing (Accounts, Services, Deposits, Rates, Meters; Up to 10 Years of Service, Billing & Payment History)	\$4,000
---	---------

Database Setup:

Cash Receipting (Setup of Receipt Items/Tender Types)	\$1,500
---	---------

Subtotal \$5,500



Project Management and Implementation Planning

Services include:

- Analyzing customer processes to ensure all critical components are addressed.
- Creating and managing the project schedule in accordance with the customer's existing processes and needs.
- Planning and scheduling training around any planned process changes included in the project plan.
- Modifying the project schedule as needed to accommodate any changes to the scope and requirements of the project that are discovered.
- Providing a central contact between the customer's project leaders, developers, trainers, IT staff, conversion staff, and other resources required throughout the transition period.
- Installing the software and providing IT consultation for network, server, and workstation configuration and requirements.
- Reviewing and addressing the specifications for needed customizations to meet customer needs (when applicable).

\$4,500

Implementation and Training

- \$1,000/day
- Days quoted are estimates; you are billed for actual days used

Services include:

- Setting up users and user security rights for each application
- Performing final process and procedure review
- Configuring custom settings in each application to fit the needs of the customer
- Setting up application integration and workflow methods
- Onsite verification of converted data for balancing and auditing purposes
- Training and Go-Live

Software Setup	Days:	2		\$2,000
Financial Management Modules	Days:	8		\$8,000
	Total:	10	Subtotal	\$10,000

Cost Totals

Not including Annual Service Fees

Modules	\$2,295
Data Conversions/Database Setup	\$5,500
Project Management and Implementation Planning	\$4,500
Implementation and Training	\$10,000
Total Proposed	\$22,295
<i>Travel Expenses</i>	\$3,820
<i>Hosting Fees</i>	\$400

Payment Schedule

- 1st Payment: **\$10,000** to be invoiced upon execution of this agreement.
- 2nd Payment: **\$2,695** to be invoiced at activation of customer's site.
- 3rd Payment: **\$13,820** to be invoiced upon completion of training.



Cloud Annual Service Fees

Unlimited support is included in your Annual Service Fee. Service Fees are billed annually. After two (2) years, BS&A Software reserves the right to increase the Annual Service Fee by no more than the yearly Consumers Price Index for All Urban Consumers U.S. city average (CPI-U).

Financial Management

Cash Receipting	\$945
Utility Billing	\$1,350

Total Annual Service Fees **\$2,295**

Hosting Fees

Fees relating to the hosting and storage of data through Microsoft Azure are to be billed annually, for all modules included above.

\$400

Additional Information

Program Customization

BS&A strives to provide a flexible solution that can be tailored to each municipality's needs. However, in some cases, custom work may be required. Typical examples include:

- custom payment import/lock box import
- custom OCR scan-line
- custom journal export to an outside accounting system
- custom reports

If you require any custom work, please let us know so that we can better understand the scope of your request and include that in a separate proposal.

Cash Receipting Hardware

		Quantity		Cost
Epson THM-6000V Series Receipt Printer*	\$925	x	_____	= \$_____
APG Series 100Cash Drawer**	\$250	x	_____	= \$_____
Honeywell Hyperion 1300g Linear-Imaging Scanner	\$250	x	_____	= \$_____
Credit Card Reader (if using Invoice Cloud)	\$75	x	_____	= \$_____

This will add \$_____ to the Total Proposed.

**IMPORTANT. The receipt printer must be plugged into the USB port on one workstation (not your server). This printer is not to be shared with other workstations. If more than one workstation will be used for receipting, please consider purchasing more than one receipt printer.*

Please provide the number of cash drawers that will be hooked up to the printer_____

Note: The availability, model numbers, and pricing for all third party hardware listed above is subject to availability from the manufacturers. In the event that the listed hardware is no longer available at the time of purchase, a comparable replacement will be available, at the then current cost. Returns require pre-approval, and all purchased equipment must be shipped back to BS&A in its original packaging. Returns are subject to a re-stocking fee of \$50.00.

BS&A Online

Connection Requirements

BS&A Cloud modules require a high-speed internet connection (cable modem or DSL).

Payment Processing Requirements

Acceptance of online payments requires a contract with one of BS&A's approved Online Credit Card Processing companies. Please visit <https://www.bsasoftware.com/solutions/bsaonline/public-records-search/> for information.



Hello
Select your address

All ▾ master-bilt A061-20301

EN ▾

Hello, sign in
Account & Lists ▾

Returns
& Orders

0

All Prime Early Access Sale Best Sellers Amazon Basics Customer Service Prime ▾ New Releases

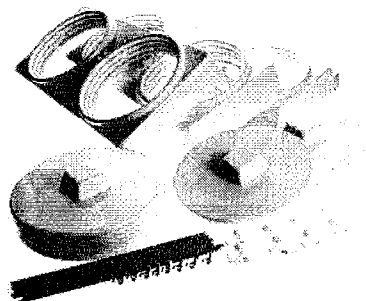
Prime Early Access Sale is here!

Industrial & Scientific Janitorial & Facilities Safety Supplies Medical Supplies Food Service Diagnostic Equipment Material Handling

◀ Back to results



Share



Click image to open expanded view

Master-Bilt A061-20301 Ddh-8 Can Holder Assembly, 30" Height, 24" Width, 5" Length

Brand: Master-Bilt

\$738⁸¹

Pay \$41.05/month for 18 months, interest-free upon approval for the Amazon Rewards Visa Card

- This is a genuine OEM (Original Equipment Manufacturer) part.
- Use genuine OEM parts for safety reliability and performance.

Specifications for this item

Brand Name	Master-Bilt
Ean	0220215083449
Height	30.0 inches
Item Weight	13.00 pounds
Length	5.0 inches
Model Number	A061-20301
Number of Items	1
Part Number	A061-20301
Pattern	Solid
UNSPSC Code	52140000
UPC	220215083449
Width	24.0 inches

See less

\$738⁸¹

FREE delivery **October 14 - 19.**
Details

Or fastest delivery **October 13 - 17.** Details

Select delivery location

Only 4 left in stock - order soon.

Qty: 1

Add to Cart

Buy Now

Secure transaction

Ships from Commercial Kitchen D...
Sold by Commercial Kitchen D...

Details

Return policy: Returnable until Jan 31, 2023

Add a Protection Plan:

- 2 Year Portable Electronic Accident Protection Plan for \$54.99
- 3 Year Portable Electronic Accident Protection Plan for \$73.99

Add to List

New (2) from \$644.60 & FREE Shipping.

Other Sellers on Amazon

\$644.60 Add to Cart

& FREE Shipping. Details
Sold by: Amazon.com

Sell on Amazon

MICRO JIG ZEROPLAY Miter Bar
289
\$16⁹⁹ ✓prime

Sponsored

Customers also viewed these products

**Golfmore Estates, Inc.
121 W. Mechanic St.
New Buffalo, Mi 49117**

Village of Grand Beach
Mr. James Bracewell, President
48200 Perkins Blvd.
Grand Beach, Mi 49117

RE: Letter of Intent to Donate Real Estate

Effective Date: October 12, 2022

Ladies and Gentlemen,

Golfmore Estates, Inc. wishes to make a qualified donation of Real Estate as further depicted in Exhibit A. which consists of two parcels of real estate located at the northwesterly corner of Grad Beach Road and Royal Ave.

Golfmore Estates, Inc. wishes the above-described donated real estate be used for the following purpose(s).

Parcel A. Parcel ID 11-39-0019-0018-03-0

Parcel A. to be retained in perpetuity and used for any appropriate recreational or community activity as determined solely by the Village of Grand Beach. Although, not a requirement of this donation, Golfmore Estates, Inc. suggests the parcel be improved with four pickle ball courts and sufficient parking to accommodate users so that no parking is provided along Fairway Dr.

Parcel B. 11-39-0019-0018-04-8

Parcel B. may be uses for any appropriate use as determined solely by the Village of Grand Beach, including the sale of Parcel B. Should Parcel B. be sold by the Village of Grand Beach, Golfmore Estates, Inc. will impose a restriction that the proceeds of such sale be used for improvements limited to Parcel A.

The Doner agrees to be recognized for the donation under the names of Dominic J. Farina and Adelaide Farina.

Golfmore Estates, Inc. understands the Village of Grand Beach is a qualified recipient by the standards of the Internal Revenue Service and the donation will be tax-deductible to the extent allowed by law under section 170(c)(1) of the Internal Revenue Code. Further, the Village of Grand Beach agrees to cooperate and execute any forms requested by Golfmore Estates, Inc to validate the tax-deduction.

If you are agreeable to the aforementioned terms, please sign and return a duplicate copy of this Letter of Intent by October 25, 2022. The fiscal year end of Golfmore Estates, Inc. is November 30, 2022. The donation must be completed by November 15, 2022.

DONOR, Golfmore Estates, Inc

Signature _____



Date _____

OCTOBER 12, 2022

By: Ronald L. Farina, President

DONEE, The Village of Grand Beach

Signature _____

Date _____

By: James Bracewell, President



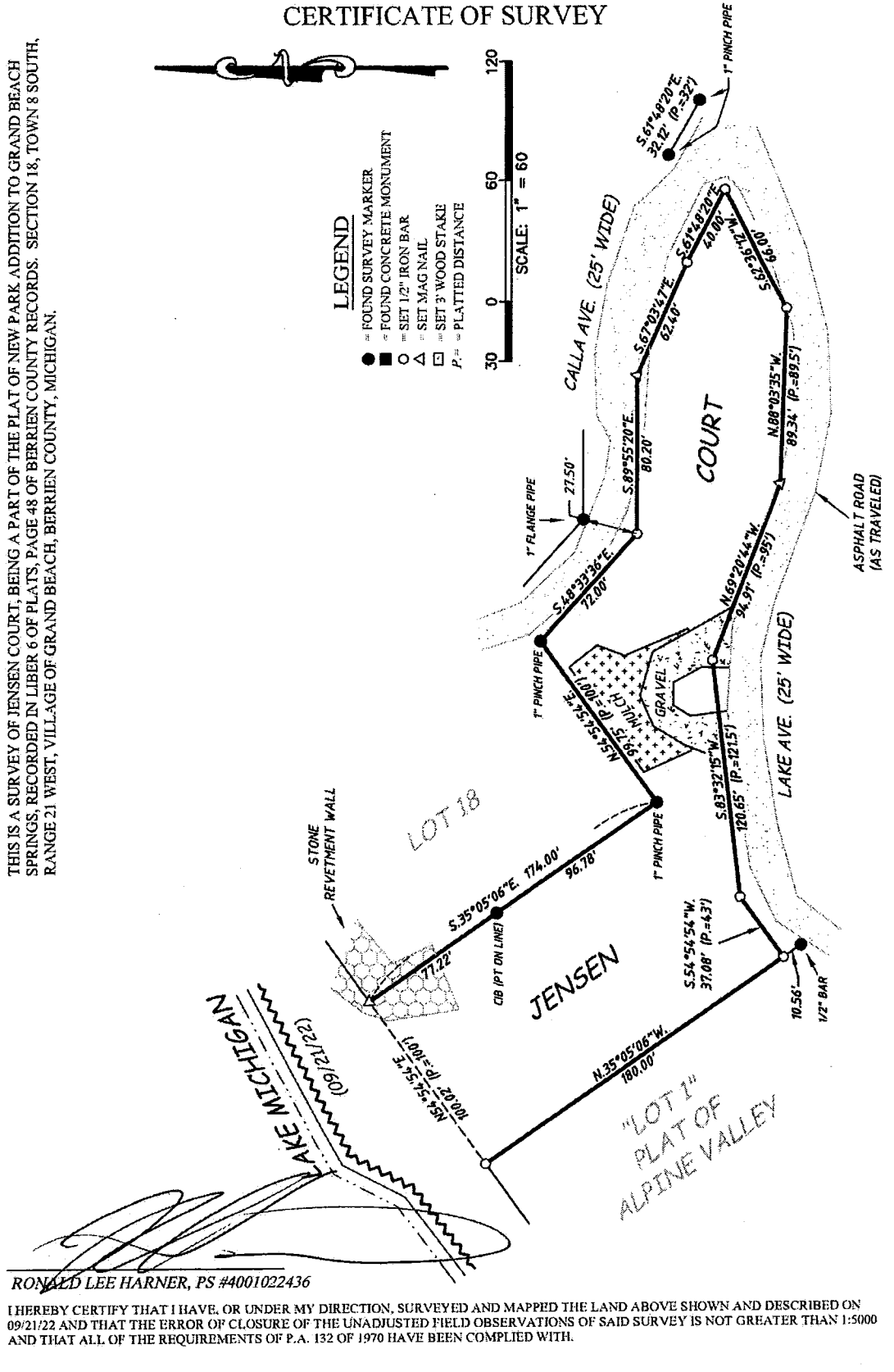
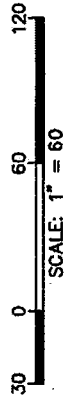
CERTIFICATE OF SURVEY

THIS IS A SURVEY OF JENSEN COURT, BEING A PART OF THE PLAT OF NEW PARK ADDITION TO GRAND BEACH SPRINGS, RECORDED IN LIBER 6 OF PLATS, PAGE 48 OF BERRIEN COUNTY RECORDS. SECTION 18, TOWN 8 SOUTH, RANGE 21 WEST, VILLAGE OF GRAND BEACH, BERRIEN COUNTY, MICHIGAN.



LEGEND

- FOUND SURVEY MARKER
- FOUND CONCRETE MONUMENT
- SET 12" IRON BAR
- △ SET MAG NAIL
- SET 3" WOOD STAKE
- P. PLATTED DISTANCE



RONALD LEE HARNER, PS #4001022436

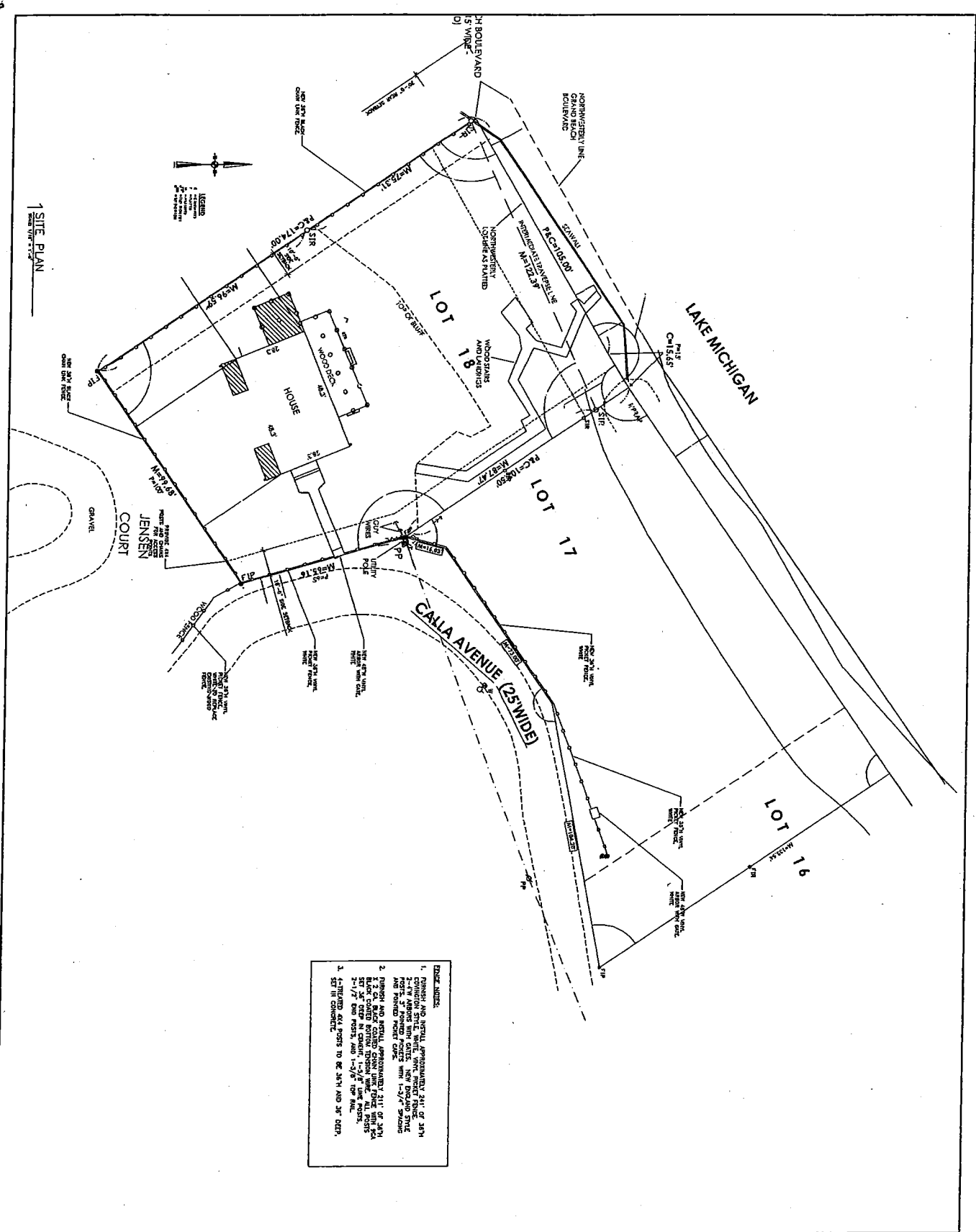
I HEREBY CERTIFY THAT I HAVE, OR UNDER MY DIRECTION, SURVEYED AND MAPPED THE LAND ABOVE SHOWN AND DESCRIBED ON 09/21/22 AND THAT THE ERROR OF CLOSURE OF THE UNADJUSTED FIELD OBSERVATIONS OF SAID SURVEY IS NOT GREATER THAN 1:5000 AND THAT ALL OF THE REQUIREMENTS OF P.A. 132 OF 1970 HAVE BEEN COMPLIED WITH.

File Name: GRAND BEACH SPRINGS.dwg

CERTIFIED TO:	
VILLAGE OF GRAND BEACH	
DRAWN BY: NWS	
DATE: 09/21/22	REVISED:
SCALE: 1" = 60'	
SECTION 18 T. 8 S. R. 21 W.	



13560 76TH STREET
SOUTH HAVEN, MI. 49090
(P) 269-637-9205
(F) 269-637-9206
INFO@MERRITTMIDWEST.COM
SHEET 1 OF 1
PROJECT NO: 22-097



1 SITE PLAN

- EXISTING UTILITIES:**
1. CONNECTION TO EXISTING APPROXIMATELY 24" OF 24" V.P. CONDUIT SHALL BE MADE TO NEW 24" V.P. CONDUIT WITH 2'-4" V.P. ABOVE WITH 6" DIA. NEW DRAINAGE DUCT AND 1" DIA. NEW 1" DIA. NEW DRAINAGE DUCT AND 1" DIA. NEW DRAINAGE DUCT.
 2. FINISH AND INSTALL APPROXIMATELY 21" OF 24" V.P. CONDUIT TO NEW 24" V.P. CONDUIT WITH 2'-4" V.P. ABOVE WITH 6" DIA. NEW DRAINAGE DUCT AND 1" DIA. NEW DRAINAGE DUCT.
 3. 4" DIA. NEW 4" DIA. NEW DRAINAGE DUCT WITH 6" DIA. NEW 6" DIA. NEW DRAINAGE DUCT WITH 6" DIA. NEW 6" DIA. NEW DRAINAGE DUCT.

GENERAL NOTES

1. ALL EXISTING UTILITIES OUTSIDE BUILDING FOOTPRINT SHALL BE PROTECTED FROM ANY CONSTRUCTION BY THE CONTRACTOR. UTILITIES SHALL BE PROTECTED BY 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS.
2. EXISTING UTILITIES SHALL BE PROTECTED BY 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS.
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12. EXISTING UTILITIES SHALL BE PROTECTED BY 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS.
13. EXISTING UTILITIES SHALL BE PROTECTED BY 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS OR 18" DIA. CONCRETE CULVERTS.

