



P.O. Box 352 • 150 S. Bridge St. • Markesan, WI 53946 • P: (920) 398-3031 • F: (920) 398-3991

## **STREETS, BUILDINGS & UTILITIES COMMITTEE**

Markesan City Hall

**March 5, 2024**

Immediately Following Finance, Personnel & Safety Meeting

### **AMENDED AGENDA**

Call to Order

Roll Call

Citizen's Comments

Public Works Report

- Written Report Submitted

Water & Sewer Department Report

- Discussion and Action on 2024 Sewer Televising Quotes
- Discussion and Action on Gravel Driveway and Parking Area Bids at the WWTP
- Water Storage Facility Inspection Report
- Discussion and Action on the Purchase of BOD Incubator for the WWTP

New Business

- Discussion and Action on James Wilderman's 6 month review
- Discussion and Action on Ordinance 274 Amending Section 345-5 Wells
- Discussion and Action on Ordinance 275 Amending Section 345-15 Sewer Service Charge Rates
- Discussion and Action on Fee Schedule – Update to Water/Wastewater Section

Review Land Use Permits

Adjournment

A quorum of the Markesan Common Council may be in attendance at this meeting to gather information about a subject over which they have decision making responsibility. Under Wisconsin Open Meeting Law, this may constitute a meeting of the Common Council pursuant to the Badtke Decision, however, the Council will not take action at this meeting.

Any person requiring special assistance to participate in this meeting should contact the Clerk-Treasurer at 398-3031 at least 24 hours prior to the meeting so appropriate accommodations can be made.

Posted: City Hall  
ERGO Bank Post Office  
[www.markesanwi.gov](http://www.markesanwi.gov)

Dated March 1, 2024  
Elizabeth Amend, Clerk-Treasurer

## March Meeting

### Streets:

Small Bridge/Culvert inventory. What this means is any culvert(box or pipe) that measures 6' to 20' the state wants inventoried for future funding if/when any becomes available. I have been part of 2 webinars on how to record the information. The City of Markesan has 3 that meet the requirements. 1-W John St. by Zanto park(14'), 1-E John St. by the Historical Society, and 1-on E Manchester just east of DelMonte driveway. The state has 3 options for locating and reporting the type of structures. 1 We can do this ourselves (which I have done). 2- have the county or 3- have an independent contractor. The state will reimburse \$100 per structure that is recorded. The deadline for informing the Highway Commissioner is April 15th on the option that we chose. Deadline for submitting the structure information is December. I only have 2 structures left to measure.( Waiting for a little warm weather before I venture into the water) Once all the information is compiled throughout the state, a bridge inspection will take place. The County or an independent contractor will perform this and the state will reimburse \$350 per structure. I spoke with the Mayor I will be measuring the 3 structures when the water recedes.

### Public Property:

Ice rink liner has been removed from Kiwanis park and put in storage for the year. Warming shelter heat has also been turned off

AED has been installed at City Hall by the kitchen. Future training is in the works.

New specs for Kiwanis park shelters have been submitted

Started cleaning and general maintenance on park restrooms. Replaced lights in the women's restroom at Hein Park.

Trees- 1 dead tree at Kiwanis park has been removed. 2 dead Ash trees at the North Cemetery have been removed. Looking into possibly rent a stump grinder for the stump removal

Remove snow from the Historical Society parking lot per request of members.

Replaced tiles and subfloor in the community room. When we removed the broken tiles the concrete subfloor came up along with the tiles. (13 squares were replaced)

We will be waxing the floors at City Hall within the next two weeks before the spring elections.

Signs at S&S park along with Welcome signs on Hwy 73 and A & S have all been painted

Per request: Pricing for concrete or blacktopping the snow lot. I spoke with Lukasz from General Engineering and he advised against it for several reasons. Setbacks, environmental impact with no natural filtration, sediment barriers, cleaning of concrete and clean outs, and cost. I still contacted Kinas Excavating for a ballpark estimate.



1380 Earl Street  
 Menasha, WI 54952  
 920-734-4707

# Quote

Date	Estimate
2/26/2024	2845

Name / Address		Service Point		
City of Markesan Attn: Jeff Heberer PO Box 352 Markesan, WI 53946				
Scope of Work	Quantity	Unit	Unit Price	Total
Televiser approximately 5,200' of 8" plastic sewer as requested	5,200	LF	0.68	3,536.00

<b>Total</b>	<b>\$3,536.00</b>
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PLEASE REVIEW, IF ACCEPTED WITHIN 30 DAYS SPEEDY CLEAN WILL HONOR PRICING  
 If prevailing wages apply, please contact us to adjust this quote accordingly.  
 Quantities are estimated – Actual quantities will be invoiced.

