



City of Buchanan Septage Receiving Plan

WWTP Location:

502 River Street
Buchanan, MI 49107
Bill Housand, Superintendent

Mailing Address:

302 North Redbud Trail
Buchanan, MI 49107
Attn: Bill Housand

Hours of Operation: 8:00 am to 4:00 pm

Monday-Friday (Closed Weekends & Holidays)

Fees: \$65 per 1000 gallons (\$.065/gallon)

Septage Received: Domestic only (grease trap and commercial wastes are prohibited).

Required Prior To Discharging: All septage haulers must have an approved septage discharge application on file at the WWTP and complete a septage discharge delivery ticket before discharging each time.

Buchanan WWTP Operational Considerations

Design Flow: 1.33 MGD

Design BOD Loading: 1553 lbs./day

Average Daily Flow: .93 MGD

Average Flow Percentage of Design Flow: 70% per day

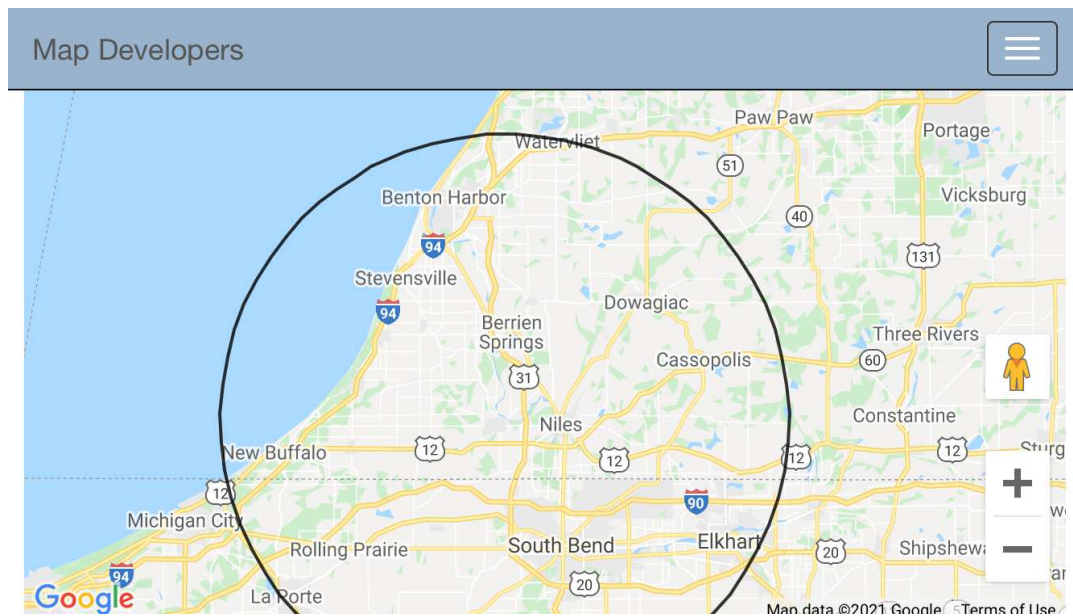
Average BOD Loading: 859 lbs./day

Average BOD Percentage of Design Loadings: 55% per day

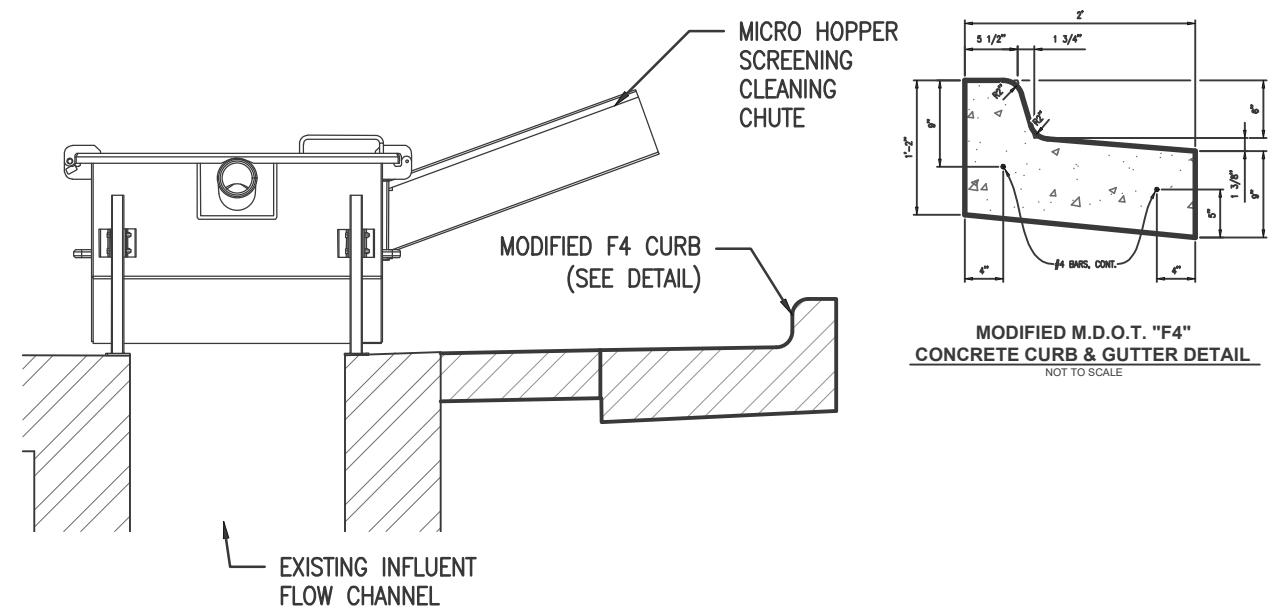