LEGAL DESCRIPTION:

LOT 18 OF NEW PARK SUBDIVISION, GRAND BEACH TOWNSHIP, GRAND BEACH, MI 49117, MORE OR LESS AS SHOWN ON THE PLAT OF SAID SUBDIVISION, FILED FOR RECORD IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT OF GRAND BEACH, MI, ON 01/12/2021, HAS BEEN ISSUED FOR SAID LOT.

SQUARE FOOTAGE: (GROSS)

DESCRIPTION	AREA
HOUSE	1,250 S.F.
DRIVEWAY	1,250 S.F.
GARAGE	4,634 S.F.
ADDITION	220 S.F.
PERM. DRIVE	158 S.F.
PERM. DRIVE	158 S.F.
TOTAL:	8,070 S.F.
Net Building Footprint:	16,711 S.F.
Net Building Footprint:	2,148 S.F.
Net Building Footprint:	145

VANIECKO REMODEL
 5005 CALLA AVENUE
 GRAND BEACH, MI 49117

HEIDI HORNADAY, Architect, P.C.
 P.O. Box 18117
 New Berlin, WI 53151
 Phone: 262.781.1111
 Fax: 262.781.1112
 heidi@hornsaday.com

DATE: ALL INFORMATION SHALL BE FIELD VERIFIED.

NO.	DATE	DESCRIPTION
1	05-23-2021	DESIGN APPROVAL REVIEW
2	05-23-2021	DESIGN APPROVAL REVIEW
3	05-23-2021	DESIGN APPROVAL REVIEW
4	05-23-2021	DESIGN APPROVAL REVIEW
5	05-23-2021	DESIGN APPROVAL REVIEW
6	05-23-2021	DESIGN APPROVAL REVIEW
7	05-23-2021	DESIGN APPROVAL REVIEW
8	05-23-2021	DESIGN APPROVAL REVIEW
9	05-23-2021	DESIGN APPROVAL REVIEW
10	05-23-2021	DESIGN APPROVAL REVIEW
11	05-23-2021	DESIGN APPROVAL REVIEW
12	05-23-2021	DESIGN APPROVAL REVIEW
13	05-23-2021	DESIGN APPROVAL REVIEW
14	05-23-2021	DESIGN APPROVAL REVIEW
15	05-23-2021	DESIGN APPROVAL REVIEW
16	05-23-2021	DESIGN APPROVAL REVIEW
17	05-23-2021	DESIGN APPROVAL REVIEW
18	05-23-2021	DESIGN APPROVAL REVIEW
19	05-23-2021	DESIGN APPROVAL REVIEW
20	05-23-2021	DESIGN APPROVAL REVIEW

SITE PLAN

SP1.5



Carpenter &
Capt, Chartered
Attorneys at Law

October 13, 2022

Village of Grand Beach Council

Sent via email to:

jbracewell@grandbeach.org

bohallowan@grandbeach.org

pdoerr@grandbeach.org

pleonard@grandbeach.org

dlindley@grandbeach.org

RE: Vacant land adjacent to 50015 Calla Avenue

Dear Council members:

I represent Bob Vanecko, who owns property located at 50015 Calla Avenue (Lots 17, 18 and 19). He purchased Lot 18 in 2019; that property has historically had use of a circular drive adjacent to it on Calla Avenue (see attached survey from his purchase in 2019). The parcel owned by the Village (hereinafter "Jensen Court") fronts Lake View Avenue, and is where the driveway used by Lot 18 is located. There was a recent survey of Jensen Court commissioned by the Council, and it is attached.

Mr. Vanecko is interested in purchasing the piece of Jensen Court which contains the driveway, at a fair price. I have included a second survey of Jensen Court, with the portion he would like to purchase highlighted. The rectangular portion which Village residents use to access the beach would not be disturbed and all rights for beach access would remain intact. If the Village is willing to sell the section of Jensen Court that is highlighted, Mr. Vanecko would pay for an independent appraisal, and if a price can be agreed, then he will submit an offer in writing.

Please contact me at your earliest convenience to discuss the purchase, or please include on the agenda for your next meeting for discussion, providing the details of when Mr. Vanecko should appear for that.

Thank you,


Patricia Carpenter

PC/

Encl:/Abonmarche survey/ Merritt Midwest survey

Cc: clerk@grandbeach.org
Patricia Capt Carpenter
pcapt@carpenterandcapt.com

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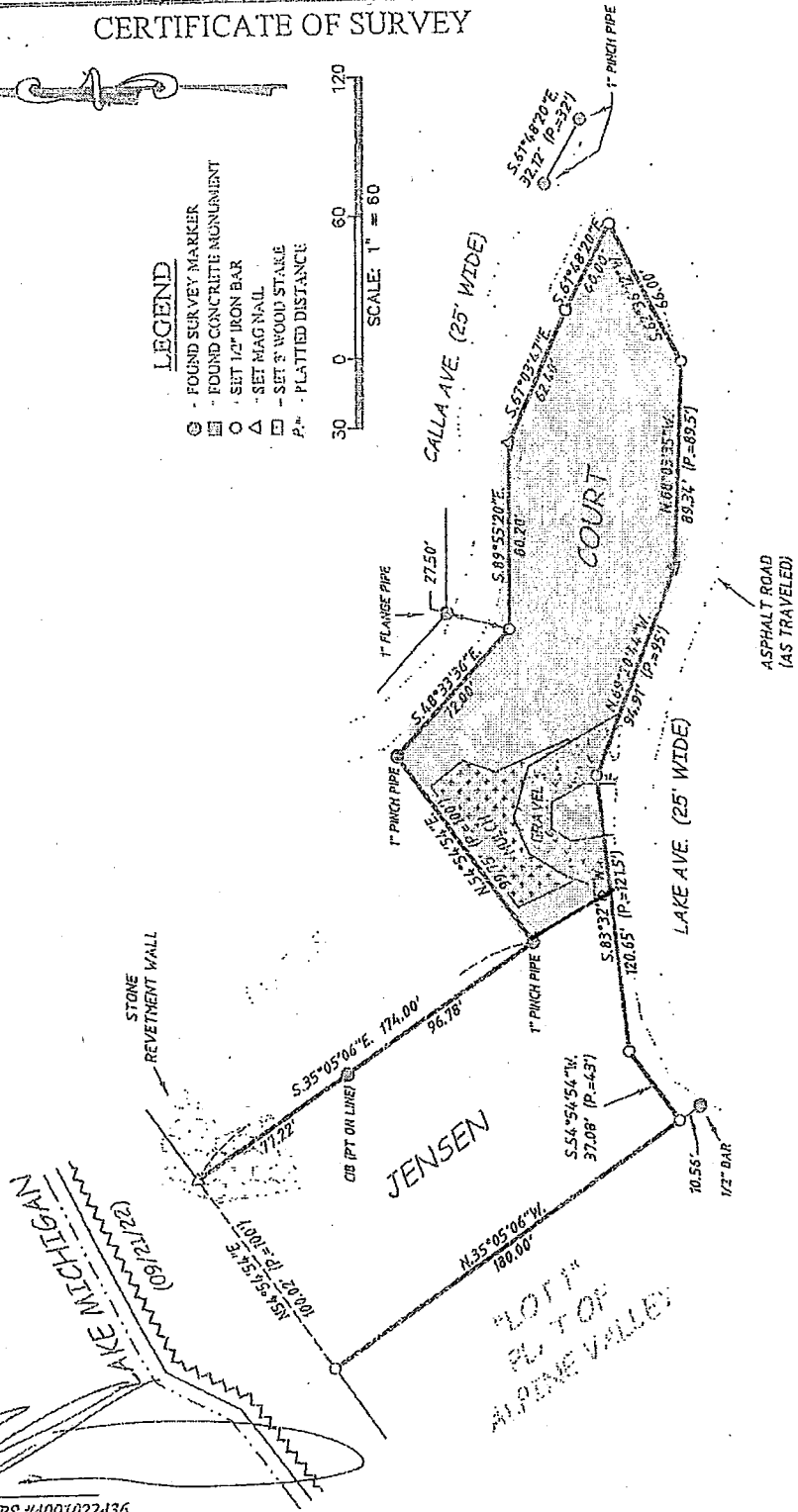
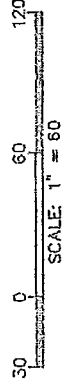
CERTIFICATE OF SURVEY

THIS IS A SURVEY OF JENSEN COURT, BEING A PART OF THE PLAT OF NEW PARK ADDITION TO GRAND BEACH SPRINGS, RECORDED IN LIBER 6 OF PLATS, PAGE 48 OF BERRIEN COUNTY RECORDS. SECTION 18, TOWN 8 SOUTH, RANGE 21 WEST, VILLAGE OF GRAND BEACH, BERRIEN COUNTY, MICHIGAN.



LEGEND

- ⊙ - FOUND SURVEY MARKER
- ▣ - FOUND CONCRETE MONUMENT
- - SET 1/2" IRON BAR
- △ - SET MAG NAIL
- - SET 3" WOOD STAKE
- P.M. - PLATTED DISTANCE



RONALD LEE HARNER, PS #4001022436

I HEREBY CERTIFY THAT I HAVE, OR UNDER MY DIRECTION, SURVEYED AND MAPPED THE LAND ABOVE SHOWN AND DESCRIBED ON 09/21/22 AND THAT THE ERROR OF CLOSURE OF THE UNADJUSTED FIELD OBSERVATIONS OF SAID SURVEY IS NOT GREATER THAN 1:5000 AND THAT ALL OF THE REQUIREMENTS OF P.A. 132 OF 1970 HAVE BEEN COMPLIED WITH.

CERTIFIED TO:	
VILLAGE OF GRAND BEACH	
DRAWN BY: NWS	REVISOR:
DATE: 09/21/22	REVISION:
SCALE: 1" = 60'	
SECTION 18 T. 8 S. R. 21 W.	



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 SOUTH HAVEN, MI. 49090
 (P) 269-637-9205
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 INFO@MERRITTMIDWEST.COM
 SHEET 1 OF 1
 PROJECT NO: 22-097

File Name: GRAND BEACH SPRINGS.dwg



STORM WATER MANAGEMENT PROGRAM
FOR THE
VILLAGE OF GRAND BEACH

MUNICIPAL SEPARATE STORM SEWER SYSTEM

PREPARED FOR:
VILLAGE OF GRAND BEACH
BERRIEN COUNTY, MICHIGAN

APRIL 23, 2014
AMENDED SEPTEMBER 30, 2022





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ABBREVIATIONS/ACRONYMS

CAC	Citizens' Advisory Committee
DPW	Department of Public Works
IDEP	Illicit Discharge Elimination Plan
EGLE	Michigan Department of Environment, Great Lakes, and Energy
MS4	Municipal Separate Storm Sewer System
NPDES	National Pollutant Discharge Elimination Systems
PEP	Public Education Program
SESC	Soil Erosion and Sedimentation Control
SWMP	Storm Water Management Program
SWMPC	Southwest Michigan Planning Commission
USEPA	U.S. Environmental Protection Agency
Village	The Village of Grand Beach



1 Purpose

The purpose of this Storm Water Management Program (SWMP) is to comply with the provisions of the Federal Water Pollution Control Act, as amended (33 USC 1251 et seq; the "Federal Act"), Michigan Act 451, Public Acts of 1994, as amended (the "Michigan Act") Part 31, and the Michigan Part 21 Rules, Wastewater Discharge Permits (R 323.2101 et seq.). The SWMP is designed to do both of the following:

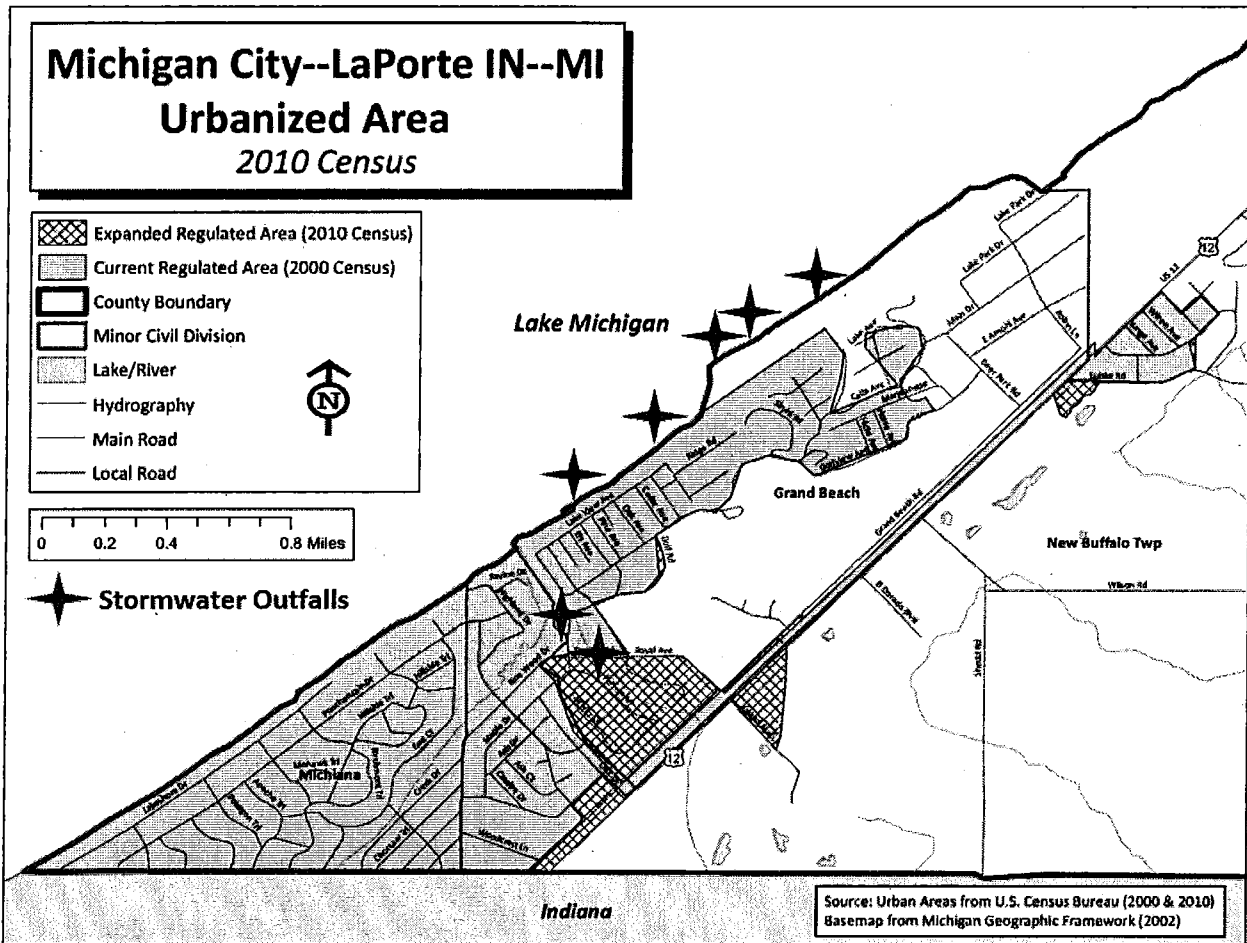
- (a) Reduce the discharge of storm water pollutants to the maximum extent practicable (MEP), and
- (b) Protect water quality and satisfy the appropriate water quality requirements of the federal act.

2 Background

The Village of Grand Beach (Village) has seven point source discharges from its Municipal Separate Storm Sewer System (MS4) ([Figure 1](#)). Six of these point sources discharge only street surface runoff to Lake Michigan or an unnamed tributary of White Creek. The seventh point source discharges street surface runoff and golf course runoff to an unnamed tributary of White Creek. The area drained by these conveyances is very limited. Most storm water drainage in the Village is achieved via subsurface percolation. White Creek originates in Indiana and flows through the Village of Michiana and New Buffalo Township into Lake Michigan. The unnamed tributary of White Creek joins White Creek in New Buffalo Twp. There are no other point source discharges to surface waters of the State of Michigan (State) from the Village. There are no non-storm water discharges to the Village storm sewer system. The Village has no other structural storm water controls within its MS4 drainage area.

The Village owns, operates, and maintains a number of other catchbasin structures that drain small sections of roadway. These catchbasins are really drywells. The drywell structures are typically 1 to 6 feet in diameter and 3 to 5 feet deep. They contain a vertical perforated pipe in the center surrounded by crushed stone. They function by capturing and holding storm water until the soil surrounding the drywell has opportunity to absorb the water and percolate it to the groundwater. These structures are not regulated by the NPDES Storm Water Program and are not discussed further in this SWMP.

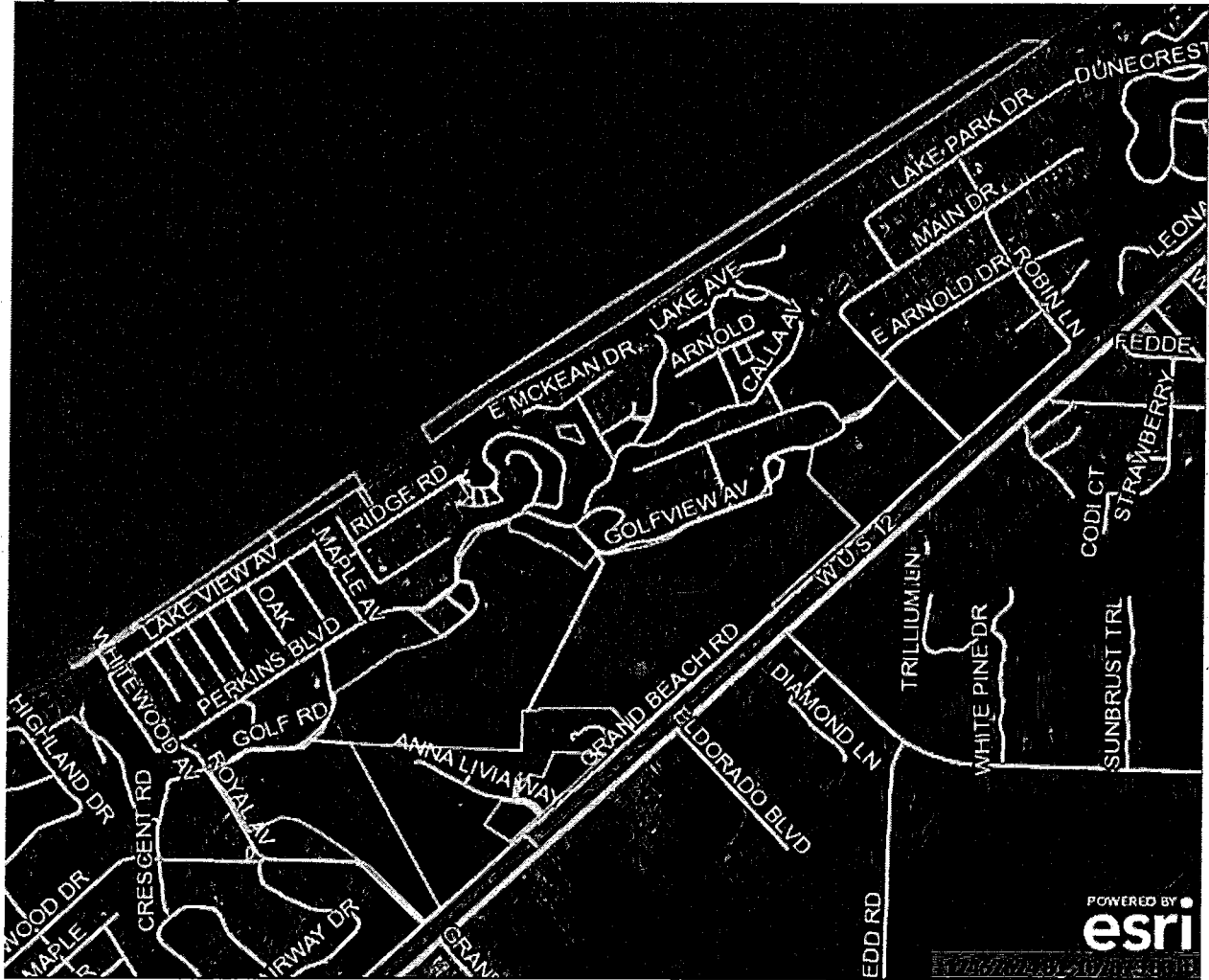
Figure 1 – Grand Beach Stormwater Outfalls and Regulated Area Boundaries



The Village is a residential single family home community consisting of approximately four hundred fifty (450) houses. There are no commercial, industrial, or institutional land uses in the Village (no retail, no medical, no businesses, no factories, no schools, no churches, and no multi-family residential). The only governmental uses are the Village Hall, the Department of Public Works (DPW)/Police Building, Water Tower, Water Distribution Pump Station, Golf Course, Parks, the Grand Beach Nature Preserve, Beach, and Beach Easements. Village owned parcels are indicated on [Figure 2](#) and listed in [Table 1](#). The general population swings from about one hundred (100) people in winter to almost one thousand (1,000) in summer. The population was 272 at the 2010 census. The Village staff consists of one clerk/treasurer, one deputy clerk; four public works employees, and three police officers. The Village council is composed of five members elected at large. It is a home rule charter village. According to the United States Census Bureau, the Village has a total area of 0.91 square miles.