Proposal Approval: Please sign quote and e-mail back to [info@speedycleaninc.com](mailto:info@speedycleaninc.com) or mail to:

Speedy Clean, Inc  
 1380 Earl St.  
 Menasha, WI 54952

Signature \_\_\_\_\_ Date: \_\_\_\_\_

**HOLD HARMLESS DISCLAIMER:**  
 Due to the unique nature of the tasks and the unknown pipe conditions, completion of the work may not be possible. In good faith, Speedy Clean will make every possible effort to perform the work described or will determine that other methods will be needed to complete the repair; at that time, price will revert to a time and materials basis.

**GREAT LAKES TV SEAL, INC.**

3600 Kewaunee Road  
Green Bay, WI 54311  
Phone: (920)863-3663  
Fax: (920)863-3662

**Quotation**

Quote Number  
21979

Quote Date  
Feb 17, 2024

Page  
1

**Quoted to:**

CITY OF MARKESAN  
P. O. Box 352  
461 W. Manchester  
Markesan, WI 53946

Quote Good Thru	Payment Terms	Sales Rep
3/18/24	Net 30 Days	

Description	Unit of Measure	Quantity	Unit Price	Extension
2024 SANITARY SEWER INSPECTION	.			
MOBILIZATION/DEMOBILIZATION	L SUM	1.00	585.000	585.00
PIPE INSPECTION	FOOT	5,200.00	0.470	2,444.00
QUANTITIES ARE ESTIMATED, ACTUAL QUANTITIES WILL BE INVOICED	.			

Please notify Great Lakes within 30 days if the quotation is accepted and the above prices will be honored.  
This acknowledgment will enable us to schedule your work more efficiently

Subtotal	3,029.00
Sales Tax	
<b>Total</b>	<b>3,029.00</b>



# Proposal

To: Jeff Heberer  
City of Markesan  
150 S. Bridge St.  
Markesan, WI 53946  
920-398-3767

From: Mike Olsen  
Visu Sewer, LLC.  
W230 N4855 Betker Dr.  
Pewaukee, WI 53072  
262-695-2340

**Date:** 2/27/2024

**Project:** Sanitary Sewer Cleaning & CCTV Inspection

Visu-Sewer is pleased to offer the following service:

CCTV inspection of approximately 5,200 linear feet of 8" sanitary sewer, in The City of Markesan. Project includes one (1) pass with a jet for light cleaning prior to televising, flash drive, inspection reports with PACP codes, and defect still photos. If needed, reverse set ups and removal of obstructions (e.g., root, deposits, protruding taps) will be completed at a T&M rate of \$325.00 per hour. Heavy cleaning with a vactor will be quoted separately.

**Rate: \$1.65 per linear foot**  
**(Per foot price is based on a minimum of 5,000 ft.)**

*\$1.65 x 5200 = \$8,580*

The City of Markesan will need to provide drivable equipment access to all manholes, detailed maps with naming conventions, water from nearby hydrants without charge, a dump site for captured debris, and traffic control beyond cones and signs.

Thank you for the opportunity to quote on this project. If you have any questions, please do not hesitate to call us at 800-876-8478.

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. This proposal may be withdrawn if not accepted within 30 days of issue. Time and material rates are charges "port to port". Terms - Net 30 days.

## Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. Visu-Sewer, LLC. is authorized to do the work as specified.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

[www.visu-sewer.com](http://www.visu-sewer.com)

WISCONSIN - ILLINOIS - MINNESOTA - IOWA - MISSOURI - VIRGINIA - OHIO



**Kinas Excavating, Inc.**

Basements • Driveways • Septic systems - all types • Mound Systems  
 Site Preparation • Land Clearing • Demolition • Topsoil • Trucking • Hazardous Waste Removal  
 Soil and Site Evaluation • Sewer & Water - mains, laterals, repairs • Small Ponds • Rip-rapping • Ditch Cleaning  
 N6205 Lawson Drive, Green Lake WI 54941  
 Green Lake (920) 294-3879 • Markesan (920) 398-3431 • Fax (920) 294-3455

COMPANY <b>City of Markesan</b>	CELL:	DATE <b>2/28/2024</b>
PROPOSAL SUBMITTED TO <b>Attn: Jeff Heberer</b>	PHONE	FAX
STREET <b>PO Box 352</b>	JOB LOCATION <b>461 W. Manchester St., Markesan</b>	
CITY, STATE, AND ZIP CODE <b>Markesan, WI 53946</b>	JOB NAME <b>Markesan Waste Water Plant</b>	

We here by submit specifications and estimates for:

City of Markesan Waste Water Treatment plant driveway

1. Construct a 150' long x 15' wide driveway with a 24' x 50' parking area. Driveway and parking area to have Fabric, 8" of 3" breaker run, and 4" of ¾ road gravel.

