

June 8, 2018  
2110268

Mr. Jason Berndt  
Michigan Department of Environmental Quality  
Resource Management Division  
Community Drinking Water Unit  
P.O. Box 30241  
Lansing, MI 48909-7741

RE: Village of Vicksburg, Kalamazoo County, MI,  
Wellhead Protection Grant, Quarterly Progress Report

Dear Mr. Berndt:

On behalf of the Village of Vicksburg, we are submitting the Progress Report for the third quarter. The quarterly report form and minutes are attached. Please contact me if you have any questions or need additional information.

Sincerely,

**Prein&Newhof**



Michael A. Schwartz, P.E.

MAS:ms

Enclosures: Progress Report  
Minutes  
Agenda Packet (June 7, 2018)

cc: Tracy Locey, Village of Vicksburg (via email)



# Wellhead Protection Grant Program

## Quarterly Team Meeting Progress Report

A Quarterly Team Meeting Progress Report must be submitted once each quarter during the agreement period. To complete the report, **list the activities from Table 2: Grant Assistance Tabulation that were in progress during the quarter for which you are submitting the report.** Enter the completion date or the anticipated completion date of those activities as well as any comments that are relevant to the completion date. Please submit report to MDEQ.

**Community: Village of Vicksburg**

**Date: 6/07/2018**

| Activity From Table 2<br>(located in the agreement)   | Anticipated<br>Completion<br>Date | Comments  |
|---|-----------------------------------|---|
| Public education activities conducted throughout year including Vicksburg Community Tailgate, Taste of Vicksburg, and article for website, and grant assistance | 09/30/2018                        | Copies of public information developed, photos of events and displays, meeting minutes, and annual report |
| Promotional Items for public education events   | 09/30/2018                        | Receipts for promotional items purchased.   |
|   |                                   |   |

Team Member Signatures:

*Michael Schwartz*  
*Jeff Reicherts*  
*Stephen Goss*  
*Tracy Lacey*  
*Thomas L. Fevig*  
*Donald K. Ullrich*  
*Paul Smith*  
*Bill K. Rusk*

Printed Name:

*Michael Schwartz*  
*JEFF REICHERTS*  
*Stephen Goss*  
*Tracy Lacey*  
*THOMAS L. FEVIG*  
*DONALD K. ULLICH*  
*Paul Smith*  
*Village of Vicksburg*

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Attention: Jason Berndt  
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# Wellhead Protection Grant Program

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Printed Name:

TRACY MCMILLAN  
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\_\_\_\_\_

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Attention: Jason Berndt  
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**Village of Vicksburg**  
**WELLHEAD PROTECTION PROGRAM**  
**Team Meeting – June 7, 2018 (Quarter 3)**

**MINUTES**

**1. Wellhead Protection Team – Attendance and Team Members**

|                                     | <b>Name</b>      | <b>Organization</b>                   | <b>Email</b>   |
|-------------------------------------|------------------|---------------------------------------|--|
| <input checked="" type="checkbox"/> | Michael Schwartz | Prein&Newhof                          | mschwartz@preinnewhof.com  |
| <input type="checkbox"/>            | Jim Mallery      | Village of Vicksburg -<br>Manager     | jmallery@vicksburgmi.org   |
| <input checked="" type="checkbox"/> | Jeff Reicherts   | Kalamazoo County Health<br>Department | JDREIC@kalcounty.com   |
| <input checked="" type="checkbox"/> | Thomas Fevig     | Bridge Organics                       | thomasfevig@aol.com  |
| <input checked="" type="checkbox"/> | Steve Goss       | Vicksburg Community<br>Schools        | sgoss@vicksburgschools.org   |
| <input checked="" type="checkbox"/> | Tracy Locey      | Brady Township                        | tlocey@vicksburgmi.org   |
| <input type="checkbox"/>            | Michael Tichvon  | Angels Crossing Golf,<br>Village      | Tichvon12@hotmail.com  |
| <input type="checkbox"/>            | Randy Schippers  | Village DPW                           | <a href="mailto:rschippers@vicksburgmi.org">rschippers@vicksburgmi.org</a> |
| <input checked="" type="checkbox"/> | Ron Smith        | Sunset Lake Association               | rsmith@vicksburgmi.org   |
| <input checked="" type="checkbox"/> | William Brumleve | Village Citizen                       | billbrumleve@hotmail.com   |
| <input checked="" type="checkbox"/> | Tracy McMillan   | South County Fire Authority           | <a href="mailto:tmcmillan@skcfire.org">tmcmillan@skcfire.org</a>           |
| <input type="checkbox"/>            | Bill Hunts       | Vicksburg – Planning<br>Commission    | <a href="mailto:Hoots123@aol.com">Hoots123@aol.com</a>                     |
| <input checked="" type="checkbox"/> | Don Ulsh         | Schoolcraft Township                  | dulsh@schtwp.org   |

Mr. Schwartz welcomed everyone to the meeting. Sign-in sheet was passed around for signatures along with an agenda (copy enclosed).