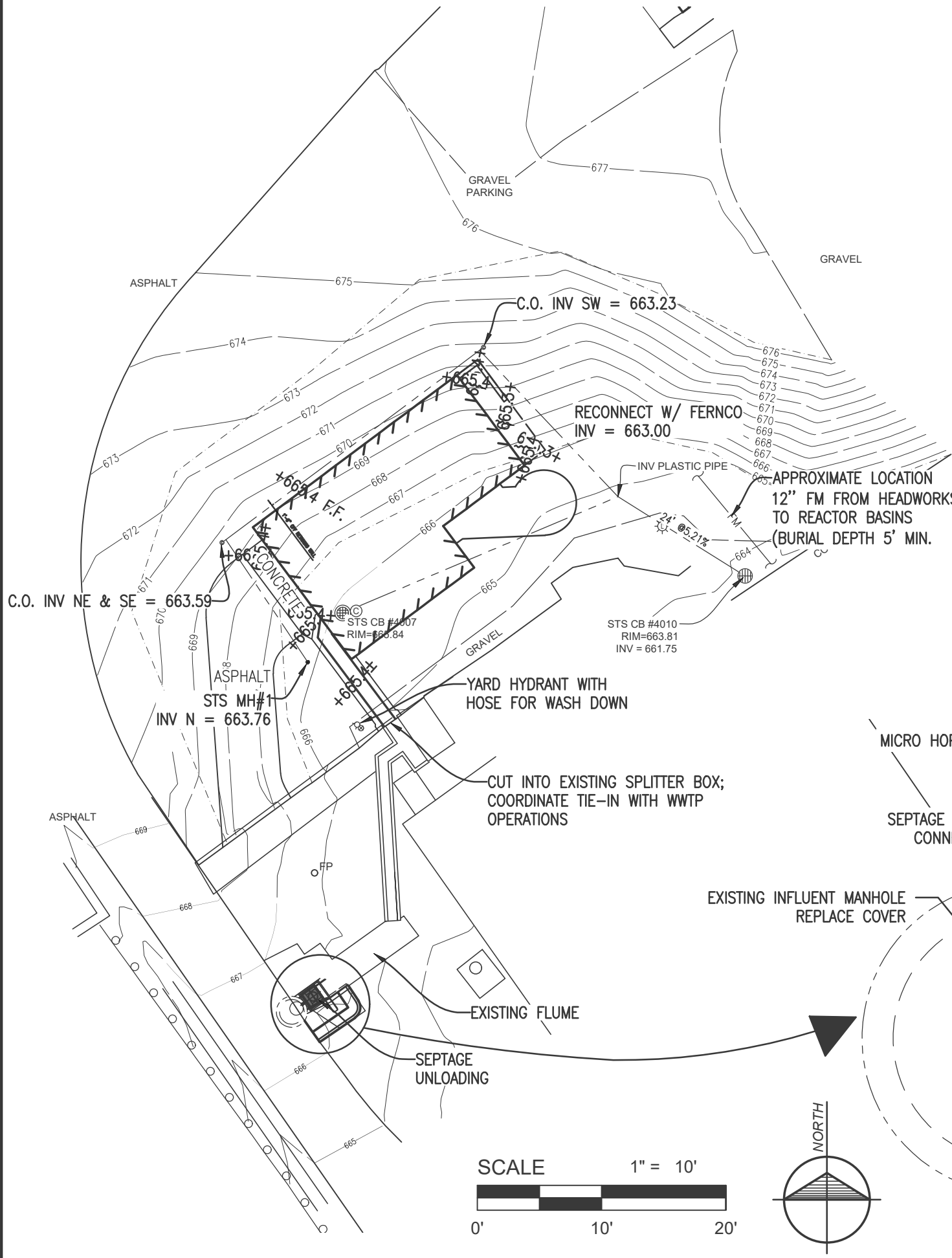
Septage Receiving Description: Septage will be discharged from trucks through a gravity fed micro-screen unit. The micro-screen unit will be surrounded by a containment area with curbing and sloped floors to ensure any overflows are captured and drained into the influent channel. Discharged septage will then be added into the WWTP influent structure located in the SW corner of the facility. Use of the influent structure will ensure that the septage is metered, pretreated and flow equalized before being added to the reactor basins for treatment. Metering is performed by a parshall flume and an ultrasonic meter. Pretreatment is provided by the septage micro-screen, vortex grit separator and fine screen units located in the headworks building. Flow equalization is accomplished by mixing septage flows with plant influent flows in the 18,000-gallon headworks wet well before being pumped into the reactor basins.

