



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



DAN WYANT  
DIRECTOR

June 13, 2014

Ms. Jane Tschannen  
Stoneybrook Sanitation  
2051 Bowes Road  
Lowell, MI 49331

Dear Ms. Tschannen:

SUBJECT: Stoneybrook Sanitation Septage Waste Receiving Facility

On Tuesday, May 13, 2014, a construction inspection of the recently completed Stoneybrook Sanitation Septage Waste Receiving Facility (Stoneybrook SWRF) was performed by this office. Based on the results of that inspection and a review of your operating plan, you were given authorization to continue receiving septage waste consistent with the provisions of your operating plan. This correspondence formally reaffirms that authorization.

The Department of Environmental Quality's (DEQ) review of the Stoneybrook SWRF operating plan was done to ensure that the plan addressed all of the required elements of Part 117, Septage Waste Servicers, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The Stoneybrook SWRF operating plan is approved.

The Stoneybrook SWRF operating plan will be posted on the Septage Waste Program webpage and can be viewed at [www.michigan.gov/deqseptage](http://www.michigan.gov/deqseptage) by clicking on the "Approved Septage Waste Receiving Facility Operating Plans" link.

Please be advised that the Stoneybrook SWRF must operate in accordance with the approved plan. If a change in operations or conditions (such as a change in disposal fees) is anticipated, please file an amendment to the plan at least 30 days prior to the proposed date for implementation, and mail the plan amendment to the DEQ for review and posting.

If you have any questions regarding this matter, please feel to contact me at 517-780-7874; [campbellm4@michigan.gov](mailto:campbellm4@michigan.gov); or DEQ, Office of Drinking Water and Municipal Assistance, Septage Waste Program, P.O. Box 30241, Lansing, Michigan, 48909-7741.

Sincerely,

Matthew Campbell  
Environmental Health Programs Unit  
Environmental Health Section  
Office of Drinking Water and Municipal Assistance

cc: Mr. Jason Borchert, Gourdie-Fraser, Inc.  
Mr. Mark Mundt, Superintendent, Lowell WWTP  
Mr. Ric Falardeau, DEQ  
Mr. Tom Berdinski, DEQ

May 23, 2014

Mr. Ric Falardeau  
On-Site Wastewater Unit Chief  
Department of Environmental Quality  
Resource Management Division  
P.O. Box 30241  
Lansing, Michigan 48909-7741

RE: Fuller Septic Services  
GFA #11078A

Mr. Falardeau,

Gourdie-Fraser, Inc. can attest that Fuller Septic Services Septage Waste Receiving Facility completed construction in accordance to the plans and specifications provided by Gourdie Fraser, Inc.

Construction on the project began June 20, 2012 with Final building permit approval issued on July 30, 2013. The facility was operational on April 16 2013.

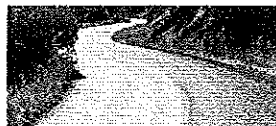
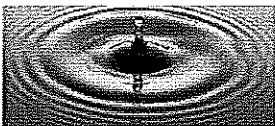
If you have any further questions, please do not hesitate to contact our office.

Respectfully,  
Gourdie-Fraser, Inc.

Jason J. Borchert, P.E.  
Project Manager

cc Jane Tschannen, Fuller Septic Services

T:\Projects\11078\Documents\Communication\2014-05-23 Engineers Project Completion Letter.doc



123 W Front Street, Traverse City, MI 49684

Notice for Newspaper – Lowell Ledger

**PROPOSED OPERATING PLAN FOR REVIEW AND COMMENT  
FULLER SEPTIC SERVICES – SEPTAGE RECEIVING FACILITY**

The Proposed Operating Plan for the Fuller Septic Services – Septage Treatment Facility to be located on parcel 41-20-03-385-016 at 2051 Bowes Road, Lowell, Michigan is available for review and comment at Fuller Septic Services, 2051 Bowes Road, Lowell, Michigan 49331, during normal business hours. The office can be contacted at 231-331-7533. The purpose of this facility is to receive septage waste for treatment. Please submit any written comments regarding the proposed operation of this receiving facility by XX XX, 2011 to the address listed above.

