

VILLAGE OF NEW GLARUS
PUBLIC WORKS / PUBLIC SAFETY COMMITTEE MEETING
Village Hall Community Room
319 2ND Street
5/8/2023 6:30 P.M.

REGULAR MEETING

1. Call to Order
2. Approval of Agenda
3. Approval of 4.10.23 Minutes
4. Public Hearing: Special Assessments for 3rd Avenue between 3rd Street & 8th Street
5. Approval: Special Assessments for 3rd Avenue between 3rd Street & 8th Street
6. Public Safety
 - a. Monthly Police Department Report
 - b. Consideration/Discussion: Special Event: Blues, Brews & Food Trucks, June 24th, 2023
 - c. Consideration/Discussion: Operator License for Jolene Klarer
7. Public Works
 - a. Monthly Public Works Department Report
 - b. Consideration/Discussion: Qualifications-Based Selection of Engineer for Water Reservoir
 - c. Consideration/Discussion: Water Reservoir Tank Option Selection
 - d. Consideration/Discussion: GIS Mapping Update
8. Adjournment

Peggy Kruse, Chair Public Works/ Public Safety Committee

AGENDA

POSTED: N.G. Village Hall	5/5/23
NG Post Office	5/5/23
Bank of New Glarus	5/5/23



Kelsey A. Jenson, Clerk

PURSUANT TO APPLICABLE LAW, NOTICE IS HEREBY GIVEN THAT A QUORUM OR A MAJORITY OF THE NEW GLARUS VILLAGE BOARD OF TRUSTEES MAY ATTEND THIS MEETING. INFORMATION PRESENTED AT THIS MEETING MAY HELP FORM THE RATIONALE BEHIND FUTURE ACTIONS THAT MAY BE TAKEN BY THE NEW GLARUS VILLAGE BOARD.

PERSONS REQUIRING ADDITIONAL SERVICES TO PARTICIPATE IN A PUBLIC MEETING MAY CONTACT THE VILLAGE CLERK FOR ASSISTANCE AT 527-2510.

VILLAGE OF NEW GLARUS
PUBLIC WORKS & SAFETY MEETING MINUTES
April 10, 2023 **6:30 pm**

REGULAR MEETING

Call to Order - 6:37pm

Present: Peggy Kruse and Michael Bell

Also Present: Director of Public Works Joe Cockroft; Police Chief Jeff Sturdevant; Village Administrator Lauren Freeman; Chamber of Commerce Executive Director Bekah Stauffacher

Approval of Agenda: Michael, Peggy second

Approval of 3.13.23 Minutes: Michael, Peggy second

Public Safety

- A. Monthly Police Department Report – Chief Sturdevant shared the March monthly police report. There were 324 calls in March.
- B. Consideration/Discussion: Event Permit – Bike Rode, Saturday, May 20, 2023 – Peggy motion to approve, Michael second
- C. Consideration/Discussion: Operator License Approval for Helen Lineberger, David Hook, and Rebecca Perkins – Peggy motion to approve, Michael second
- D. Consideration/Discussion: Operator License for Kyle Ray– Chief Sturdevant stated that the application was not truthful and the applicant had an extensive record – Peggy motion to deny, Michael second
- E. Consideration/Discussion: Event Permit – Walk for Water, May 20, 2023 – Peggy motion to approve, Michael second
- F. Consideration/Discussion: Event Permit – NG Chamber Beer, Bacon, & Cheese, June 9 & 10, 2023 – Michael motion to approve, Peggy second
- G. Consideration/Discussion: Street Use Permit – NGHS Graduation Parade, Sunday June 4, 2023 – Peggy motion to approve, Michael second
- H. Consideration/Discussion: Street Use Permit – American Legion Memorial Day Parade, May 29, 2023 – Peggy made a motion to approve, Michael second
- I. Consideration/Discussion: Special Event Permit Police Officer Wages – Administrator Freeman stated that this would increase the hourly wage charged through the special event permitting process for police protection during large events. Staff proposed increasing from \$45/hour to \$55/hour to cover the loaded wage, which is the cost of wage and benefits for officers. Peggy motion to approve increasing to \$50/hour and have staff track actual costs at the end of the year to determine if that charge is covering costs, Michael second.
- J. Consideration/Discussion: ARPA Projects – Administrator Freeman provided a memo outlining the remaining possible projects to be funded by ARPA. The Committee discussed at length. Public Works Director Cockroft and Administrator Freeman talked about pursuing an agreement with the Town to allow dumping at the Village brush pile site for a fee, which would eliminate need for the security camera at that site. Peggy motion to approve the following ARPA funding priorities: tasers, window film, brush pile camera, Public Works tractor, floral clock lighting, pool benches, Administration technology. Michael second.