Total for item 1 is \$11,500.00

Exclusions :

1. All permits
2. Staking and layout
3. Seeding and fine grading

**Note:** Kinas Excavating will not be held liable for damage to any concrete/asphalt.

**Note:** It is owners' responsibility to make sure all lot lines are clearly marked and accurate.

**Note:** All private utilities not marked by digger's hotline will be the owner's responsibility.

Please, call if you have any questions regarding this proposal or any extra work that is not spelled out in this Proposal. If this proposal is acceptable, please sign, date and return so we may schedule. Thanks.

We Propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

Please See Above.

Payment to be made as follows:

Please provide us with verification of method of payment. If payment in full is not received within thirty (30) days from the date of completed work, Kinas Excavating, Inc. intends to file a claim for lien on your property. You are hereby notified that persons or companies furnishing labor or materials for the construction on your property located at : 461 W. Manchester St., Markesan may have lien rights on your land and buildings if they are not paid. Those entitled to lien rights, in addition to the undersigned prime contractor, are those who contract directly with you or those who give you identification notice within sixty (60) days after they first furnish labor or materials for the construction. You probably will receive notices from those who furnish labor and materials for the construction. You should give a copy of each notice you receive to your mortgage lender, if any. The undersigned prime contractor agrees to cooperate with you and your lender, if any, to see that all potential lien claimants are duly paid. A finance charge of 1.5% (18% per annum) will be charged on the unpaid balance after 30 days. Kinas Excavating, Inc. reserves the right to impose a fuel surcharge.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be in addition to proposal amount. Due to supplies constant price increases please see attached Construction Agreement Addendum which also applies. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature B. K. /Ben Kinas

Note: This proposal may be withdrawn by us if not accepted within 30 Days

**Acceptance of Proposal** - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_  
 Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

# ESTIMATE

CJP Excavating LLC  
N4498 Geissler Ln  
Helenville, WI 53137

casey@cjpexcavating.com  
+1 (920) 728-2722

## Markesan

**Bill to**  
Markesan

### Estimate details

Estimate no.: 1274  
Estimate date: 02/29/2024

#	Date	Product or service	SKU	Amount
1.		<b>Driveway</b> Install of 15'x145' driveway and 24'x50' parking area. Price includes removal of topsoil, Install of 8" of 3" breaker rock topped with 4" of 3/4 TB rolled in lifts. Road fabric to be installed under gravel.		\$7,425.00
2.		<b>Mobilize equipment</b> Mobilize equipment for the project		\$600.00
			<b>Total</b>	<b>\$8,025.00</b>



**Notice:** Pursuant to ch. NR 810.14, Wis. Adm. Code, this form, along with supporting documentation (i.e. written report, pictures, video and test results), is required to be submitted to the Department of Natural Resources (DNR) following the inspection (\*) but no later than 5 years since the previous inspection date. \*Public Water Systems (PWS) are required to inspect and maintain water storage facilities (defined in ch. NR 810.02(47) Wis. Adm. Code as vented reservoirs, water towers, standpipes, and treatment plant basins including ground and elevated storage structures) once every 5 years. Maintenance shall include removal of sediment and biofilm prior to evaluation. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31-19.39, Wis. Stats.). Unless otherwise noted, citations refer to Wisconsin Administrative Code.

**SECTION A - OWNER AND UNIT INFORMATION**

Owner (Municipality/Facility)/Telephone City of Markesan	Facility Identifier (FID #) 42402184	Construction Year / Roof Membrane Year 1972 /
Storage Facility Location Precision Dr near Hwy 44	Manufacturer and Serial Number Chicago Bridge & Iron	Last Exterior Paint Year 2011
Type of Storage Facility Single Pedestal	Capacity (Volume in Gallons) 200,000	Last Interior Paint Year 2011

**SECTION B - INSPECTION AGENT INFORMATION**

Inspection Agent (Company) LANE TANK CO., INC.	Inspection Date 10/04/2023
Company Address PO BOX 500, MENOMONIE WI 54751	Telephone Number (715) 235-3110

Certifications:  Professional Engineer  Steel Structures Painting Council (SSPC)  
 American Welders Society (AWS)  National Assoc. of Corrosion Engineers (NACE)

**SECTION C - GENERAL INSPECTION INFORMATION**

*Elements below may be operational in nature and may need to be provided by the water system operator or owner.*