Figure 2 – Village Owned Parcels



No part of the Village is served by a combined sewer system. The Village has one subdivision, called Golfmore 2 Estates, with a sanitary sewer system. The collected sewage is pumped to the Galien River Sanitary District Authority in New Buffalo. Sanitary wastes for the remainder of the Village are handled by individual dwelling septic tank and subsurface disposal systems.

There are no “nested jurisdictions” or “associated permittees” within the Village.



Table 1 – Village Owned Parcels
from Berrien County, MI - 2022-0926

<u>11-39-0017-0003-05-2</u>	VILLAGE OF GRAND BEACH	
<u>11-39-0017-0017-00-2</u>	GRAND BEACH VILLAGE OF	
<u>11-39-0018-0003-04-2</u>	GRAND BEACH VILLAGE OF	
<u>11-39-0018-0005-00-2</u>	GRAND BEACH VILLAGE OF	
<u>11-39-0018-0015-00-8</u>	GRAND BEACH VILLAGE OF	
<u>11-39-0018-0016-00-4</u>	GRAND BEACH VILLAGE OF	
<u>11-39-0019-0008-00-0</u>	GRAND BEACH VILLAGE OF	GRAND BEACH RD
<u>11-39-0500-0020-00-1</u>	VILLAGE OF GRAND BEACH	50113 ARNOLD AVE
<u>11-39-2590-0130-00-7</u>	GRAND BEACH VILLAGE OF	46005 LAKE VIEW AVE
<u>11-39-2600-0023-00-7</u>	GRAND BEACH VILLAGE OF	
<u>11-39-5250-0002-03-1</u>	GRAND BEACH VILLAGE OF	10'ACCESS LN
<u>11-39-5250-0048-02-3</u>	GRAND BEACH VILLAGE OF	LAKE VIEW AVE
<u>11-39-5250-0078-02-0</u>	GRAND BEACH VILLAGE OF	SKYHI RD
<u>11-39-5250-0080-00-8</u>	GRAND BEACH VILLAGE OF	49029 SKYHI RD
<u>11-39-5250-0081-00-4</u>	GRAND BEACH VILLAGE OF	49027 SKYHI RD
<u>11-39-5250-0082-01-9</u>	GRAND BEACH VILLAGE OF	49025 SKYHI RD
<u>11-39-5250-0164-00-7</u>	VILLAGE OF GRAND BEACH	50228 GOLF VIEW AVE
<u>11-39-5250-0186-01-9</u>	GRAND BEACH VILLAGE OF	50222 CALLA AVE
<u>11-39-6750-0014-00-2</u>	GRAND BEACH VILLAGE OF	RIDGE RD
<u>11-39-6750-0067-00-9</u>	GRAND BEACH VILLAGE OF	48200 PERKINS BLVD
<u>11-39-7250-0025-01-6</u>	GRAND BEACH VILLAGE OF	49101 KNOB HILL DR
<u>11-39-7500-0021-00-5</u>	GRAND BEACH VILLAGE OF	48314 ANNA LIVIA WAY
<u>11-39-7500-0022-00-1</u>	GRAND BEACH VILLAGE OF	48315 ANNA LIVIA WAY

Source: <https://beacon.schneidercorp.com/Application.aspx?AppID=346&LayerID=4427&PageTypeID=3&PageID=2616&Q=796932036&KeyValue=11-39-0017-0003-05-2>

3 Storm Water Management Program

The Storm Water Management Program (SWMP) is implemented by the Village of Grand Beach utilizing the following Enforcement Response Procedure. Actions will be taken to control storm water pollution to the maximum extent practicable, including, where appropriate, enforcement action. Instances of non-compliance will be tracked from initial report/discovery to verification of resolution. An example tracking sheet is included in Appendix 1.

The Village of Grand Beach uses education, assistance, and enforcement to assure compliance with the SWMP. The Village views enforcement as only one tool available to achieve compliance. Enforcement in and of itself is not a goal – compliance is the goal.



- Enforcement actions must be timely.
- Enforcement actions must be appropriate to the violations alleged.
- Enforcement actions must be consistent for like violations.
- Enforcement actions in response to repeat or continuing violations must be progressive in nature.
- Enforcement actions must be responsive to program priorities and needs.

By judiciously using education, assistance, and enforcement tools, the goals of reducing the discharge of storm water pollutants to the maximum extent practicable (MEP) and protecting water quality should be met.

4 Public Education Program

4.1 Public Education Program (PEP)

The Village of Grand Beach adopts the Public Education Plan developed by the Southwest Michigan Planning Commission (SWMPC) dated April 2020 (see [Appendix 4](#)).

4.1.1 Impacts

The residents of the Village will be advised as to the adverse impacts to White Creek and Lake Michigan of discharging pollutants to the storm sewer systems via posting on the Village website. In addition, each year the *Spring Newsletter* will contain a link to Storm Water Management Program educational information. The *Spring Newsletter* is sent to all homeowners of the Village. The fact sheets available from the Southwest Michigan Planning Commission (SWMPC) will be posted on the Village website and available at the Village clerk's office.

Other means of public education may be utilized such as:

- A. Written notification by means of a bulletin mailed with the water bills.
- B. Posting of the written notification on the Village bulletin boards.
- C. Educational materials available for inspection at the Village office.

To achieve maximum effectiveness, the public education program needs an overarching theme that provides consistent verbal and visual cues to the target audience. Benefits of a common theme approach are:

- Creates a distinct identity and is recognizable by the public
- Sends a clear and concise message
- Makes the program more personal for the recipient
- Creates unity between all pollution prevention programs

To develop a common theme, SWMPC developed a logo to use on all educational materials produced as part of the PEP. To date, many of the materials produced by SWMPC have this logo displayed. SWMPC

has also encouraged participating municipalities and agencies to use this logo on their websites and other materials.

Figure 3 – SWMPC Public Education Theme



4.1.2 Public Actions

The residents of the Village will be advised as to the actions they can take to prevent the discharge of pollutants to the storm sewer systems via the Village website. Additionally, bulletins may be mailed with their water bills or notices posted on the Village's Public Notice bulletin boards.

4.1.3 Public Education

The public education materials will state:

- A. What illicit discharges are and that the public can report illicit discharges and improper disposal of materials to the storm sewer systems by calling the Village Clerk at (269) 469-3141.
- B. That household hazardous wastes can be taken to the Berrien County Resource Recycling Center. Call (269) 983-7111, extension 8234 for detailed information.
- C. That non-hazardous wastes are picked up by private contractor (currently, Able Disposal) on Monday and recyclable wastes are picked up by private contractor (also, Able Disposal) on alternate Mondays.
- D. That yard wastes are picked up by the Village DPW for composting if left in the road right-of-way.
- E. That application rates for horticultural chemicals are listed on the manufacturer's packaging and should not be exceeded.
- F. That wastewater from vehicle washing is prohibited from entering the storm sewer systems.
- G. That deicing chemicals should be used sparingly, with sand preferred for environmental reasons.
- H. That native vegetation, such as dune grass, should be planted to the maximum extent possible on slopes.
- I. That septic tank maintenance information can be obtained from the Berrien County Health Department by calling (269) 926-7121.
- J. That evidence of pollution to White Creek or Lake Michigan should be reported to the EGLE Pollution Emergence Alert System (PEAS) at 1-800-292-4706; soil erosion from sloping land into White Creek



or Lake Michigan should be reported by calling the Berrien County Soil Erosion and Sedimentation Control (SESC) Department at (269) 983-7111, extension 8255.

4.1.4 Non-Residential Entities

There are no nonresidential entities in the Village other than the Village Government.

4.1.5 Village Website

The Village website will be utilized for conveying more detailed information to the citizens regarding storm water. It will contain downloadable material as well as links to important sites. Materials will be available on the following subjects:

- A. Water bodies that could be affected by storm water
- B. Southwest Michigan Water Quality Partnership
- C. Pet Waste
- D. Septic Tank Maintenance
- E. Car Washing
- F. Motor Vehicle Wastes
- G. Low Impact Development
- H. Watershed Basics
- I. Proper Salt Use
- J. Lawn Care – No Phosphorus Fertilizers
- K. Illicit Discharges



4.1.6 Village PEP Commitments

Table 2 - PEP Activity Commitments

PEP Activity	Village Commitment
Provide website link to SWMPC	Yes
Provide additional information on municipal website	Yes
Have Table Top Display in Community with Fact Sheets	Optional
Distribute Fact Sheets to residents	Yes, via website
Distribute Educational Messages	Yes, via newsletter
SWMPC presentation to Planning Commission or Board/Council	Optional
Storm drain markers	No
Distribute soil erosion brochure	Yes
Provide Planning Commission with information on Green Infrastructure, Low Impact Development, etc.	Optional
Native plantings; Rain Gardens and/or Riparian Buffer Plantings	Optional
Post pet waste signage at appropriate locations	Yes
Promote household hazardous waste collection days	Yes



5 Public Involvement and Participation

5.1 Public Notification

Notification to the public that a SWMP has been developed and how to view a copy will be made via posting on the Village website.

Other means of public notification may be utilized such as:

- A. Written notification by means of a bulletin mailed with the water bills.
- B. Posting of the written notification on the Village bulletin board.
- C. Copy of SWMP available for inspection at the Village office.

The means used will, at a minimum, comply with state and local public notice requirements for implementing a public involvement/participation program.

5.2 Citizens' Advisory Committee (CAC)

The Village council will serve as a CAC to encourage public involvement in all aspects of the SWMP and its implementation. The council will:

- A. Consider local legislation or administrative actions that will protect the quality of White Creek and Lake Michigan.
- B. Meet or select a designee to meet with neighboring citizens' organizations in Michigan and Indiana to foster protection of White Creek and the Lake Michigan shoreline when interest in such a meeting is expressed by these organizations.
- C. The Village will cooperate with the Village of Michiana and the Berrien County Drain Commissioner's office on implementing joint water quality goals of the respective SWMPs.

The Village Council will allow for public comment on the SWMP (or any other topic) at every regularly scheduled council meeting.



6 ILLICIT DISCHARGE ELIMINATION PROGRAM

6.1 Definitions

Illicit Connection: Any method, or means, or conduit for conveying an illicit discharge into a natural water body or a storm water drainage system.

Illicit Discharge: Any discharge to a water body or a storm water drainage system that does not consist entirely of storm water, that is not authorized by the terms of an NPDES permit, or that is not an authorized discharge as defined by Village Ordinance.

6.2 Map of Storm Water Point Sources

Figure 1 is a map of storm water point sources. There are no nested jurisdictions within the Village. The contributions to these sources are almost exclusively road runoff. There are no known illicit discharges to these point sources and the possibility for illicit connections is remote.

6.3 Program to Eliminate Illicit Discharges

The Village has implemented a program to find, prioritize, and eliminate illicit discharges with the following results:

- A. There are no known illicit discharges to the previously enumerated seven (7) point sources. The catchbasins, tributary to these point sources, are inspected frequently for any required sediment or debris removal. The DPW staff has received training on identification of suspected illicit discharges, so inspections include concern for illicit discharges. Staff training included reporting & response procedures and will be repeated following every discharge permit reissuance. The outfall locations do not receive as frequent inspections; however they are observed on an irregular basis several times per year.
- B. Village Ordinance No. 2021-101 (Appendix 2) prohibits illicit discharges and connections to the storm water drainage system. It is the purpose of this ordinance to establish minimum storm water management requirements and controls to accomplish, among others, the following objectives:
 1. To regulate the contribution of pollutants to the storm water drainage system and natural water bodies by storm water discharges by any user.
 2. To prohibit illicit discharges and connections to the storm water drainage system and natural water bodies.
 3. To establish legal authority to carry out all inspection, surveillance, and monitoring procedures necessary to ensure compliance with this ordinance.
 4. To provide appropriate remedies for failure to comply with this ordinance.
- C. The Village building inspector, a contract employee, will be charged to ensure that all new construction and renovation needing a building permit conforms to Ordinance No. 2021-101. This prevents future illicit connections.



- D. There is no indication of infiltration of sanitary wastes into the municipal storm drains. There is no evidence of seepage from onsite sewage disposal systems into the Village's storm sewer system.
- E. Through State, County, and Village statutes and ordinances, all construction of new homes is reviewed to prohibit and prevent any illicit discharges to the storm drain system. The Village Zoning Administrator will review site plans and location plans to prevent any designs from making illicit connections to the storm drain system.
- F. All point sources will be observed by DPW staff at least once every five years during dry weather and will be documented using the IDEP Dry Weather Screening Data Sheet included in Appendix 1. This is in addition to the informal inspections noted in Paragraph A above. The documentation will include:
 - 1. Outfall identification;
 - 2. Date and time of inspection;
 - 3. Number of days since the last rainfall;
 - 4. Water clarity and color; (if discharge is occurring);
 - 5. Presence of other materials near the outfall, i.e. suds, oil sheen, sewage, floatable materials, bacterial sheens, algae, trash, and/or slime;
 - 6. Staining of banks, outfall structures, and/or vegetation;
 - 7. Excessive vegetative growth;
 - 8. Odor;
 - 9. Presence of undocumented connections;
 - 10. Integrity of the outfall structure; and
 - 11. Initial recommendation for follow up activity.

If there is a dry weather flow, the Village will attempt to identify and eliminate the discharge. Due to the nature of the Village owned storm sewers, there should never be a dry weather discharge.

If sampling and analyses are necessary to identify and track the discharge, assistance will be sought from trained and experienced individuals, such as staff from other communities or consultants. It is impractical to maintain a staff trained in sampling, analysis, sewer investigation techniques, and personnel safety for seven outfalls that drain less than one mile of roadway. Analyses will be selected based on professional experience and the facts of the case at hand. They most likely will include, but are not limited to, pH, ammonia, surfactants, and temperature. Samples will likely be initially analyzed with field kits, but chain-of-custody quality assured analyses may be warranted depending on the situation. Tracer dyes will not be used to track illicit discharges or connections without approval from EGLE.



- G. Within twenty-four hours of discovery of a significant illicit discharge that has the potential to seriously affect surface waters or groundwaters, designated uses, or public health, the Village will verbally notify the Berrien County Health Department and EGLE. As a guideline, the Village will consider more than 50 pounds of oil or more than 50 pounds of salt or any amount of other polluting materials that cause unnatural turbidity, color, visible sheens, oil films, foams, solids, or deposits in the receiving waterbody to be significant. Once a significant illicit discharge is recognized, the discharge site will be isolated, and the flow and discharge from the site will be eliminated as soon as possible, taking into account circumstances that cannot be foreseen. The timeframe for follow up of other illicit discharges or illicit connections, including investigation and elimination, will depend on the potential for environmental harm. Ongoing discharges will receive high priority with a 30-day goal of resolution. Potential or highly intermittent discharges will receive lower priority with a 6-month goal of resolution.
- H. A short narrative evaluation of program efficiency will be provided with every progress report.



7 Post Construction Storm Water Management Program

The Village Zoning Ordinance allows only single family residential units. Rainfall runoff from buildings and drives is handled either through dry wells for in-ground seepage of storm water or over land sheet drainage for percolation into the very sandy soils. The Village has a process for ensuring this consisting of a Village policy and ordinance. The policy is enforced through the Master Plan and Zoning Ordinance (see excerpts in Appendix 3). Before a building permit for new construction or re-development is issued, the contractor and owner must sign an agreement that all storm water must be managed onsite. A copy of the current agreement is in Appendix 3. The Village Building Inspector ensures compliance and signs off on the document when the project is complete. If the project will disturb an acre or more of soil to construct and it requires use of a structural Best Management Practice to manage the storm water onsite, then the landowner/developer will also be required to enter into a Storm Water System Maintenance Agreement (see Appendix 3). No drainage from private property has been authorized into the MS4. The Village is almost entirely composed of sand dunes of significant height. The vegetation on both developed and undeveloped sites is extensive.

The Village adopted Ordinance No. 2021-101, the "Storm Water Ordinance", on July 21, 2021. This ordinance states in significant part:

SECTION 2.01 PROHIBITED DISCHARGES

(1) It is unlawful for any person to discharge, or cause to be discharged, to the Village storm sewer system or water body, directly or indirectly, any water, substance or material, unless specifically permitted by the Authorized Enforcement Agency.

(2) The Authorized Enforcement Agency is authorized to issue a permit authorizing incidental discharges of storm water directly or indirectly into the Village storm sewer system from private properties where such discharges were determined to exist prior to the effective date of this Ordinance. Such permit may not allow any non-stormwater discharges.

The ordinance includes sanctions for violation as follows:

SECTION 4.01 SANCTIONS FOR VIOLATION

(1) Violation: Any person who (1) knew or should have known that a pollutant or substance was discharged contrary to any provision of this Ordinance, or contrary to any notice, order, permit, decision or determination promulgated, issued or made by the Authorized Enforcement Agency under this Ordinance; or (2) intentionally makes a false statement, representation, or certification in an application for, or form pertaining to a permit, or in a notice, report, or record required by this Ordinance, or in any other correspondence or communication, written or oral, with the Authorized Enforcement Agency regarding matters regulated by this Ordinance; or (3) intentionally falsifies, tampers with, or renders inaccurate any sampling or monitoring device or record required to be maintained by this Ordinance; or (4) commits any other act that is punishable under state law by imprisonment for more than 90 days; shall, upon conviction, be guilty of a misdemeanor punishable by a fine of \$500 per violation, per day, or imprisonment for up to 90 days, or both in the discretion of the court.



A few currently developed sites may in-fact discharge small quantities of storm water offsite. Upon redevelopment of these sites, the post-development rate and volume of storm water discharge shall be no greater than the pre-development rate and volume of storm water discharge. In this case, an engineering report might be required to show that the rate and volume of storm water discharge is no greater than the pre-development. Storm water discharge rate and volume shall be calculated by "Urban Hydrology for Small Watersheds – TR-55" by USDA/NRCS, June 1986, or other generally recognized method (www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/16/stelprdb1044171.pdf). TR-55 presents simplified procedures for estimating runoff and peak discharges in small watersheds. Figure B-3 of TR-55 shall be used for rainfall data.