Public Works

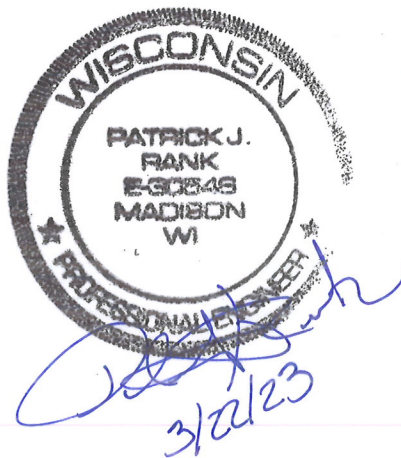
- A. Monthly Public Works Department Report – Public Works Director provided an update on Public Works and Utility projects.
- B. Consideration/Discussion: Parking at Hair Dimensions (108 2nd Street) – Administrator Freeman stated the owner of Hair Dimensions reached out asking for a handicap spot at their business, but the Village Engineer determined the slope of the street would not be conducive. Staff has discussed painting a parking spot with extra space for a wheelchair and possible signage for the business. Freeman is waiting to hear back from the business owner on how they would like to move forward. No action.
- C. Consideration/Discussion: Remove “No Parking” Signs at Glarner Park – Michael made a motion to amend parking ordinance to allow removal of no parking signs at Glarner Park, second by Peggy.

Adjourn 7:54 PM

- Lauren Freeman
Village Administrator

REPORT ON PROPOSED SPECIAL ASSESSMENTS FOR PUBLIC IMPROVEMENTS
AGAINST PROPERTIES LOCATED IN NEW GLARUS, WISCONSIN

VILLAGE OF NEW GLARUS, WISCONSIN



Strand Associates, Inc.®
Excellence in Engineering Since 1946
910 West Wingra Drive
Madison, WI 53715

March 22, 2023

This report is submitted in accordance with the requirements of s.66.0703, Stats., and the preliminary resolution of the municipal governing body of New Glarus, Wisconsin, dated March 21, 2023, determining to levy special assessments on benefited properties for public improvements described in Schedule B of this report to be made in the assessment district as described in Schedule C included in this report.

This report consists of the following schedules attached hereto:

Schedule A—Final drawings and specifications.

Schedule B—Estimate of entire cost of proposed improvements.

Schedule C—Schedule of proposed assessments against each benefited parcel.

SCHEDULE B

ESTIMATE OF ENTIRE COST OF PROPOSED IMPROVEMENTS

The estimated total cost of improving the following named streets and portions thereof in accordance with the drawings and specifications in Schedule A is \$1,417,280. This cost is determined as follows:

For Street and Utility Construction:

Street Construction	\$ 585,010
Sanitary Sewer	\$ 132,890
Storm Sewer	\$ 314,355
Water Main	\$ 142,525
Engineering, Legal, and Administrative	<u>\$ 242,500</u>
Total estimated cost	\$ 1,417,280

Location of Improvements

- Third Avenue between Third Street and Eighth Street

30-IN Curb and Gutter (per Front Foot)

Construction Cost	\$19.00
Engineering, Legal, and Administrative	<u>\$ 3.25</u>
Cost per Front Foot	\$22.25

Curb and Gutter Removal (per Front Foot)

Construction Cost	\$3.00
Engineering, Legal, and Administrative	<u>\$0.51</u>
Cost per Front Foot	\$3.51

Concrete Sidewalk (per Square Foot)

Construction Cost	\$6.10
Engineering, Legal, and Administrative	<u>\$1.04</u>
Cost per Square Foot	\$7.14

Concrete Sidewalk Removal (per Square Foot)

Construction Cost	\$5.00
Engineering, Legal, and Administrative	<u>\$0.86</u>
Cost per Square Foot	\$5.86

SCHEDULE C

PROPOSED ASSESSMENTS - VILLAGE OF NEW GLARUS - THIRD AVENUE – PHASE 2

The following properties to which the proposed assessments are to be made are benefited.