Receiving Capacity: The City of Buchanan will accept up to 5% of the WWTP's normal influent flow in septage volume each day, but reserves the right to refuse septage discharges based on operational considerations, at any time.

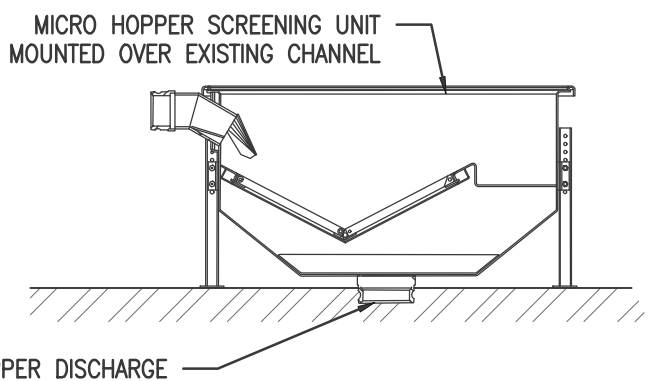
Service Area: Local Haulers from the Michigan counties of Berrien and Cass, will be allowed to discharge septage produced within a 25-mile radius of the WWTP (please reference the attached map). Haulers within this area will be able to discharge at the WWTP, the City of Buchanan makes no claim as a mandatory discharge site.