Type of Inspection (s. NR810.14(2)):	<input type="checkbox"/> Complete Drain Down	<input type="checkbox"/> Diver	<input type="checkbox"/> Annual Vents/Screens/Hatches
	<input checked="" type="checkbox"/> Float Down or Partial Drain Down	<input type="checkbox"/> ROV	<input type="checkbox"/> Other (explain)
Soak-Down Testing conducted? (Required when roof cracks are observed unless waived by WDNR field engineer.)	<input type="radio"/> Yes	<input checked="" type="radio"/> No (explain)	<input type="radio"/> Waiver
Commercial diver certification standards met (Section 12.0 of the Consensus Standards for Commercial Diving and Underwater Inspections)	<input type="radio"/> Yes	<input type="radio"/> No (explain)	<input checked="" type="radio"/> N/A
Diver/ROV equipment disinfection requirements met (200mg/l Total Chlorine)	<input type="radio"/> Yes	<input type="radio"/> No (explain)	<input checked="" type="radio"/> N/A
Chlorine residual of storage water was at or above .5mg/l for diver/ROV inspection?	<input type="radio"/> Yes	<input type="radio"/> No (explain)	<input checked="" type="radio"/> N/A
Which AWWA C652 (Disinfection of Water-Storage Facilities) method was used?	<input type="radio"/> Method 1	<input type="radio"/> Method 2	<input type="radio"/> Method 3
Free chlorine residual test result(s) before unit was placed into service (mg/l)?			
Bacteriological test result(s) were safe before unit was placed into service?	<input type="radio"/> Yes	<input type="radio"/> No (explain)	
Distribution system pressure maintained ≥ 20psi during cleaning/inspection process?	<input type="radio"/> Yes	<input type="radio"/> No (explain)	
External Bypass/Isolation/Drain Valves Functional and Described on System Map(s)?	<input type="radio"/> Yes	<input type="radio"/> No (explain)	

Explanations (if applicable):

**SECTION D - PREMAINTENANCE OBSERVATIONS**

*Describe observations to the right of each element. They may include clarity, color, odor, film, biofilm, staining, oil, or other concerns.*

Surface (walls/ceiling) Characteristics	clean
Water Quality Characteristics	clear
Sediment Characteristics	light manganese buildup on the floor
Sediment Depth and Distribution	approximately 1/4" in the bowl, could see the floor
Stratification (include temperature gradients if known)	
Were water/sediment/film samples collected (explain)?	

# Water Storage Facility Inspection Report

Form 3300-248 (R 4/18)

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## SECTION E - SPECIFIC INSPECTION OBSERVATIONS

*Describe observations: note whether each element is satisfactory (S), unsatisfactory (U), or is not present (not applicable - N/A). If a rating is unsatisfactory, provide an explanation to the right of the element and/or provide this information in attached documentation by referencing the inspection element's identification number.*

ID	S	U	N/A	Site or Property Assessment	Explanation
1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Roads and Accessibility	gravel driveway
2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Positive Drainage	
3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Vegetation (top and sides)	grass around the site
4	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Lighting	
5	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Fencing	
6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Security	locked steel door
ID	S	U	N/A	Miscellaneous or Ancillary Equipment	Explanation
7	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Steps and Platforms	
8	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	FPD, Rungs, Friction Brakes, Harness and Attachment	cable-type safety device on access tube ladder
9	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Safety Rails, Catwalks	no roof railing
10	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Painter Rings and Brackets	
11	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Electrical Wiring/Conduits/Junction Boxes	
12	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Cathodic Protection System: Wiring, Anodes, Support	
13	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Aviation Lights	inoperable, needs a new fixture to put in use
14	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Antennae	
15	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Riser Expansion Joint, Pipe, and Hardware	
16	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Chemical Injection Tap/Port	secondary port in the fill/drain pipe
17	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sample Tap	1/2" chrome smooth bore tap
18	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Freeze Protection	
ID	S	U	N/A	Valve Vault	Explanation
19	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Structure or Housing	
20	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Drain/Sump	sump pit, no pump - no standing water
21	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Valves/Piping	
22	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Electrical Equipment	
23	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Security	inside locked basebell
ID	S	U	N/A	Controls	Explanation
24	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Method Used to Control Water Level (also note the type used)	SCADA
25	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Penetration and Seal Integrity	
26	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Electrical Equipment and Wiring	
27	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Floats, Switches, Sensors	
28	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Mercury Switches	
29	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Control/Electrical Box Security	inside the basebell heated building
ID	S	U	N/A	Mixing	Explanation
30	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Mixing Method	
31	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Penetration and Seal Integrity	
32	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Operation and Functionality	
33	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	General Effectiveness	