Police Power Assessments

PARCEL #	NAME	Property Address	Mailing Address	City_St_ZIP	Total Front Footage 30 - Inch Curb and Gutter (LF)	Total Front Footage Curb and Gutter Removal (LF)	Total Square Feet (sq. ft) Sidewalk	Total Square Feet (sq. ft) Sidewalk Removal	Estimated Total \$
23161 0247.0000	New Glarus Bible Church	207 6th Street	207 6th Street	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0247.0000	New Glarus Bible Church	619 3rd Avenue	207 6th Street	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0243.1000	New Glarus Bible Church	OL 24A	207 6th Street	New Glarus, WI 53574	33.00	33.00	0.00	0.00	\$ 850.08
23161 0248.1400	Timothy & Mary Usher	701 3rd Avenue	701 3rd Avenue	New Glarus, WI 53574	108.86	108.86	0.00	0.00	\$ 2,804.23
23161 0248.1300	Rosalie Huntington	707 3rd Avenue	PO Box 631	New Glarus, WI 53574	88.00	88.00	0.00	0.00	\$ 2,266.88
23161 0248.1200	Shane & Danielle Tonn	300 8th Street	300 8th Street	New Glarus, WI 53574	180.00	180.00	0.00	0.00	\$ 4,636.80
23161 0220.1000	New Glarus Home Inc	701 Haslen Dr	600 2nd Avenue	New Glarus, WI 53574	6.00	6.00	0.00	0.00	\$ 154.56
23161 0779.0000	Linda K Hiland	801 3rd Avenue	801 3rd Avenue	New Glarus, WI 53574	50.00	50.00	0.00	0.00	\$ 1,288.00
23161 0292.0000	New Glarus Volunteer Fire Department Inc	219 3rd Avenue	PO Box 306	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0291.0100	New Glarus Fire District	218 4th Avenue	212 4th Avenue	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0290.0200	Village of New Glarus	312 4th Avenue	PO Box 399	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0282.0000	Delayne & Merton Retrum	401 3rd Avenue	401 3rd Avenue	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0261.1000	New Glarus/Dodgeville LIHTC LLC	301 5th Street	4801 Tradewinds Parkway	Madison, WI 53718	0.00	0.00	0.00	0.00	\$ -
23161 0261.2000	Brian & Sally Jeglum	519 3rd Avenue	W5911 Durst Road	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0261.0000	Carolyn & Jeffrey Babler	506 3rd Avenue	PO Box 646	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0267.2000	Brenkman Living Trust	518 3rd Avenue	518 3rd Avenue	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
23161 0262.0000	Julie & Paul Jennrich	201 5th Street	201 5th Street	New Glarus, WI 53574	0.00	0.00	0.00	0.00	\$ -
TOTAL					465.86	465.86	0.00	0.00	\$ 12,000.55

Jeff Sturdevant
Chief of Police
 sturdevant@newglaruspolice.com



Office: 608-527-2145
 Fax: 608-527-2062
 info@newglaruspolice.com

"America's Little Switzerland"

May 2, 2023

To: Administrator Freeman and the New Glarus Public Safety/Works Committee

From: Chief Jeff Sturdevant

Reference: April Monthly Police Report

Here is the summary of the Police Department statistics for last month and the year to date calls for service along with a comparative to last year's numbers.