mc

Gourdie-Fraser, Inc.  
123 W. Front St.  
Traverse City, MI 49684  
Phone: 231.946.5874 Fax: 231.946.3703

February 17, 2012

**SEPTAGE RECEIVING FACILITY OPERATING PLAN**

**NAME:** Stoneybrook Sanitation L.L.C.  
**FACILITY LOCATION AND MAILING ADDRESS:** Fuller Septic Services  
2051 Bowes Road, Lowell, MI 49331 (see attached location map)  
**FACILITY CONTACT:** Jane Tschannen, Owner  
**TELEPHONE NUMBER:** 616.897.3050 (Monday – Saturday)  
**HOURS OF OPERATION:** 8:00 am – 6:00 pm (Monday – Friday)

Available 24/7, after hours, weekends and limited holidays but the hauler needs to call and schedule in advance. There may be occasions where an emergency pump out will occur outside of these hours and the facility would be opened to those types of special deliveries. The facility will be manned when receiving material.

**CATEGORIES OF SEPTAGE ACCEPTED:** Domestic septage and domestic holding tank

**FEE STRUCTURE:** Domestic septage - \$0.10/gallon  
Holding tank waste - \$0.10/gallon

**SERVICE AREA:** From within the 25 mile service area as shown on the attached map. Septage will also be received from anywhere the septage is generated, provided there is capacity to process the septage based upon agreements with selected septage hauling companies.

Initial Average Daily Flows to be approximately 16,000 gallons per day.  
Maximum Design Flows are expected to be less than 50,000 gallons per day.

**TRUCK TRAFFIC:** The facility is in a general industrial zoned location within the City of Lowell. It is initially expected to receive up to five truck loads per weekday which is the current truck traffic seen.

**DEQ**

**FEB 21 2012**

**RESOURCE MANAGEMENT DIVISION**

**GENERAL RECEIVING PROCEDURES:**

The septage hauler must provide the following: a copy of their septage hauler's license, a copy of their insurance, the volume to be discharged, the origin of the septage, and a sample from the truck. A signed statement will be required stating the load only contains domestic septage. No Food Established Septage (FES) will be accepted.

