

BOARD OF HEALTH – PROGRAM, POLICY, & APPEALS COMMITTEE
Agenda for April 28, 2022 at 8:00 AM

Meeting Location: Branch County Courthouse, Commissioner’s Meeting Room,
31 Division St., Coldwater, MI

1. Call to Order
 - a. Roll Call
2. Public Comment
3. New Business
 - a. 292 Will James Rd., Matteson Twp, Branch County Appeal*
 - b. Public Health Recognitions*
 - c. Annual Report*
4. Public Comment
5. Adjournment

Public Comment:

For the purpose of public participation during public hearings or during the public comment portion of a meeting, every speaker prior to the beginning of the meeting is requested but not required to provide the Board with his or her name, address and subject to be discussed. Each speaker will be allowed to speak for no more than three (3) minutes at each public comment opportunity. Board of Health By-laws, Article V, Section 3

Appeal Update

On April 5, 2022, Cody Johnson and I went back out to the property at 292 Will James Dr. to attempt to evaluate the existing drainfield on the property as we discussed in the appeal hearing on March 21. Ms. Cossairt was able to locate some of the corners of the drainfield that allowed us to determine the approximate dimensions of the existing drainfield. The drainfield was approximately 10' wide by 18' in length (180 sq. ft.) and had only 6" of stone in the field. The minimum size of a drainfield for her existing and proposed home would be 400 sq. ft. and a total of 12" of stone would be required. We were also able to determine that the existing drainfield is 43' from the neighbors well at 294 Will James Dr. (50' isolation is required) and is 42' from the channel (50' isolation is required).

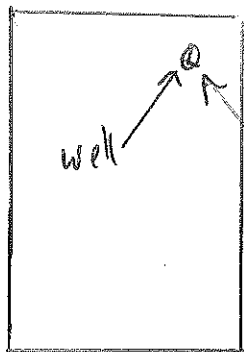
Unfortunately, this investigation did not create any viable options for Ms. Cossairt to proceed with her project of replacing her existing mobile home and constructing a new septic field that would meet the sizing requirements along with all the required isolation distances. At this point, the only alternative that we have to give her approval to move forward is to issue a permit for a holding tank.

Respectfully submitted,

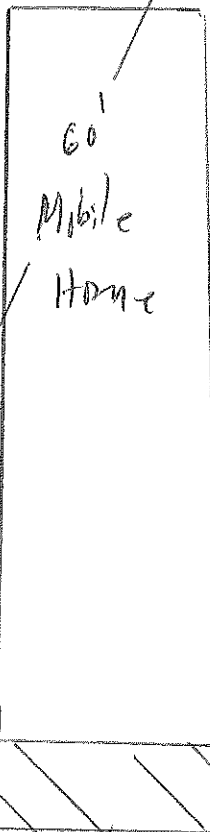
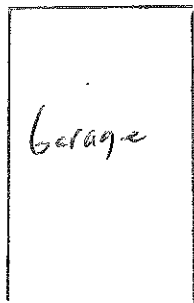
Paul Andriacchi REHS

Will James Rd

N



43'



Septic tank

10'

approx. dimensions of drainfield

18'

48'



existing well

Channel



570 Marshall Rd
Coldwater, MI 49036

March 11, 2022

Gina M Cossairt
292 Will James Dr
Bronson, MI 49028

Dear Ms. Cossairt:

The Branch-Hillsdale-St. Joseph Community Health Agency (BHSJCHA) is in receipt of your request for appeal. This letter explains when the appeal will be heard and next steps.

Included with this letter are the materials that have been provided to the Board of Health members who will be hearing your Appeal. The Appeal will be reviewed by the Program, Policy, and Appeals Committee (PPAC) at their next meeting on Monday, March 21, 2022 at 1 pm in the Commissioner Meeting Room at the Branch County Courthouse. The Branch County Courthouse is located at 31 Division St, Coldwater, MI 49036.

It is customary for PPAC to review and make a recommendation for action by the full Board of Health. The full Board of Health meeting will be on Thursday, March 24, 2022 at 9 am in the Commissioner Meeting Room at the Branch County Courthouse, and I expect a final decision will be made at that meeting.

If you have any questions, please feel free to call me at 517-933-3040.

Sincerely,

Rebecca A Burns, MPH RS
Health Officer



Environmental Health Appeals

Procedure: Appeals received as outlined in the Environmental Health Code will be first reviewed and heard by the Program, Policy and Appeals Committee (PPAC) of the Board of Health. The PPAC then provides a recommendation for full board action at the next regularly scheduled Board of Health meeting.

Environmental Health Code for Branch, Hillsdale, St. Joseph Counties, Michigan: The Environmental Health Code (EHC) for Branch, Hillsdale, and St. Joseph Counties is a legal regulation supported by the three county government commissions that received final approval from the Board of Health. The version currently in effect was adopted by the Board of Health on December 20, 1990 and became effective April 1, 1991.

Authority: The EHC identifies in Article 1, Section 102. Authority. "...adopted under authority conferred upon local health departments by Section 2441(1) of the Michigan Public Health Code, P.A. 368 of 1978 as amended." This section states:

Sec. 2441.

A local health department may adopt regulations necessary or appropriate to implement or carry out the duties or functions vested by law in the local health department. The regulations shall be approved or disapproved by the local governing entity. The regulations shall become effective 45 days after approval by the local health department's governing entity or at a time specified by the local health department's governing entity. The regulations shall be at least as stringent as the standard established by state law applicable to the same or similar subject matter. Regulations of a local health department supersede inconsistent or conflicting local ordinances. .

- History: 1978, Act 368, Eff. Sept. 30, 1978 ;-- Am. 1986, Act 76, Imd. Eff. Apr. 7, 1986 ;-- Am. 2010, Act 72, Imd. Eff. May 13, 2010*
- Popular Name: Act 368*

Purpose: The EHC identifies in Article 1, Section 104. Purpose. "...adopted for the purpose of protecting public health and safety and the quality of the environment as it affects human health, and to prevent the occurrence of public health nuisances."

Appeals Board: The EHC identifies in Article 1, Section 119. Appeals Board. "Appeals from the rulings of the Health Officer are provided for reasonable and equitable interpretations of the provisions of these regulations. The Branch-Hillsdale-St. Joseph district Board of Health, Board of Appeals shall hear any appeal presented in accordance with rules of procedure established by the Board. The Board shall furnish the appellant with a written report of its findings and decision."

Hearing of Appeals: The EHC identifies in Article 1, Section 120. Hearing of Appeals. “Appeals shall be submitted in writing, addressed to the chairman of the Branch-Hillsdale-St. Joseph District Board of health in care of the Health Officer. Hearing of an appeal shall be granted at the next scheduled or regular meeting the District Board of Health or at the discretion of the chairman thereof at a special meeting called for the purpose: provided, that no hearing shall be scheduled within less than ten (10) days of receipt of written request. *The Board may grant individual variances from the requirements of these regulations when said Board has adequately determined that all of the following conditions exists:*

- 1) *That no substantial health or nuisance is likely to occur therefrom.*
- 2) *That strict compliance with the code requirements would result in unnecessary or unreasonable hardship.*
- 3) *That no state statute or other applicable laws would be violated by such variance.*
- 4) *That the proposed variance would provide essentially equivalent protection in the public interest.”*

Criteria for Permit Denial: The EHC identifies in Article 6, Section 600.9.1. Criteria for Permit Denial. “The Health Officer may decline to issue a sewage disposal facility permit for any of the following reasons or causes:

- a) ...
- b) Failure of the proposed sewage disposal facility design to conform to the requirements of Article VII of these Regulations.
- c) Failure of the proposed installation site for the sewage disposal facility to conform to the requirements of Article VII of these regulations.....”

Site Acceptance Criteria : The EHC identifies in Article 7, Section 700.3. Site Acceptance Criteria. “An acceptable site for a sewage disposal facility shall possess soils which are of sufficient quantity and permeability to absorb all sewage effluent to be discharged upon such site, and to insure its confinement beneath the ground surfaces at all times. The following minimum criteria shall also be determined to exist by the Health Officer as the basis for any site approval:

- f) Sufficient suitable area shall be available and reserved to provide for a minimum of one replacement system without utilization or disruption of the initial installation.”

Contractual requirements between DEQ and the BHSJCHA to administer the on-site wastewater program.

MPR I: The local health department shall have a wastewater treatment regulation capable of protecting the public health legally adopted under enabling state legislation. The regulation shall authorize an enforcement process that is utilized and includes the capability to deny permits, issue orders for corrections of failed systems, and/or other remedies for construction without a permit or for violating an order.

References: Sections 2433 through 2446 of the Public Health Code, 1978 PA 368, as amended; Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; and Part 22, administrative rules.

DEQ On-Site Wastewater Program Staff Advice.

- In a 2009 response to a request for input from DEQ on an appeal of a denial of a sewage permit, the Agency was advised that the request, “should be denied until sewer becomes available or additional land with suitable soils is obtained that can support an onsite sewage system that complies with your department’s Sanitary Code.”

Cossairt Appeal

Our agency received a change of use request from Ms. Cossairt in late January, 2021. The proposal was for replacing an existing mobile home with a new mobile home on the property located at 292 Will James Rd. in Matteson Twp. In Branch County. Cody Johnson was the sanitarian assigned to this project, he did an inspection of the property in February, 2021. Prior to making the inspection our records were reviewed and it was noted that we had no records of the septic system or the well for this property. During his inspection, Cody was able to find the septic tank and a small drainfield area on the property. Because we had no records of permits or inspections of the septic system, the application was denied and Ms. Cossairt was informed that a new home could not be connected to the existing septic system. She was also informed that due to the small lot size and the proximity of the neighboring well that it was not feasible to issue a permit for a new drainfield. Cody did suggest she talk to the neighbor about the possibility of having the his well moved.

Several months later Ms. Cossairt called Cody and requested that he meet out at her property along with the neighbor to the north to discuss the possibility of him moving the well. I joined Cody on that visit and we discussed the situation with Ms. Coissairt and the neighbor and explained to the neighbor the difficulty of Ms. Coissairt's situation due to the location of his well. We determined that there was another area that the well could be located that would make space available for the septic on the Coissairt property. The neighbor was not willing to make any agreements to move the well but indicated to Ms. Coissant that he would think about it and get back to her.

We did not hear back from Ms. Coissairt for a number of months at which point I instructed her that without getting relief from the neighbors well that only other option we had was to issue her a permit for a holding tank. She indicated that she did not want to go that route and wanted to file an appeal to our decision. Since she initially had only applied for a change of use, I instructed her that she would have to apply for a septic permit which would be denied and that would trigger the process to file an appeal.

There are a number of issues associated with this lot that need to be noted. The lot is approximately 50'x120' and is bordered on the west by a channel. The lots on either side of the Coissairt property have homes with wells and septic systems. When the isolation distances from wells on each side of the property are measure out (50' required) along with a 50' isolation requirement from the water (channel) there is very little space available for a septic tank and drainfield. We have estimated that there is approximately 300 sq. ft available. Our environmental health code would require a 1000 gallon septic tank and 400 sq. ft. drainfield and enough reserve area for an additional 400 sq.ft. drainfield.