8 Construction Storm Water Runoff Control

8.1 Controls Authorized by Zoning Ordinance

- A. As previously indicated, all Village zoning is limited to single family residential and public use zoning. The building inspector has the authority and unfettered access to inspect sites to verify information submitted for a building permit and to ensure compliance with all provisions of the Zoning Ordinance.
- B. Violations of the Zoning Ordinance can result in cessation of construction and revocation of the building permit, and other judicial remedies, if required.
- C. No building permit will be issued without a permit from EGLE where high risk erosion areas are involved, or where critical dune areas are involved.
- D. No building permit will be issued without a permit from the Berrien County Drain Commissioner's Office for Soil Erosion and Sedimentation Control, where required. Building permit applicants will be advised that a State of Michigan Permit by Rule may also be required.
- E. No structure is permitted within fifty (50) feet of the centerline of White Creek.
- F. The following are either prohibited or controlled by the Zoning Ordinance: Airborne emissions beyond the property lines other than wood-burning fireplace; contamination of water of the State beyond the standards approved by EGLE; and the storage of flammable or explosive materials or their unregulated use.
- G. No building permit will be issued without assurance that storm water generated during construction will be managed onsite, or other provisions are made to prevent storm water pollution.
- H. The building inspector and DPW staff will be instructed to identify any construction activity resulting in the deposit or imminent threat to deposit solids or other waste materials into the drainage system that may endanger the health or the environment and to provide verbal notification of the Berrien County SESC Agency and EGLE within twenty-four (24) hours of the incident.
- I. The Berrien County Drain Commissioner will be relied upon to establish and assess measurable goals for construction site stormwater BMPs.



9 Pollution Prevention/Good Housekeeping for Municipal Operations

9.1 Structural Controls

All storm drains and all 19 catch basins (See [Figure 4](#)) undergo frequent irregular inspection by Village staff as they go through the Village and beaches on their normal routine. All storm drains and appurtenances are inspected and cleaned of sediment and vegetative residue at least once each year. This will be documented. This program will continue and whenever significant clogging of inlets is noticed it will be acted upon. Residents will be encouraged to contact the Village to report clogged inlets. Foreign materials removed from the drainage system are disposed of according to class of materials. Any materials removed from catch basins, including sand, will be disposed of in accordance with EGLE Catch Basin Cleaning Activities Guidance document. Currently the Berrien County Landfill is the disposal site.

9.2 Roadways

Village roads are sanded in the winter as required. Sand and salt are used only at intersections where stop signs are posted and on hills or other areas needing extra traction. Minimum quantities are also used at these intersections. All road waste is stored away from water bodies, and snow is mounded and stored away from water bodies and storm drains. Coal tar emulsions will not be used to seal asphalt surfaces. There are no unpaved roads contributing storm water to the MS4. The goal of reducing total suspended solids in storm water is achieved through improved materials handling (salt/sand applications) and catchbasin cleaning. The Village will not discharge to the surface waters of the State any wastewater generated from cutting, grinding, drilling, or hydrodemolition of concrete without authorization under a NPDES wastewater discharge permit.

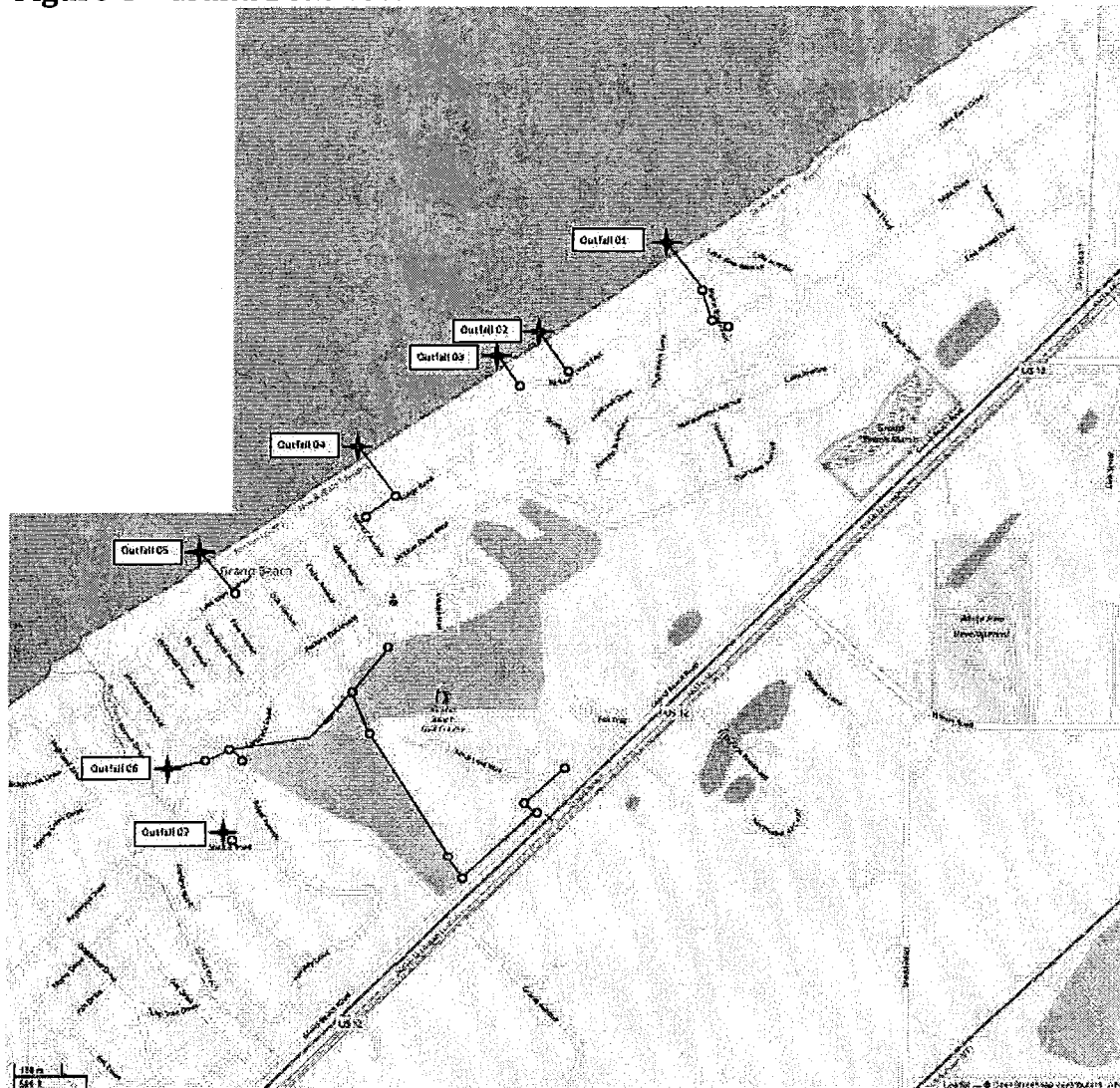
9.3 Fleet Maintenance and Storage Yards/Facilities

9.3.1 Department of Public Works Equipment

Village trucks and tractors are maintained at the Village garage. No maintenance is done outside. Oil changes and other disposables are recovered by recyclers of these materials. Wash-downs of equipment are usually done on the garage's apron driveway and consist of removing sand and soil. The runoff from the wash-down is sheet drainage that goes into the adjacent vegetated soil. No contamination of waters of the State occurs. Major vehicle maintenance is conducted at commercial facilities out of the Village. The DPW Building is outside the Urbanized Area and is not regulated by the NPDES Storm Water Program.



Figure 4 – Grand Beach Stormwater Outfalls and Catchbasins



9.3.2 Police Equipment

The Village's two (2) police vehicles (one sport utility vehicle, and one quad-runner) are maintained offsite at commercial facilities which are not located in the Village. The sport utility vehicle is usually washed offsite at commercial facilities outside the Village, while the quad-runner is usually washed on the garage apron with sheet drainage flowing into adjacent vegetated soil. No contamination of the waters of the State occurs. The police share a building with the DPW which is outside the Urbanized Area and is not regulated by the NPDES Storm Water Program.

9.3.3 Fuel for Public Works and Police Vehicles

Fuel is stored in tanks that are within approved containers with secondary containment and are inspected annually for any leaks as is the containment. The fuel storage area is outside the Urbanized Area and is not regulated by the NPDES Storm Water Program.



9.3.4 Salt and Sand Storage

The road sand and salt piles located behind the Public Works Department are securely covered with tarps to prevent contamination of rainwater and runoff. The Village sets aside money each budget cycle to purchase a salt dome. This area is also inspected at least monthly. The salt and sand storage area is outside the Urbanized Area and is not regulated by the NPDES Storm Water Program.

9.3.5 Storm Water Pollution Prevention Plan (SWPPP)

All of the fleet maintenance and storage yards/facilities owned by the Village are located outside of the Urbanized Area and are not regulated by the NPDES Storm Water Program. A SWPPP is not required for these facilities, nor is a certified storm water operator required.

9.3.6 Storage, Collection, Transport, and Disposal of Refuse

All refuse generated by the Village is stored, collected, transported, and disposed outside of the Urbanized Area.

9.4 Flood Control Structures

The Village has no existing flood control structures and none are planned. Long-time residents have indicated that there has not been any flooding in the Village from White Creek in more than forty years.

9.5 Pesticides and Fertilizers

The Village does not routinely use any pesticides or fertilizers on any public or private property, except for mosquito control. Mosquito control chemicals are applied by a licensed applicator in accordance with the labeling instructions. To be a licensed applicator, proper training is required. Phosphorus fertilizer may be used only if soil tests conducted every 4 years show a phosphorous deficit. The contract with the golf course maintenance provider calls for discretionary use of fertilizers by licensed operator only. The golf course is outside the Urbanized Area and is not regulated by the NPDES Storm Water Program.

9.7 Training Program

The Village will utilize training materials that are available from the U.S. Environmental Protection Agency (USEPA), the State, the SWMPC, or other organizations. The program shall include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, illicit discharges, new construction, and storm water system maintenance. All new employees shall undergo training at the onset of employment, at least during the first year of employment. Existing employees will receive refresher training at least every five years. Contractors hired by the Village to perform municipal operation and maintenance activities will be provided training materials. The contract employees maintaining the golf course work only on the golf course which is outside the Urbanized Area. Therefore training is not mandatory, but recommended.



10 Total Maximum Daily Loads (TMDL)

EGLE has asserted that the state-wide TMDL for *E. coli* applies to Grand Beach. The Village has agreed to address the most likely source of *E. coli* in the Village's stormwater: pet waste. Signs will be posted in strategic locations reminding residents and guests to pick up after their pets.

Testing will be completed at least once per month during the summer season by the Berrien County Health Department along White Ditch/Creek at Ravine Bridge and at the State Line.

If *E. coli* levels are found to increase dramatically between the upstream and downstream monitoring points, the Village will follow the procedures set in the Illicit Discharge Elimination Program as outlined in Chapter 6.



11 SCHEDULE OF IMPLEMENTATION AND MEASURABLE GOALS

Table 3 – Schedule of Implementation and Measurable Goals

Action Item	Measure	Deadline
Bulletins mailed with water bills – See 4.1.3 for list of potential content	Number of bulletins mailed	Summer 2024, 2026, 2028 (optional)
Notices posted to the Village's public notice bulletin boards	Number of bulletin boards posted upon	Summer 2024, 2026, 2028 (optional)
Information available from the Village's website (SWMPC Materials)	Listing of storm water related content	Current and continuing
Spring Newsletter to contain a link to Storm Water Management Program (SWMP) educational information. See 4.1.5 for list of potential content	Confirmation that link was included in Newsletter	Spring 2023 2024, 2025, 2026, 2027,
Allow for public comment at every regularly scheduled council meeting	Confirmation that agendas contain public comment period	Current and continuing
Track PEP Progress	Brief citizen survey	Conducted by SWMPC
Inspect and clean (as needed) sediment and vegetative residue from catchbasins each year	Number of catchbasins cleaned and estimated volume of residue removed	Current and continuing
Maintain trucks and tractors at the Village garage or at commercial facilities	Confirmation that procedure is being followed	Current and continuing
Confirm that runoff from vehicle wash-down goes into the adjacent vegetated soil	Confirmation that procedure is being followed	Current and continuing
DPW staff will receive training on identification of illicit discharges, reporting, pollution prevention, and good housekeeping (use DVD from SWMPC)	Number of employees receiving training	Refresher every 5 years; new permanent employees during first year of employment
Confirm building inspector aware of stormwater duties	Confirmation of communication	Current and continuing



Action Item	Measure	Deadline
Village Planning and Zoning Committee will review site plans to prevent any illicit connections	Confirmation of procedure being followed	Current and continuing
Documented dry weather outfall inspections	Inspection reports on every outfall	Before the fall of 2024, 2029
Continue implementation of on-site storm water management policy	Compare the number of Building Permits for new construction or re-development (involving soil disturbances of 1 acre or more) with the number of Storm Water Management Agreements. Explain any differences.	Current and continuing
Building inspector will not issue building permits without assurance that storm water generated during construction will be managed onsite	Confirmation of procedure being followed	Current and continuing
Building inspector will not issue building permits without assurance that storm water generated after construction will be managed onsite	Confirmation of procedure being followed	Current and continuing
Test soils before using phosphorus fertilizers on Village property within the Urbanized Area	Confirmation of procedure being followed.	Current and continuing



12 RECEIVING WATER QUALITY STATUS

Water quality monitoring conducted by the Berrien County Health Department of the Public Beach at Grand Beach is presented in Appendix 1. Only ten days in twenty-one years of sampling indicated a water quality standard violation for bacterial quality. This is an excellent record indicating superlative water quality. The water quality of White Creek is known to be variable, however no studies are known to be available that quantify the changes or identify the source or cause of the variability. The occasional discoloration of the water may be due to natural decomposition of vegetation in upstream wetlands or anthropogenic contamination from agricultural operations. The discoloration is unlikely to be caused by urban storm water impacts and certainly not caused by storm water discharges within Grand Beach.

13 RECEIVING WATER QUALITY STRESSES

The Grand Beach area contains High Risk Erosion Areas and Critical Dunes. High Risk Erosion Areas are those shorelands of the Great Lakes where erosion has been occurring at a long-term average rate of one foot or more per year. The erosion may be caused by high water levels, storms, wind, groundwater seepage, surface water runoff, or frost, among other causes. While many of these factors occur naturally, surface water runoff and irresponsible development can increase erosion rates. Critical Dune Areas have been designated by EGLE. All development within High Risk Erosion Areas and Critical Dune Areas must be done in accordance with permits issued by EGLE.



Appendix 1 – Forms & Data

- a. Grand Beach Storm Water Management Program - Non-Compliance and Illicit Discharge Tracking Sheet
- b. IDEP Dry Weather Screening Data Sheet
- c. Lake Michigan Water Quality Data at Grand Beach



a. Grand Beach Storm Water Management Program - Non-Compliance and Illicit Discharge Tracking Sheet

Village of Grand Beach, Michigan
Water Pollution Report
Non-Compliance and Illicit Discharge Tracking Sheet

INCIDENT NUMBER		Entry made by:
DATE		
NAME OF PERSON MAKING REPORT		
NAME OF VIOLATOR		
LOCATION OF THE VIOLATION		
DESCRIPTION OF THE VIOLATION		
NAME OF INVESTIGATOR		
DATE OF INVESTIGATION		
RESULT OF INVESTIGATION		
ACTION TAKEN		
DATE ACTION WAS TAKEN		
ACTION CONFIRMING RESOLUTION		
DATE RESOLUTION CONFIRMED		
ADDITIONAL INFORMATION (include date of comment)		



c. Lake Michigan Water Quality Data at Grand Beach

Sample Date	Sample Type	Result Value
2022		
8/29/2022 10:05	Composite	20
8/23/2022 10:15	Composite	36
8/15/2022 9:40	Composite	<1
8/8/2022 9:35	Composite	30
8/2/2022 9:40	Composite	7
7/25/2022 9:40	Composite	5
7/18/2022 10:45	Composite	12
7/11/2022 10:00	Composite	33
7/6/2022 12:25	Composite	4
7/5/2022 10:00	Composite	870*
6/28/2022 9:35	Composite	7
6/20/2022 10:10	Composite	17
6/13/2022 10:00	Composite	3
6/6/2022 10:25	Composite	2
5/31/2022 10:30	Composite	11
5/23/2022 10:30	Composite	3
2021		
8/30/2021 10:10	Composite	15
8/23/2021 10:55	Composite	1
8/16/2021 10:15	Composite	<1
8/9/2021 9:52	Composite	9
8/3/2021 10:05	Composite	1
7/26/2021 10:20	Composite	6
7/19/2021 10:35	Composite	1
7/12/2021 10:20	Composite	42
7/6/2021 10:26	Composite	4
6/28/2021 10:21	Composite	5
6/22/2021 10:40	Composite	20
6/15/2021 10:07	Composite	7
6/7/2021 10:15	Composite	1
6/1/2021 10:25	Composite	1
5/24/2021 10:30	Composite	3
2020		
8/31/2020 10:10	Composite	3
8/24/2020 9:55	Composite	3
8/19/2020 10:10	Composite	4
8/10/2020 10:10	Composite	150
8/5/2020 9:55	Composite	4
7/27/2020 10:05	Composite	5
7/20/2020 10:30	Composite	26

7/13/2020 10:10	Composite	11
7/6/2020 9:50	Composite	4
6/29/2020 9:45	Composite	9
6/22/2020 10:00	Composite	1
6/15/2020 9:45	Composite	<1
6/8/2020 10:35	Composite	<1
6/1/2020 10:25	Composite	<1
5/26/2020 9:00	Composite	45
5/18/2020 10:10	Composite	5
2019		
8/26/2019 10:30	Composite	2
8/19/2019 10:20	Composite	<2
8/12/2019 10:17	Composite	2
8/5/2019 10:15	Composite	16
7/29/2019 10:25	Composite	18
7/23/2019 10:30	Composite	26
7/15/2019 10:35	Composite	26
7/8/2019 10:56	Composite	4
7/1/2019 10:54	Composite	34
6/24/2019 9:55	Composite	2
6/17/2019 10:05	Composite	140
6/11/2019 10:56	Composite	110
6/3/2019 10:58	Composite	2
5/28/2019 10:37	Composite	40
2018		
9/4/2018 8:40	Composite	<2
8/27/2018 9:10	Composite	6
8/20/2018 9:30	Composite	2
8/13/2018 10:45	Composite	2
8/7/2018 10:25	Composite	<2
7/30/2018 10:40	Composite	<2
7/23/2018 11:00	Composite	18
7/16/2018 10:20	Composite	20
7/9/2018 10:25	Composite	22
7/2/2018 10:30	Composite	44
6/25/2018 10:27	Composite	6
6/18/2018 10:45	Composite	4
6/11/2018 10:10	Composite	20
6/5/2018 12:00	Composite	28
2017		
9/18/2017 8:20	Composite	26
9/11/2017 8:32	Composite	6
8/28/2017 8:34	Composite	8



8/21/2017 8:20	Composite	32
8/14/2017 9:00	Composite	8
8/7/2017 9:30	Composite	6
7/31/2017 9:30	Composite	<2
7/25/2017 9:25	Composite	6
7/17/2017 8:35	Composite	60
7/11/2017 8:35	Composite	32
7/3/2017 8:20	Composite	2
6/27/2017 8:55	Composite	18
6/19/2017 8:30	Composite	32
6/12/2017 8:40	Composite	120
2016		
9/12/2016 8:30	Composite	60
9/6/2016 10:20	Composite	18
8/29/2016 8:28	Composite	70
8/22/2016 8:00	Composite	50
8/15/2016 8:30	Composite	28
8/8/2016 8:00	Composite	8
8/1/2016 8:30	Composite	8
7/25/2016 8:00	Composite	210
7/18/2016 8:10	Composite	18
7/11/2016 8:18	Composite	4
7/5/2016 9:10	Composite	10
6/27/2016 8:10	Composite	100
6/20/2016 8:05	Composite	70
6/13/2016 9:25	Composite	26
2015		
9/8/2015 7:55	Composite	150
8/31/2015 8:05	Composite	6
8/17/2015 8:06	Composite	32
8/10/2015 8:32	Composite	16
8/3/2015 9:40	Composite	44.1
7/27/2015 9:20	Composite	4.1
7/20/2015 9:15	Composite	17.3
7/14/2015 9:15	Composite	187.2
7/6/2015 8:40	Composite	36.9
6/29/2015 8:05	Composite	3.1
6/22/2015 8:10	Composite	3.1
6/15/2015 8:10	Composite	15.8
2014		
9/8/2014 9:17	Individual	30
9/8/2014 9:16	Individual	20
9/8/2014 9:15	Individual	20
9/8/2014	30-Day Mean	52.7678
9/8/2014	Daily Mean	22.8943