**RECEIVING FACILITY CAPACITY:**

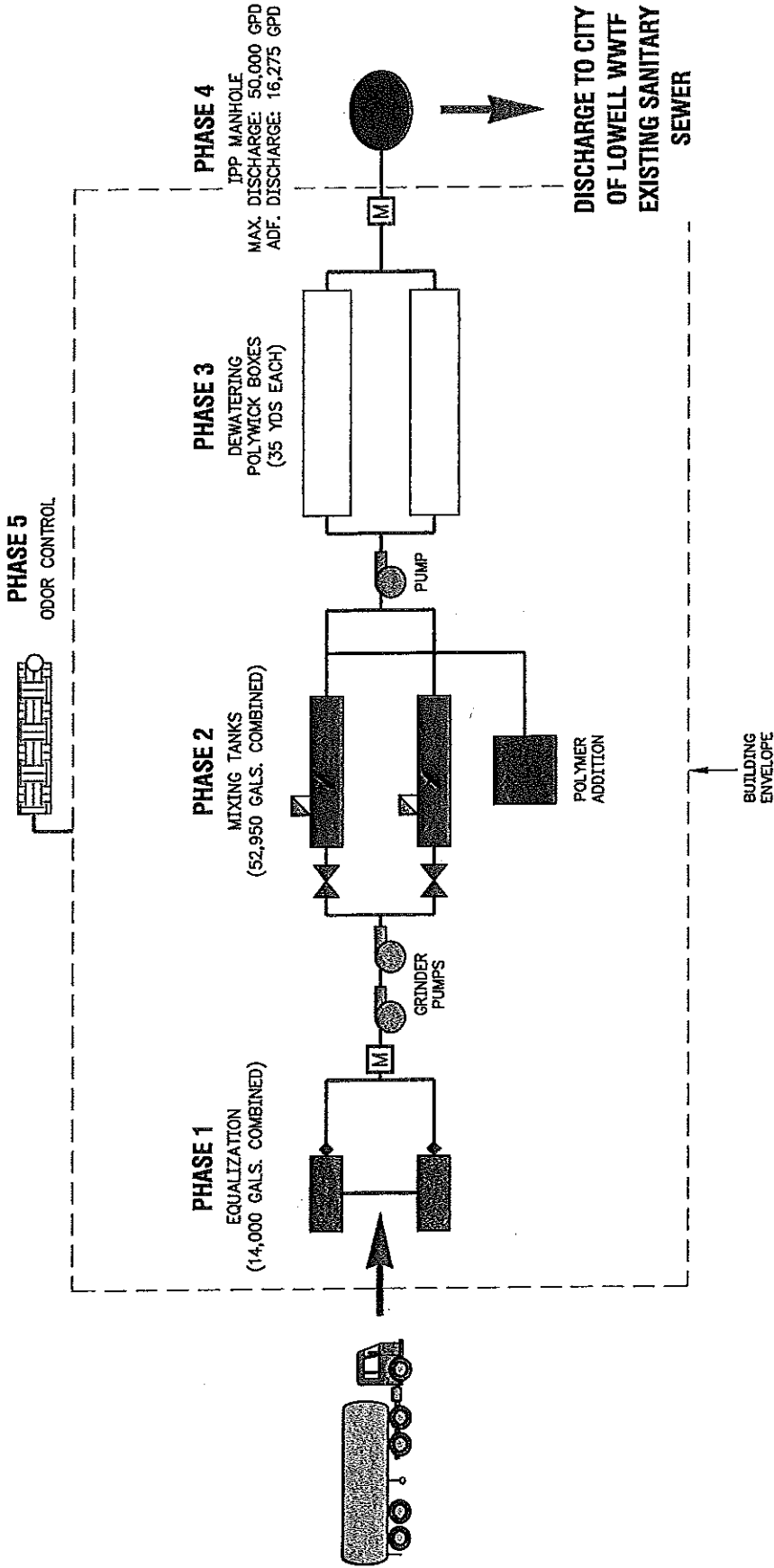
Hydraulic Design Capacity – 50,000 gallons per day or less.  
Organic Design Capacity – The process is expected to produce a liquid waste that complies with the City of Lowell's WWTF "Approved Headworks limits for Organic Parameters" and the upper limits of the "Approved Headworks limits for Conventional Parameters". CBOD-5 cannot exceed 2,500 mg/l, Total Phosphorus cannot exceed 20 mg/l, Suspended Solids cannot exceed 2,500 mg/l and Grease, Oil & Fats cannot exceed 100 mg/l.  
The facility's biosolids will be disposed of in a licensed landfill or land applied with applicable Part 503 regulations.