It is the determination of our agency that the property in question cannot accommodate the required drainfield area to adequately service the home that is proposed. Furthermore, if we were to reduce the size of the drainfield to fit in the available area, it could lead to the creation of a potential health nuisance. It should also be noted that the state code does not allow us to issue a variance from a septic system to a neighboring well. We have worked with Ms. Cossairt and the neighbor to try and come up with a solution (other than a holding tank) that would meet the code requirements, but without moving the well there is just not space to construct an adequate drainfield.

Branch-Hillsdale-St. Joseph Community Health Agency

www.bhsj.org

570 Marshall Road
Coldwater, MI 49036
(517) 279-9561 ext. 106

20 Care Drive
Hillsdale, MI 49242
(517) 437-7395 ext. 311

1110 Hill Street
Three Rivers, MI 49093
(269) 273-2161 ext. 233

Office Use Only

Date Received 1-27-21
"C" Receipt # 5427
Received by EH
Amount Received 99.00
Township Code MJ
Section Number 26
Record Search by EH

APPLICATION FOR: Change of Use

Fee is dependent on service provided. Contact your local office.

Make checks payable to: "Community Health Agency" (Drivers license number must be on all personal checks) (Signature below and payment of fees indicate that the applicant has or will provide all necessary information accurately. No refund will be available after staff has provided field assistance. There is a \$25.00 handling fee charged if no field service has been provided.)

Address/Location 292 Will James Drive

Subdivision _____ Lot # _____ Property Tax ID # 050-026-100-046-00

Owners' Name: Gina Cassart Phone: 954-794-9592

Owners' Current Address: 212 Will James City: Benton State _____ Zip _____

Contractor or Contact Person Ryan (Avera Homes) Phone: 517-617-4404

Address 825 E Chicago rd City: Oshtemo State MI Zip 49082

TOWNSHIP ZONING PERMIT # 0409

Send Permit to: • Owner • Contractor or Contact Person

Email address: _____ averahomes@yahoo.com

Please answer the following questions:

- | | Yes | No |
|--|-------------------------------------|-------------------------------------|
| 1. Does the proposal involve a property on a body of water? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Are you building or rebuilding beyond the existing footprint of the home? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are you adding bedrooms to the home? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Number of existing bdrms. _____ Total bdrms. upon completion _____ | | |
| 4. Is or will there be a water softener? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Is or will there be a garbage grinder? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Does your proposal involve adding a | | |
| a. detached garage - size _____ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. pole barn - size _____ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. deck..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. patio..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. swimming pool..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. fence..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g. other(explain) _____ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

THE FOLLOWING ANSWERS MAY HELP US LOCATE EXISTING PERMITS ALREADY ON FILE:

Check here if there is • WELL • SEPTIC system on site.

When was home built? _____ Property size _____

Name of original owner? _____ Name(s) of previous owners? _____

PROPOSED CHANGE AND DIAGRAM

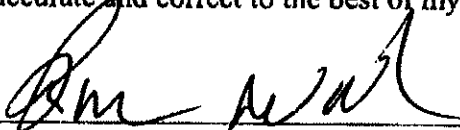
Address/Location: _____

A detailed and accurate drawing is required. Please include the following in the diagram;

1. Site boundaries and property dimensions.
2. Locations of all buildings and driveways.
3. Locations of existing well and or sewage system (indicate tank and drainfield locations).
4. Prominent landmarks on or near the site (surface water, fences, large trees, buildings, neighboring houses, etc).
5. Wells, sewage systems, and fuel tanks on adjacent lots.
6. Indication of the direction (north arrow)

I, the owner, or the owner's representative, agree to allow a representative of the Community Health Agency access to the described parcel to perform necessary tests and observations. I also have submitted a diagram that I believe is accurate and correct to the best of my knowledge.

Signature



Date

1-27-21

BRANCH - HILLSDALE - ST. JOSEPH COMMUNITY HEALTH AGENCY

570 Marshall Road
Coldwater, MI 49036
(517) 279-9561
(517) 278-2923 Fax

20 Care Drive
Hilldale, MI 49242
(517) 437-7393
(517) 437-0166 Fax

1110 Hill Street
Three Rivers, MI 49093
(269) 273-2161
(269) 273-2452 Fax

EVALUATION REPORT: CHANGE OF USE OF EXISTING SEWAGE SYSTEM

Application Number 5427 Date 1/27/21

Township Matteson Section 26
Address or Location 292 Will James dr

Property Tax ID# 050-056-100-040

Owner Gina Cassart
Mailing Address 292 Will James dr
City Bronson State MI Zip 49062

Sewage Permit Number No Records Date _____

Permit Approved? Yes No

Septic tank volume: 1st tank _____ 2nd tank _____

[Determined by: Tank Volume written on Permit _____

Pumper's statement _____ (attach copy of statement)

Other _____]

Sub-surface Absorption System (circle one):

Trenches Filter Bed Mound Drywell Not Determined

Estimated size of absorption system: unknown square feet

Advanced Treatment Unit? Yes No

Indication of failure in absorption system? Yes No

Distance to water supply:

on premise being evaluated NA feet

on adjacent premise(s) NA feet

Distance to nearest body of surface water: NA feet

Depth to seasonal high water table ~ 2 feet

Soil Type: _____

Sandy

Comments: Proposed house is not acceptable for septic system.

See Attached

Sewage System IS NOT Acceptable for the Proposed Change of Use.
 Sewage System IS Acceptable for the Proposed Change of Use:

TOTAL # OF BEDROOMS, MAXIMUM

BUILDING ADDITION, NO NEW BEDROOMS
A copy of the site plan submitted for review and considered for this report is attached.

Sanitarian Signature [Signature]

Date 2/9/21

BRANCH-HILLSDALE-ST. JOSEPH DISTRICT HEALTH DEPARTMENT

809 Marshall Road
Coldwater, MI 49036
(517)279-9561

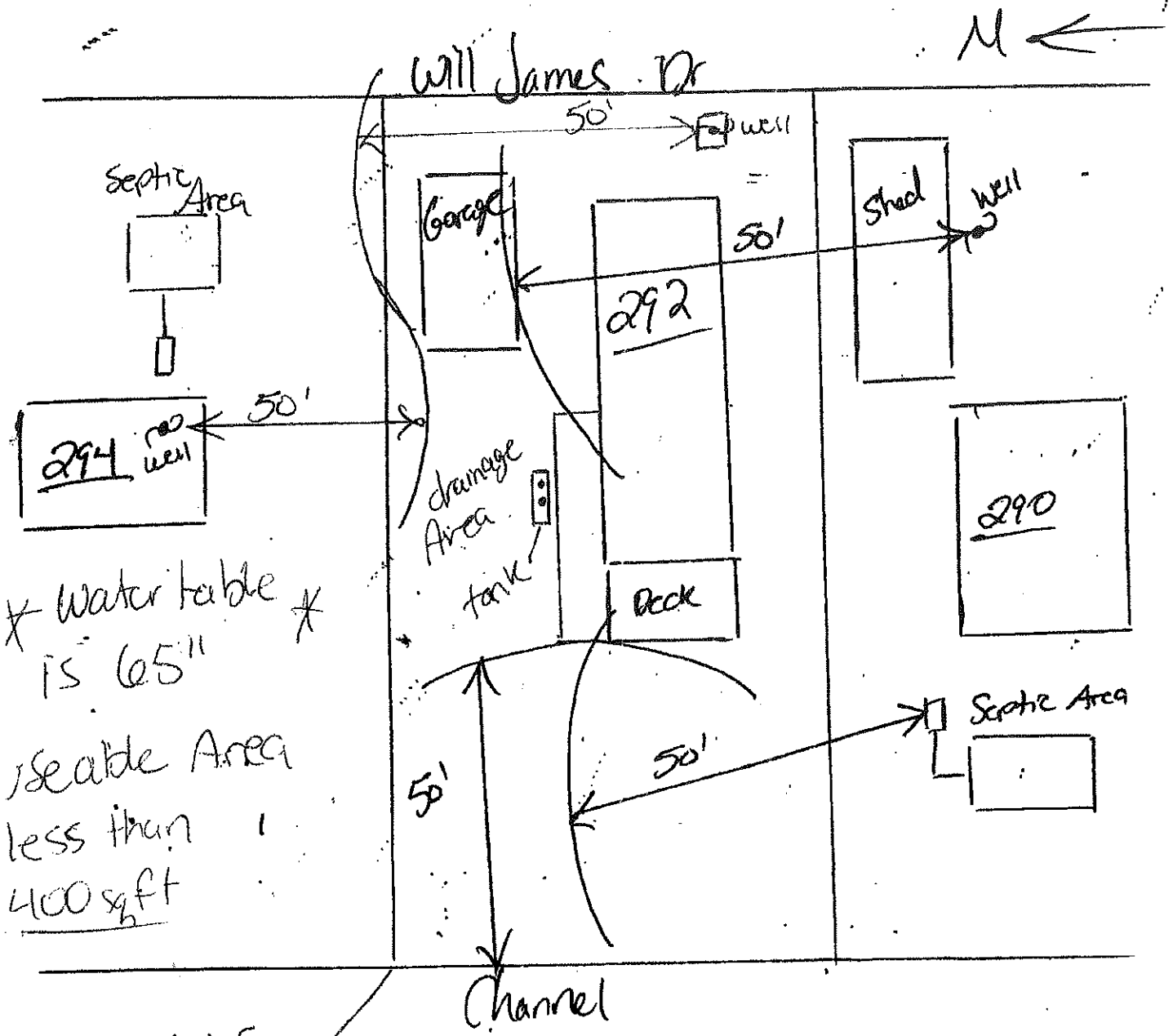
20 Care Drive
Hilldale, MI 49242
(517)437-7395

1110 Hill Street
Three Rivers, MI 49093
(616)273-2161

DESIGN LAYOUT SHEET

Sewage Permit # N/A Owner's Name: _____
Well Permit # N/A Property Address: 892 Will James Dr. City: _____
Drawn by: Cody Johnson Date: _____

This drawing is meant as an attachment to the specific permits listed above. Installation of the well/septic must comply with the requirements listed on the corresponding permit(s). Health Department must be contacted before any changes are made from the drawing below.



* Water table is 6.5"
seable Area less than 400 sq ft

lots Are Approx 50x120

THIS IS NOT A PERMIT

* water table to high for drywells *

Branch-Hillsdale-St. Joseph Community Health Agency

www.bhsj.org

570 Marshall Road
Coldwater, MI 49036
(517) 279-9561 ext. 106

20 Care Drive
Hillsdale, MI 49242
(517) 437-7395 ext. 311

1110 Hill Street
Three Rivers, MI 49093
(269) 273-2161 ext. 233

| Office Use Only | |
|------------------|-----------------------|
| Date Received | <u>1-19-22</u> |
| "C" Receipt # | <u>7980-Septic/79</u> |
| Received by | <u>EH</u> |
| Amount Received | <u>390.00</u> |
| Township Code | <u>MN</u> |
| Section Number | <u>26</u> |
| Record Search by | <u>EH</u> |

APPLICATION FOR:

- Sewage Permit (\$197)
- Well Permit (\$193)
- Site (vacant land) Evaluation (\$134)

Make checks payable to: "Community Health Agency" (Drivers license number must be on all personal checks) (Signature below and payment of fees indicate that the applicant has or will provide all necessary information accurately. No refund will be available after staff has provided field assistance. There is a \$25.00 handling fee charged if no field service has been provided.)