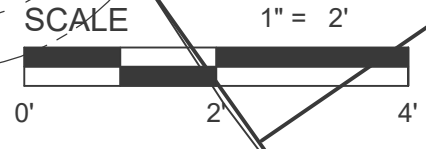
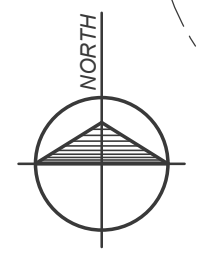
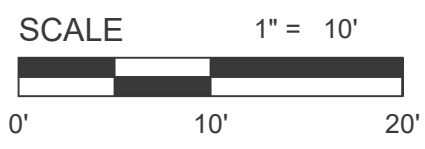
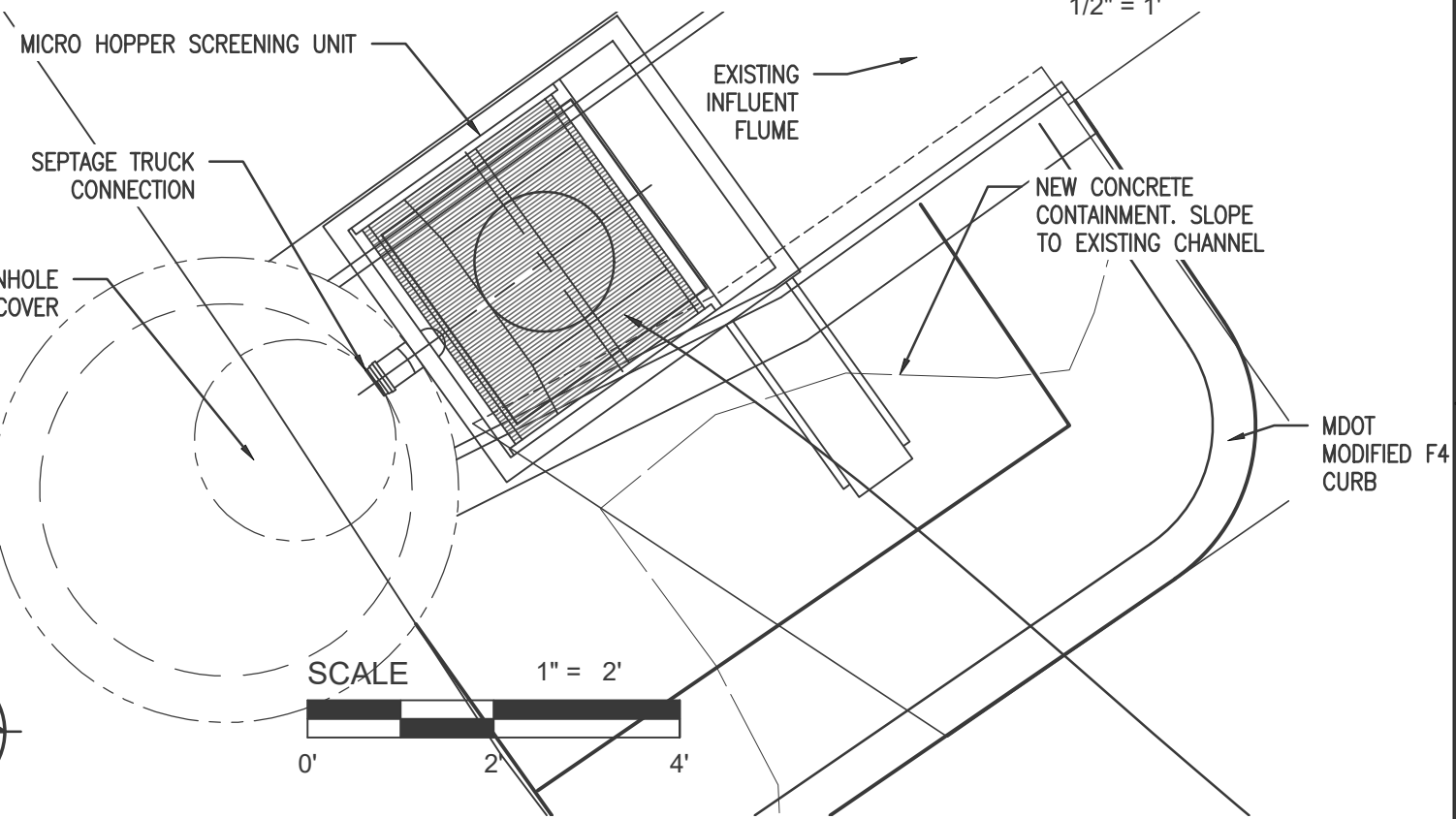
P:\2020730001\00\CADD-Data\3D\2020730001 Septage Receiving Station.dwg Tab: SEPTAGE RECEIVING STATION Saved by: jlumley 3/30/2021 11:38 AM Plotted by: Jim Lumley 3/30/2021 11:40 AM



SECTION A-A
1/2" = 1'



SECTION B-B
1/2" = 1'