Types of Calls	Current Month	Since Jan 1st	Total Last Year
Overall calls for service	331	1325	3791
Assist other agencies/departments	30	123	528
Incarcerated/Jailed	2	12	44
Traffic/Municipal Citations	50	167	618
Traffic Warnings	67	266	738
Parking Citations	4	129	258
Traffic Accidents	2	4	42

Notable information or call(s) for service:

- The department has been handling an increased call volume in dogs and cats attacking people or other domestic animals and running at large complaints in the Village.
- 04-24-22 The New Glarus Police Department turned over 41.5 pounds of raw prescription medications to the Department of Justice for disposal that are collected in the Drug Drop Box located in the Police Department lobby.

Jeff Sturdevant
Chief of Police
sturdevant@newglaruspolice.com



Office: 608-527-2145
Fax: 608-527-2062
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- A Sex Assault investigation that was originally reported to our Department on March 2023, resulted in the offender being charged in Green County Circuit Court for a total of seventeen (17) different criminal charges.

Training Attended:

- On 04-18-23, Chief Sturdevant attended an all-day School Threat Assessment and Mass Casualty Threat Assessment Training sponsored by the United States Secret Service in Madison at the American Family Insurance Complex.
- Firearms Training-The entire department attended a monthly 3-hour firearms and room clearing training that was held at the Blackhawk Technical College campus in Janesville.
- Officer Krohn attended a Severe Weather and Tornado Spotters training that was held at the New Glarus Fire Department sponsored by the National Weather Service. Now the entire department is trained.

Grants:

- I will be discussing some grants that I have completed and received reference purchasing of equipment for the Police Department. The equipment includes:
 - Toughbook 55 Computer for new squad and all equipment for using computer in the new squad car (power supply, docking station, mounts and printer).
 - FirstNet cradle point router
 - Three (3) New digital photograph cameras
 - Two (2) Kustom Eagle III Radar Units for squads

Total Received on Grants: \$13,800.00

Hiring Process:

- I will be giving an update at the meeting reference the current hiring process for the two (2) open full-time positions.



Village of New Glarus

319 Second Street

PO Box 399

New Glarus WI 53574

(608)527-2510

www.newglarusvillage.com

[DRAFT] SPECIAL EVENTS PERMIT #23-SE-04 TEMPORARY CLASS "B" LICENSE # 23-T -4

ISSUED TO: New Glarus Chamber of Commerce
Rebekah Stauffacher

EVENT: **New Glarus Blues, Brews & Food Trucks 2023**

DATES/TIMES: Saturday, June 24th, 2023
Set-up begins 8:00 a.m., Friday June 23, 2023 through Tuesday, June 27, 2023 tear down

LOCATIONS/USES OF PUBLIC FACILITIES:

1. Closure of 3rd Avenue between Railroad St and 2nd Street
2. Closure of 4rd Avenue between Railroad Street and 2nd Street
3. Village Park

STREET CLOSURES/NO PARKING:

1. Closure of 3rd Avenue between Railroad Street and 2nd Street [Saturday, June 24th from 8 a.m. through 8 a.m. Sunday June 25th]
2. Closure of 4rd Avenue between Railroad Street and 2nd Street [Friday, June 23rd 8 a.m. through Tuesday, June 27th 4 p.m.]
3. Regular parking stalls changed to musician unloading zone and handicapped parking only – 2nd Street between 3rd Avenue and 4th Avenue, Saturday, June 24th 8 a.m. – 11:59 p.m.
4. Three parking stalls at southeast corner of Village Park along Railroad Street –for dumpster, June 20th through June 29th (dependent on delivery schedule)
5. 12 parking stalls at northwest corner of Village Park along 3rd Avenue for bathrooms, Friday June 23rd 8 a.m. - Monday, June 26th 5 p.m.

There shall be NO PARKING of any vehicles within the permitted/designated road closed festival area once the event begins. This includes, volunteers, band members, vendors [with the exception of food trucks], sound people, etc. Travel to and from the vendor booths and stage area is permitted for loading and unloading of equipment, supplies, etc., prior to the event starting. After initial set up, all vehicles shall be removed from the festival area. Officers will be available to assist during band change outs accessing the back-stage area. Any violators will be ticketed and may be towed. All groups/personnel requiring vehicle access to the fest area shall be advised of this by the event promoter.