Address/Location 292 Will James DR. Bronson, Mich. Mottosord Lake

Subdivision _____ Lot # _____ Property Tax ID # parcel # 050-022-100-040-00

Owners' Name: Gina M. Cassart & Shirley Alger Phone: 954-774-9592

Owners' Current Address: 292 Will James DR City: Bronson State: MI Zip: 49028

Contractor or Contact Person Avra Rentals & Mobile Home Sales Phone: 517-637-4444

Address 825 E Chicago Rd Quincy, Mo. City: Quincy State: MI Zip: 49052

Send Permit to: Owner Contractor or Contact Person

Email Address: N/A

| | Existing | Proposed |
|--|----------|----------|
|--|----------|----------|

| | | |
|---------------|----------|----------|
| # of bedrooms | <u>2</u> | <u>2</u> |
|---------------|----------|----------|

| | | |
|----------------|----------|----------|
| # of bathrooms | <u>1</u> | <u>2</u> |
|----------------|----------|----------|

| | | |
|----------------|----------|----------|
| # of occupants | <u>1</u> | <u>2</u> |
|----------------|----------|----------|

| | | |
|-----------------|--|--|
| Water softener? | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |
|-----------------|--|--|

| | | |
|-------------------|--|--|
| Garbage disposal? | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |
|-------------------|--|--|

| | | |
|----------------|--|--|
| Fuel oil tank? | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y <input checked="" type="checkbox"/> N |
|----------------|--|--|

Previous Health Dept. Site Evaluation Yes No

THE FOLLOWING ANSWERS MAY HELP US LOCATE EXISTING PERMITS ALREADY ON FILE

Check here if there is WELL SEPTIC system on site.

When was home built? 1977 Liberty Trailer

Name of original owner? Norma Scheckels

Name(s) of previous owners? Norma's father

Property size 50 ft x 100 ft

TOWNSHIP ZONING PERMIT# 0409

APPLICANT MUST INCLUDE SKETCH OF:

- site boundaries and property dimensions
- locations of all buildings and driveways
- locations of existing well and/or sewage system
- prominent landmarks on or near the site (surface water, fences, large trees, buildings, neighboring houses, etc.)
- wells, sewage systems, and fuel tanks on adjacent lots
- indication of the direction (north arrow)

I, the owner or the owner's representative, agree to allow the representative of the Community Health Agency access to the described parcel to perform necessary tests and observations. The applicant certifies that the information contained in this application is complete and accurate to the best of their knowledge.

Signature Gina M. Cassart

Date 1/12/2022



2/10/2022

Certified

Gina Cossairt
292 Will James Dr.
Bronson, MI 49028

Re: 292 Will James Dr, Bronson, MI (050-026-100-040-00)

Ms. Cossairt:

This agency has received the application for a septic permit which was submitted, for a new house to replace the one currently located on the parcel listed above. An office review of the proposed site plan and an on-site review have been made to determine if the “site possesses characteristics which will permit the safe and adequate operation of a [sewage disposal] facility [which] will not create a nuisance and [will produce] no adverse effects to human health and safety.”.

The Environmental Health Code (EH Code) for Branch, Hillsdale and St. Joseph Counties, Michigan (quoted above) lists the “site acceptance criteria” for sewage disposal facilities that have been weighed against the proposed site plan that has been submitted. This site plan cannot be considered “acceptable” since it does not have “sufficient suitable area . . . available and reserved to provide for a minimum of one replacement [septic absorption] system without utilization or disruption of the initial installation” as required in the EH Code Section 700.3(f). In addition, Section 703 of the same code requires that sewage sub-surface absorption system be installed in such a location as to maximize its potential for long-term satisfactory operation and prohibits the installation of a system in any location which may subject it to damage from vehicular traffic.

Due to the failure of the proposed installation site to conform with the requirements of the Section 700.3(f), the Health Officer has declined to issue a sewage disposal facility permit for this location as allowed in the EH Code Section 600.9.1(c). Appeals from the

rulings of the Health Officer are provided for reasonable and equitable interpretations of the provisions of the EH Code. Appeals shall be submitted in writing, addressed to the chairman of the Branch-Hillsdale-St. Joseph District Board of Health in care of the Health Officer.

Sincerely,

Cody Johnson

Sanitarian

CC:

Environmental Health Director

2/28/2022

pg 1 of 2

GINA MCOSAIRT
292 Will James DR
Bronson, Mi. 49028

RE: Request for APPEAL OF SEPTIC TANK PERMIT DENIAL
FOR PROPERTY AT 292 WILL JAMES DR, BRONSON, MI

Dear Health Officers,

I am writing for an appeal hearing request for my property at Matteson Lake. I understand the code and you are abiding by that; however when the new codes were written I am not sure the lake properties were taken into consideration, which is no fault of yours. And I believe my property has extenuating circumstances.

1st: I can no longer insure my trailer after the tornado in 2020, a small branch went thru my roof and ceiling of my closet, my insurance company declared my trailer "uninsurable" and paid it off. My garage, deck & pump house are all insured, but I can't find not 1 company who will insure a 1977 Liberty trailer with a dirt foundation.

2nd: My foundation is dirt. It's beginning to collapse down toward the channel side. My skirting is being held in place by cinder blocks, if I move them it just falls out and I'd be had to replace part of the floor under the refrigerator in the kitchen.

The 3rd and most important reason I will list here (and there are more reasons):

My Mom needs to move in, she's 87 on oxygen and has heart problems. It's the reason I started all this. We can't afford a house. We can't afford to do this properly but she's my main concern, I can't bring her here unless it's replaced.

These are a number of other reasons.
I will bring pictures and any other
information you would like me too.

When Cody Johnson & Paul Andrecki
came out I do have enough room on my
property for a new well (which it needs) and
a septic tank and drainfield.

Thank - you for your time and
consideration.

Respectfully &
Sincerely

Hina McCaskey
2912 Hill Jamel
Bronson Mo
646028

954-774-9592

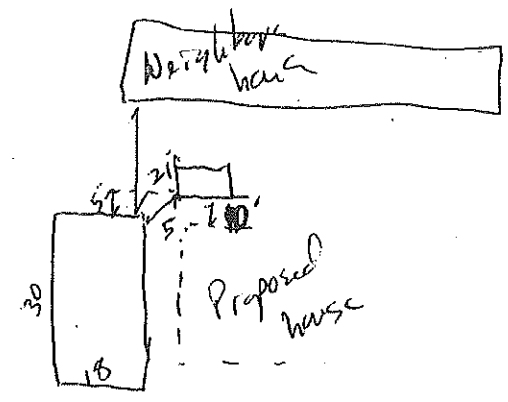
Human Services Building
570 Marshall Road
Coldwater, Michigan 49036
(517) 279-9561

20 Care Drive
Hillsdale, Michigan 49242
(517) 437-7395

1110 Hill Street
Three Rivers, Michigan 49089
(616) 273-2161
(800) 258-1092

SEWAGE SYSTEM CONSTRUCTION PERMIT Permit # **S 2646** C

| | | | |
|---|------------------------------|--|-----------------------------------|
| Application Receipt # <u>125041</u> | | Tax ID # <u>050-026-100-095-00</u> | |
| Township Name <u>Matheson</u> | Section # <u>26</u> | Site Address: <u>2993 Kinder Rd. 49028</u> | Subdivision: <u>BRANSON MT</u> |
| Property Owner: <u>Tim Murphy</u> | | Drawing of Proposed Site: <u>290 Will James Dr.</u> | |
| Owner's Address: <u>2993 Kinder Rd.</u> | | Sec Attached Diagram <input type="checkbox"/> | |
| City: <u></u> | Phone: <u>369.5345</u> | <i>* See attached bid sheet (site plan)</i> | |
| Received by: <u>Jim Bratcher</u> | Date: <u>3-15-00</u> | | |
| Issued by: <u>Jim Bratcher</u> (H.D. Representative) | | | |
| Building Information: New <input checked="" type="checkbox"/> Existing <input type="checkbox"/> | | | |
| Residential: # of Bedrooms: <u>2</u> | Commercial: Type: <u></u> | | |
| Water Softener / Garbage Disp.: <u></u> | Water Supply: <u>II III</u> | | |
| Well Permit # - <u>22921</u> WSSN - | | | |



SEASONAL HIGH WATER TABLE (below ground surface) >4'

| | | | | | | |
|---|----|----|----|----|----|----|
| 0' | 1' | 2' | 3' | 4' | 5' | 6' |
| Sand + Gravel septic variance granted for <u>>25'</u> from channel and less than <u>50'</u> Jim P. | | | | | | |

1000 Design Specifications

Septic Tank 1000 Sub-surface Disposal Area 540
(minimum gal. capacity) (minimum sq. ft. soil absorption)

Minimum distance from well 50 ft.
Minimum distance from property line 5 ft.
Minimum distance from building 10 ft.
Minimum distance from lake, river or pond 50 ft.

Install vented baffle in outlet end of septic tank
Maximum depth of final cover over absorption area is 3 feet.

Bottom of absorption area must be at least **4 feet** above seasonal high water table.

No soil absorption system may be installed when soils are in a wet or saturated condition. Precautions shall be taken to minimize the smearing or sealing of infiltrative surfaces caused by excavation, machinery movement or walking.

Remarks: All parts of septic system must be AT LEAST 25' FROM CHANNEL!

THIS PERMIT AUTHORIZES THE CONSTRUCTION, REPAIR, ENLARGEMENT OR RELOCATION OF THE SEWAGE DISPOSAL SYSTEM IN ACCORDANCE WITH PLANS AND INFORMATION CONTAINED IN THE APPROVED APPLICATION SUBMITTED TO THE BRANCH-HILLSDALE-ST. JOSEPH DISTRICT HEALTH DEPARTMENT. WORK AUTHORIZED BY THIS PERMIT SHALL BE SUBJECT TO ANY SPECIAL CONDITIONS OR REQUIREMENTS AS NOTED ON THE PERMIT AND SHALL COMPLY WITH ALL REQUIREMENTS OF THE ENVIRONMENTAL HEALTH CODE FOR BRANCH, HILLSDALE AND ST. JOSEPH COUNTIES, MICHIGAN. IT SHALL BE UNLAWFUL FOR ANY SEWAGE DISPOSAL SYSTEM CONSTRUCTED, REPAIRED, ENLARGED OR RELOCATED UNDER AUTHORITY OF THIS PERMIT TO BE PLACED IN OPERATION WITHOUT PRIOR APPROVAL BY BRANCH-HILLSDALE-ST. JOSEPH DISTRICT HEALTH DEPARTMENT.

THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS AND CONSTRUCTION PERMITS REQUIRED BY LAW. ISSUANCE OF THIS PERMIT DOES NOT IMPLY COMPLIANCE WITH ANY OTHER CONSTRUCTION PERMIT OR ZONING LAWS, DEED RESTRICTIONS OR COVENANTS. FAILURE TO COMPLY WITH ANY OTHER LAWS REQUIRED FOR THIS CONSTRUCTION PROJECT AUTOMATICALLY MAKES THIS PERMIT NULL AND VOID.

REMINDER: Call MISS DIG 800-482-7171 before any excavation.

THIS PERMIT EXPIRES ONE YEAR FROM THE DATE ISSUED.

NOTE: Health Department must be notified at least 4 hours before backfilling.

Construction Inspection

Type of Baffle(s) on Outlet elbow

Type of Absorption Area filtered

Volume of Septic Tank(s) 1000 gal.