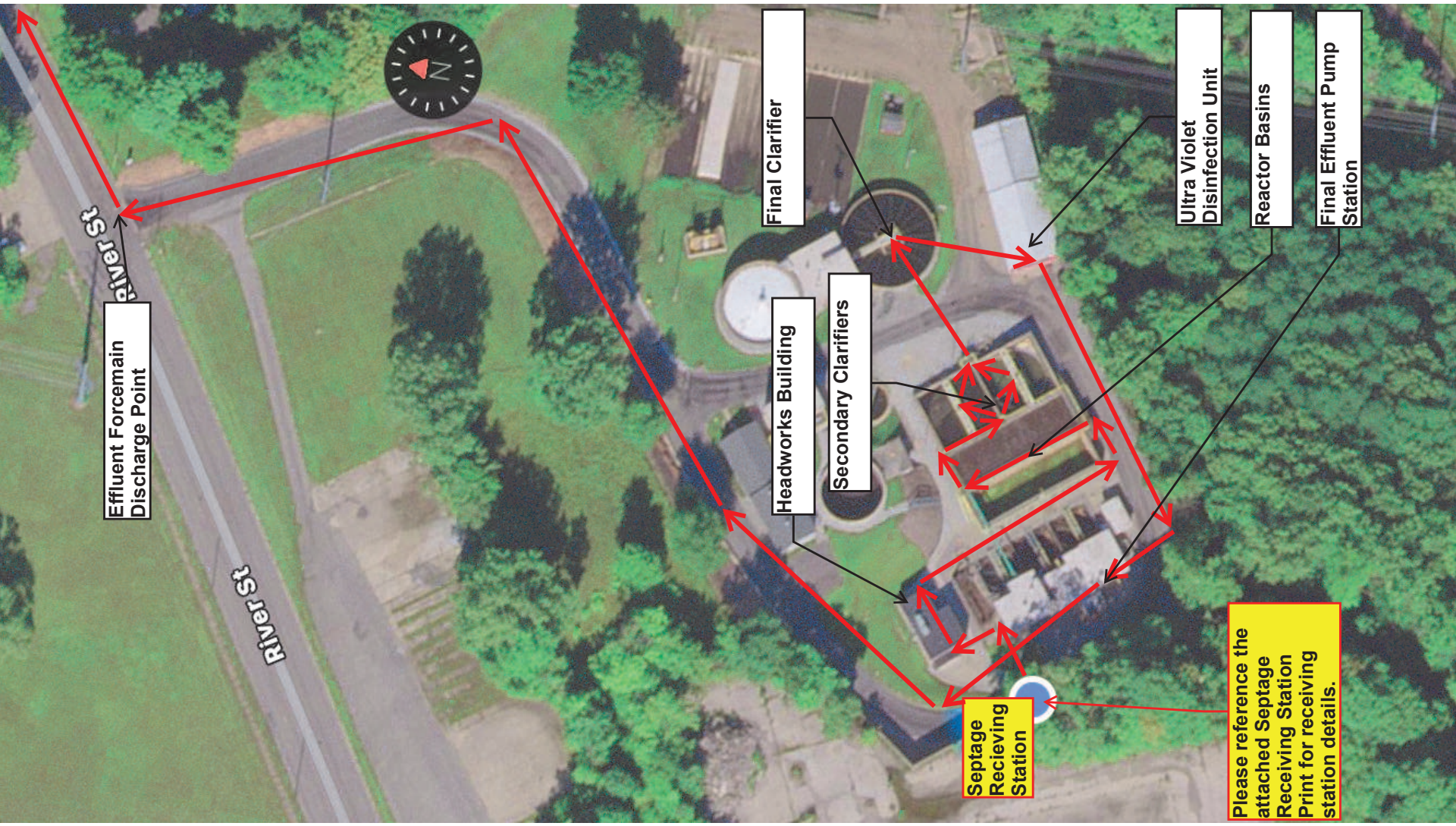


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CIVIL ENGINEERING | SURVEYING | ENVIRONMENTAL SERVICES | GEOTECHNICAL
CONSTRUCTION SERVICES | DRILLING | LANDSCAPE ARCHITECTURE