**2. Grant Status – The current proposed grant was discussed**

- a. Public Education – See below Item 3
- b. Purchase promotional items – See below Item 4
- c. 2018-2019 grant was discussed – See below Item 5

**3. Public Education and Participation – the following items were outlined:**

- Public Education Opportunities – 2018 VCS Tailgate (fall) – Event will be held Thursday, August 30<sup>th</sup>, 2018. Vicksburg will have tent and promotional items available. Vicksburg will perform annual educational survey at this event.
- Inform and involve community about wellhead protection – Newsletter Document (1) – Topic: A Citizen's Guide to Boat and Auto Care, along with reporting illicit discharges via 24-hour hotline number 269-381-3171
- Inform and involve community about wellhead protection – Newsletter Document (2) – Topic TBD, discuss PFAS as an option
- Village is now promoting TMDL and other events on website. Promoted the following:  
Master \*Rain\* Gardener Course  
A partnership between Kalamazoo Valley Community College, the Nature Center, and the Kalamazoo River Watershed Council, this course is an in-depth and in-person class that will teach you everything needed to create a living rain garden at your home or place of work. The class will lead you through all phases, from locating and designing to planting and maintaining a beautiful and functional rain garden.  
Dates: Thursday evenings, 9/6 - 10/4/2018  
Time: 5:30 - 7:30 PM  
Location: KVCC Food Innovation Center  
Registration Fee: \$45 (discounted, reg. price \$125)  
Website: <http://kalamazooriver.org/mrg/>  
  
Kanoe the Kazoo 2018  
An annual event since 2003, Kanoe the Kazoo and its many hosts work together to offer guided paddle trips along the Kalamazoo River, tributary streams, and local inland lakes to area citizens. Our mission is to introduce residents and visitors to the beauty and recreational opportunities in our own backyard. This year we are excited to announce many fun and unique paddle trips from June – September.  
See website for full schedule: <http://kalamazooriver.org/events/kanoe-the-kazoo/>
- Vicksburg Community Schools involvement (Red & White publication) – Article was published. Steve G. to provide copy of article for annual report.
- Sunset Association Meeting – Date Wednesday June 13<sup>th</sup>. Ron was provided fliers on Septic for distribution.
- Rotary Club Presentation – Mike S. presented on March 9<sup>th</sup> on the Village of Vicksburg WHPP program.

**4. Promotional Items**

- Carabineer – Products are in and at Village hall. This order the carabineer is blue instead of previous order of Red. Item was brought to meeting and everyone liked the final product.
- Re-Usable bags – Products are in and at Village hall. Item was brought to meeting and everyone liked the final product.
- Can Cozies – Products are in and at Village hall. Item was brought to meeting and everyone liked the final product.

**5. 2018-2019 Tasks**

- Participation forms were received. Tracy to track down remaining few
- Review options for a new well site. Three potential sites were discussed: Recreation Park along Sprinkle Road, near Centennial Development, and near the Angels Crossing Development. P&N to provide budget to Village for grant application.

**6. Next Meeting – All meetings at 11:45 am**

- Thursday August 30, 2018 (Quarter 4)



**Village of Vicksburg**  
**WELLHEAD PROTECTION PROGRAM**  
**June 7, 2018 (Quarter 3)**

**AGENDA**

**1. Wellhead Protection Team – Introductions**

- Circulate Sign-In Sheet

**2. Grant Status**

- 2017-2018 Grant
  - Public Education –
  - Major section update – Additional promotional items
- 2018-2019 Grant
  - Sign Forms