Volume of Pump Chamber gal.


FINAL APPROVAL:
DATE: 5-15-00 SANITARIAN Jim Bratcher
INSTALLER: Davenport

Human Services Building
570 Marshall Road
Coldwater, Michigan 49036
(517) 279-9561

20 Care Drive
Hillsdale, Michigan 49242
(517) 437-7395

1110 Hill Street
Three Rivers, Michigan 49093
(616) 273-2161
(800) 258-1092

WATER SUPPLY CONSTRUCTION PERMIT Permit # **W 22521**

| | | | | | |
|---|------------------------|---|--|---------------------------|----------------------------|
| Application Receipt # <u>125041</u> | | | Tax ID # <u>050-026-100-045 00</u> | | |
| Township Name <u>Matheson</u> | Section # <u>26</u> | Fraction <u>NW 1/4 NE 1/4 NW 1/4</u> | County <u>Branch</u> | Town No. <u>6 N(S)</u> | Range No. <u>8 E(W)</u> |
| Owner of Well: <u>Tim Murphy</u> | | | Location of Well: (Dist. and Dir. from road intersections) <u>2993 Kinder Rd.</u> | | |
| Owner's Address: <u>2993 Kinder Rd.</u> | | | City: <u>Brownsd, MI 49028</u> | | |
| Phone: <u>369-5345</u> | | | Site Address: | | |
| Received by: _____ Date: _____ | | | Drawing of Proposed Site: <u>See Attached Diagram</u> | | |
| Issued by: <u>Jim Brabata</u> (H.D. Representative) Date: <u>3-15-00</u> | | | * See attached bid sheet. (site plan) | | |
| Building Information: New <input checked="" type="checkbox"/> Existing _____ Residential: # of Bedrooms: <u>2</u> Water Softener / Garbage Disposal: _____ Sewage Permit # <u>26486</u> WSSN - _____ Commercial: Type: _____ Water Supply: II III WSSN - _____ | | |  | | |
| Design Specifications Isolation from septic system <u>50</u> ft. Isolation from sewer lines <u>10</u> ft. Isolation from fuel tank <u>50</u> ft. Minimum depth <u>25</u> ft. Existing well must be properly abandoned | | | | | |
| Deed Restrictions / Remarks: | | | | | |
| RESIDENTIAL WELL CONSTRUCTION AND PUMP INSTALLATION MUST COMPLY WITH PART 127 OF ACT 368 P.A. 1978 WELL LOG MUST BE SUBMITTED TO DISTRICT HEALTH DEPARTMENT WITHIN 60 DAYS OF WELL COMPLETION | | | Before placing a new, repaired or reconditioned water supply system into service and after all traces of chlorine have been flushed out, 1 or more water samples shall be collected from the sampling faucet. Organisms of the coliform group shall not be present in the sample or samples. The water supply owner shall be responsible for collecting the water sample or shall arrange for the owner's designated representative to collect the sample. The well drilling contractor or pump installer shall notify the water supply owner of the owner's responsibility for collecting the water sample. | | |

NOTE: Health Department must be notified at least 4 hours before backfilling around well or water service lines.

PERMIT EXPIRES ONE YEAR FROM DATE ISSUED

| | |
|--|---|
| Construction Inspection | Requested Inspection : Date: <u>8-7-00</u> Time: <u>12:</u> am / pm |
| WELL SIZE: <u>4"</u> | WELL CAP VENTED: <u>yes</u> Driller: <u>Yarling</u> Date Well Log Received: <u>11-8-00</u> |
| GROUT EVIDENT: <u>0</u> / N | SAMPLE FAUCET: <u>yes</u> (8" Above Floor) Pump Installer: <u>Yarling</u> Well Log Complete: <u>(Y) N</u> |
| WELL HEAD TERMINATION: pitless adaptor <input checked="" type="checkbox"/> basement offset _____ pumphouse _____ 12" above grade <input checked="" type="checkbox"/> | PRESSURE TANK LOCATION: <u>Crawl space</u> |
| PUMP TYPE: submersible <input checked="" type="checkbox"/> shallow well jet _____ deep well jet _____ other _____ | PUMP LOCATION: in well <input checked="" type="checkbox"/> basement _____ pumphouse _____ |
| TYPE OF SERVICE LINE: <u>1" 160 PSL Black</u> | ISOLATION FROM: septic tank/drainage <u>OK</u> feet _____ other (buried/fuel tank, manure lot, etc.) _____ |
| Approved: _____ Date: <u>8/7/00</u> Inspector: <u>JLB</u> Well Construction <input checked="" type="checkbox"/> Y / N Well Abandonment <input checked="" type="checkbox"/> Y / N / NA Well Pump Installed <input checked="" type="checkbox"/> Y / N | |
| Comments: _____ | |

BRANCH-HILLSDALE-ST. JOSEPH COMMUNITY HEALTH AGENCY

809 Marshall Road
Coldwater, MI 49036
(517)279-9561

20 Care Drive
Hillsdale, MI 49242
(517)437-7395

1110 Hill Street
Three Rivers, MI 49093
(616)273-2161

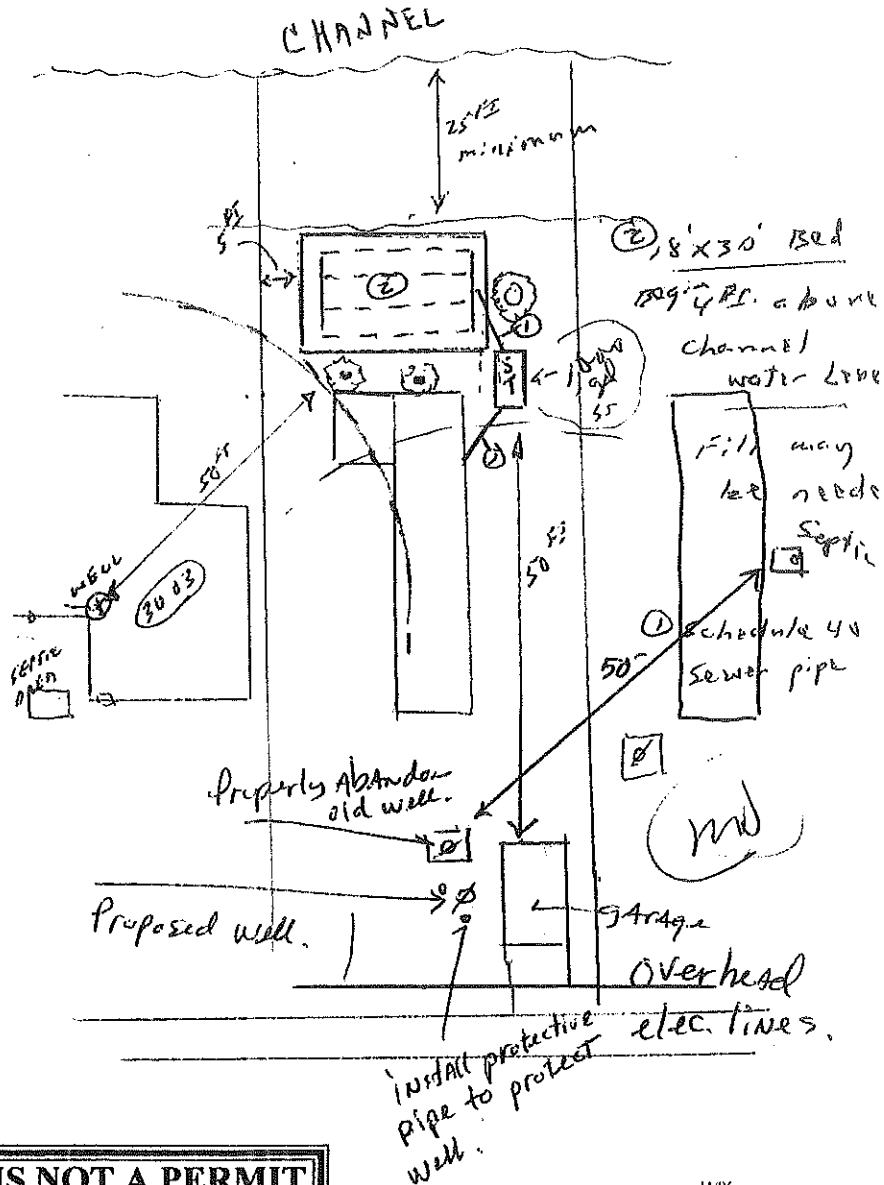
M.M. - 2/10

DESIGN LAYOUT SHEET

Sewage Permit # 717-2000 Owner's Name: Tim Murphy
Well Permit # _____ Property Address: 2993 Anthony Dr City: BS
Drawn by: M. Stevens Date: _____

This drawing is meant as an attachment to the specific permits listed above. Installation of the well/septic must comply with the requirements listed on the corresponding permit(s). Health Department must be contacted before any changes are made from the drawing below.

290 will James Dr.



THIS IS NOT A PERMIT

Annual Report 2021



DEDICATION

This Annual Report is dedicated to the residents of Branch, Hillsdale, and St. Joseph Counties who gave of their time and talents to support the efforts of the Health Agency during the COVID-19 Pandemic response. Without them, our agency would not have been able to meet the challenges and opportunities of the past 2 years.