9/2/2014 8:35	Individual	130
9/2/2014 8:33	Individual	140
9/2/2014 8:31	Individual	120
9/2/2014	Daily Mean	129.743
8/25/2014 8:34	Individual	<10
8/25/2014 8:32	Individual	10
8/25/2014 8:30	Individual	<10
8/25/2014	Daily Mean	10
8/18/2014 8:44	Individual	180
8/18/2014 8:42	Individual	120
8/18/2014 8:40	Individual	160
8/18/2014	Daily Mean	151.191
8/11/2014 9:04	Individual	70
8/11/2014 9:02	Individual	90
8/11/2014 9:00	Individual	120
8/11/2014	Daily Mean	91.0977
8/4/2014 9:28	Individual	10
8/4/2014 9:25	Individual	230
8/4/2014 9:22	Individual	20
8/4/2014	Daily Mean	35.8305
7/29/2014 9:21	Individual	150
7/29/2014 9:18	Individual	100
7/29/2014 9:15	Individual	140
7/29/2014	Daily Mean	128.058
7/21/2014 8:06	Individual	10
7/21/2014 8:03	Individual	10
7/21/2014 8:00	Individual	<10
7/21/2014	Daily Mean	10
7/14/2014 8:34	Individual	170
7/14/2014 8:32	Individual	100
7/14/2014 8:30	Individual	140
7/14/2014	Daily Mean	133.514
7/7/2014 10:21	Individual	100
7/7/2014 10:18	Individual	80
7/7/2014 10:15	Individual	50
7/7/2014	Daily Mean	73.6806
6/30/2014 8:34	Individual	110
6/30/2014 8:32	Individual	100
6/30/2014 8:30	Individual	170
6/30/2014	Daily Mean	123.201
6/23/2014 13:04	Individual	10
6/23/2014 13:02	Individual	30
6/23/2014 13:00	Individual	40
6/23/2014	Daily Mean	22.8943
6/16/2014 8:24	Individual	20
6/16/2014 8:22	Individual	<10



6/16/2014 8:20	Individual	20
6/16/2014	Daily Mean	15.874
6/9/2014 8:24	Individual	80
6/9/2014 8:22	Individual	80
6/9/2014 8:20	Individual	90
6/9/2014	Daily Mean	83.2034
6/3/2014 15:20	Individual	60
6/3/2014 15:15	Individual	160
6/3/2014 15:10	Individual	40
6/3/2014	Daily Mean	72.6848
6/2/2014 8:24	Individual	200
6/2/2014 8:22	Individual	1200
6/2/2014 8:20	Individual	180
6/2/2014	Daily Mean	350.882 *
5/27/2014 8:24	Individual	10
5/27/2014 8:22	Individual	10
5/27/2014 8:20	Individual	20
5/27/2014	Daily Mean	12.5992
2013		
9/9/2013 9:38	Individual	34
9/9/2013 9:34	Individual	4
9/9/2013 9:30	Individual	10
9/9/2013	Daily Mean	11.0793
9/3/2013 8:49	Individual	10
9/3/2013 8:47	Individual	16
9/3/2013 8:45	Individual	18
9/3/2013	Daily Mean	14.2276
8/26/2013 10:58	Individual	52
8/26/2013 10:54	Individual	64
8/26/2013 10:50	Individual	28
8/26/2013	Daily Mean	45.3364
8/19/2013 8:54	Individual	4
8/19/2013 8:52	Individual	2
8/19/2013 8:50	Individual	<2
8/19/2013	Daily Mean	2.5198
8/12/2013 8:59	Individual	120
8/12/2013 8:57	Individual	230
8/12/2013 8:55	Individual	160
8/12/2013	Daily Mean	164.063
8/5/2013 8:44	Individual	32
8/5/2013 8:42	Individual	34
8/5/2013 8:40	Individual	38
8/5/2013	Daily Mean	34.5783
7/30/2013 9:02	Individual	6
7/30/2013 9:00	Individual	4

7/30/2013 8:58	Individual	4
7/30/2013	Daily Mean	4.5789
7/22/2013 8:43	Individual	4
7/22/2013 8:41	Individual	2
7/22/2013 8:39	Individual	2
7/22/2013	Daily Mean	2.5198
7/15/2013 8:39	Individual	2
7/15/2013 8:37	Individual	2
7/15/2013 8:35	Individual	<2
7/15/2013	Daily Mean	2
7/8/2013 8:47	Individual	76
7/8/2013 8:45	Individual	82
7/8/2013 8:43	Individual	140
7/8/2013	Daily Mean	95.5547
6/24/2013 8:19	Individual	70
6/24/2013 8:17	Individual	80
6/24/2013 8:15	Individual	50
6/24/2013	Daily Mean	65.4213
6/17/2013 8:10	Individual	<2
6/17/2013 8:08	Individual	2
6/17/2013 8:06	Individual	2
6/17/2013	Daily Mean	2
6/10/2013 8:49	Individual	<2
6/10/2013 8:47	Individual	<2
6/10/2013 8:45	Individual	10
6/10/2013	Daily Mean	3.42
6/3/2013 9:04	Individual	52
6/3/2013 9:02	Individual	48
6/3/2013 9:00	Individual	90
6/3/2013	Daily Mean	60.7896
5/28/2013 7:19	Individual	<2
5/28/2013 7:17	Individual	<2
5/28/2013 7:15	Individual	8
5/28/2013	Daily Mean	3.1748
5/20/2013 8:10	Individual	<2
5/20/2013 8:10	Individual	<2
5/20/2013 8:10	Individual	<2
5/20/2013	Daily Mean	2
2012		
9/17/2012 7:25	Individual	10
9/17/2012 7:25	Individual	<10
9/17/2012 7:25	Individual	10
9/17/2012	Daily Mean	10
9/10/2012 9:49	Individual	40
9/10/2012 9:46	Individual	360



9/10/2012 9:43	Individual	20
9/10/2012	Daily Mean	66.0385
9/5/2012 12:34	Individual	90
9/5/2012 12:32	Individual	10
9/5/2012 12:30	Individual	40
9/5/2012	Daily Mean	33.0193
9/4/2012 9:43	Individual	9000
9/4/2012 9:40	Individual	4600
9/4/2012 9:37	Individual	140
9/4/2012	Daily Mean	1796.29 *
8/28/2012 12:06	Individual	190
8/28/2012 12:04	Individual	<10
8/28/2012 12:02	Individual	10
8/28/2012	Daily Mean	26.684
8/27/2012 8:35	Individual	380
8/27/2012 8:35	Individual	460
8/27/2012 8:35	Individual	310
8/27/2012	Daily Mean	378.414 *
8/20/2012 8:40	Individual	10
8/20/2012 8:40	Individual	10
8/20/2012 8:40	Individual	10
8/20/2012	Daily Mean	10
8/13/2012 8:20	Individual	20
8/13/2012 8:20	Individual	10
8/13/2012 8:20	Individual	30
8/13/2012	Daily Mean	18.1712
8/6/2012 8:20	Individual	50
8/6/2012 8:20	Individual	30
8/6/2012 8:20	Individual	50
8/6/2012	Daily Mean	42.1716
7/30/2012 8:30	Individual	<10
7/30/2012 8:30	Individual	10
7/30/2012 8:30	Individual	<10
7/30/2012	Daily Mean	10
7/23/2012 9:20	Individual	160
7/23/2012 9:20	Individual	140
7/23/2012 9:20	Individual	100
7/23/2012	Daily Mean	130.843
7/16/2012 9:52	Individual	10
7/16/2012 9:50	Individual	<10
7/16/2012 9:48	Individual	<10
7/16/2012	Daily Mean	10
7/9/2012 9:45	Individual	30
7/9/2012 9:42	Individual	60
7/9/2012 9:39	Individual	60
7/9/2012	Daily Mean	47.622

7/2/2012 9:46	Individual	10
7/2/2012 9:43	Individual	<10
7/2/2012 9:40	Individual	10
7/2/2012	Daily Mean	10
6/26/2012 9:34	Individual	70
6/26/2012 9:32	Individual	30
6/26/2012 9:30	Individual	60
6/26/2012	Daily Mean	50.133
6/11/2012 8:35	Individual	<10
6/11/2012 8:35	Individual	<10
6/11/2012 8:35	Individual	<10
6/11/2012	Daily Mean	10
6/4/2012 10:36	Individual	160
6/4/2012 10:33	Individual	110
6/4/2012 10:30	Individual	60
6/4/2012	Daily Mean	101.833
5/29/2012 9:10	Individual	30
5/29/2012 9:10	Individual	60
5/29/2012 9:10	Individual	40
5/29/2012	Daily Mean	41.6017
2011		
9/6/2011 8:50	Individual	40
9/6/2011 8:50	Individual	40
9/6/2011 8:50	Individual	20
9/6/2011	Daily Mean	31.748
8/29/2011 9:28	Individual	180
8/29/2011 9:25	Individual	200
8/29/2011 9:22	Individual	200
8/29/2011	Daily Mean	193.098
8/22/2011 8:30	Individual	<10
8/22/2011 8:30	Individual	10
8/22/2011 8:30	Individual	<10
8/22/2011	Daily Mean	10
8/16/2011 10:00	Individual	520
8/16/2011 10:00	Individual	470
8/16/2011 10:00	Individual	10
8/16/2011	Daily Mean	134.7
8/1/2011 8:20	Individual	230
8/1/2011 8:20	Individual	250
8/1/2011 8:20	Individual	240
8/1/2011	Daily Mean	239.861
7/18/2011 8:30	Individual	120
7/18/2011 8:30	Individual	40
7/18/2011 8:30	Individual	160
7/18/2011	Daily Mean	91.5771



7/18/2011	30-Day Mean	39.3419
7/13/2011 9:55	Individual	130
7/13/2011 9:52	Individual	90
7/13/2011 9:49	Individual	90
7/13/2011	30-Day Mean	29.3768
7/13/2011	Daily Mean	101.736
7/5/2011 9:24	Individual	<2
7/5/2011 9:22	Individual	<2
7/5/2011 9:20	Individual	<2
7/5/2011	Daily Mean	2
6/27/2011 7:50	Individual	10
6/27/2011 7:50	Individual	<2
6/27/2011 7:50	Individual	10
6/27/2011	Daily Mean	5.848
6/24/2011 14:00	Individual	80
6/24/2011 14:00	Individual	80
6/24/2011 14:00	Individual	60
6/24/2011	Daily Mean	72.6848
6/22/2011 11:30	Individual	>1000
6/22/2011 11:30	Individual	540
6/22/2011 11:30	Individual	190
6/22/2011	Daily Mean	468.147 *
6/13/2011 8:20	Individual	10
6/13/2011 8:20	Individual	20
6/13/2011 8:20	Individual	20
6/13/2011	Daily Mean	15.874
6/13/2011	30-Day Mean	115.588
6/6/2011 8:25	Individual	100
6/6/2011 8:25	Individual	80
6/6/2011 8:25	Individual	230
6/6/2011	Daily Mean	122.538
5/31/2011 8:50	Individual	20
5/31/2011 8:45	Individual	50
5/31/2011 8:45	Individual	40
5/31/2011	Daily Mean	34.1995
5/23/2011 8:55	Individual	100
5/23/2011 8:55	Individual	240
5/23/2011 8:55	Individual	200
5/23/2011	Daily Mean	168.686
5/18/2011 13:05	Individual	500
5/18/2011 8:55	Individual	100
5/18/2011 8:55	Individual	240
5/18/2011	Daily Mean	430.887 *
5/16/2011 10:00	Individual	800
5/16/2011 10:00	Individual	>1000

5/16/2011 10:00	Individual	>1000
5/16/2011	Daily Mean	928.318 *
2010		
8/30/2010	Daily Mean	47.622
8/30/2010	Individual	100
8/30/2010	Individual	36
8/30/2010	Individual	30
8/23/2010	Individual	160
8/23/2010	Individual	170
8/23/2010	Individual	40
8/23/2010	Daily Mean	102.851
8/23/2010	30-Day Mean	73.9064
8/18/2010	30-Day Mean	60.0222
8/18/2010	Daily Mean	54.8481
8/18/2010	Individual	50
8/18/2010	Individual	110
8/18/2010	Individual	30
8/2/2010	Individual	10
8/2/2010	Individual	8
8/2/2010	Individual	12
8/2/2010	Daily Mean	9.8648
8/2/2010	30-Day Mean	62.8519
7/29/2010	30-Day Mean	88.9429
7/29/2010	Daily Mean	75.5953
7/29/2010	Individual	80
7/29/2010	Individual	60
7/29/2010	Individual	90
7/26/2010	Individual	400
7/26/2010	Individual	600
7/26/2010	Individual	600
7/26/2010	Daily Mean	524.148 *
7/26/2010	30-Day Mean	95.9437
7/19/2010	30-Day Mean	39.4467
7/19/2010	Daily Mean	41.1953
7/19/2010	Individual	10
7/19/2010	Individual	60
7/19/2010	Individual	60
7/19/2010	Individual	80
7/12/2010	Individual	70
7/12/2010	Individual	100
7/12/2010	Individual	120
7/12/2010	Daily Mean	94.3539
7/12/2010	30-Day Mean	43.6618
7/6/2010	30-Day Mean	47.5542
7/6/2010	Daily Mean	46.7111



7/6/2010	Individual	28
7/6/2010	Individual	28
7/6/2010	Individual	130
6/28/2010	Individual	120
6/28/2010	Individual	110
6/28/2010	Individual	110
6/28/2010	Daily Mean	113.237
6/28/2010	30-Day Mean	74.7854
6/21/2010	30-Day Mean	43.4239
6/21/2010	Daily Mean	4.5789
6/21/2010	Individual	4
6/21/2010	Individual	4
6/21/2010	Individual	6
6/14/2010	Individual	74
6/14/2010	Individual	58
6/14/2010	Individual	78
6/14/2010	Daily Mean	69.436
6/14/2010	30-Day Mean	63.1768
6/7/2010	30-Day Mean	61.9943
6/7/2010	Daily Mean	144.609
6/7/2010	Individual	120
6/7/2010	Individual	180
6/7/2010	Individual	140
6/3/2010	Individual	44
6/3/2010	Individual	24
6/3/2010	Individual	36
6/3/2010	Daily Mean	33.6245
6/2/2010	Daily Mean	216.629
6/2/2010	Individual	260
6/2/2010	Individual	230
6/2/2010	Individual	170
6/1/2010	Individual	580
6/1/2010	Individual	590
6/1/2010	Individual	120
6/1/2010	Daily Mean	345.001 *
5/24/2010	Daily Mean	2.5198
5/24/2010	Individual	<2
5/24/2010	Individual	<2
5/24/2010	Individual	4
2009		
9/14/2009	Individual	38
9/14/2009	Individual	12
9/14/2009	Individual	14
9/14/2009	Daily Mean	18.5509

9/8/2009	Daily Mean	37.8907
9/8/2009	Individual	34
9/8/2009	Individual	40
9/8/2009	Individual	40
8/31/2009	Individual	90
8/31/2009	Individual	80
8/31/2009	Individual	70
8/31/2009	Daily Mean	79.5811
8/24/2009	Daily Mean	41.2912
8/24/2009	Individual	22
8/24/2009	Individual	32
8/24/2009	Individual	100
8/17/2009	Individual	80
8/17/2009	Individual	190
8/17/2009	Individual	90
8/17/2009	Daily Mean	111.01
8/10/2009	Daily Mean	65.4213
8/10/2009	Individual	40
8/10/2009	Individual	70
8/10/2009	Individual	100
8/3/2009	Individual	20
8/3/2009	Individual	22
8/3/2009	Individual	18
8/3/2009	Daily Mean	19.9331
7/27/2009	Daily Mean	33.2813
7/27/2009	Individual	32
7/27/2009	Individual	32
7/27/2009	Individual	36
7/20/2009	Individual	4
7/20/2009	Individual	8
7/20/2009	Individual	4
7/20/2009	Daily Mean	5.03968
7/14/2009	Daily Mean	16.1343
7/14/2009	Individual	10
7/14/2009	Individual	30
7/14/2009	Individual	14
7/6/2009	Individual	80
7/6/2009	Individual	44
7/6/2009	Individual	36
7/6/2009	Daily Mean	50.2283
6/23/2009	Daily Mean	3.1748
6/23/2009	Individual	4
6/23/2009	Individual	<2
6/23/2009	Individual	4
6/15/2009	Individual	16
6/15/2009	Individual	12



6/15/2009	Individual	<2
6/15/2009	Daily Mean	7.26848
6/8/2009	Daily Mean	79.5811
6/8/2009	Individual	210
6/8/2009	Individual	40
6/8/2009	Individual	60
6/1/2009	Individual	80
6/1/2009	Individual	100
6/1/2009	Individual	66
6/1/2009	Daily Mean	>80.8248
2008		
8/20/2008	Daily Mean	5
8/13/2008	Daily Mean	4
8/6/2008	Daily Mean	18
7/30/2008	Daily Mean	38
7/22/2008	Daily Mean	148
7/15/2008	Daily Mean	2
7/9/2008	Daily Mean	184
7/2/2008	Daily Mean	28
6/24/2008	Daily Mean	16
6/17/2008	Daily Mean	7
6/11/2008	Daily Mean	3
6/3/2008	Daily Mean	4
5/28/2008	Daily Mean	4
5/19/2008	Daily Mean	10
2007		
8/13/2007	Daily Mean	16
8/6/2007	Daily Mean	21
7/30/2007	Daily Mean	22
7/23/2007	Daily Mean	9
7/16/2007	Daily Mean	9
7/9/2007	Daily Mean	26
7/2/2007	Daily Mean	4
6/28/2007	Daily Mean	193
6/12/2007	Individual	2
6/12/2007	Individual	2
6/12/2007	Individual	2
6/5/2007	Individual	38
6/5/2007	Individual	66
6/5/2007	Individual	10
5/29/2007	Individual	48
5/29/2007	Individual	16
5/29/2007	Individual	74
5/22/2007	Individual	2
5/22/2007	Individual	2
5/22/2007	Individual	2

2006		
8/29/2006	Daily Mean	240
8/22/2006	Daily Mean	59
8/16/2006	Daily Mean	6
8/8/2006	Daily Mean	17
7/25/2006	Daily Mean	35
7/17/2006	Daily Mean	86
7/11/2006	Daily Mean	50
7/11/2006	Daily Mean	36
7/5/2006	Daily Mean	24
6/27/2006	Daily Mean	10
6/20/2006	Daily Mean	17
6/13/2006	Daily Mean	10
6/6/2006	Daily Mean	18
5/30/2006	Daily Mean	2
5/22/2006	Individual	2
2005		
9/11/2005	Daily Mean	3
9/6/2005	Daily Mean	1
8/22/2005	Daily Mean	16
8/15/2005	Daily Mean	19
8/8/2005	Daily Mean	3
8/1/2005	Daily Mean	2
7/25/2005	Daily Mean	10
7/18/2005	Daily Mean	16
7/13/2005	Daily Mean	3
7/8/2005	Daily Mean	21
6/20/2005	Daily Mean	4
6/15/2005	Daily Mean	54
2004		
8/18/2004	Daily Mean	128
8/16/2004	Daily Mean	4
8/11/2004	Daily Mean	11
8/9/2004	Daily Mean	21
8/2/2004	Daily Mean	47
7/28/2004	Daily Mean	7
7/26/2004	Daily Mean	10
7/21/2004	Daily Mean	21
7/19/2004	Daily Mean	28
7/7/2004	Daily Mean	50
6/30/2004	Daily Mean	9
6/28/2004	Daily Mean	65
6/28/2004	Daily Mean	37
6/24/2004	Daily Mean	14
6/16/2004	Daily Mean	5
6/15/2004	Daily Mean	28



6/7/2004	Daily Mean	7
6/3/2004	Daily Mean	21
2003		
8/11/2003	Daily Mean	1
8/6/2003	Daily Mean	57.07
7/22/2003	Daily Mean	385.75*
7/14/2003	Daily Mean	1.26

6/30/2003	Daily Mean	8.76
6/23/2003	Daily Mean	4.64
2002		
8/12/2002	Daily Mean	11.29
8/5/2002	Daily Mean	5.24
8/5/2002	Daily Mean	5.24

* - Indicates that the value exceeds 300/100ml, the Michigan Water Quality Standard (R 323.1062) as a daily geometric mean for full body contact.