VILLAGE PARK: Event includes the exclusive use of Village Park, specifically the gazebo and grass on the west half of the park with setup on Friday, June 23, 2022 starting at 8 a.m. and the event on Saturday, June 24th from 10 a.m. to 8 p.m. Any damage to grass in the park shall be repaired/paid for by the Chamber of Commerce. **No dogs** are allowed in Village Park and this should be disseminated to and followed by event participants. Open intoxicants are allowed in Village Park.

ALCOHOL: Open intoxicants will be allowed (plastic cups only) on Saturday, June 24th from 11 a.m. to 11:59 p.m. inside a rectangle where the outside streets are 3rd Avenue, 2nd Street, 7th Avenue, and Railroad Street

NOTE: Chamber must post the perimeter with open intoxicants boundary signs (No Alcohol Beyond this Point).

TENTS: A 40' by 120' tent to be placed in 4th Avenue between 2nd Street and Railroad Street on Friday, June 23rd 8 a.m. to Tuesday, June 27th 4 p.m. to be secured with cement barriers and stakes. (10) 10x10's in Village Park grass and (10) 10x10's placed in 4th Avenue between 2nd Street and Railroad Street Saturday, June 24th 8 a.m. - 10 p.m. **(No in ground anchors in the street)**

****** In case of storms, tent backup plan is to have only a single 120'x60' tent in 4th Avenue between Railroad St and 2nd street. To be set up 8 a.m. Friday, June 23rd - 4 p.m. Tuesday, June 27th. Sponsor will notify Village if this change is to take place.

DUMPSTERS: Dumpsters will be placed at southeast corner of Village Park, in reserved parking stalls

RESTROOMS: Number of restrooms shall be in conformance to FEMA specifications for the number of event attendees. Indoor facilities shall be available at Chamber of Commerce, 418 Railroad Street. Outdoor facilities shall include:

- 15 regular bathrooms and 1 handicap facility, 3 sinks in parking stalls along northwest corner of Village park

AMPLIFICATION: Permit holder shall be permitted use of loud speakers/amplification devices to be used in Village Park for live bands on Saturday, June 24th 10 a.m. to 8 p.m. Any disassembly, taking down of equipment and clean up shall be completed without creating any noise for the neighborhood residents.

SAFETY/SECURITY: The permit holder shall have on file and current Emergency Action Plan for Police, Fire and EMS. This finalized updated plan shall be filed with the Village and all emergency agencies no later than fourteen (14) days prior to the event. The event anticipates attendance of 1,500 attendees.

The permit holder shall provide and pay uniformed New Glarus Police Officers as follows:

- (2) Uniformed New Glarus Police Officers working festival grounds and immediate grounds area. This shall be in effect on Saturday, June 24th one (1) Officer from 12 p.m. (noon) until 9 p.m. and a second Officer from 3 p.m. to 9 p.m.
- Estimated Cost per officer, is **\$45 per hour** per officer.

Due to the crowd size or other unforeseen matters, these hours may be extended or changed with verbal notification to the Chamber by the Chief of Police.

SPECIAL PROVISIONS FOR TEMPORARY CLASS "B" LICENSE:

1. Temporary Class "B" Fermented Malt Beverage issued for the serving of intoxicating beverages on June 24th between 11 a.m. to 8 p.m. located on 4th Avenue, 3rd Avenue, and Village Park (between Railroad and 2nd Street). **NOTE: The temporary alcohol license must be posted at booth.**
2. Permit holder has provided to the Village a schedule of licensed operators who will be serving alcohol at the stand. **NOTE: A licensed operator must be present at all times and all operator licenses must be posted at booth, Bekah Stauffacher and Annie O'Connor**
3. As part of the Temporary Alcohol License, a signed Release of Liability Form is on file with the Village.

INSURANCE: Required insurance is on file with the Village Clerk's Office.

MISC: Any work performed by Village staff outside normal working hours will be billed to the permit holder.

This event will be held only if it complies with all recommendations of the State of Wisconsin, State Health and Human Services Department, and the Green County Health department regarding large gatherings and events at the time the event is scheduled to take place. The Village reserves the right to revoke this permit if its occurrence presents a public health risk.