BOARD OF HEALTH



Brent Leininger
Commissioner
Hillsdale County



Jared Hoffmaster
Commissioner
St. Joseph
County



Tom Matthew
Commissioner,
Vice-Chair
Branch County



Mark E. Wiley
Commissioner,
Hillsdale County



Kathy Pangle
Commissioner,
Chair
St. Joseph
County



Jon Houtz
Commissioner
Branch County

AGENCY DIRECTORS



**Rebecca
Burns**
MPH, RS
Health Officer



Dr. H. Lauren Vogel
DO, MPH
Medical Director



Theresa Fisher
Director of
Administrative
Services



Kali Nichols
MPH
Director of Personal
Health & Disease
Prevention

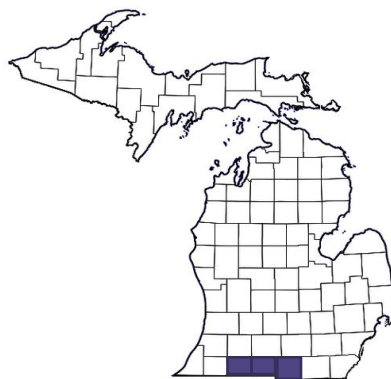
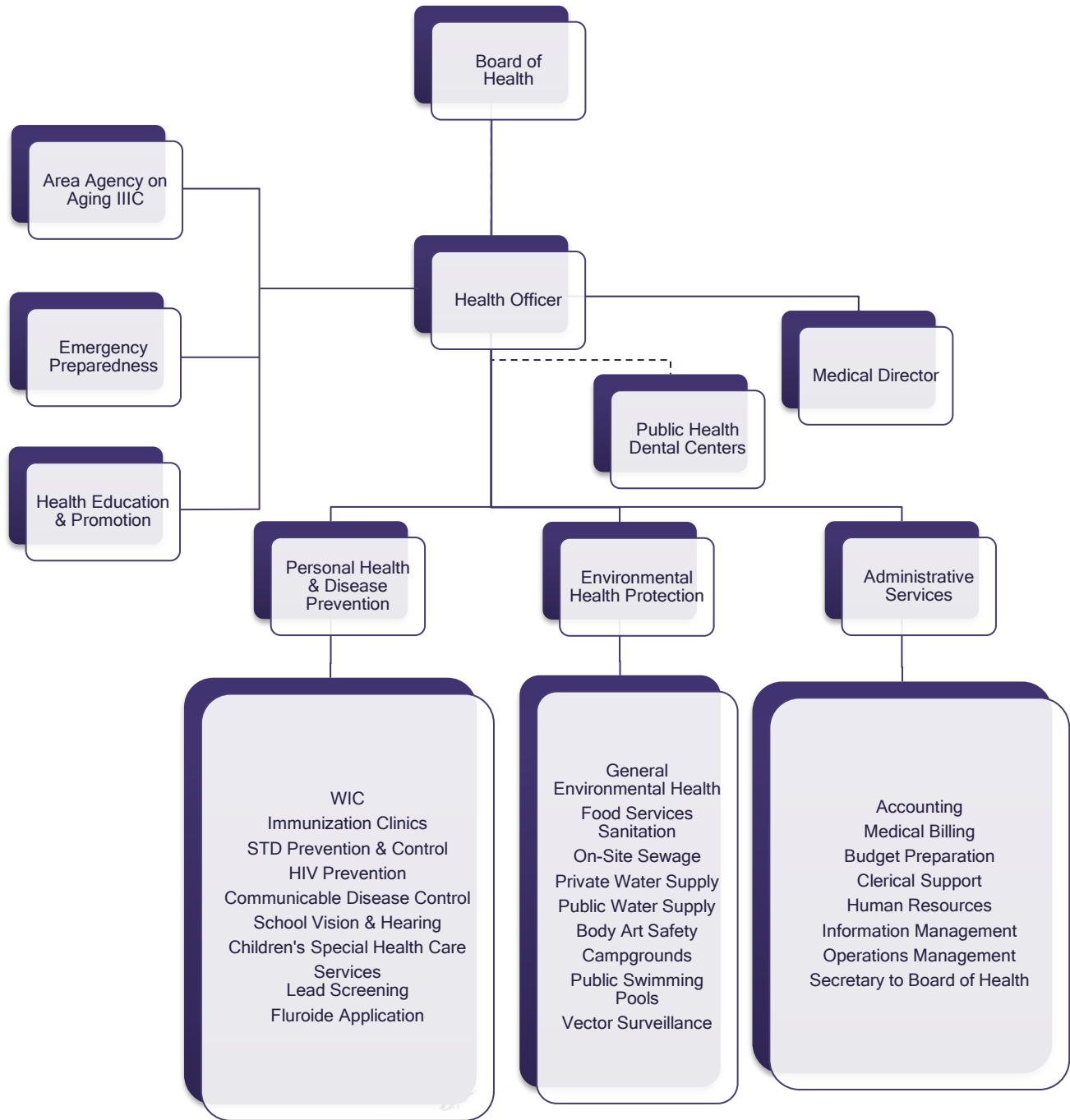


Laura Sutter
Director of Area
Agency on Aging
3C



Paul Andriacchi
REHS
Director of
Environmental

ORGANIZATIONAL CHART



LETTER TO THE COMMUNITY

Letter to the Community:

Fiscal Year 2021, year two of the COVID-19 pandemic, consumed most public health resources. The scientific community had learned a lot about COVID in year one which led to many important developments implemented in year two including: safe and effective vaccines, safe and effective treatments, and an increasing amount of knowledge about effective mitigation strategies. Although new variants of the virus continued to infect more individuals, these new prevention strategies saved countless lives. I'm pleased to highlight some of the efforts of "Your Local Health Department" in 2021 that targeted public health activities and served to protect the community members in our area:

- Vaccines to prevent COVID infection became available by December of 2020; with the tremendous efforts made by generous community volunteers and those in public health, we were able to plan for, and implement, mass vaccination clinics. Initially, two safe and effective vaccines received "Emergency Use Authorization" in the United States for people 18 years and older. During the year, we received additional vaccines and expanded into younger age groups. Initial vaccine demand was strong and, due to limited supply, was targeted for distribution to the most vulnerable members of the population. By April of 2021, the demand for vaccine had lessened, and with pharmacies and other local providers playing an important role in vaccinating tri-county residents, the mass clinics were phased out and ultimately ended.
- BHSJCHA was gifted an ultra-cold vaccine storage freezer by the COVID-19 Relief Taskforce in Branch County, providing the equipment necessary to bring the Pfizer vaccine to the tri-county area.
- COVID testing became more difficult to find during the year and to help meet the demand for free testing, BHSJCHA provided opportunities throughout the tri-county area at each of our office locations.
- BHSJCHA added to its inventory a mobile clinic van and hired a nurse to staff it and utilize it; because of this, the agency was able to begin providing vaccinations to homebound community members and congregate care homes.
- Amidst widespread safety concerns from community members, BHSJCHA continued to work closely with local school leaders on plans to protect students, teachers and staff that were returning to in-person learning and various in-person extracurricular activities.
- A local Health Order issued in September requiring quarantine of individuals with a close contact exposure at school, or in a workplace, was rescinded at the end of that month due to legislative bills targeted at public health funding.
- A surge in infections from the Delta variant were beginning as the year ended.
- Dr. H. Lauren Vogel, DO MPH, Medical Director retired and was replaced by Dr. Karen Luparello, DO from Hillsdale.
- The Agency invited WIC families of children under 1 year back for in-person appointments.
- Emphasis was placed early in the year on getting as many people as possible vaccinated for flu.
- More resources were put toward communicating through social media and our website; Instagram was added as a social media platform for the Agency, as well.

The team at Your Local Health Department is proud of our public health work and look forward to continuing to serve you and your family into 2022.

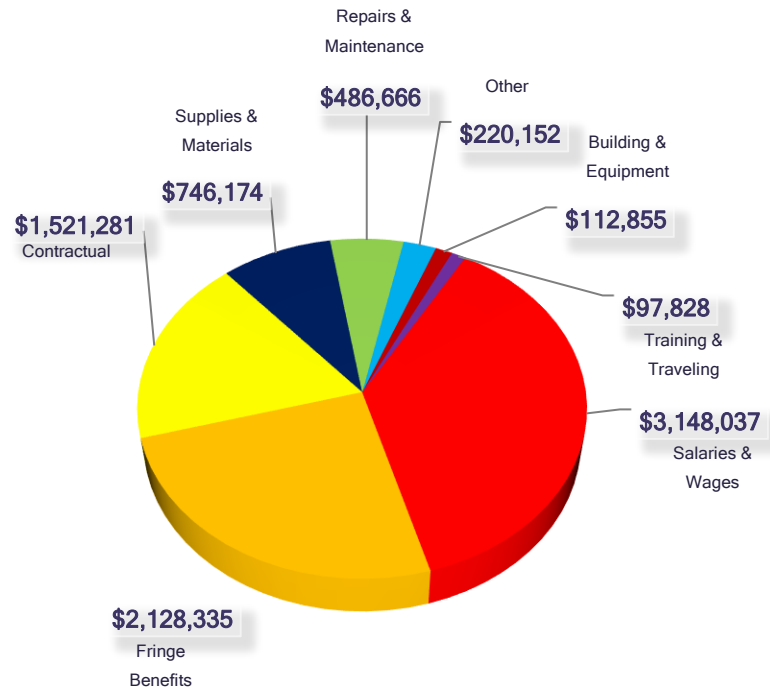
Yours in Good Health,



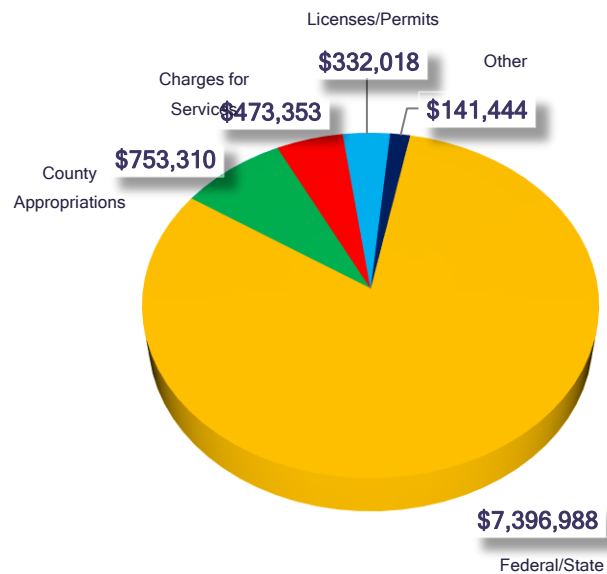
Rebecca A. Burns, MPH, RS

FINANCIAL STATEMENTS

2021 EXPENDITURES



2021 REVENUE



PUBLIC HEALTH DENTAL SERVICES



| Age | Coldwater | Hillsdale | Three Rivers | Sturgis | Total |
|-------|-----------|-----------|--------------|---------|-------|
| 0-4 | 1.5% | 1.0% | 2.7% | 4.0% | 2.3% |
| 5-14 | 7.2% | 10.6% | 14.0% | 19.2% | 12.8% |
| 15-20 | 5.2% | 3.3% | 7.5% | 7.5% | 5.9% |
| 21-60 | 64.8% | 67.9% | 60.7% | 53.5% | 61.7% |
| 60+ | 21.4% | 17.2% | 15.1% | 15.8% | 17.4% |

| | Coldwater | Hillsdale** | Three Rivers | Sturgis | Total |
|---------------------------------|--|-------------|--------------|---------|--------|
| <i>Number of Patient Visits</i> | 5,019 | 1,529 | 5,530 | 5,123 | 17,201 |
| <i>Service Mix:</i> | **Hillsdale Office temporarily closed April 2021 | | | | |
| <i>Medicaid</i> | 30.3% | 37.3% | 24.8% | 19% | 27.9% |
| <i>Healthy Michigan Plan</i> | 26.6% | 27.7% | 24.8% | 18.6% | 24.4% |
| <i>Traditional Insurance</i> | 27.1% | 18.2% | 26.2% | 28% | 24.9% |
| <i>Delta Healthy Kids</i> | 10.2% | 12.8% | 19.9% | 23.9% | 16.7% |
| <i>MyDP/NDP</i> | 5.8% | 3.8% | 4.3% | 10.4% | 6.1% |

“

“These people are awesome. Dr. Iveson is the best ever. I highly recommend this crew, First and foremost, ALL of the staff in the Coldwater MCDC office are friendly. They treat you with respect and kindness. Second, they care about your health over all. Third, but probably the most important, they gave me back my smile!!!! For me personally, it was a long haul. I had a few issues. I have a reseeding gum line, because of this my mouth is very sensitive, and I am a huge baby. Dr. Iveson is amazing he made sure to help control the pain all the way through my treatments. I have a full bottom denture and a partial on top. Their lab is terrific the teeth match my teeth perfectly. I love the bottom denture it looks natural and nobody can tell it is a denture. I think the whole team at MCDC Coldwater are terrific and I recommend anyone to go there.” – Rainee, Coldwater

“Every single person at MCDC in Sturgis was fantastic from beginning to end. Even the initial call to register was GREAT! It’s not often that a business has friendly people at every level but MCDC does! Everyone was friendly, they took the time to explain everything and were a joy to chat with. Best dentist experience I’ve had!” – Jacqueline, Sturgis