Appendix 2 – Storm Water Ordinance – ORDINANCE NO. 2021-101

VILLAGE OF GRAND BEACH
COUNTY OF BERRIEN
STATE OF MICHIGAN
ORDINANCE NO. 2021-101

AN ORDINANCE TO REGULATE NON-STORM WATER DISCHARGES TO THE STORM WATER DRAINAGE SYSTEM TO THE MAXIMUM EXTENT PRACTICABLE AS REQUIRED BY FEDERAL AND STATE LAW; TO ESTABLISH METHODS FOR CONTROLLING THE INTRODUCTION OF POLLUTANTS INTO THE STORM WATER DRAINAGE SYSTEM IN ORDER TO COMPLY WITH REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT PROCESS; TO PROVIDE FOR PAYMENT OR REIMBURSEMENT OF COSTS AND EXPENSES INCURRED BY THE VILLAGE OF GRAND BEACH ASSOCIATED WITH NONCOMPLIANCE; TO PROVIDE FOR THE INSPECTION, SAMPLING, AND MONITORING OF STORM WATER AND OTHER DISCHARGES; AND TO PROVIDE PENALTIES FOR VIOLATIONS OF THE ORDINANCE.

Upon a motion made by Village Council member Paul Leonard and seconded by Council Member Blake O'Halloran:

THE VILLAGE OF GRAND BEACH ORDAINS:

ARTICLE I GENERAL

SECTION 1.01 STATUTORY AUTHORITY AND TITLE

This Ordinance is adopted in accordance with the Home Rule Village Act, as amended, being MCL 78.1, et seq.; the Drain Code of 1956, as amended, being MCL 280.1, et seq.; the Land Division Act, as amended, being MCL 560.1, et seq.; the Revenue Bond Act, as amended, being MCL 141.101, et seq.; the Natural Resources and Environmental Protection Act, as amended, being MCL 324.101, et seq.; Section 401(p) of the Federal Water Pollution Control Act (also known as the Clean Water Act), as amended, being 33 USC 1342(p) and 40 CFR Parts 9, 122, 123, and 124; and other applicable state and federal laws.

The Village shall administer, implement, and enforce the provisions of the ordinance. Any powers granted, or duties imposed, upon the Village may be delegated in writing by the Village Council of the Village of Grand Beach to persons or entities acting in the beneficial interest of, or in the employ of the Village.

This ordinance shall be known as and may be referred to as the Village of Grand Beach "Storm Water Ordinance".

SECTION 1.02 FINDINGS

The Village Council of the Village of Grand Beach finds that:

- (1) The municipal separate storm sewer system, owned and operated by the Village, is intended, designed, and constructed for the sole purpose of providing drainage to the Village system of roadways and other Village owned property.
- (2) At the time of adoption of this ordinance, a few private properties may have incidental discharges of storm water directly or indirectly into the Village storm sewer system.



(3) Illicit discharges may contain pollutants that will significantly degrade the stream and Lake Michigan and water resources of the Village, thus threatening the health, safety, and welfare of the citizenry.

(4) Illicit discharges enter the Village storm sewer system through either direct connections (e.g., wastewater piping either mistakenly or deliberately connected to the storm drains) or indirect connections (e.g., infiltration into the storm drain system or spills flowing to drain inlets).

(5) Establishing the measures for controlling illicit discharges and connections contained in this Ordinance and implementing the same will address many of the deleterious effects of illicit discharges.

(6) Any condition caused or permitted to exist in violation of any of the provisions of this Ordinance is a threat to public health, safety, and welfare, and is declared and deemed a nuisance.

SECTION 1.03 PURPOSE

It is the purpose of this Ordinance to establish minimum storm water management requirements and controls to accomplish, among others, the following objectives:

(1) To regulate the contribution of storm water and pollutants to the Village storm sewer system and natural water bodies by storm water discharges by any user.

(2) To prohibit illicit discharges and connections to the Village storm sewer system and natural water bodies.

(3) To establish legal authority to carry out all inspection, surveillance, and monitoring procedures necessary to ensure compliance with this Ordinance.

(4) To provide appropriate remedies for failure to comply with this Ordinance.

SECTION 1.04 APPLICABILITY AND GENERAL PROVISIONS

This Ordinance shall apply to all discharges entering the Village storm sewer system and natural water bodies generated on any developed and undeveloped lands within the Village.

SECTION 1.05 DEFINITIONS

For the purpose of this Ordinance, the following words and phrases shall have the meanings respectively ascribed to them by this section, unless the context in which they are used specifically indicates otherwise:

Authorized Enforcement Agency: The Village of Grand Beach, and/or any persons or agencies designated to act as the Authorized Enforcement Agency by the Village Council of the Village of Grand Beach.

Best Management Practices (BMPs): Structural devices or nonstructural practices that are designed to prevent pollutants from entering storm water flows, to direct the flow of storm water, or to treat polluted storm water flows. Many BMPs may include, but shall not be limited to, those described in the Michigan Department of Environment Great Lakes & Energy Nonpoint Source Best Management Practices Manual. Equivalent practices and design criteria that accomplish the purposes of this Ordinance (including, but not limited to, minimizing storm water



runoff and preventing the discharge of pollutants into storm water) shall be as determined by the Village Engineer.

Clean Water Act: The Federal Water Pollution Control Act, 33 USC Section 1251 et seq., as amended, and the applicable regulations promulgated thereunder.

Discharge: means the introduction (intentionally or unintentionally, and directly or indirectly) of any liquid, substance, pollutant, or other material into the Village storm sewer system or natural water body.

Discharger: Any person or entity who directly or indirectly discharges storm water from any premises or property. Discharger also includes any employee, officer, director, partner, contractor, or other person who participates in, or is legally or factually responsible for, any act or omission that is, or results in, a discharge.

Drain: Any and all conduits, facilities, measures, areas, and structures that serve to convey, catch, hold, filter, store, and/or receive storm water or groundwater, either on a temporary or permanent basis.

Drainage: The collection, conveyance, or discharge of groundwater and/or surface water.

Drainage way: A drain, water body, or flood plain.

EGLE: The Michigan Department of Environment, Great Lakes, and Energy.

EPA: The U.S. Environmental Protection Agency.

Flood plain: The area, usually lowlands, adjoining the channel of a river, stream, or watercourse or lake, or other body of standing water, that has been or may be covered by flood water.

Hazardous Materials: Any solid, liquid, semisolid, or gaseous substance or material that because of its quantity, quality, concentration, or physical, chemical, or infectious characteristics may cause or significantly contribute to an increase in mortality or an increase in serious irreversible illness or serious incapacitating but reversible illness, or may pose a substantial present or potential hazard to human health or the environment if improperly treated, stored, transported, disposed of, or otherwise managed.

Illicit Connection: Any method, means, or conduit for conveying an illicit discharge into a natural water body or the Village storm sewer system.

Illicit Discharge: Any discharge to a water body or the Village storm sewer system that does not consist entirely of storm water, that is not authorized by the terms of an NPDES permit, or that is not an authorized discharge as defined by this Ordinance.

National Pollutant Discharge Elimination System (NPDES) Permit: A permit issued by the EPA or a state under authority delegated pursuant to the Clean Water Act that authorizes the discharge of pollutants to waters of the United States.

New development or significant redevelopment: The installation or construction of buildings, structures or other impervious surfaces on a site that disturbs one (1) acre of land or more, including projects less than one (1) acre that are part of a larger common plan or sale that would disturb one (1) acre or more. A development may include a land division, plat, site condominium, planned unit



development, mobile home park, private road or other special land use. At the discretion of the Authorized Enforcement Agency, new development or significant redevelopment includes smaller projects that require site plan review or building permits.

Non-Storm Water Discharge: Any discharge to the Village storm sewer system or a water body that is not composed entirely of storm water.

Person: An individual, firm, partnership, association, public or private corporation, public agency, instrumentality, or any other legal entity.

Pollutant: The term pollutant includes, but is not limited to, the following: any dredged spoil, solid waste, vehicle fluids, yard wastes, animal wastes, agricultural waste products, sediment, incinerator residue, sewage, garbage, sewage sludge, munitions, chemical wastes, biological wastes, radioactive materials, hazardous materials, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal, commercial, and agricultural waste, or any other contaminant or other substance defined as a pollutant under the Clean Water Act. Pollutant, also includes properties or characteristics of water, including, but not limited to, pH, heat, TSS, turbidity, color, BOD, COD, toxicity, and odor.

Premises: Any building, structure, lot, parcel of land, or portion of land, or property, whether improved or unimproved, including adjacent sidewalks and parking strips.

Property Owner: Any person having legal or equitable title to property or premises or any person having or exercising care, custody, or control over any property or premises.

State of Michigan Water Quality Standards: All applicable state rules, regulations, and laws pertaining to water quality, including the provisions of Section 3106 of Part 31 of 1994 PA 451, as amended.

Storm Sewer: A system of open or enclosed conduits and appurtenant structures intended to convey or manage storm water runoff, groundwater, and drainage.

Storm Sewer System: Storm sewers, conduits, curbs, gutters, catch basins, drains, ditches, pumping devices, parking lots, roads, or other man-made channels that are designed or used, singly or together in combination with one another, for collecting or conveying storm water.

Storm Water Pollution Prevention Plan: A document, that describes the BMPs and activities to be implemented by a person or business to identify sources of pollution or contamination at a site and the actions to eliminate or reduce pollutant discharges to storm water, a storm drain or the Village storm sewer system, and/or a water body to the maximum extent practicable.

Storm Water Runoff (or Storm Water): The runoff and drainage of precipitation resulting from rainfall, snowmelt, or other natural event or process.

Toxic Material: Any pollutant or combination of pollutants that is or can potentially be harmful to the public health or the environment, including, without limitation, those listed in 40 CFR 401.15 as toxic under the provisions of the Clean Water Act, or listed in the Critical Materials Register promulgated by the Michigan Department of Environment, Great Lakes and Energy, or as otherwise provided by local, state, or federal laws, rules, or regulations.



Wastewater: Any water or other liquid, other than uncontaminated storm water, discharged from a property or premises. The term includes any water that has in any way been used and degraded or physically or chemically altered.

Water Body: A river, lake, stream, creek, or other watercourse or wetlands.

ARTICLE II PROHIBITIONS AND AUTHORIZATIONS

SECTION 2.01 PROHIBITED DISCHARGES

(1) It is unlawful for any person to discharge, or cause to be discharged, to the Village storm sewer system or water body, directly or indirectly, any water, substance or material, unless specifically permitted by the Authorized Enforcement Agency.

(2) The Authorized Enforcement Agency is authorized to issue a permit authorizing incidental discharges of storm water directly or indirectly into the Village storm sewer system from private properties where such discharges were determined to exist prior to the effective date of this Ordinance. Such permit may not allow any non-stormwater discharges.

SECTION 2.02 PROHIBITED ILLICIT CONNECTIONS

(1) It is unlawful for any person to construct, use, maintain (or to allow the construction, use, maintenance or continued existence of) an illicit connection.

(2) This prohibition expressly includes, without limitation, illicit connections made prior to the effective date of this Ordinance, and regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.

SECTION 2.03 STORAGE OF HAZARDOUS OR TOXIC MATERIALS IN DRAINAGE WAY

Except as permitted by law, it shall be unlawful for any person to store or stockpile, within a drainage way, any hazardous or toxic materials, unless adequate protection and/or containment has been provided so as to prevent any such materials from entering the Village storm sewer system or water body.

ARTICLE III INSPECTION, MONITORING, REPORTING, AND RECORD KEEPING

SECTION 3.01 INSPECTION AND SAMPLING

The Authorized Enforcement Agency may inspect and/or obtain samples from discharger's property or premises as necessary to determine compliance with the requirements of this Ordinance. Upon request, the discharger shall allow the properly identified representatives of the Authorized Enforcement Agency to enter the property or premises of the discharger at all hours necessary for the purposes of such inspection, or investigation, including, but not limited to, smoke/dye testing, televising pipes, sampling, and excavation. The Authorized Enforcement Agency shall provide the discharger reasonable advance notice of the need for such access, if possible and consistent with protection of public health and safety and the environment. The properly identified representatives may place on the discharger's property or premises the equipment or devices used for such sampling or inspection. Unreasonable delays in allowing access to a property or premises is a violation of this Ordinance.



SECTION 3.02 STORMWATER MONITORING FACILITIES

If directed in writing to do so by the Authorized Enforcement Agency, a discharger of storm water runoff from any property or premises shall provide and operate equipment or devices for the monitoring of storm water runoff to provide for inspection, sampling, and flow measurement of each discharge to a water body or a storm water drainage system, as specified by the Authorized Enforcement Agency. The Authorized Enforcement Agency may require a discharger to provide and operate such equipment and devices if it is necessary or appropriate for the inspection, sampling, and flow measurement of discharges in order to determine whether adverse effects from, or as a result of, such discharges may occur. All such equipment and devices for the inspection, sampling, and flow measurement of discharges shall be installed and maintained at the discharger's expense in accordance with applicable laws, ordinances, and regulations.

SECTION 3.03 ACCIDENTAL DISCHARGES

Any discharger who accidentally discharges into the Village storm sewer system or a water body any substance other than an authorized discharge shall immediately notify the Authorized Enforcement Agency of the discharge. If the notification is given orally, a written report concerning the discharge shall be filed with the Authorized Enforcement Agency within five (5) days. The written report shall specify all of the following:

- (1) The composition of the discharge and the cause thereof.
- (2) The exact date, time, and estimated volume of the discharge.
- (3) All measures taken to clean up the discharge, all measures taken or proposed to be taken to mitigate any known or potential adverse impacts of the discharge, and all measures proposed to be taken to reduce and prevent any recurrences.
- (4) The names and telephone numbers of the individual making the report, and (if different) the individual who may be contacted for additional information regarding the discharge.

SECTION 3.04 RECORD KEEPING REQUIREMENT

Any person that violates the requirement of this Ordinance or that is subject to monitoring under this Ordinance shall retain and preserve for no less than three years any and all books, drawings, plans, prints, documents, memoranda, reports, correspondence, and records, including records on magnetic or electronic media, and any and all summaries of such records relating to monitoring, sampling, and chemical analysis of any discharge or storm water runoff from any property or premises connected with the violation or subject to monitoring.

ARTICLE IV ENFORCEMENT

SECTION 4.01 SANCTIONS FOR VIOLATION

- (1) Violation: Any person who (1) knew or should have known that a pollutant or substance was discharged contrary to any provision of this Ordinance, or contrary to any notice, order, permit, decision or determination promulgated, issued or made by the Authorized Enforcement Agency under this Ordinance; or (2) intentionally makes a false statement, representation, or certification in an application for, or form pertaining to a permit, or in a notice, report, or record required by this Ordinance, or in any other correspondence or communication, written or oral, with the Authorized Enforcement Agency regarding matters regulated by this Ordinance; or (3) intentionally falsifies, tampers with, or renders inaccurate any sampling or monitoring device or record required to be maintained by this Ordinance; or (4) commits any other act that is punishable under state law



by imprisonment for more than 90 days; shall, upon conviction, be guilty of a misdemeanor punishable by a fine of \$500 per violation, per day, or imprisonment for up to 90 days, or both in the discretion of the court.

SECTION 4.02 FAILURE TO COMPLY

The Authorized Enforcement Agency is authorized, after giving reasonable notice and opportunity for compliance, to correct any violation of this Ordinance or damage or impairment to the Village storm sewer system caused by a discharge and to bill the person causing the violation or discharge for the costs of the work to be reimbursed. The costs reimbursable under this section shall be in addition to fees, amounts or other costs and expenses required to be paid to the Authorized Enforcement Agency under other sections of this Ordinance.

SECTION 4.03 EMERGENCY MEASURES

If emergency measures are necessary to respond to a nuisance; to protect public safety, health, and welfare; and/or to prevent loss of life, injury, or damage to property, the Authorized Enforcement Agency is authorized to carry out or arrange for all such emergency measures. Property owners shall be responsible for the cost of such measures made necessary as a result of a violation of this Ordinance, and shall promptly reimburse the Village for all of such costs.

SECTION 4.04 COST RECOVERY FOR DAMAGE TO THE VILLAGE STORM SEWER SYSTEM

Any person who discharges to the Village storm sewer system or a water body, including, but not limited to, any person who causes or creates a discharge that violates any provision of this Ordinance, produces a deposit or obstruction or otherwise damages or impairs the Village storm sewer system, or causes or contributes to a violation of any federal, state, or local law governing the Village, shall be liable to and shall fully reimburse the Village for all expenses, costs, losses or damages (direct or indirect) payable or incurred by the Village as a result of any such discharge, deposit, obstruction, damage, impairment, violation, exceedance or noncompliance. The costs that must be reimbursed to the Village shall include, but shall not be limited to, all of the following:

- (1) All costs incurred by the Village in responding to the violation or discharge, including, expenses for any cleaning, repair or replacement work, and the costs of sampling, monitoring, and treatment, as a result of the discharge, violation, exceedance or noncompliance.
- (2) All costs to the Village of monitoring, surveillance, and enforcement in connection with investigating, verifying, and prosecuting any discharge, violation, exceedance, or noncompliance.
- (3) The full amount of any fines, assessments, penalties, and claims, including natural resource damages, levied against the Village, or any Village representative, by any governmental agency or third party as a result of a violation of applicable laws or regulations that is caused by or contributed to by any discharge, violation, exceedance, or noncompliance.
- (4) The full value of any Village staff time (including any required overtime), consultant and engineering fees, and actual attorney fees and defense costs (including the Village legal counsel and any special legal counsel), associated with responding to, investigating, verifying, and prosecuting any discharge, violation, exceedance or noncompliance, or otherwise enforcing the requirements



of this Ordinance.

SECTION 4.05 COLLECTION OF COSTS; LIEN

(1) Costs incurred by the Village pursuant to Sections 4.02, 4.03, 4.04, and 4.06(1) shall constitute a lien on the property or premises, which shall be enforceable in accordance with Act No. 94 of the Public Acts of 1933, as amended from time to time, or as otherwise authorized by law. Any such charges that are delinquent for six (6) months or more may be certified to the Village of Grand Beach Treasurer, who shall enter the lien on the next tax roll against the property or premises, the costs shall be collected, and the lien shall be enforced in the same manner as provided for in the collection of taxes assessed upon the roll and the enforcement of a lien for taxes. In addition to any other lawful enforcement methods, the Village shall have all remedies authorized by Act No. 94 of the Public Acts of 1933, as amended, and by other applicable laws.

(2) The failure by any person to pay any amounts required to be reimbursed to the Village as provided by this Ordinance shall constitute an additional violation of this Ordinance.