# Water Storage Facility Inspection Report

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ID	S	U	N/A	Access	Explanation
34	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Structure and Associated Parts	1 - 24" hatch
35	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Steel/Metal Structures (pits, corrosion, holes, buckling, etc.)	steel
36	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Lip Distance to Ground/Roof Surfaces	4"
37	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Lip, Hatch, and Hatch to Lip Overlap	2"
38	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fit, Seal, Gaskets	rubber gasket
39	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Locking System and Security	padlock
40	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Sealed Access Tube Air-Gap Boot/Seal (CBI Spheroid)	weld sealed shut
ID	S	U	N/A	Vents	Explanation
41	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Number and Size(s)	1-18"
42	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Structure and Associated Parts	vacuum release, frost resistant
43	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Distance to Ground/Roof Surfaces (feet)	24"
44	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Screen Mesh Size (number of strands per linear inch)	#4 outer, #24 inner
45	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Screen Corrosion Resistance	
46	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Screen (attachment method, coverage, integrity)	
47	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Rain, Drip, Wind Shield	
48	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Pressure Pallets (release/screen)	
49	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Security Shroud/Hood/Device	
ID	S	U	N/A	Overflow	Explanation
50	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Number and Sizes (diameter)	1-6"
51	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Pipe Material (non-metal is prohibited)	steel, 90 degrees towards grade
52	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Pipe Integrity	
53	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Air Break Distance to Splash Pad (12" to 24" required)	24"
54	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Screen Mesh Size (number of strands per linear inch)	#4
55	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Screen Corrosion Resistance	
56	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Screen (attachment method, coverage, integrity)	flanged
57	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Flapper	counterweighted flapper
58	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Splash Pad (material and integrity)	concrete
59	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Head Wall	
60	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Erosion Protection	
61	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Drainage (positive and safe)	
62	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Security Shroud/Hood/Device	
63	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Overflow Test Results (if overflow was tested on inspection)	
ID	S	U	N/A	Foundation and Anchoring	Explanation
64	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Supporting Soils (settling, erosion, leak evidence)	
65	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Final Grade is 4" to 6" Below Base Plate	
66	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Concrete (spall, crack, rebar, corrosion, efflorescence, etc.)	monitor the minor cracking & spawling
67	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Anchors (anchor, bolt, thread condition/fully threaded/tight)	
68	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Chairs (cleanliness and condition)	
69	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Leg Struts and Connections	
70	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Column Shoes/Riser Plates (erosion/corrosion/grout seal)	
71	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Wind Rods (condition, tightness, pins properly secured)	

# Water Storage Facility Inspection Report

Form 3300-248 (R 4/18)

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ID	S	U	N/A	Internal Observations (ceiling, walls, floor, other)	Explanation
72	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Compatible Materials (no wood, lead, mercury, coal tar, etc.)	
73	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Drain, Sump, Silt Trap	approximate 12" silt trap
74	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Control Valves and Pipes	
75	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Equipment Support Systems	
76	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Penetration Points (sealed, integrity, etc.)	
77	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Roof Support System (trusses, rafters, welds, etc.)	
78	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Concrete (spall, crack, rebar, corrosion, efflorescence, etc.)	
79	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Pre-stressed Concrete (seams, anchors, wire winding)	
80	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Steel/Metal Structures (pits, corrosion, holes, buckling, etc.)	
81	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Internal Membrane	
82	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Seams (welds, gaskets, bolts, rivets, seals, etc.)	
83	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Mastics (gaskets, caulk, mortar, grout, rubber, epoxy, etc.)	
84	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Surface Coating (paint, rubber, glass, epoxy, etc.)	no major coating damage or failures
85	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Paint Testing (thickness, adhesion, etc.)	
86	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ice/Freezing Protection (explain any damage)	no visible damage
ID	S	U	N/A	External Observations (roof, walls, and other)	Explanation
87	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Roof and Sidewall Drainage	
88	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Cover Material (sod, foam, etc.)	
89	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	External Membrane	
90	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Equipment Support Systems	
91	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Penetration Points (sealed, integrity, etc.)	
92	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Riser and Stay Rods	
93	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Piping and Valves	
94	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Concrete (spall, crack, rebar, corrosion, efflorescence, etc.)	
95	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Pre-stressed Concrete (seams, anchors, wire winding)	
96	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Steel/Metal Structures (pits, corrosion, holes, buckling, etc.)	
97	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Seams (welds, gaskets, bolts, rivets, seals, etc.)	
98	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Mastics (gaskets, caulk, mortar, grout, rubber, epoxy, etc.)	
99	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Surface Coating (paint, rubber, glass, epoxy, etc.)	mold/mildew buildup
100	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Paint Testing (thickness, adhesion, etc.)	
101	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Ice/Freezing Protection (explain any damage)	

## SECTION F - REPAIRS COMPLETED

*Describe repairs made to the water storage facility or associated parts. Include names of any products used to coat or seal internal surfaces. Detailed information can be provided in supporting documentation attached to this form. Please note: WDNR plan review and approval is required prior to applying products to water storage facilities; and may be required for modification and repairs.*

**SECTION G - RECOMMENDATIONS**

*Detailed information can be provided in supporting documentation attached to this form.*

The concrete foundation is showing a couple minor areas of damage and/or spalling. The Utility should have these damaged areas repaired and monitor the foundation for future deterioration. The damaged areas should be cleaned, possibly abrasive blasted, to remove any loose concrete. These areas could then be spot-repaired with a high quality concrete patch/sealer.