COUNTY HEALTH PROFILE

| Profile 2021 County | Branch | Hillsdale | St. Joseph | Michigan |
|---|-------------------------------------|-----------|------------|-----------|
| <i>Population</i> | 43,517 | 45,605 | 60,964 | 9,986,857 |
| <i>Marriage</i> | 524 | 294 | 390 | 56,374 |
| <i>Divorce</i> | 179 | 197 | 213 | 28,186 |
| <i>% of Population >65</i> | 18.7% | 20.2% | 18.5% | 50% |
| <i>Leading causes of Death</i> | *MDCH data updated 11/8/2021 | | | |
| <i>Heart Disease</i> | 19% | 24.2% | 21% | 23.1% |
| <i>Cancer</i> | 19.4% | 22.2% | 15.6% | 18% |
| <i>COVID-19</i> | 13% | 9.4% | 7.6% | 9.7% |
| <i>Chronic Lower Respiratory Disease</i> | 7.1% | 6.9% | 6% | 4.8% |
| <i>Unintentional Injuries</i> | 4.2 % | 3.4% | 6.4% | 5.2% |
| <i>Stroke</i> | 4.6% | 4.1% | 5.6% | 5% |
| <i>Alzheimer's Disease</i> | 6.4% | 4.2% | 3.7% | 4.2% |
| <i>Diabetes Mellitus</i> | 2.6% | 3% | 3.4% | 2.9% |
| <i>Kidney Disease</i> | 1.8% | 2.7% | 2.4% | 1.7% |
| <i>Pneumonia & Influenza</i> | 0.4% | 1.3% | 1.7% | 1.6% |
| <i>Maternal/Infant Health Indicators</i> | | | | |
| <i>Number of Live Births</i> | 258 | 390 | 375 | 104,166 |
| <i>Number of Teen Births (age 15-19)</i> | 34 | 20 | 45 | 4,758 |
| <i>Percentage of Teen Births (age 15-19)</i> | 13.2% | 5.1% | 12% | 4.6% |
| <i>% Low Birth Weight</i> | 8.8% | 7% | 8.3% | 8.8% |
| <i>Infant Mortality Rate (per 1,000) (Average -2018-2020)</i> | 7 | 4 | 7.2 | 6.6 |
| <i>% Adequate Prenatal Care- Kessner Index (2020)</i> | 45.7 % | 53.1 % | 48.3% | 68% |
| <i>Economic Indicators (2020 County Health Rankings)</i> | | | | |
| <i>% Unemployment</i> | 3.9% | 4.2% | 4.3% | 4.1% |
| <i>Median Household Income</i> | \$52,300 | \$50,000 | \$54,000 | \$59,500 |
| <i>Children in Poverty</i> | 18% | 24% | 16 | 18% |
| <i>High School Completion</i> | 89% | 88% | 87% | 91% |

WIC-WOMEN, INFANTS, & CHILDREN

What is WIC?

The Special Supplemental Nutrition Program for Women, Infants and Children (WIC) is a public health nutrition program under the USDA that provides the following for income-eligible women who are pregnant or post-partum, infants and children up to age five:

- Nutrition education
- Nutritious foods
- Breastfeeding support
- Healthcare referrals

WIC can help a family by:

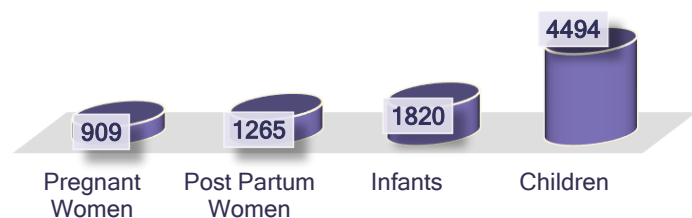
- Reducing premature births
- Reducing low birth-weight babies
- Reducing fetal and infant deaths
- Improving diet quality
- Increasing access to regular healthcare
- Increasing immunization rates
- Increasing access to prenatal care
- Increasing pregnant women's consumptions of vital nutrients

Michigan WIC Program: Top Referral Categories

| Branch | Food Stamps | Immunizations | Medicaid/Healthy Kids | Dental |
|------------|---------------|-----------------------|-----------------------|-----------------------|
| Hillsdale | Immunizations | Dental | Safe Sleep Education | Medicaid/Healthy Kids |
| St. Joseph | Immunizations | Emergency Food Pantry | Medicaid/Healthy Kids | Physician |



WIC: PARTICIPANT COUNT OCTOBER 2020- SEPTEMBER 2021



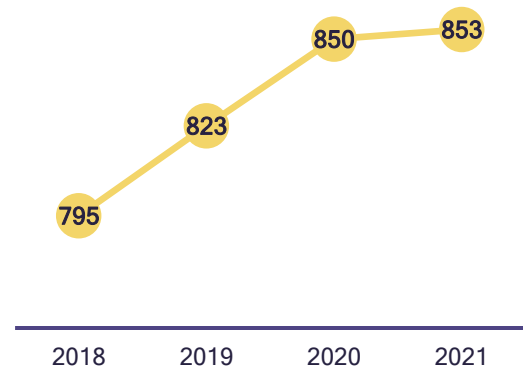
CHILDREN'S SPECIAL HEALTH CARE SERVICES

Children's Special Health Care Services (CSHCS) provides services to children with special needs and their families. You are eligible for CSHCS if you are a Michigan resident between the ages of 0-21 years, have a qualifying medical condition and seeing a specialist. CSHCS covers up to 3,000 various conditions and is available to families at all income levels.

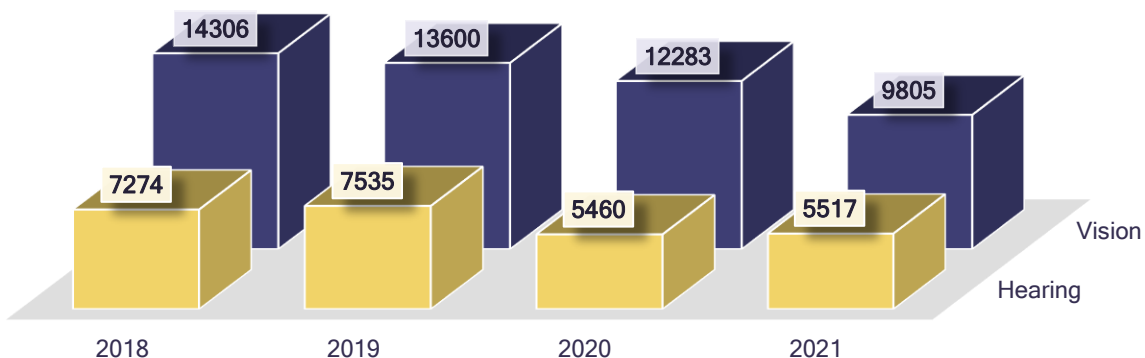
The Michigan Department of Health and Human Services (MDHHS) provides FREE hearing and vision screenings to all children in Michigan. Screenings are conducted in schools or at BHSJ Community Health Agency.

- An undiagnosed hearing and/or vision problem may interfere with development.
- Early detection and treatment of hearing and vision problems can help children succeed in school.
- Screenings are conducted by fully trained hearing and vision technicians.
- 10% of children screened for vision and 5% screened for hearing are referred to specialists.

Individuals Enrolled in CSHCS



BHSJ HEARING & VISION SCREENING



COMMUNICABLE DISEASE

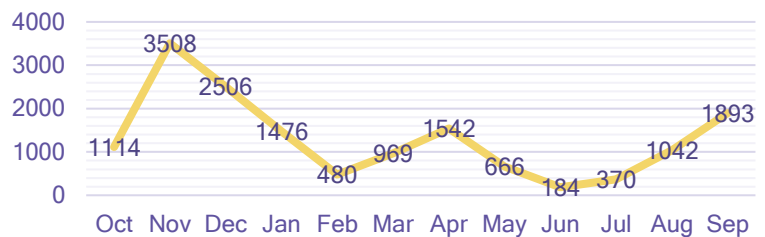
“Communicable Disease is caused by micro-organisms such as bacteria, viruses, parasites, and fungi that can be spread directly or indirectly from one person to another. Transmission can occur through insect bites, human to human contact and indigestion of contaminated food or water.”

- World Health Organization

Prevent the spread of disease by doing the following:

- Properly wash your hands often
- Handle and prepare food safely
- Keep up on your vaccinations
- Avoid sharing personal items
- Stay home when you feel sick
- Clean and disinfect commonly used surfaces
- Avoid touching wild animals

2021: Confirmed COVID-19 Case Data
(October 1, 2020-September 30, 2021)



| Disease | 2017 | 2018 | 2019 | 2020 | 2021 | Total |
|--|------|------|------|-------|--------|--------|
| HIV/AIDS | 3 | 2 | 3 | 1 | 0 | 9 |
| Multisystem Inflammatory Syndrome | 0 | 0 | 0 | 0 | 2 | 2 |
| Novel COVID-19 | 0 | 0 | 0 | 8,871 | 16,172 | 25,043 |
| Campylobacter | 33 | 39 | 42 | 18 | 29 | 161 |
| Giardiasis | 6 | 7 | 7 | 6 | 6 | 32 |
| Norovirus | 30 | 1 | 17 | 1 | 1 | 50 |
| Salmonellosis | 27 | 29 | 27 | 27 | 13 | 123 |
| Shiga-toxin-producing Escherichia coli | 0 | 0 | 5 | 3 | 2 | 10 |
| Shigellosis | 2 | 0 | 2 | 1 | 0 | 5 |
| Yersinia enterocolitica | 0 | 2 | 2 | 2 | 1 | 7 |
| Meningitis - Aseptic | 1 | 5 | 4 | 1 | 0 | 11 |
| Meningitis- Bacterial Other | 1 | 1 | 1 | 0 | 0 | 3 |
| Meningococcal Disease | 0 | 0 | 2 | 0 | 0 | 2 |
| Streptococcus pneumoniae, Inv | 22 | 16 | 15 | 10 | 7 | 70 |
| Coccidioidomycosis | 1 | 2 | 2 | 0 | 1 | 6 |
| Histoplasmosis | 2 | 1 | 6 | 5 | 2 | 16 |
| Legionellosis | 2 | 0 | 4 | 5 | 3 | 14 |
| Rabies Animal | 0 | 3 | 0 | 0 | 2 | 5 |
| Rabies: Potential Exposure & PEP | 0 | 0 | 113 | 92 | 74 | 279 |
| Chlamydia (Genital) | 420 | 468 | 407 | 389 | 422 | 2,106 |
| Gonorrhea | 54 | 118 | 166 | 217 | 238 | 793 |
| Syphilis | 9 | 0 | 0 | 0 | 1 | 10 |
| Tuberculosis | 0 | 0 | 1 | 0 | 0 | 1 |
| Chickenpox (Varicella) | 0 | 4 | 4 | 0 | 1 | 9 |
| H. Influenza Disease- Inv. | 2 | 3 | 1 | 3 | 1 | 10 |
| Measles | 0 | 0 | 0 | 0 | 0 | 0 |
| Mumps | 0 | 0 | 0 | 0 | 0 | 0 |
| Pertussis | 7 | 4 | 14 | 0 | 5 | 30 |
| Lyme Disease | 0 | 0 | 2 | 1 | 9 | 12 |
| Hepatitis A | 3 | 2 | 1 | 1 | 0 | 7 |
| Hepatitis B, Acute | 1 | 0 | 3 | 0 | 0 | 4 |
| Hepatitis B, Chronic | 4 | 1 | 2 | 1 | 0 | 8 |
| Hepatitis C, Acute | 0 | 0 | 0 | 0 | 1 | 1 |
| Hepatitis C, Chronic | 79 | 61 | 45 | 20 | 10 | 215 |