**3. Public Education and Participation**

- Public Education Opportunities – 2018 VCS Tailgate (fall) – Date
- Inform and involve community about wellhead protection – Newsletter Document (Car and Boat Care)
- Inform and involve community about wellhead protection – Newsletter Document (2)
- Village is now promoting TMDL and other events (Kanoë the Kazoo, Master Gardener – Rain Garden, etc.)
- Vicksburg Community Schools involvement (Red & White publication)
- Sunset Association Meeting – Date, Septic Literature for distribution
- Rotary Club Presentation – March 9<sup>th</sup> - completed

**4. Promotional Items**

- Carabineer - ordered
- Re-Usable bags - ordered
- Can Cozies - ordered

**5. 2018-2019 Tasks**

- Review options for a new well site

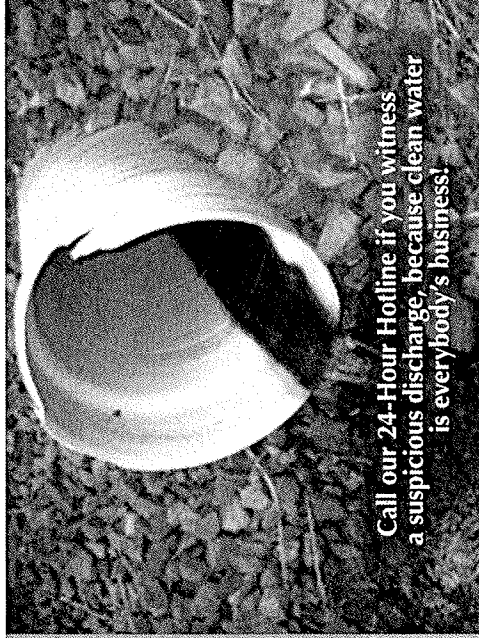
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# You make the difference.

Help protect our water for the next generation.

- **Properly dispose of household hazardous waste.**  
Never dump items such as motor oil, fuels, paints, cement, cleansers and pesticides on the ground or down the drain. These contaminate groundwater and surface waters. Instead, take them to the Kalamazoo County Household Hazardous Waste Center at 1301 Lamont St, Kalamazoo. Call 269-373-5211 for their hours of operation and other disposal advice.
- **Keep septic systems working properly.**  
Have septic systems checked every 2-3 years.
- **Check fuel storage tanks regularly for leaks.**  
Leaking aboveground and underground storage tanks are a major source of contamination. Check them!
- **Properly close abandoned wells.**  
Contract a driller to properly plug unused wells on your property. Unused wells transport contaminants directly to groundwater. We drink groundwater!
- **Wash cars away from storm drains.**  
When washing cars, direct wash water away from the streets and storm drains. If possible, wash cars on the lawn so that water can be absorbed and filtered.
- **Dispose of pet waste.**  
Pet waste can be high in bacteria and nutrients, and should be disposed of in a toilet or trash can.
- **Compost grass clippings and leaves.**  
Direct your mower discharge away from the street so grass clippings and leaves never get into roadways.
- **Don't guess, soil test.**  
Over-applications of fertilizers and insecticides can make their way into both surface water and groundwater. Apply lawn chemicals only as needed. Phosphorus is banned unless a soil test indicates deficiency. Follow the directions on the container.
- **Landscape naturally.**  
Consider landscaping with plants native to the area. They are well suited to our climate, pest resistant, and can reduce the need for irrigation and fertilizer.
- **Properly dispose of swimming pool waste water.**  
Chemicals in pools and spas can be hazardous to local streams and lakes. 3-5 days after the last chemicals added, direct water to drain to a grassed area on your own property.



Call our 24-Hour Hotline if you witness a suspicious discharge, because clean water is everybody's business!

# 24-Hour Water Pollution HOTLINE

Because clean water is everybody's business!

# 269.381.3171

## Brought to you by the partnership of Kalamazoo Storm Water Work Group:

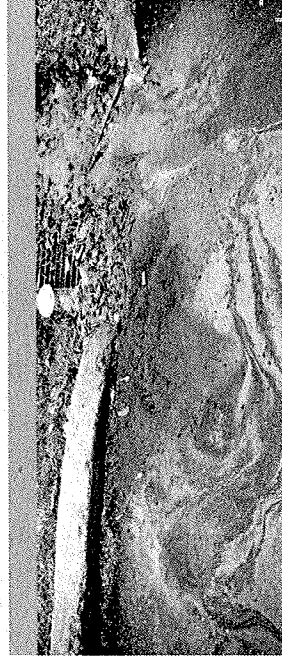
City of Kalamazoo  
City of Portage  
Kalamazoo County Road Commission  
Kalamazoo County  
Office of Drain Commissioner  
City of Galesburg  
City of Parchment  
Village of Vicksburg  
Western Michigan University  
Kalamazoo River Watershed Council  
Kalamazoo Public Schools  
Kalamazoo County  
Health and Community Services