SECTION 4.06 SUSPENSION OF ACCESS TO THE STORM WATER DRAINAGE SYSTEM

(1) Suspension due to illicit discharges in emergency situations. The Authorized

(2) Enforcement Agency may, without prior notice, suspend access to the storm water drainage system to any property or premises when such suspension is necessary to stop an actual or threatened discharge that presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the storm water drainage system or a water body. If the property or premises owner fails to comply with a suspension order issued in an emergency, the Authorized Enforcement Agency may take such steps as deemed necessary to prevent or minimize damage to the Village storm sewer system or the environment, or to minimize danger to persons, and bill the property or premises owner for the costs incurred by the Village.

(3) Suspension due to the detection of illicit discharge. Any person discharging to the Village storm sewer system in violation of this Ordinance may have their access to the system terminated, if the Authorized Enforcement Agency determines that such termination would abate or reduce an illicit discharge. The Authorized Enforcement Agency will notify a discharger of the proposed termination of access. It shall be unlawful for any person to reinstate access of the Village storm sewer system to a property or premises terminated pursuant to this section without the prior written approval of the Authorized Enforcement Agency.

SECTION 4.07 APPEALS

Any person who has been ordered to take action to comply with the provisions of this Ordinance may appeal in writing to the Village Council of the Village of Grand Beach, not later than 30 days after the action or decision being appealed. Such appeal shall identify the matter being appealed, and the basis for the appeal. The Village Council shall consider the appeal and make a decision whereby it affirms, rejects, or modifies the action being appealed. In considering any such appeal, the Village Council may consider the recommendations of the Authorized Enforcement Agency and the comments of other persons having knowledge or expertise regarding the matter. In considering any such appeal, the Village Council may grant a temporary variance from the terms of this Ordinance so as to provide relief, in whole or in part, from the action



being appealed, but only upon finding that the following requirements are satisfied:

(1) The application of the Ordinance provisions being appealed will present or cause unnecessary hardship for the property or premises owner appealing; provided, however, that unnecessary hardship shall not include the need for a property or premises of owner to incur additional reasonable expenses in order to comply with the Ordinance; and

(2) The granting of the relief requested will not prevent accomplishment of the goals and purposes of this Ordinance, nor result in less effective management of storm water runoff.

SECTION 4.08 JUDICIAL RELIEF

The Village may institute legal proceedings in a court of competent jurisdiction to seek all appropriate relief for violations of this Ordinance or of any permit, order, notice or agreement issued or entered into under this Ordinance. The action may seek temporary or permanent injunctive relief, damages, penalties, costs, and any other relief, at law or equity, that a court may order. The Village may also seek collection of fines, penalties and any other amounts assessed and due to the Village that remain unpaid.

SECTION 4.09 CUMULATIVE REMEDIES

The imposition of a single penalty, fine, order, damage, or surcharge upon any person for a violation of this Ordinance, or of any permit, order, notice or agreement issued, or entered into under this Ordinance, shall not preclude the imposition by the Village, the Authorized Enforcement Agency, or a court of competent jurisdiction of a combination of any or all of those sanctions and remedies or additional sanctions and remedies with respect to the same violation, consistent with applicable limitations on penalty amounts under state or federal laws or regulations. A criminal citation and prosecution of a criminal action against a person shall not be dependent upon and need not be held in abeyance during any civil, judicial, or administrative proceeding, conference, or hearing regarding the person.

ARTICLE V MISCELLANEOUS

SECTION 5.01 INTERPRETATION

Words and phrases in this Ordinance shall be construed according to their common and accepted meanings, except those words and phrases defined in Section 1.05 shall be construed according to the respective definitions given in that section. Technical words and technical phrases not defined in this Ordinance, but which have acquired particular meanings in law or in technical usage, shall be construed according to such meanings.

SECTION 5.02 CATCH-LINE HEADINGS

The catch-line headings of the articles and sections of this Ordinance are intended for convenience only, and shall not be construed as affecting the meaning or interpretation of the text of the articles or sections to which they may refer.

SECTION 5.03 SEVERABILITY

The provisions of this Ordinance are hereby declared to be severable, and if any part or provision of this Ordinance should be declared invalid or unenforceable by any court of competent jurisdiction, such invalidity or unenforceability shall not affect any other part or provision of this Ordinance.



SECTION 5.04 REPEAL

Village Ordinance Number 64 is hereby repealed in its entirety. Any other ordinance or parts of any ordinance in conflict with any provisions of this ordinance are hereby repealed.

SECTION 5.05 EFFECTIVE DATE

This Ordinance shall become effective fifteen (15) days, following its publication or following the publication of a summary of its provisions in a local newspaper of general circulation.

AYES: James Bracewell, Paul Leonard Jr., Deborah Lindley and Blake O'Halloran
NAYS: None

ORDINANCE DECLARED ADOPTED.

DEBORAH LINDLEY, Village President

MARY ROBERTSON, Clerk

CERTIFICATION

I, MARY ROBERTSON, duly appointed Clerk in and for the Village of Grand Beach, Berrien County, Michigan, do certify that the foregoing Resolution is a true and exact copy of an Ordinance adopted by the Village Council during its Regular Meeting, held on the 21st day of July, 2021, and that said Meeting was conducted and public notice of said meeting was given, pursuant to and in full compliance with Act No. 267, Public Acts of Michigan, 1976, as amended, and that the Minutes of said meeting were kept and will be or have been made available as required by said Act.

MARY ROBERTSON, Clerk



Appendix 3 – Post-Construction Storm Water Management Policy Documents

SITE PLAN REVIEW PROCESS

SITE PLAN REVIEW PROCESS FOR NEW HOMES OR ADDITIONS

Site Plan Review – Our zoning ordinance says:

Section 13.03 – Developments not Requiring Site Plan Approval.

A. Single family homes and their accessory uses to be located on existing individual lots of record in the LDR, MOR, and HDR districts.

We do require certain documents for new single family homes, remodels and additions. The building inspector/zoning administrator then reviews the site plan and prints.

I have included a copy of a form that we pass out with new building permit application packets.

CLERK/DEPUTY CLERK

When a contractor or property owner comes in to apply for a building permit for a new house or addition, the clerk or deputy clerk accepts all documentation necessary for the project. She ensures that the following items are provided:

1. 3 Sets of drawings with surveys (usually the site plan is on the survey)
2. 3 Copies of the site plan
3. State of Michigan Contractor License (if not already on file)
4. Septic Permit issued by the Berrien County Health Dept. or a receipt from New Buffalo Township showing that the applicant has paid for a sewer tap (if sewer is available)
5. Stormwater Management document
6. Stormwater System Maintenance Agreement (for projects that disturb an acre or more of soil)
7. DFO permit if required
8. Soil Erosion permit issued by the Berrien County Drain Commissioner
9. A statement signed by applicant that says they will follow the State Construction Code and our Zoning Ordinance.

BUILDING INSPECTOR/ZONING ADMINISTRATOR

Once the clerk/deputy clerk has received the necessary documents, site plan and drawings they are forwarded to the building inspector/zoning administrator for his review.

He will review the documentation, survey, site plans and the drawings.

He will visit the proposed building site if necessary.

He will contact the contractor or property owner for clarification on any issues or changes necessary in the plans.

When he is satisfied with the documentation, site plan, drawings, and permit application, he will sign the building permit and the applicant can begin construction.

If the building inspector/zoning administrator denies the permit application for zoning reasons, the applicant can apply for a variance. In that situation, the Zoning Board of Appeals will hold a public hearing regarding the variance request and will make a decision in favor of or against the request.

In some instances, especially those regarding variances, the Village Attorney is contacted for guidance.



EXCERPTS FROM ZONING ORDINANCE

The following are excerpts from the Grand Beach zoning ordinance:

Section 10.07 (A)4 PUD:

The planned unit development shall not result in any greater storm water runoff to adjacent property after development, than before. The open space shall be provided with ground cover suitable to control erosion, and vegetation which no longer provides erosion control shall be replaced.

Section 12.03 (A)7 Special Land Uses:

Each application form shall contain the following information:

Plans to prevent any additional storm-water runoff to other properties. Demonstrate in the site plan, that there exists sufficient protection to ensure that there will be no additional storm-water runoff created by the proposed special land use; or that adequate and full measures have been taken to accommodate such storm-water runoff on the proposed site location. For purposes of this standard, the storm-water runoff shall be consistent with Village regulation.

Section 13.10 (D) Site Plan Review (This pertains to large projects and not individual lots or homes):

Surface Water Drainage: Special attention shall be given to proper site surface drainage so that the flow of surface waters will not adversely affect adjacent and surrounding properties or the public storm drainage system. Surface water in all paved areas shall be collected at intervals so that it will not obstruct the flow of vehicular or pedestrian traffic, and will not create impounded water on the paved areas. Also, the applicant shall demonstrate in the site plan that there exists sufficient protection to ensure that there will be no additional storm-water runoff created by the proposed special land use other than that which is natural to the lot or parcel and existed prior to development; or that adequate and full measures have been taken to accommodate any additional storm-water runoff on the proposed site location.



BUILDING PERMIT REQUIREMENTS

VILLAGE OF GRAND BEACH

(269) 469-3141

FAX (269) 469-0146

NAME _____

BUILDING PERMIT # _____

NO LOT CLEARING OR TREE REMOVAL WILL BE ALLOWED IN THE VILLAGE OF GRAND BEACH UNTIL A BUILDING PERMIT HAS BEEN ISSUED PER ORDINANCE NO. 2010-80 AS AMENDED FROM TIME TO TIME.

BUILDING PERMIT REQUIREMENTS

All applications for permits must be accompanied by:

1. Three sets of drawings and three sets of survey. A Michigan architect stamp is necessary if over 3,500 square feet. Submitted _____
2. Three copies of site plan. Septic tank & dry wells precisely indicated. Submitted _____
3. Construction schedule showing a timeline of when different components of the construction will begin and are scheduled to be completed. Submitted _____
4. State of Michigan contractor's license and contractor's information form. Submitted _____
5. Permit application with all pertinent data filled in, including MI contractor's license number, signed and dated on pages 1 & 2. Submitted _____
6. Berrien County Health Department septic permit if required, or correspondence from the Health Department confirming that construction has been reviewed and approved by the Health Department. Submitted _____
7. Permit fee based on estimated cost of construction. Submitted _____
8. Water tap fee of \$5,000.00 – if applicable. (A normal tap fee is \$5,000. Unusual circumstances will incur additional fees). Paid _____
9. Gravel area at building site before construction begins. _____
10. Storm water management document signed by property owner and contractor. Submitted _____
11. Storm water system maintenance agreement (Only required for projects disturbing one acre or more of soil). Submitted _____

MAY BE REQUIRED – DEPENDING ON CONSTRUCTION SITE

12. EGLE Critical Dune Permits Application _____ Approved _____
13. EGLE Flood Plain Permits Application _____ Approved _____
14. Soil Erosion Permits – (Required for all property located within 500' of any waterway)
 - a. Berrien County Drain Commissioner Application _____ Approved _____
 - b. EGLE Permit-by-rule may also be required Application _____ Approved _____

OTHER PERMITS – MAY BE REQUIRED DEPENDING ON TYPE OF WORK

15. Electrical Inspection Permit – Obtain permit through the State of Michigan.
16. Plumbing Inspection Permit – Obtain permit through the State of Michigan.
17. Mechanical Inspection Permit – Obtain permit through the State of Michigan.

Building Permit Requirements

Revised May 19, 2022



Village of Grand Beach

48200 Perkins Boulevard Grand Beach, MI 49117 Phone (269) 469-3141 Fax (269) 469-0146

Building Permit Application

Date _____ Permit # _____

Applicant/Contractor _____

Address _____ City _____ State & Zip _____

Phone _____ Cell _____ Builder's License # _____ Exp. _____

Job Address _____ Office Use: New House Verified w/911 _____

Property Owner's Name _____ **Property ID** _____

Permanent Address _____ Phone _____

Subdivision _____ Lot(s) _____ Block _____ Lot Size _____

Class of work: New _____ Addition _____ Alteration _____ Repair _____ Demolition _____

Describe work to be done:

Size of building _____ Height of building _____ Square footage _____

Setbacks: Front _____ Left Side _____ Right Side _____ Back _____ Corner Lot (circle one) Yes or No

Other Permits/Documents Req'd _____ Rec'd _____ Req'd _____ Rec'd _____

EGLE _____ Septic/Sewer _____

Zoning _____ Plumbing _____

Storm Water _____ Electrical _____

Storm Water 1 Acre + _____ Mechanical _____

Soil Erosion _____ Other _____

Estimated Cost of Construction \$ _____ **Permit Fee \$** _____

I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his authorized agent.

Contractor Signature _____ Date _____

"Section 23a of the state construction code act of 1972, Act No. 230 of the Public Acts of 1972, being section 123.1523a of the Michigan Compiled Laws prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Violators are subject to civil fines of not less than \$100 or not more than \$500."

Homeowner's Affidavit

I hereby certify that the building work described on this application shall be installed by me in my own single family dwelling in which I am living or will soon occupy. All work shall be installed in accordance with the Michigan Building Code as adopted by the Village of Grand Beach and shall not be covered up or put into operation until it has been inspected and approved by the Building Inspector. I will cooperate with the Building Inspector and assume the responsibility to arrange for necessary inspections.

Homeowner's Signature _____ Date _____

Plans reviewed ____/____/____ Approved by _____



MINIMUM OF SEVEN CALLED INSPECTIONS REQUIRED FOR ALL CONSTRUCTION WORK:

1. FOUNDATIONS OR FOOTINGS
2. BACKFILL
3. FRAME & MASONRY
4. ICE & WATER ON ROOF
5. INSULATION
6. LATH & GYPSUM BOARD – AFTER INSULATION AND BEFORE TAPING
7. FINAL INSPECTION BEFORE OCCUPANCY

Approved plans must be retained on job and this permit kept posted until final inspection has been made. When a certificate of occupancy is required, such building shall not be occupied until final inspection has been made.

Separate permits are required for electrical, plumbing and mechanical installations.

Construction Work Hours - Any and all construction, alteration, demolition, or repair activities conducted in the Village, which construction has been authorized by a Village Building Permit, shall be allowed:

- Monday-Friday 8:00 a.m. to 5:00 p.m. EST
- Saturdays during the **off-season only** starting on the Saturday after Labor Day weekend and ending the Saturday before Memorial Day weekend.
- Construction work is prohibited on Sundays and holidays.

A permit remains valid as long as work is progressing and inspections are requested and conducted. A permit shall become invalid if the authorized work is not commenced within 180 days after issuance of the permit or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time the work is commenced. The Building Inspector is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated.

The Building Inspector is authorized to suspend or revoke a permit wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any of the provisions of the Michigan Residential Code.

I, the undersigned agree to follow the State Construction Code for the State of Michigan and the Zoning Code for the Village of Grand Beach. The undersigned also assumes all responsibility for the compliance of said codes.

Signature

Date

POST THIS PERMIT SO IT IS VISIBLE FROM STREET



For Building Inspector Use only

Permit # _____

Name: _____ Address: _____

BUILDING INSPECTION APPROVALS

PLUMBING INSPECTION APPROVALS

ELECTRICAL INSPECTION APPROVALS

1 _____ 1 _____ 1 _____

2 _____ 2 _____ 2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

HEATING INSPECTION APPROVALS

REFRIGERATION INSPECTION APPROVALS

1 _____ 1 _____

2 _____ 2 _____

OTHER _____

WORK SHALL NOT PROCEED UNTIL THE INSPECTOR HAS APPROVED THE VARIOUS STAGES OF CONSTRUCTION.

PERMIT WILL BECOME NULL AND VOID IF CONSTRUCTION WORK IS NOT STARTED WITHIN SIX MONTHS OF DATE THE PERMIT IS ISSUED AS NOTED ABOVE.



STORM WATER MANAGEMENT

STORM WATER MANAGEMENT

Building Permit # _____ Property Tax ID# _____

I understand that during the course of construction at _____, Grand Beach, Michigan, and after construction is complete, all storm water must be managed onsite, i.e. no surface water discharge of storm water and no discharge of storm water to the Village storm sewer drain system.

I understand that if the site currently discharges storm water offsite, the post-development rate and volume of storm water discharge shall be no greater than the pre-development rate and volume of storm water discharge. The post-development storm water discharge may not contain over 80 mg/l of total suspended solids regardless of the volume of discharge. In this case, an engineering report might be required to show that the rate and volume of storm water discharge is no greater than the pre-development rate.

I will take whatever steps are necessary to ensure that the storm water run off after construction shall be no greater than the pre-development rate and volume of storm water discharge. I will ensure that I will do nothing that will adversely affect the property of neighbors and Village property in regards to storm water run off.

I agree that I will not tie any type of drainage system, drain pipe or downspout in to the Village storm sewer drain system (or roadway), and if so, I will be required to remove it at owner's expense.

_____ Contractor's Name	_____ Property Owner's Name
_____ Contractor's Signature	_____ Property Owner's Signature
_____ Date	_____ Date

I, _____, Grand Beach Zoning Administrator and Building Inspector, have monitored the construction at the address listed above, and to the best of my knowledge agree that the post construction run off of storm water is no greater than the pre construction run off.

I have inspected drain pipes, down spouts and other drainage systems to verify that they are not tied in to the Village storm sewer drain system and that these systems are draining on the property mentioned above.

_____ Signature	_____ Date
--------------------	---------------

Storm Water Bldg. Permit Revised 3-19-12



STORMWATER SYSTEM MAINTENANCE AGREEMENT

This Agreement entered into the _____ day of _____, 20____, by and between the Village of Grand Beach ("Village"), 48200 Perkins Blvd., Grand Beach, MI 49117, and

_____ Landowner/Developer Name

_____ Landowner/Developer Address.

Whereas, Landowner/Developer is the owner of certain real property as legally described in Exhibit A attached hereto.

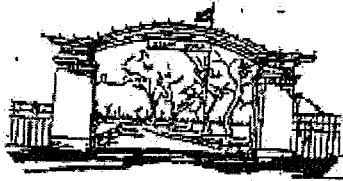
Whereas, Landowner/Developer proposes the construction of a storm sewer system ("the system") to serve all or a portion of the properties to be developed on the lands described in Exhibit A.

Now therefore it is hereby agreed:

1. That Landowner/Developer, its assigns and successors in interest, shall be responsible for the operation and maintenance of the system and for the payment of all costs associated therewith.
2. That Landowner/Developer, its assigns and successors in interest do grant and convey to the Village the right of entry on to the property for purposes of inspection of the system to determine the need for maintenance or improvement.
3. That if required, Landowner/Developer, its assigns and successors in interest shall retain the services of a licensed operator for the system and pay all costs attendant thereto.
4. That Landowner/Developer, its assigns and successors in interest shall operate and maintain the system in compliance with all federal, state and local statutes, laws, ordinances, authorizations, rules, regulations and permits.
5. That in the event that any inspection report indicates the need for maintenance or improvement to any part of the system, Landowner/Developer, its assigns and successors in interest shall cause such work to be done in a timely manner.
6. That if as a result of an inspection, the Village determines the need for maintenance or improvement of the system, the Village shall notify the Landowner/Developer, its assigns and successors in interest of the necessary maintenance, setting forth the specific details thereof, in writing. Upon receipt of notice from the Village, Landowner/Developer, its assigns or successors in interest shall cause the specified maintenance and improvement to be completed within 30 days of the receipt of notice or such time period as may otherwise be specified by the Village. In the event that the work specified by the Village is not completed in the specified time, the Village shall cause the work to be performed and Landowner/Developer, its assigns or successors in interest shall be responsible for the payment of all costs therefore incurred by the Village, payment to be made within 30 days of invoice. If payment is not made the Village is authorized to seek collection by all means allowed under law or may levy special assessment against properties benefiting from the system, which special assessment will be a lien against the lands until paid or collected as allowed for the collection of taxes and assessments under the laws of the State of Michigan.
7. That Landowner/Developer shall notify, in writing, of the name and address and telephone number of any assigned or successors in interest.
8. That Landowner/Developer, its assigns and successors in interest shall be responsible for all costs incurred by the Village for the operation, maintenance or improvement of the system, inspection and engineering costs, administration costs, attorney's fees and costs including fees and costs incurred in the preparation of this document.
9. That Landowner/Developer, its assigns or successors in interest agree to hold harmless, defend and indemnify the Village, Village employees, Village agents, and Village contractors from any and all liability or enforcement action arising out of the operation, maintenance or improvement of the system including any and all claims for damages or injury to person or property and any and all civil and criminal sanctions, penalties, fines or costs.
10. Once executed this Agreement shall be recorded with the Berrien County Register of Deeds, Landowner/Developer shall pay all costs of recording and all legal fees incurred in the preparation of this agreement.