IMMUNIZATIONS

Top Administered Vaccines (2021)

1. Tetanus, diphtheria, acellular pertussis (Tdap)
2. Pneumococcal (Prevnar 13)
3. Meningococcal (Menactra)
4. Human Papillomavirus (Gardasil 9)
5. Hepatitis A



| <i>Agency Administered Vaccines</i> | 2018/19 | 2019/20 | 2020/2021 |
|-------------------------------------|---------|---------|-----------|
| <i>Influenza Vaccines Only</i> | 1,719 | 1,556 | 955 |
| <i>COVID Vaccines Only</i> | ** | ** | 53,623 |
| <i>All Other Vaccines</i> | 7,439 | 4,517 | 3,450 |
| <i>Total Vaccines</i> | 9,158 | 6,073 | 58,028 |

| Tuberculin Skin Tests | | |
|-----------------------|-----------|-----------|
| 2018-2019 | 2019-2020 | 2020-2021 |
| 442 | 252 | 260 |

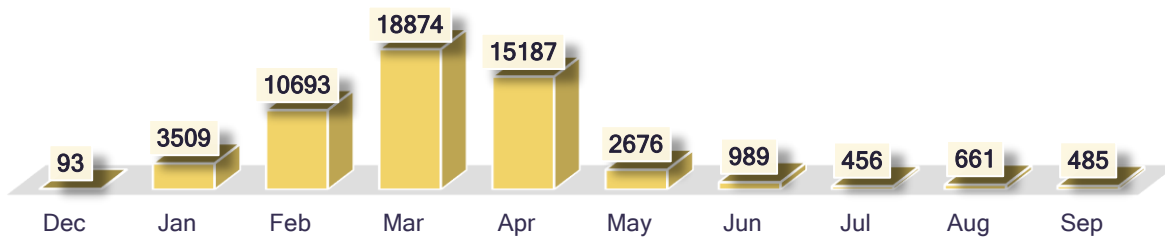


What you should know about vaccines:

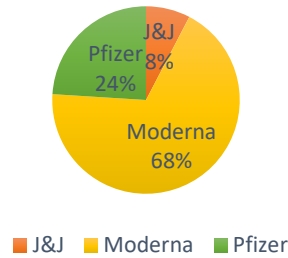
- We need vaccines to help protect against serious disease.
- Outbreaks of vaccine preventable disease can and still happen in our communities.
- The CDC and FDA take many steps to make sure our vaccines are safe.
- Vaccines protect our children from getting sick.
- Vaccines are for everyone.

COVID -19

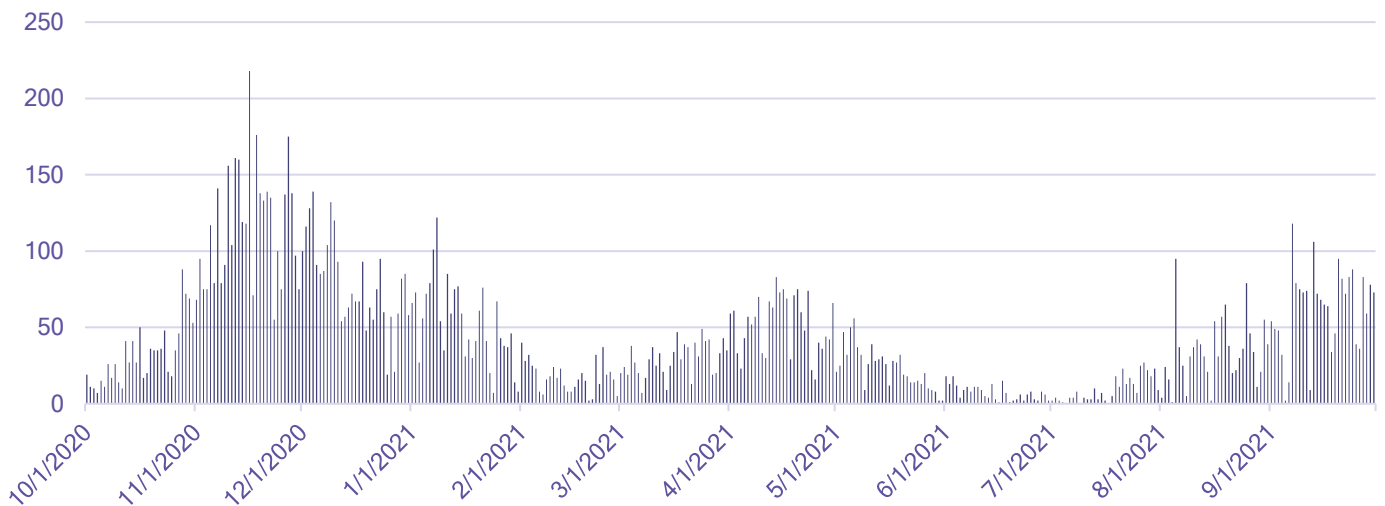
COVID-19 VACCINES BY MONTH



Agency Administered COVID-19 Vaccine by Types 12/1/20-09/30/21



AGENCY COVID-19 CASE COUNT BY DAY - 10/1/2020-9/30/2021



HEALTH EDUCATION AND PROMOTION

The Health Education and Promotion staff attended many community events in all three counties in FY 2021. We participated in all three county's fairs as well as several community festivals. The team continues to provide area residents information on agency services including WIC, Immunizations, Safe Sleep, Environmental Health Services, Breastfeeding, Child Passenger Safety, and many others.

Medical Marijuana Operation & Oversight Grant

We continued to distribute lock boxes and educational information at outreach events. Additionally, we continued promoting safe storage and usage of marijuana through radio commercials and billboards. Furthermore, the Health Ed. & Promotion team continues to work collaboratively with the Substance Use and Abuse Task Forces in all three counties.

HRSA Rural Communities Opioid Response Program Grant - Planning

The Health Ed. & Promotion team continued work on the RCORP III: Planning Grant that was awarded to the agency in September of 2020. Many of the project's deliverables were completed during FY 2021, including: a tri-county needs assessment and gap analysis in March of 2021; a strategic and action plan in July of 2021; and a completed memorandum of understanding for consortium members in September of 2021.

Social Media Platforms

Our team continues to utilize Facebook and Instagram to promote health messaging to the communities we serve. These platforms were instrumental in sharing information regarding the pandemic. They continue to be used to bring awareness to many health and safety related topics. Our reach with social media doubled in FY 2021.

School Health and Wellness

Our Health Educators work with youth from our area schools to promote healthy lifestyles, including healthy relationships, drug and alcohol prevention, tobacco cessation, safe driving habits and anti-bullying.



Supporting Community Vaccination Efforts

The Health Education and Promotion Team supported community vaccination efforts through community "pop-up" clinics. In partnership with the United Way of St. Joseph County, Michigan National Guard, and our Mobile Clinic team, we went to numerous community fire stations, churches, schools, businesses, and festivals to provide COVID vaccination.

Employee Wellness

Health Education and Promotion received a grant from the Michigan Association for Local Public Health to provide an Employee Wellness Day. Held in September, this event provided a day of education on stress management, self-care, and restoring balance to our lives in the pandemic. We explored yoga, meditation, and fun as stress reducing techniques.

EMERGENCY PREPAREDNESS

Emergency preparedness encompasses the planning and response to disasters. A disaster is defined by the World Health Organization (WHO) as a sudden phenomenon of sufficient magnitude to overwhelm the resources of a hospital, region or location requiring external support. Emergency Preparedness played an integral role in the agency's COVID-19 pandemic response during 2021. The Emergency Preparedness team at BHSJ works hard every year to be ready in any event. Emergency Preparedness is an essential service area of Public Health.

2021 Highlights

- *Community COVID-19 Testing* - COVID testing with MI National Guard (MING) began on 6/6/20 at Doyle Community Center in Sturgis and continues today. Weekly testing clinics continue today with support from the MING and HONU (through MDHHS). As testing requirements and guidance changed throughout the pandemic our clinics were steady and even very busy at times (especially when the I-69 rest stop clinic was closed). Testing clinics were held no matter the day's weather conditions.
- *COVID Vaccination Clinics* - January 2021, we started holding mass vaccination clinics. Our first location was Sturgis High School. From the first 300 shot clinic, to clinics over 1,000 shots per day, agency staff and volunteers, assisted by the MING, were able to meet the challenge of getting out as many vaccinations as were requested. Locations varied from school gymnasiums to churches. We even utilized each county's fairgrounds for drive through clinics. There were several six-day weeks, and little rest, but our staff and volunteers never faltered.
- *Plans and Training* - We are tasked to review and improve our emergency plans and training annually. During the pandemic, our Agency and volunteers applied our plan, and adapted to every change needed. Our Emergency Response Plan was also reviewed by an outside agency. The plan will be improved in the areas noted, especially in the area of Elder Services.

2021 Top Hazards in Branch, Hillsdale and St. Joseph Counties

- Natural:
 - COVID-19 Pandemic
 - Floods
 - Tornadoes/severe storms
 - Winter Weather
- Technological:
 - Utility Disruption
 - Releases hazardous chemicals from manufacturing/agricultural businesses.

- *Whole Community Inclusion* - MDHHS tasked Emergency Preparedness Coordinators with a five-year project to develop a Whole Community Inclusion plan, including the performance of an exercise. We were into the second year of the plan process, when COVID-19 changed our planning and exercising work into a ***Real Event***. It was gratifying to see each county pulling together to make

sure that all were notified of the incident and steps were taken to aid all those who were affected. A "after action report" which will conclude the project will be forthcoming this year.

ENVIRONMENTAL HEALTH

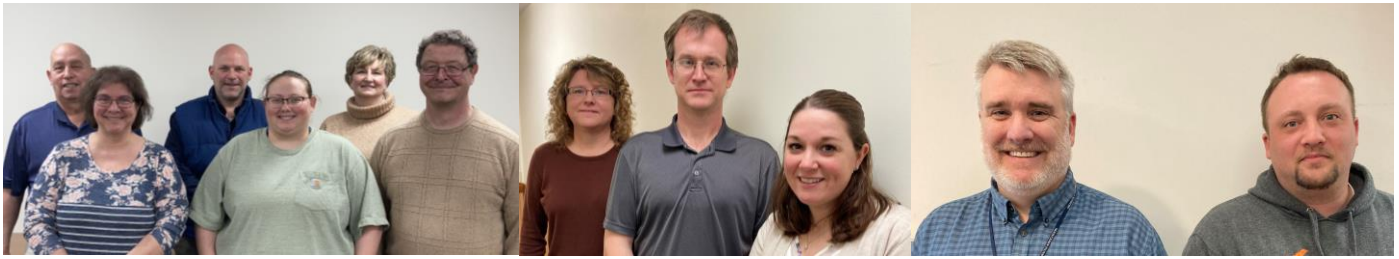
Interactions with the environment affect quality of life, years of healthy life lived and health disparities. The World Health Organization (WHO) defines environment, as it relates to health as “all the physical, chemical and biological factors external to a person and their related behaviors. “Environmental health consists of preventing and controlling disease, injury and disability related to the interactions between people and their environment.