**PROCESS DESCRIPTION:**

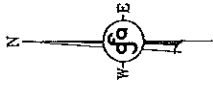
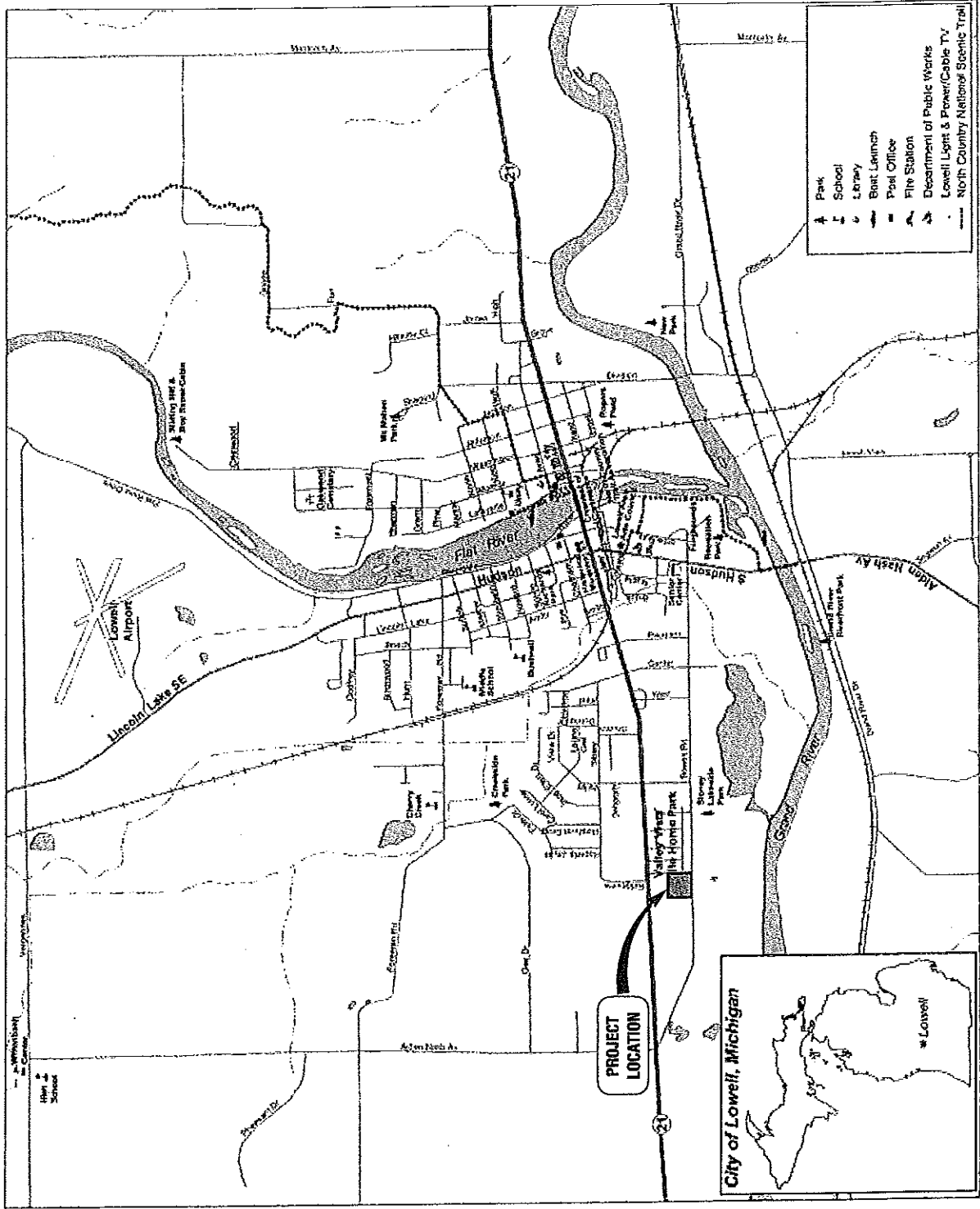
The septage haulers will discharge their septage via a truck drive thru where it will be metered and directed into two (2) parallel 7,000 gallon poly tanks located above grade inside a building. The poly tanks will act as equalization. Two grinder pumps, in series, and VFD controlled will transfer the septage from the poly tanks to two (2) 26,475 gallon below ground concrete tanks located inside the building for mixing. A 220 gpm progressive cavity pump will transfer the septage into two 35 yard dewatering system containers. A skid mounted progressive cavity polymer dosing unit will add metered polymer prior to the dewatering containers through multiple ports. The polymer will cause the solids to flocculate and separate from the liquid. The liquid portion will pass through single stainless steel filter screens located along the sides and center wall of the containers. The filtrate will be discharged metered via gravity to the City of Lowell Wastewater Treatment Facility. The solids from the dewatering container will be transported to an approved landfill facility. Odors from the enclosed building will be collected and scrubbed via a biofilter located below grade outside of the building.

A permit to discharge is required from the City of Lowell Wastewater Treatment Facility prior to placing the facility into operation.

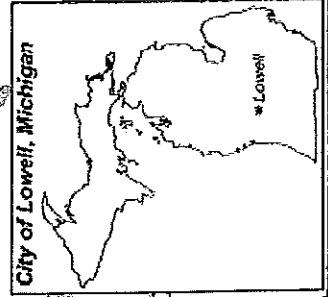
# Stoneybrook Sanitation - Fuller Septic Services Septage Receiving Facility Flow Schematic



# Stoneybrook Sanitation - Location Map



- ▲ Park
- School
- Library
- Boat Launch
- Post Office
- Fire Station
- Department of Public Works
- Lowell Light & Power/Cable TV
- North Country National Scenic Trail