For additional information,  
visit other water quality websites:

[www.kalamazooriver.org](http://www.kalamazooriver.org)  
<http://www.kalamazooriver.org/drain/education.htm>

Additional assistance for this brochure came from:  
Greater Battle Creek Area Watershed Management Committee  
Michigan Department of Environmental Quality  
Clean Michigan Initiative  
Barry-Eaton District Health Department  
Horry County, South Carolina

## Illicit Discharge Elimination Program





## Illicit discharge means pollution.

An illicit discharge is any discharge to the storm water drainage system that is not just rainwater. Some examples of illicit discharges include dumping of motor vehicle fluids; industrial, commercial or household hazardous wastes; direct connections between household plumbing and storm drains, failing septic fields; unauthorized discharges of sewage, industrial waste; restaurant waste; or anything else that is not rainwater. Grass clippings, leaf litter, animal waste and pool waste water are also sources of pollution.

When these illicit discharges reach rivers and lakes they impact the waterways we use for swimming, fishing and other recreational activities. Identification and elimination of illicit discharges is necessary to protect our water resources and prevent water-borne illnesses.

When you make a call to report an illicit discharge, you are protecting our rivers and lakes, as well as the fish and wildlife that live in and around them.



Storm sewers drain virtually everything from our lawns and streets directly into our local surface and groundwater. Because most storm water gets no additional treatment, we need to take extra care in what we allow to wash down these drains.

## What you can do.

Illicit discharges to water bodies such as streams, lakes and wetlands contribute to the degradation of the environment. Streams in Kalamazoo County flow to the Kalamazoo and St. Joseph Rivers, which eventually reach Lake Michigan. The Kalamazoo Storm Water Work Group is committed to protecting these valuable resources. However, we need your help to identify illicit discharges.

# 24-Hour Water Pollution HOTLINE

Because clean water is everybody's business!

# 269.381.3171

## What you can do.

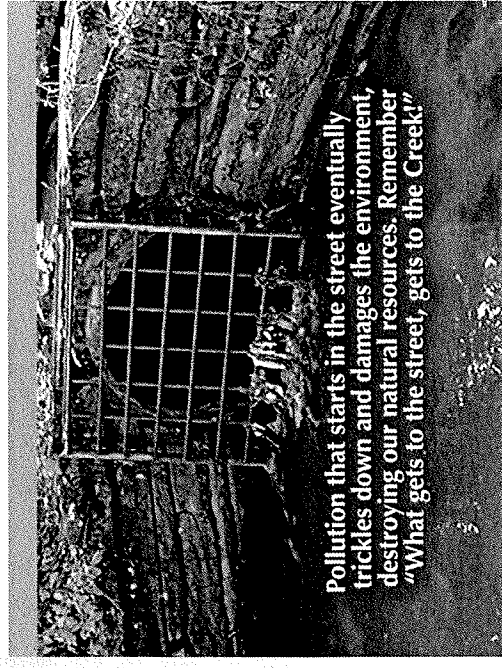
### Please call our hotline if you observe:

- A strong or chemical odor near a storm water inlet or outfall.
- Discharges—someone dumping suspicious substances into drains or into a water body
- Sewage on the ground surface

### Be prepared to give the following information:

- Location of complaint
- Source of pollution, if known
- Responsible party, if known
- Any other relevant observations

Pollution that starts in the street eventually trickles down and damages the environment, destroying our natural resources. Remember "What gets to the street, gets to the Creek!"



## A CITIZEN'S GUIDE TO BOAT & AUTO CAR

How we take care of our boats, personal watercrafts, mobile homes, cars and other vehicles greatly influences the health of the area lakes, rivers and streams. You can do your part to prevent pollution at the source by checking up on your marina and following a few simple tips.