Job #:	2018419001
Date:	01/10/2020
Scale:	AS NOTED
Drawn:	AJP
Chk'd:	MJH
Rev.:	03/30/2021

**SEPTAGE RECEIVING STATION
BUCHANAN WWTP IMPROVEMENTS
CITY OF BUCHANAN**

Location:
SECTION 25
T 07 S, R 18 W
BUCHANAN TOWNSHIP
BERRIEN COUNTY
Sheet ----



Effluent Forcemain Discharge Point

Final Clarifier

Headworks Building

Secondary Clarifiers

Ultra Violet Disinfection Unit

Reactor Basins

Final Effluent Pump Station

Septage Receiving Station

Please reference the attached Septage Receiving Station Print for receiving station details.



City of Buchanan Wastewater Treatment Plant
502 River St.
Buchanan, MI 49107

Septage Disposal Application

Company Name: Click or tap here to enter text.

Contact Person: Click or tap here to enter text.

Phone Number: Click or tap here to enter text.

Number of Trucks: Click or tap here to enter text.

Number of Drivers: Click or tap here to enter text.

Volume Capacity of Trucks: Click or tap here to enter text.

Septage Hauler License Number: Click or tap here to enter text.

Physical Address

Street: Click or tap here to enter text.

City: Click or tap here to enter text.

State: Click or tap here to enter text.

Zip code: Click or tap here to enter text.

Billing Address

Street: Click or tap here to enter text.

City: Click or tap here to enter text.

State: Click or tap here to enter text.

Zip code: Click or tap here to enter text.

Does this company haul non-domestic septage: YES NO

Rules and Structures

1. No non-domestic septage will be received.
2. Ticket must be filled out by driver BEFORE dumping. Failure to fill out a ticket before dumping will result in a fine.
3. The price for dumping septage is \$0.065 per gallon.
4. The price will be charged based on the volume capacity of the truck.



City of Buchanan Wastewater Treatment Plant
502 River St.
Buchanan, MI 49107

Septage Disposal Ticket

Septage Hauler Company: _____

Driver Name: _____

Truck Number: _____

Volume Capacity of Truck: _____

Time and Date of Septage Pickup: _____

Address of Where Septage Originated: _____

Type of Septage (check):

- Cesspool _____
- Septic Tank _____
- Holding Tank _____

Are There Multiple Sources of Septage in This Load? YES _____ NO _____

Dump Time and Date: _____

Driver Signature: _____

Publisher's Certificate of Publication

STATE OF MICHIGAN COUNTY OF BERRIEN COUNTY OF CASS

Ambrosia Neldon, being duly sworn, says:
That she is General Manager of the Niles Daily Star, a daily newspaper of general circulation, printed and published in Niles, Berrien County, Michigan; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

06/26/21

That said newspaper was regularly issued and circulated on those dates.

The sum charged by the Newspaper for said publication does not exceed the lowest rate paid by commercial customers for an advertisement of similar size and frequency in the same newspaper in which the public notice appeared.

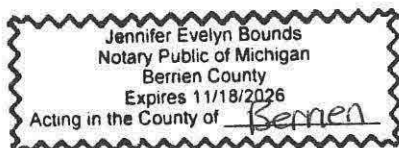
There are no agreements between the Niles Daily Star and the officer or attorney charged with the duty of placing the attached legal advertising notices whereby any advantage, gain or profit accrued to said officer or attorney.

SIGNED:

Ambrosia Neldon

Ambrosia Neldon, General Manager

Subscribed and sworn to before me this
26th Day of June, 2021



Jennifer Evelyn Bounds
Notary Public, State of Michigan,
County of Berrien
My commission expires 11/18/2026

Account # 144581
Ad # 1265301

CITY OF BUCHANAN
302 N REDBUD TRAIL
BUCHANAN MI 49107

PUBLIC NOTICE

CITY OF BUCHANAN MICHIGAN INTENT TO RECEIVE SEPTIC WASTE

June 22, 2021 – The City of Buchanan hereby gives public notice of its intention to receive septic waste. View the Septage Receiving Plan at www.cityofbuchanan.com for details.

Niles Daily Star:
June 26, 2021
RECEIVE SEPTIC WASTE