**PROJECT  
LOCATION**

# Stoneybrook Sanitation - 25 Mile Service Area Gourdie-Fraser





Shelley Boisvert - Re: attn: Jeanne

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**From:** J Boss <displayads@lowellbuyersguide.com>  
**To:** "Shelley Boisvert" <sboisvert@gourdiefraser.com>  
**Date:** 12/21/2011 2:31 PM  
**Subject:** Re: attn: Jeanne

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Okay - I'll get it in  
Thanks much,

*Jeanne Boss*  
The Lowell Ledger  
(616) 897-9261

Buyers Guide  
(616) 897-9555

105 N. Broadway  
Lowell, MI 49331  
[jboss@lowellbuyersguide.com](mailto:jboss@lowellbuyersguide.com)

On Dec 21, 2011, at 2:25 PM, Shelley Boisvert wrote:

Thanks Jeanne!

So we'll plan on this running in the Wednesday December 28, 2011 issue and we should receive a bill and the affidavit from you.

Please call us with any questions at 231-946-5874.

>>> On 12/21/2011 at 2:15 PM, in message <5B1BFE8D-16EF-4A5A-8038-D53DDC48D8AF@lowellbuyersguide.com>, J Boss <displayads@lowellbuyersguide.com> wrote:

No problem. I can take out the hyphenation.

That actually ends up saving you a few buck. I've attached the new one. (\$47.25)

Phone 231.946.5874  
Toll Free 800.900.5874  
Fax 231.946.3703

Gourdie-Fraser, Inc.  
123 West Front Street  
Traverse City, Michigan 49684

<http://www.gourdiefraser.com>

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**PROPOSED OPERATING PLAN  
FOR REVIEW AND COMMENT  
FULLER SEPTIC  
SERVICES - SEPTAGE  
RECEIVING FACILITY**

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Please submit any written comments regarding the proposed operation of this receiving facility by January 30, 2012 to the address listed above.

**Affidavit of Publication**

**STATE OF MICHIGAN**

IN THE MATTER OF FULLER SEPTIC SERVICES, PROPOSED OPERATING PLAN

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

Purchase Order No. \_\_\_\_\_

State of Michigan)  
County of Kent)

I, Tammy Janowiak, being first duly sworn, says that I am the office manager, of the LOWELL LEDGER, a paper published in the English language for the dissemination of local or transmitted news and intelligence of a general character and legal news, which is a duly qualified newspaper, and that annexed hereto is a copy of a certain order, taken from said newspaper, in which the order was published.

DEC. 28                      A.D. 2011                      A.D. \_\_\_\_\_

\_\_\_\_\_ A.D. \_\_\_\_\_ A.D. \_\_\_\_\_

\_\_\_\_\_ A.D. \_\_\_\_\_ A.D. \_\_\_\_\_

*Tammy Janowiak*

Tammy Janowiak, office manager, Lowell Ledger

Sworn to and subscribed before me on this

28TH                      Day Of                      DECEMBER, 2011

*Queta Goodwin*

Queta Goodwin  
Notary Public, State of Michigan  
County of Ionia  
My Commission Expires May 24, 2014  
Acting in the county of Kent

December 21, 2011

City of Lowell City Planning Commission  
301 East Main Street  
Lowell, MI 49331

Charter Township of Lowell  
2910 Alden Ash  
Lowell, MI 49331

Mr. Adam London, RS  
Kent County Health Department  
700 Fuller Ave., NE  
Grand Rapids, MI 49503

*File*  
*Letter mailed*  
*12-21-11*

To Whom It May Concern:

In accordance with the Natural Resources and Environmental Protection Act 451, section 324.11715b regarding rules establishing design and operating requirements for receiving facilities and the control of nuisance conditions, we are sending you a copy of the notice to be published in the Lowell Ledger on Wednesday December 28, 2011 with regards to the Proposed Operating Plan for Fuller Septic Services Septage Receiving Facility.

Please contact Jane Tschannen with Fuller Septic Services at 231-331-7533 with any questions.

Thank you.

Jason Borchert, P.E.

*Jason Borchert*  
Gourdie-Fraser, Inc.