The access tube top hatch cover is sprung, leaving a small gap or opening. The hatch cover chain hasp is broken and is temporarily secured with a chain hasp. At some point, the hatch cover hinges should be modified to allow the cover to close properly and a new lock hasp installed.

The next time the tank is drained for maintenance, the Utility should consider installing a 3" mud cleanout coupling in the bowl near the lowest part of the floor. This coupling can be plumbed into the overflow pipe. The coupling would be plugged on the wet interior side with a threaded stainless steel plug which can be removed for cleaning operations.

The roof clearance light fixture is missing both red globes and bulbs. If the Utility would like to keep lights on the tower, the fixture can be removed and a new LED light fixture installed.

The next time the tank is drained for maintenance, the Utility should consider installing an OSHA approved roof safety railing. This railing would be fabricated to encompass both access hatches and the roof vent. This would make the tank roof much safer for all personnel during maintenance and inspections. The railing could also be a proper location for any future antenna equipment installations.

The lower half of the sphere is showing a mold/mildew growth. This growth is not harming the tank coatings, however, it can begin to stain them. The Utility could have the exterior power washed to remove the mold/mildew. This typically would cost about \$10,500 at today's prices.

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# Water Storage Facility Inspection Report

Form 3300-248 (R 4/18)

Page 6 of 6

## SECTION H - REPORTING CHECKLIST

Use the checklist below to ensure the form and submittals are complete.

Supporting Documentation (check all that apply)	<input checked="" type="checkbox"/> Pictures	<input type="checkbox"/> Video	<input type="checkbox"/> Sample Results
Unsatisfactory Observations Described	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Repairs Described	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Recommendations Described	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Written Report and Supporting Documentation Sent to Owner	<input checked="" type="radio"/> Yes	<input type="radio"/> No	

## SECTION I - SIGNATURES

I certify that the information provided on this form is accurate and true to the best of my ability.

Inspection Agent Signature <i>Matt Fisher</i>	Date 1/29/2024
Inspection Agent Printed Name Matt Fisher	Telephone Number (715) 235-3110
Municipal Official or Owner Signature	Date
Municipal Official or Owner Printed Name	Telephone Number

## SUBMITTAL INSTRUCTIONS

Submit Form 3300-248 and any narrative report, pictures, and video to the attention of the water system's WDNR regional water supply representative (<https://dnr.wi.gov/topic/drinkingWater/documents/CountyContacts.pdf>) at:

WDNR Northern Region  
107 Sutliff Avenue  
Rhineland, WI 54501

WDNR Northeast Region  
2984 Shawano Avenue  
Green Bay, WI 54313

WDNR Southeast Region  
2300 N. Dr. Martin Luther King, Jr. Dr.  
Milwaukee, WI 54212

WDNR South Central Region  
3911 Fish Hatchery Road  
Fitchburg, WI 53711

WDNR West Central Region  
1300 West Clairmont Avenue  
Eau Claire, WI 54701



# NORTH CENTRAL LABORATORIES

## Quotation # 27650 MAR01

March 1, 2024

Page 1 of 1

To: Markesan  
Attn: Jeff Heberer  
E-Mail: [jheberer@markesanwi.gov](mailto:jheberer@markesanwi.gov)

Dear Jeff,

We are pleased to offer the following quotation for your consideration.

Qty	Description	List Price	Quote Price
1 ea	SL-3P, SRI3P, SHELDON MFG REFRIGERATED INCUBATOR, 3 CU FT, ENERGY EFFICIENT PELTIER COOLING, +15c to +40c, OUTLET, 115V	\$4,106.00	\$3,600.00
1 ea	BOD-895, Incubator Thermometer, -50/70C, Triple Display, Current, Min & Max, Certified, w/Alarm & Probe in 30ml vial	\$135.00	\$115.00
Shipping <b>Estimate</b> for Ground Truck Delivery =			\$75.00
Total =			\$3,790.00

The above shipping **estimate** is for ground truck delivery. Actual delivery charges will be prepaid and added to your invoice.