PERMIT ISSUED:

BY: _____
Lauren Freeman, Administrator

Jeff Sturdevant
Chief of Police
sturdevant@newglaruspolice.com



Office: 608-527-2145
Fax: 608-527-2062
info@newglaruspolice.com

"America's Little Switzerland"

Village of New Glarus
Application for Special Event, Permit Addendum

New Glarus Chamber "Blues Brews and Food Trucks"
Sponsored by the New Glarus Chamber of Commerce
Dates: June 24, 2023

New Glarus Police Department Special Restrictions Addendum

- A) For the New Glarus Blues, Brews and Food Truck on June 24th, the sponsor shall provide and pay for Two (2) uniformed New Glarus Police Officers* working the festival grounds and immediate grounds area. This shall be in effect for 1 Officer from 12PM (noon) until 9 PM. Then a 2nd Officer from 3PM to 9PM.
- B) The chamber shall post their Open intoxicants boundary signs around the perimeter of the specified area.
- C) All music, equipment and other noise shall stop at 8:00 PM. Any disassembly, taking down of equipment and clean up shall be completed without creating any noise for the neighborhood residents.
- D) Shall have on file a current Emergency Action Plan for Police, Fire and EMS. This finalized updated plan shall be filed with the village and all emergency agencies, no later than 14 days prior to the events.
- E) There shall be NO PARKING of any vehicles within the permitted/designated road closed festival area once the event begins. This includes volunteers, band members, vendors, sound people, etc. Travel to and from the vendor booths and stage area is permitted for loading and unloading of equipment, supplies, etc., prior to the event starting.
- F) After initial set up, all vehicles (excluding food trucks) shall be removed from the festival area. Officers will be available to assist during band change outs accessing the backstage area. Any violators will be ticketed and may be towed. All groups/personnel requiring vehicle access to the fest area shall be advised of this by the event promoter.

Note: Due to crowd size or other unforeseen matters, these hours may be extended or changed with verbal notification to the Chamber by the Chief of Police.

* The cost per officer, per hour at this time is not set but will increase from last year's rate of \$45.00 per hour.

Application for Temporary Class "B" / "Class B" Retailer's License

See Additional Information on reverse side. Contact the municipal clerk if you have questions.

FEE \$ 10.00

Application Date: 03/30/2023

Town Village City of New Glarus

County of Green

The named organization applies for: (check appropriate box(es).)

A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats.

A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stats.

at the premises described below during a special event beginning 06/24/2023 and ending 06/24/2023 and agrees to comply with all laws, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

1. Organization (check appropriate box) →

Bona fide Club

Church

Lodge/Society

Veteran's Organization

Fair Association or Agricultural Society

Chamber of Commerce or similar Civic or Trade Organization organized under ch. 181, Wis. Stats.

(a) Name New Glarus Chamber of Commerce

(b) Address PO Box 713, 418 Railroad Street, New Glarus WI 53574

(Street)

Town

Village

City

(c) Date organized 08/01/1985

(d) If corporation, give date of incorporation 09/03/1985

(e) If the named organization is not required to hold a Wisconsin seller's permit pursuant to s. 77.54 (7m), Wis. Stats., check this box:

(f) Names and addresses of all officers:

President Ally Sayre, 606 Railroad Street, New Glarus WI 53574

Vice President Tory Hutchison, 600 1st Street, New Glarus WI 53574

Secretary Beth Zurbuchen, 507 Durst Road, New Glarus WI 53574

Treasurer Jon Heller, 1101 HWY 69, New Glarus WI 53574

(g) Name and address of manager or person in charge of affair: Bekah Stauffacher

418 Railroad Street, New Glarus WI 53574

2. Location of Premises Where Beer and/or Wine Will Be Sold, Served, Consumed, or Stored, and Areas Where Alcohol Beverage Records Will be Stored:

(a) Street number 0 through 100 blocks of 4th Avenue, 0 through 100 blocks of 3rd Avenue, and Village Park. Beer served from 11 AM - 8 PM, 6.24.23

(b) Lot _____ Block _____

(c) Do premises occupy all or part of building? outdoor event on street and in park