CONSTRUCTION CODE AGREEMENT



Village of Grand Beach

49260 PERKINS BLVD.

GRAND BEACH, MI 49117

I, the undersigned agree to follow the State Construction Code for the State of Michigan and the Zoning Code for the Village of Grand Beach. The undersigned also assumes all responsibility for the compliance of said codes.

Signature

Date

OFFICE (269) 469-3141

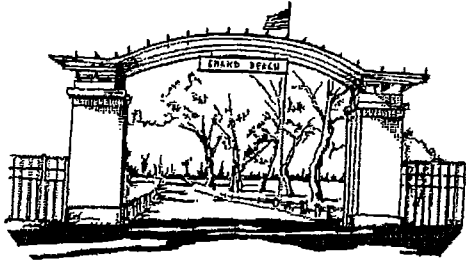
POLICE (269) 469-3800

FAX (269) 469-0146



Appendix 4 – Public Education Plan

As submitted by SWMPC dated April 2020



VILLAGE OF GRAND BEACH
48200 Perkins Blvd., Grand Beach, MI 49117
(269) 469-3141 Fax (269) 469-0146

Grand Beach Planning Commission Annual Report to Village Council – 2022

The Grand Beach Planning Commission was created by Village Council Ordinance on September 15, 2008 as required by amendments to the Michigan Planning and Enabling Acts.

Planning Commission information is available on the Village website www.GrandBeach.org. It includes the Master Plan, schedules, notices and minutes for meetings.

During 2021-22 the Commission held four regular meetings. At the meetings, Short Term Rentals were discussed. The Grand Beach Short Term Rental Ordinance was developed, discussed, revised and approved. It was submitted to the Village Council where amendments were made. The Council voted to approve the amended document on May 18, 2022 to be effective on January 1, 2023.

The Planning Commission reviewed and discussed issues relative to fences, pools, septic fields, 42 acres, car tents-canopies, golf cart registration.

Jim Bracewell was appointed to another 1-year term as ex-officio member ending August 31, 2023 and Frank Giglio was reappointed to another 3-year term ending August 31, 2025.

The Commission discussed and agreed to a new Master Plan Update.

2022 Planning Commission Budget

Ongoing expenses: none.

New expenses: Possible legal or consultant fees if Zoning Ordinance amendments, land developments or special land use permits are proposed.

2022 Planning Commission Activity

Conduct scheduled regular meetings 1-26-23, 4-27-23,
7-27-23 and annual meeting September 10/26/23 at 7:30 pm EST, special
October

meetings, site plan and project/permit reviews as necessary, and recommend possible amendments to the Village Zoning Ordinance.

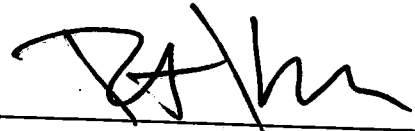
2023 Planning Commission Members

Y. Chair Planning Commission Members/Officers for 2022-2023 are Laurie Roche (2023), Frank Giglio (2023), Robert Kegan (2023) and Harry Walder (2023). James Bracewell serves as the Village Council Ex-Officio Member. The Commission is currently operating without a permanent Recording Secretary.

Chair



Laurie Roche
Planning Commission Chair



Robert Kegan
Planning Commission Secretary

December 2022

**TRANSFER TO CAPITAL PROJECTS
AS BUDGETED FOR 2021/2022**

OFFICE COMPUTER	250
COPY MACHINE	800
BS&A MUNICIPAL SOFTWARE	5,000
CODIFY ORDINANCES	2,000
CHAIRS FOR CLUBHOUSE (SAME)	3,000
ROUND TABLES & RACKS- 72" ROUND	3,000
ROUND TABLES & RACKS- 60" ROUND & 30" X 6'	6,000
FURNACE & A/C REPLACEMENTS	5,000
ROOF REPLACEMENT - GARAGE	5,000
ROOF REPLACEMENT - HALL	5,000
REPAIR CONCRETE ON HALL	10,000
CARPET REPLACEMENT	10,000
BEACH STAIRS	25,000
REMOVE PILINGS	20,000
PARK EQUIPMENT	10,000
TENNIS COURT	4,000
TENNIS, PICKLEBALL & FENCE	8,500
GRANT MATCHING FUNDS - PARKS	10,000
GRANT MATCHING FUNDS - BEACHES	10,000
POLICE CAR	10,000
BACKHOE/TRACTOR	3,000
PICK-UP TRUCK & PLOW	4,000
DUMP/PLOW TRUCK & SALT SPREADER	6,000
SALT BUILDING	100

\$165,650

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 GENERAL FUND FY 21/22
 MEETING ON OCTOBER 19, 2022

Account #	Revenue Accounts Account Name	Inc (+) Decr. (-)	Amount
Total Change in Revenue:		+	0

Account #	Expense Accounts Account Name	Inc (+) Decr. (-)	Amount
105-956	Council - Miscellaneous	-	-4,500
202-801	Independent Audit	-	-2,000
215-956	Village Office - Misc.	+	9,000
265-956	Hall and Grounds- Miscellaneous	-	-8,000
266-956	Maintenance Garage - Misc.	-	-3,000
300-956	Police - Miscellaneous	+	1,500
446-956	Public Works - Miscellaneous	+	1,800
520-818	Sanitation - Contractual Services	+	4,600
691-956	Parks & Recreation - Misc.	+	3,100
721-956	Planning Commission - Misc.	-	-2,750
724-956	Beaches - Miscellaneous	-	-11,000
852-852	Hospitalization	+	20,000
855-855	Life & Disability Insurance	+	100
861-861	Pension	+	500
862-862	FICA - Village Share	+	200
863-863	Medicare - Village Share	+	150
865-865	Insurance & Bonds	-	-3,900
890-890	Contingency	-	-5,000
956-956	Miscellaneous	-	-1,000
956-960	County Tax Reimbursements	+	200

Total Change in Expenses: **0**

Net Effect on Budget **0**

Year end budget amendment. This includes additional expenses for wages, benefits, trash, utilities.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 WATER FUND FY 21/22
 MEETING ON OCTOBER 19, 2022

Revenue Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
642-000	Revenue - Residential Water	+	46,900
Total Change in revenue:			46,900

Expense Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
702-000	Wages - Head of Dept.	+	4,500
706-000	Wages - Clerical	+	1,000
707-000	Wages - Other	-	-2,000
778-000	Repair & Maintenance	+	6,000
818-000	Contractual Services	+	3,000
850-000	Telephone & Internet Service	+	400
852-000	Hospitalization	-	-2,000
855-000	Life & Disability Insurance	+	200
862-000	FICA	+	100
863-000	Medicare	+	100
865-000	Insurance and Bonds	-	-600
870-870	Holiday, Vacation & Sick Pay	-	-1,500
920-000	Utilities	+	2,000
927-000	Water Purchases	+	34,500
943-000	Equipment Rental	+	2,500
950-000	Schooling	-	-1,500
957-000	Bank Service Charge	+	200
Total Change in Expenses:			Increase 46,900

Net Effect on Budget: **0** **0**

Year end budget amendment. Includes increased water purchases, utilities, engineering & legal fees (Ely lines), parts, additional wages and benefits.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 GOLF FY 21/22
 MEETING ON OCTOBER 19, 2022

Revenue Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
000-653	Green Fees	+	13,000
000-654	Cart Parking Sticker Fees	+	3,035
Total Change in Revenue:			16,035

Expense Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
000-702	Wages - Head of Department	+	1,250
000-704	Pro Shop Mgr. & Employees	+	8,300
000-706	Wages - Clerical	+	700
000-707	Wages - Other	+	5,700
000-727	Office Supplies	-	-200
000-751	Gasoline and Oil	+	100
000-778	Repair & Maintenance	-	-2,250
000-810	Membership Dues - Golf Assoc.	-	-350
000-818	Contractual Services	-	-1,000
000-850	Telephone & Internet Service	-	-500
000-852	Hospitalization	+	6,100
000-855	Life & Disability Insurance	+	275
000-861	Pension	+	550
000-862	FICA	+	1,100
000-863	Medicare Expense	+	275
000-865	Insurance & Bonds	+	100
000-866	Holiday, Vacation and Sick	+	1,250
000-867	Workman's Compensation	+	100
000-900	Printing & Publishing	-	-800
000-902	Professional Services	-	-325
000-920	Utilities	+	600
000-948	Food & Golf Concession Cost	+	4,100
000-949	Clothing - Concession Cost	-	-2,550
000-956	Miscellaneous Expense	+	1,000
000-957	Bank Service Charge	+	25
000-960	Credit Card Use Fees	+	1,225
000-985	Equipment Purchases	-	-6,500
000-986	Equipment Lease/Rent	-	-400
000-987	Tree - Landscaping	-	-1,840
Total Change in Expenses:			16,035
Net Effect on Budget:			0

Year end budget amendment. Includes additional wages, benefits, food & golf concessions, utilities and credit card fees.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 MAJOR STREETS FY 21/22
 MEETING ON OCTOBER 19, 2022

Revenue Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
000-569	State Shared Revenues Streets	+	230
000-575	St. Revenue-Metro Act	+	3,945
000-664	Interest Earned	+	120
Total Change in Revenue:		+	4,295

Expense Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
215-706	Wages - Clerical	+	260
215-801	Professional Services	-	-100
215-865	Insurance & Bonds	-	-75
463-702	Maint.-Head of Department	+	75
463-707	Maint. Wages-Other	+	1,750
463-710	Routine Maintenance-FICA	+	150
463-711	Routine Maintenance-Medicare	+	75
463-712	Pension	+	125
463-782	Street Supplies	+	1,500
463-818	Contractual Services-Tree Trimming	+	1,000
463-852	Routine Maintenance-Health Insurance	+	775
463-855	Routine Life & Disability Insurance	+	30
463-943	Equipment Rental	+	450
478-702	Winter Wages-Head of Dept.	-	-95
478-707	Winter Wages-Other	+	50
478-712	Winter Pension	-	-50
478-713	Winter-Vacation, Holiday & Sick Pay	-	-295
478-782	Winter Street Supplies	-	-1,075
478-852	Winter Maintenance - Health Insurance	-	-55
800-956	Miscellaneous Expense	-	-200
Total Change in Expenses:		+	4,295

Net Effect on Budget: + **0**

Year end budget amendment. Includes wages, benefits, tree trimming, street supplies & equipment rental.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 LOCAL STREETS FY 21/22
 MEETING ON OCTOBER 19, 2022

Account #	Revenue Accounts Account Name	Inc (+) Decr. (-)	Amount
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Total Change in Revenue:

Account #	Expense Accounts Account Name	Inc (+) Decr. (-)	Amount
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215-706	Wages - Clerical	+	260
215-801	Professional Services	-	-100
215-865	Insurance & Bonds	-	-25
463-702	Maint. - Head of Department	-	-455
463-707	Maint. Wages - Other	+	1,900
463-710	Routine Maintenance-FICA	+	125
463-711	Routine Maintenance-Medicare	+	50
463-712	Pension	+	125
463-782	Street Supplies	-	-700
463-818	Contractual Services - Tree Trimming	-	-350
463-852	Routine Health Insurance	+	810
463-855	Routine Life & Disability Insurance	+	25
463-943	Equipment Rental	-	-600
478-702	Winter Wages-Head of Dept.	-	-90
478-707	Winter Wages-Other	+	125
478-712	Winter Pension	-	-50
478-713	Winter-Vacation, Holiday & Sick Pay	-	-300
478-782	Winter Street Supplies	-	-700
478-852	Winter Health Insurance	-	-50

Total Change in Expenses:	+	0
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Net Effect on Budget:	+	0
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Year end budget amendment. Includes amendments for wages and benefits.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 BUILDING INSPECTION FY 21/22
 MEETING ON OCTOBER 19, 2022

Revenue Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
000-476	Licenses and Building Permits	+	33,500
Total Change in Revenue:			33,500

Expense Accounts			
Account#	Account Name	Inc (+) Decr. (-)	Amount
000-500	Building Inspection Fees	+	32,000
000-510	Electrical Inspection Fees	+	1,500
Total Change in Expenses:			33,500
Net Effect on Budget:			0

This is the end of year budget amendment. Includes additional permit and inspection fees.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 CAPITAL PROJECTS FY 21/22
 MEETING ON OCTOBER 19, 2022

Account #	Revenue Accounts Account Name	Inc (+) Decr. (-)	Amount
Total Change in Revenue:			0

Account #	Expense Accounts Account Name	Inc (+) Decr. (-)	Amount
801-700	Police Car Purchases	+	95
Total Change in Expenses:			95
Net Effect on Budget	Increase in Expenses	+	95

Year end budget amendment. This is an equipment purchase (antenna) for the new squad car that has been ordered.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 WATER FUND FY 22/23
 MEETING ON OCTOBER 19, 2022

Account #	Revenue Accounts Account Name	Inc (+) Decr. (-)	Amount
Total Change in revenue:			0

Account #	Expense Accounts Account Name	Inc (+) Decr. (-)	Amount
970-000	Capital Outlay	+	10,000

Total Change in Expenses:	Increase	10,000
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Net Effect on Budget:	0	10,000
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This budget amendment is for the purchase of BS&A software. The funds will come from cash on hand.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 GOLF FUND FY 22/23
 MEETING ON OCTOBER 19, 2022

Account #	Revenue Accounts Account Name	Inc (+) Decr. (-)	Amount
Total Change in revenue:			0

Account #	Expense Accounts Account Name	Inc (+) Decr. (-)	Amount
000-985	Equipment Purchase	+	2,700

Total Change in Expenses: **Increase** **2,700**

Net Effect on Budget: **+** **2,700**

This budget amendment is for the purchase of BS&A software. The funds will come from cash on hand.

VILLAGE OF GRAND BEACH
 BUDGET AMENDMENT
 BUILDING INSPECTION FUND FY 22/23
 MEETING ON OCTOBER 19, 2022

Revenue Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
Total Change in revenue:			0

Expense Accounts			
Account #	Account Name	Inc (+) Decr. (-)	Amount
000-985	Capital Outlay	+	1,400

Total Change in Expenses:	Increase	1,400
Net Effect on Budget:	+	2,700

This budget amendment is for the purchase of BS&A software. The funds will come from fund balance.

House construction on Skyhi Rd.

Richard Lindblade <dickblade@comcast.net>

Wed 10/12/2022 10:28 AM

To: clerk grandbeach.org <clerk@grandbeach.org>

Council Members:

Recently, I have done internet research with regard to building permits for single-family homes. On the Michigan.gov website that is entitled "LARA/ Building Permit Information", I found the following assertion: "Construction documents must be sealed and signed by an architect or professional engineer in accordance with 1980 PA 299, as amended. The seal and signature are not required for one- and two- family dwellings less than 3500 square feet of calculated floor area and public works less than \$15,000 in total construction cost."

The house under construction on Skyhi Rd. will be 9000 square feet when complete. My guess is that it will cost well over \$2 million. The construction documents should have been sealed and signed by a registered architect before the building permit was issued.

With regard to the building contractor, the same web article states that a "person engaged in the construction of a residential structure must be licensed as a Residential Builder with the Department of Licensing and Regulation Affairs". I don't know the contractor for the Skyhi house, but the Grand Beach building permit posted at the construction site identifies him as Kingsley Ehimwnman of Olympia Fields, IL. However, the permit does not show the builder's license number, which is an important omission.

My hunch is that since Mr. Ehimwnman lives out-of-state and has no license number, he is not a Residential Builder registered with the State of Michigan. If true, he is not qualified, by law, to build the Skyhi House. As a private citizen, it is not appropriate for me to investigate his qualifications, but since he wants to build a huge house in Grand Beach, it is both appropriate and necessary for the village council, or their agent, to do so.

I am not an attorney, but I believe the construction of the Skyhi home, now in progress, is unlawful. I hope that you council members will verify, to your own satisfaction, the statements I have made in this email/letter, and that you will do so independently from your current building inspector.

I believe the building permit for this project should be revoked as soon as possible.

Richard Lindblade

Michigan.gov**LARA****Building Permit Information****The Building Code**

The purpose of the building code is to insure public safety, health and welfare insofar as they are affected by building construction, through structural strength, adequate egress facilities, sanitary equipment, light and ventilation, and fire safety; and, in general, to secure safety to life and property from all hazards incident to the design, erection, repair, removal, demolition or use and occupancy of buildings, structures or premises.

What is a building code?

The Michigan Building Code controls all matters concerning the construction, alteration, addition, repair, removal, demolition, use, location, occupancy, and maintenance of all buildings and structures and their service equipment. Presently, provisions for one- and two-family dwellings are included in the Michigan Residential Code.

Are building permits necessary?

Before construction of a building or structure, an owner, or the owner's builder, architect, engineer, or agent, shall submit an application in writing to the appropriate enforcing agency for a building permit. A permit is also required when the use or occupancy of a structure or portion thereof is changed.

A permit is not required for ordinary repairs. Ordinary repairs to structures may be made without permit, but such repairs shall not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the exit requirements; nor shall ordinary repairs including addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas soil, waste, vent or similar piping, electric wiring or mechanical or other work affecting public health or general safety.

When is a license necessary to secure a building permit?

A person engaged in the construction of a residential structure or a combination residential and commercial structure must be licensed as a Residential Builder with the Department of Licensing and Regulatory Affairs. There are certain exceptions in the licensing law (1980 PA 299, as amended) to this requirement.

Plans and Specifications (Construction Documents)

A set of construction documents is required with each application for a permit. The

submission of construction documents may be waived by the building official when code compliance can be determined based on the description in the application. Construction documents must be sealed and signed by an architect or professional engineer in accordance with 1980 PA 299, as amended. The seal and signature are not required for one- and two- family dwellings less than 3500 square feet of calculated floor area and public works less than \$15,000 in total construction cost. For other exceptions, refer to 1980 PA 299, as amended.

[Building Permit Application](#)

[Building Permit Fee Schedule](#)

[Building Inspector Region Map](#)

Prior to applying for a building permit, it is suggested the applicant review the [Statewide Jurisdiction List](#). This information is updated regularly due to changes in the building code enforcement that may be conducted by either the state, county or local unit of government. A building permit application must be submitted to the appropriate enforcing agency.

Questions regarding building permits should be directed to the Permits Division at 517-241-9313.



Building Permit Information

Copyright State of Michigan

to the officers of the grand beach village:

The under signed would request that you pursue the hiring of a village manager.. to help with the expense of the manager, we request you begin charging a transfer tax to each real estate transaction. It can be applied to the seller's side of the transaction or to the buyer's side, or to both sides. Thank you for your attention to this matter

✓ Pat Costello	47205 GOLF
✓ Nancy TRAINOR	46316 ROYAL
✓ Nancy ROBERTS	46316 ROYAL
✓ Julie Madda	46021 LakeView
✓ Kaye Moriarty	46037 Lakewiew
✓ Donna Lopez	48012 Bridge Rd
✓ Susan E Faul	47106 OAKA GB.
✓ Carol N. Bracewell	47107 Maple St.
✓ Peggy Bolger	49117 Ely Ave