The quoted prices are good for 60 days.

Please call me at 800-648-7836 if you have any questions or need any other information.

Sincerely,  
Paul  
*Quotations Representative*  
North Central Laboratories

1.800.648.7836  
Fax: (715) 449-2454  
[www.nclabs.com](http://www.nclabs.com)  
Email: [nclabs@nclabs.com](mailto:nclabs@nclabs.com)

## **ORDINANCE NO. 274**

An Ordinance Amending Section 345-5 Private Well Operation and Abandonment of the  
Municipal Code of the City of Markesan.

The Common Council of the City of Markesan in session duly begun on the  
12th day of March, 2024, hereby amends Section 345-5 of the City of Markesan Municipal Code  
to read as follows:

SECTION 1: Section 345-5 Private Well Operation and Abandonment of the Municipal Code is hereby amended to read as follows:

A. Well operation permits. To ensure proper maintenance and operation of wells served by the municipal water system that remain in use on any premises within the City, a well operation permit shall be required every 5 years. Well permits will have a fee payable to the City every 5 years at a rate prescribed in the City's fee schedule, and permits not obtained by established deadlines shall be subject to a late fee as set from time to time by resolution of the Common Council. To obtain a permit, application shall be made on forms provided by the City Clerk-Treasurer, and such wells shall meet the following requirements:

(1) The well and pump installation meets the requirements of the applicable Wisconsin Administrative Code Chapter NR 812, and a well constructor's report is on file with the Wisconsin Department of Natural Resources (WDNR), or certification of the acceptability of the well has been granted by the WDNR.

(2) The well has a history of producing safe water and presently produces bacteriologically safe water as evidenced by submitting water test results to the City, at issuance of the well inspection and permit.

(3) The proposed use of the well can be justified as being necessary in addition to water provided by the public water system.

(4) No physical connection shall exist between the piping of the public water system and the private well.

B. Well abandonment. All private wells located on any premises within the City shall be properly filled and sealed within 60 days of notification by the Common Council if they are no longer in use, or are bacteriologically unsafe, or do not meet the requirements as set forth in Ch. NR 812, Wis. Adm. Code.

(1) Wells being abandoned shall be filled according to the procedures outlined in the applicable Wisconsin Administrative Code Ch. NR 812.26. The pump and piping must be removed and the well checked for obstructions prior to plugging. Any obstruction or liner must be removed. The filling must be observed by a representative of the City.

(2) A well abandonment report, supplied by the Department of Natural Resources, must be submitted by the well owner to City of Markesan Clerk and the WI DNR. The report shall be submitted immediately upon completion of the filling of the well.

- C. Violations and penalties. Except as otherwise specifically provided in this chapter, any person who shall violate any provision of this chapter or any order, rule or regulation made hereunder shall be subject to a forfeiture as provided in § 1-3 of the Code of the City of Markesan.

SECTION 2: This ordinance shall be in full force and effect upon passage and publication.

ROLL CALL: Ayes \_\_\_\_ Nays \_\_\_\_\_ Absent \_\_\_\_\_ Abstained \_\_\_\_\_

APPROVED this 12th day of March, 2024.

CITY OF MARKESAN

\_\_\_\_\_  
RICH SLATE, Mayor

ATTEST:

\_\_\_\_\_  
ELIZABETH AMEND, Clerk-Treasurer

APPROVED AS TO FORM:

\_\_\_\_\_  
DANIEL D. SONDALLE, City Attorney

Publish March 21, 2024

## **ORDINANCE NO. 275**

An Ordinance amending Section 345-15(B), (F), (G) Sewer Service Charges of the Municipal Code of the  
City of Markesan

The Common Council of the City of Markesan in session duly begun on the 12<sup>th</sup> day of March, 2024, hereby  
amends Section 345-15(B), (F), (G) of the City of Markesan Municipal Code to read as follows:

SECTION 1: Section 345-15(B), (F), (G) Sewer Service Charges of the Municipal Code is hereby  
amended to read as follows:

- B.** Sewer service charges. Sewer service charges shall be established so that revenues collected cover debt service costs, operation and maintenance expenses and replacement costs, except that the City may use ad valorem taxes to cover any portion of the debt service costs. The sewer service charges established shall be such that all users shall pay a proportionate share of the cost of service based on actual use. For all contaminants in the City's Wastewater Permit at the time of the enforcement, the user will pay at the rate prescribed by the City of Markesan's fee schedule. The sewer service charges shall be based on a volume parameter and a customer parameter as stated in Section 345-15 (F).
- F.** Parameters. The sewer service charges shall be established using the parameters, as outlined in Subsection **B** above. All costs shall be allocated to these parameters in a logical and reasonable manner. A definition of each parameter is as follows:
- (1) Volume. The volume parameter is that portion of the costs that is related to flow.
  - (2) BOD. The BOD parameter is that portion of the costs that are related to the removal of BOD. The BOD parameter will be equated to a volume charge for all users discharging domestic strength waste (less than 300 mg/l BOD).
  - (3) Suspended solids. The suspended solids parameter is that portion of the costs that is related to the removal of suspended solids. The suspended solids parameter will be equated to a volume charge for all users discharging domestic strength waste (less than 300 mg/l SS).
  - (4) Phosphorus TP. The TP parameter is that portion of the costs that are related to the removal of TP. The TP parameter will be equated to a volume charge for all users discharging domestic strength waste (less than 7 mg/l TP).
  - (5) Ammonia. The Ammonia parameter is that portion of the costs that are related to the removal of Ammonia. The Ammonia parameter will be equated to a volume charge for all users discharging domestic strength waste (less than 40 mg/l TP).
  - (6) Outside 6 – 9 pH Range. The Outside 6-9 pH Range parameter will be equated to a volume charge for all users discharging domestic strength waste per point outside range per 1,000 gallons.
  - (7) Customer. The customer parameter is that portion of the costs that is customer related such as meter reading, billing and other administrative costs. These costs will be divided equally among all users.<sup>[1]</sup>
- G.** All contaminants determination. All residential users and other users discharging domestic strength waste shall be assumed to discharge domestic strength waste. The contaminants concentrations for all other users will be determined by monitoring and sampling or by published estimates for the user type if agreed upon by the user and the City.



[1]

*Editor's Note: Original Sec. 13.29(7), Volume determination, which immediately followed this subsection, was repealed 4-14-2015 by Ord. No. 233.*

SECTION 2: This ordinance shall be in full force and effect upon passage and publication.

ROLL CALL: Ayes- , Nays- , Absent- , Abstained-

APPROVED this 12<sup>th</sup> day of March, 2024.

CITY OF MARKESAN

\_\_\_\_\_  
RICH SLATE, Mayor

ATTEST:

\_\_\_\_\_  
ELIZABETH AMEND, Clerk-Treasurer

APPROVED AS TO FORM:

\_\_\_\_\_  
DANIEL D. SONDALLE, City Attorney

Publish: March 21, 2024

Ord. Reference	Item	Fee
<b>PUBLIC WORKS (continued)</b>		
330-16 252-10 252-8	Snow and Ice Removal from Sidewalks Trees over Public Ways (Control of) Grass and Weed Control Removal of Garbage on Curb	1 <sup>st</sup> Offense per calendar year: \$50/hour, min. 2 hrs. + 10% Admin. Fee Each Additional Offense per year: Double the charge
<b>RECYCLING</b>		
323-2	Compostable at Recycling Center Leaves, grass, yard waste, brush	n/c
323-14	Disposal Fees Lead acid batteries Major appliances Freon appliances (fridge, freezer, a/c) Non-Freon (stove, washer, dryer, microwave) Electronics Televisions Monitors (w/PC's or alone), Copiers Printer, Scanner, Fax Machine Fluorescent Bulbs	n/c \$25 \$25 \$30 \$20 \$10 \$1.50 per bulb
<b>RENTALS</b>		
N/A	Community Room and Kitchen Use at City Hall Resident Non-resident	\$50 \$75
260-7	Park Use Permit S&S Big Building or Scout Cabin-City Resident S&S Big Building or Scout Cabin-Non-Resident Hein Park/Kiwanis Park – City Resident Hein Park/Kiwanis Park – Non-Resident	\$75 \$100 n/c \$25
<b>WATER/WASTEWATER</b>		
345-10	Private Wastewater Disposal System Permit & Inspection	\$100
345-11	Wastewater Hookup/Opening Permit Residential & Commercial Industrial	\$75 \$75
345-5	5 Year Well Permit Fee	\$25
345-5	Well Permit Late Fee	\$25
345-15	Surcharge – BOD Strength	\$1.00 greater than 300 mg/l
345-15	Surcharge – TSS Strength	\$1.00 greater than 300 mg/l
345-15	Surcharge – TP Strength 1	\$1.00 greater than 7 mg/l
345-15	Surcharge – Ammonia Strength	\$1.00 greater than 40 mg/l
345-15	Surcharge – Outside 6-9 pH Range	\$2.00 per point outside range per 1,000 gallons
<b>ZONING</b>		
400-123	Board of Appeals (Variance) Application	\$250
390-5	Certified Survey Map	\$75
400-87	Conditional Use Permit Application	\$250
400-94	Erosion Control Permit	\$50/residential, \$150/commercial