The Environmental Health (EH) division has a variety of programs to serve our communities. The two most prominent programs are food service sanitation and well/septic programs. The food service program inspects restaurants, schools, industrial kitchen sites, temporary food establishments, and mobile food facilities. Our field staff conduct site evaluations and issue permits for the construction of septic systems and water wells for home and commercial sites.

Additionally, Environmental Health performs the following services:

- Campground inspections
- Public pool inspections
- General nuisance complaints
- Body Art facility inspections
- Non-community public water supply monitoring
- Daycare and Foster Care inspections
- Septage hauler inspections
- PFAS contamination investigation
- Vapor intrusion investigation
- Long term monitoring of water supplies in contaminated areas

For the past four years, the CDC and MDHHS has funded a grant project for vector surveillance. This grant focuses in two areas: 1.) Mosquito trapping and identification for the mosquitos associated with the Zika virus. 2.) Tick dragging and identification for ticks associated with Lyme disease. In addition to trapping and identification, we provide public education and public service announcements. This program offers an opportunity for college students with an interest in public health to obtain work experience during the summer months.



Food Protection

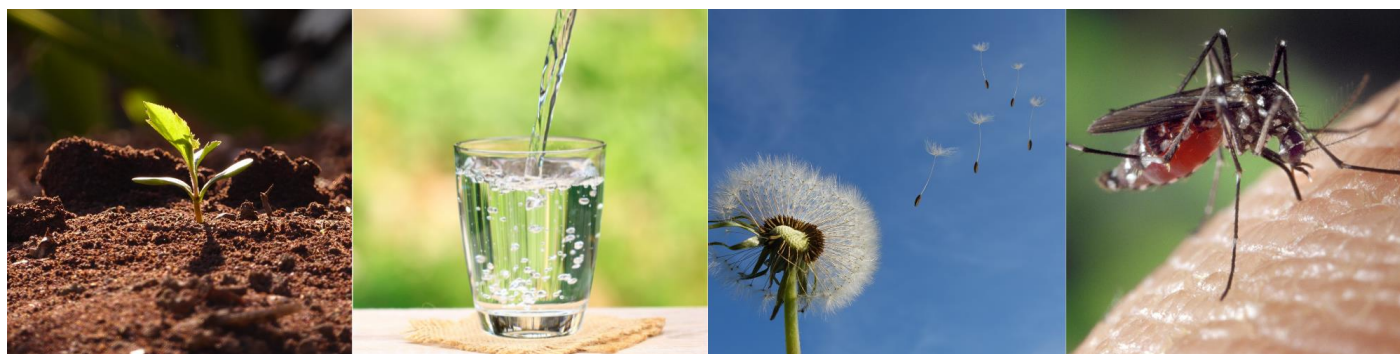
This program provides a systematic approach to minimize the risk of food-borne illness and to ensure that food meets customer's expectations through the application of statewide standards for all establishments where food is prepared and/or served to the public.

| | <i>2020</i> | <i>2021</i> |
|--|-------------|--------------|
| <i>Establishment Inspections</i> | 808 | 882 |
| <i>Plans Reviewed</i> | 13 | 30 |
| <i>Temporary Food Establishments</i> | 79 | 163 |
| <i>Food Manager Certification Class (# of attendees)</i> | 0 | 0 |
| <i>TOTAL</i> | 907 | 1,075 |

Private and Public Water Supply

These programs are designed to ensure the proper installation of residential water wells, and the monitoring and regulation of type II public water supplies to ensure safe, usable ground water.

| | <i>2020</i> | <i>2021</i> |
|---|--------------|--------------|
| <i>Well Construction Permits Issued</i> | 583 | 621 |
| <i>Well Permits Inspected</i> | 412 | 433 |
| <i>New Water Supplies Approved</i> | 388 | 428 |
| <i>Non-Community Water Supply Inspections</i> | 73 | 59 |
| <i>TOTAL</i> | 1,456 | 1,541 |



On-Site Sewage

Reviews sites for proposed sewage disposal, issuance and/or denial of permits, sewage evaluation, inspection, investigation, and enforcement.

| | <i>2020</i> | <i>2021</i> |
|----------------------------------|--------------|--------------|
| <i>Well/Septic Evaluations</i> | 13 | 21 |
| <i>Construction Permits</i> | 481 | 542 |
| <i>Septic Systems Inspected</i> | 388 | 403 |
| <i>Vacant Land Evaluations</i> | 63 | 49 |
| <i>Change of Use Evaluations</i> | 363 | 365 |
| <i>TOTAL</i> | 1,308 | 1,380 |

Other Programs

Although the well, septic, and food programs require the biggest portion of the environmental health staff focus, we do have responsibilities in other programs.

| | <i>2020</i> | <i>2021</i> |
|--|-------------|-------------|
| <i>Swimming Pool Inspections</i> | 52 | 48 |
| <i>Campground Inspections</i> | 65 | 61 |
| <i>Body Art Facility Inspections</i> | 8 | 14 |
| <i>DHHS Inspections (Daycare, Foster Care, ect.)</i> | 55 | 53 |
| <i>Septage Hauler Inspections</i> | 38 | 36 |
| <i>TOTAL</i> | 218 | 212 |

AREA AGENCY ON AGING (IIC)

Our mission is to provide a full range of high-quality services, programs and opportunities which promote the independence and dignity of older adults while supporting those who care for them throughout the Branch and St. Joseph Counties.

Please contact the Branch-St. Joseph Area Agency on Aging for specific information and assistance at (517) 278-2538 or toll free (888) 615-8009.

- We place the people we serve at the center of our operations, honoring their preferences and privacy.
- We assure efficient use of public and private resources.
- We develop programs and services using an inclusive process to promote healthy aging and livable communities for all ages.
- We exhibit strong leadership which responds to changing needs and fosters collaboration and cooperation through the communities we serve.
- We use effective communication to carry out our mission and vision in an open, respectful and unbiased manner.



Laura Sutter, *Director*

Over the past year, the Area Agency on Aging IIC continued to rise above challenges posed by the COVID-19 pandemic. Newly developed programs, supports and services continued to flourish to meet unique needs across our two-county planning & service area.

We gratefully acknowledge our extraordinary provider network, who tirelessly serve individuals with compassionate, high-quality care: A+ Nursing, Branch Area Transit Authority, Branch County Commission on Aging, Community Action Agency of Southcentral Michigan, Connect America, Crossroads Homecare, Home Care Wellness, HomeJoy, Legal Services of Southcentral Michigan, Long-Term Care Ombudsman/Area Agency on Aging 3A, Medical Care Alert, St. Joseph Co-Op/Hulda's Household Helpers, St. Joseph County Commission on Aging, St. Joseph County Transportation Authority, Thurston Cares Adult Day Program and VRI, Inc.

Elder Abuse Prevention and Awareness: The Services to Victims of Elder Abuse (SVEA) project completed its third year of grant activities. Victim Specialists served 41 individuals with a wide range of direct services including personal advocacy, crisis intervention, emergency financial assistance, relocation assistance, criminal justice advocacy, and personal protective orders. Victim Specialists maintained regular contact with referral sources and each county's multi-disciplinary team/coalition group. As we look ahead, more training events and community partner networking will be a top priority in an effort to continue emphasizing awareness & prevention.

If you would like more details or to become more involved in your community's efforts to prevent abuse, neglect, or exploitation, please call our office.

Community Living Program continues to soar! - Care Consultants work with individuals who have complex medical/social needs to develop a person-centered support plan. Over 80 individuals were served in their home over the past year! Assessments & monitoring continued via telephone along with additional feedback from direct care staff to assure participant success and safety.

If you would like more information about the Community Living Program or other services available in your community, please contact our office.

Personal Protective Equipment - AAA IIC continued to distribute personal protective equipment among community partners throughout the year including items such as: masks, face shields, hand sanitizer, gloves, gowns, shoe covers, and sanitizing wipes.

Direct Care Worker Premium Pay - AAA IIC providers and vendors were allocated COVID-19 relief funds to support a \$2.00 per hour wage increase. These direct care workers provided hours of personal care, homemaking, respite care and/or adult day services during the pandemic. Over 19,000 hours were reimbursed from October 2020 - September 2021.

Program Success - Friendly Reassurance and Gap Filling services remained supportive to the needs of individuals across our communities. Friendly Reassurance calls were made regularly to address social isolation being felt by so many. Gap Filling became essential to address unique needs that we, and our community partners, couldn't provide for otherwise. Over 2,000 individuals benefitted from these supportive services. No Wrong Door funding was utilized to purchase technology & devices in an effort to encourage older adults to virtually participate in programming, social media, and on-line learning sessions to prevent social isolation.

Senior Project FRESH - Over 100 coupon books were distributed throughout the spring & summer of 2021. Senior Project Fresh provides free nutrition counseling and \$20 in coupons to be used at local participating farm markets for fresh fruits & vegetables. Residents who are age 60 or older and who meet certain household income/eligibility may apply for the program through our office or through our community partners. Please contact us for more information!

COVID Care Packages - The COVID Care Package effort continued into 2021 due to its success in offering community members an opportunity to stay creative, understand COVID, and remain safe at home. Please contact our office if you would like more information or to receive a Care Package.

Call Center & Vaccination Appointments - The AAA IIC team transitioned from answering hundreds of incoming calls to scheduling hundreds of COVID vaccination appointments. Each call was unique and addressed multiple questions, provided information about the venues, shared information about what to expect at a large-scale clinic, as well as arranging for transportation to appointments. Our team worked in conjunction with the Community Health Agency to assure an age-friendly approach in all aspects of providing information to callers, scheduling appointments, and coordinating supports when needed.



Area Agency on Aging Annual Report Data & Highlights FY 2021

| Services | Totals | Units |
|------------|-----------|---------|
| Operations | \$62,711 | N/A |
| Nutrition | \$671,036 | 144,613 |
| In-Home | \$362,945 | 30,893 |
| Community | \$89,451 | 1,267 |
| Access | \$440,165 | 32,719 |
| Legal | \$11,564 | 357 |

*Traditional Federal & State (OAA/OMA) funding sources only

| Population Served** | |
|-------------------------|--------|
| Total Population 18+* | 15,323 |
| White (non-Hispanic) | 13,827 |
| African American | 89 |
| Asian/Pacific Islander | 12 |
| American Indian/Alaskan | 9 |
| Hispanic (of any race) | 32 |
| Below Poverty | 988 |
| Rural | 15,323 |

*In general, services are targeted to those who are 60 years of age or older unless otherwise allowed under eligibility criteria for a specific program.

**Data based on self-reported numbers by participants, choosing to identify race/ethnicity is not required.

Special Projects 2021

| | |
|--|-----------|
| MDHHS - Division of Victim Services "Services to Victims of Elder Abuse" | \$131,984 |
| CARES Direct Care Worker Premium Pay | \$39,648 |
| COVID Personal Care/Essential Care Packages | \$2,818 |
| COVID Immunization Support | \$14,255 |
| COVID Supplemental Nutrition (HDC5) | \$12,795 |
| MDHHS - Aging & Adult Services Agency "No Wrong Door" | \$8,755 |



Supporting Seniors, Promoting Independence

Produced by Branch Hillsdale St. Joseph Community Health Agency

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