### Car washing & boat cleaning



- Look for non-toxic and phosphate-free cleansers.
- Use alternative cleaners, such as baking soda and lemon juice. Avoid those with bleach, ammonia, lye or petroleum distillates (*see chart*).

| Product                  | Better Alternative  |
|--------------------------|---|
| Bleach                   | Borax or hydrogen peroxide  |
| Chrome cleaner           | Apple cider vinegar to clean, baby oil to polish  |
| Drain cleaner            | Boiling water and plunger or plumber's snake  |
| Engine cleaner           | Steam clean the engine in a dedicated service area.   |
| Fiberglass stain remover | Baking soda paste, scrub pad, "elbow grease"  |
| Paint stripper           | Physically remove old paint without chemical use. Avoid products containing methylene chloride, trichloroethylene, benzene, trichloroethane, xylene or toluene. |
| Scouring powders         | Baking soda and "elbow grease"  |
| Window cleaner           | Vinegar and lemon juice mixed in lukewarm water   |
| Wood polish              | Olive oil or almond oil for interior wood; use water- or borax-based products.  |

References: Marine Environmental Education Foundation's National Clean Boating Campaign 2000 Action Kit and Michigan Department of Environmental Quality's "Tips to Protect the Environment"

For more information, visit our website:

### Fuel and oil



- When fueling, avoid topping off! Remember that fuel expands as it warms up in your tank.
- Store fuel only in approved containers.
- Routinely check for and fix oil and fuel leaks.

### Engine care

- Keep boat and car engines properly tuned for efficient fuel consumption and clean exhaust.
- Use a drip pan when doing engine maintenance. Drippings left on the cement get washed into nearby drains and end up in our streams.



### Sewage control

- Use onshore restrooms when docked, and encourage everyone to use the facilities before casting off.
- Empty portable toilets *only* at pumpout stations or at home.
- Clean up after your pet to prevent pet waste from washing into storm drains.

Many marinas statewide have pumpouts and allow non-members to use them. Keep sewage out of storm drains and lakes!



Don't let a good drop go bad!



# Top 10 Ways to Be a Good Septic Owner

- ✓ Have your system inspected every three years by a qualified professional or according to your state/ local health department's recommendations
- ✓ Have your septic tank pumped, when necessary, generally every three to five years
- ✓ Avoid pouring harsh products (e.g., oils, grease, chemicals, paint, medications) down the drain
- ✓ Discard non-degradable products in the trash (e.g., floss, disposable wipes, cat litter) instead of flushing them
- ✓ Keep cars and heavy vehicles parked away from the drainfield and tank
- ✓ Follow the system manufacturer's directions when using septic tank cleaners and additives
- ✓ Repair leaks and use water efficient fixtures to avoid overloading the system
- ✓ Maintain plants and vegetation near the system to ensure roots do not block drains
- ✓ Use soaps and detergents that are low-suds, biodegradable, and low- or phosphate-free
- ✓ Prevent system freezing during cold weather by inspecting and insulating vulnerable system parts (e.g., the inspection pipe and soil treatment area)





# Do Your Part, Be SepticSmart:

## The Do's and Don'ts of Your Septic System

Learn these simple steps to protect your home, health, environment and property value:



### Protect It and Inspect It:

#### Do:

- Have your system inspected (in general) every three years by a licensed contractor and have the tank pumped, when necessary, generally every three to five years.

### Think at the Sink:

#### Don't:

- Pour cooking grease or oil down the sink or toilet.
- Rinse coffee grounds into the sink.
- Pour household chemicals down the sink or flush them.

#### Do:

- Eliminate or limit the use of a garbage disposal.
- Properly dispose of coffee grounds & food.
- Put grease in a container to harden before discarding in the trash.

### Don't Overload the Commode:

#### Don't:

- Flush non-degradable products or chemicals, such as feminine hygiene products, condoms, dental floss, diapers, cigarette butts, cat litter, paper towels, pharmaceuticals.

#### Do:

- Dispose of these items in the trash can!

### Shield Your Field:

#### Don't:

- Park or drive on your drainfield. The weight can damage the drain lines.
- Plant trees or shrubs too close to your drainfield, roots can grow into your system and clog it.

#### Do:

- Consult a septic service professional to advise you of the proper distance for planting trees and shrubs, depending on your septic tank location.

### Don't Strain Your Drain:

#### Don't

- Concentrate your water use by using your dishwasher, shower, washing machine, and toilet at the same time. All that extra water can really strain your septic system.

#### Do:

- Stagger the use of water-generating appliances. This can be helpful especially if your system has not been pumped in a long time.
- Become more water efficient by fixing plumbing leaks and consider installing bathroom and kitchen faucet aerators and water-efficient products.

For more SepticSmart tips, visit: [www.epa.gov/septicSMART](http://www.epa.gov/septicSMART)



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