(d) If part of building, describe fully all premises covered under this application, which floor or floors, or room or rooms, license is to cover: _____

3. Name of Event

(a) List name of the event Blues, Brews & Food Trucks

(b) Dates of event 06/24/2023

DECLARATION

An officer of the organization, declares under penalties of law that the information provided in this application is true and correct to the best of his/her knowledge and belief. Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

Officer Alexandra Jaeger 4.12.23
(Signature / Date)

New Glarus Chamber of Commerce
(Name of Organization)

Date Filed with Clerk 4-12-23

AWPS 5.8.23
Date Reported to Council or Board 5.16.23

Date Granted by Council _____

License No. 23-T-4

Alcohol Servers: Bekah & Annie



Strand Associates, Inc.®
910 West Wingra Drive
Madison, WI 53715
(P) 608.251.4843
www.strand.com

April 12, 2023

Ms. Lauren Freeman
Village of New Glarus
319 2nd Street
New Glarus, WI 53574

Re: Statement of Qualifications – Water Storage Reservoir

Dear Ms. Freeman:

Thank you for the opportunity to provide this Statement of Qualifications (SOQ) to the Village of New Glarus related to the new water storage reservoir project. We have a long history of successful water storage projects, including new construction, demolition, rehabilitation, and repainting of water storage facilities. This SOQ presents our understanding, approach, and proposed scope of services for this project.

Project Understanding

We understand the Village would like to construct a ground-level water storage reservoir east of the existing water distribution system at an elevation that will allow the reservoir to sustain adequate pressures in the distribution system. The reservoir will have a volume of 300,000 gallons and the project will include water main along the County Road W corridor to connect to the distribution system.

The following will be important factors in making this a successful project. We will discuss these and other items with the Village at the project kickoff meeting and during design.

- There are a variety of options for construction materials and reservoir layout, including welded steel, bolted steel, cast-in-place concrete, and prestressed wire-wound concrete. We will assist the Village in selecting construction materials that provide a cost-effective, long-lasting structure.
- Water main routing and materials selections will impact construction costs and the timeline. We will discuss these options and the Village's preferences during design.

We have extensive experience dealing with water storage facility construction and protective coating systems on steel tanks. Our approach, described in detail below, includes a scope of services that provides the necessary effort to complete all phases of this project successfully.

Approach and Scope of Services

We will use information obtained during preliminary design, including frequent interaction with Village staff, and our knowledge of the required work to develop draft project drawings and bid documents for the Village's review and comment. We will assist the Village in obtaining geotechnical borings to determine suitability of soils at the reservoir site and along the water main route. We will then prepare and submit final draft design documents for Village review and prepare updated construction cost opinions. Documents will be submitted to the Wisconsin Department of Natural Resources (WNDR) for construction permit review.

Clear and concise bid documents reduce confusion during the bidding process and generally result in better pricing by reducing uncertainties and minimizing perceived risk to contractors. Specifications and drawings will be prepared to clearly define the work and provide a bid format that promotes transparency in pricing for each work item.

Ms. Lauren Freeman
Village of New Glarus
Page 2
April 12, 2023

Whether the reservoir and water main are bid as one construction contract or two, the drawings and specifications will, at a minimum, clearly define the following work:

- Reservoir site clearing and grading
- Reservoir construction and site piping
- Reservoir details, including access ladders, hatches, drain and overflow piping, and electrical equipment
- Access drive layout and fencing, if desired
- Water main routing with plan and profile drawings

Upon completion of design, complete bid documents will be prepared and the project will be publicly advertised for distribution to contractors. We intend to advertise the project electronically on QuestCDN.com. We will respond to contractor inquiries during the advertisement phase and will tabulate the results from the bids and provide a written summary of the results with recommendations.

We propose the following design and bidding-related services:

- Kickoff meeting with Village staff to confirm project objectives, timelines, and metrics for project success
- Prepare bid documents, including specifications and drawings
- Submit documents to the WDNR and respond to any review comments
- Provide updated opinion of probable cost
- Provide bid support services, including using QuestCDN to electronically advertise the project, respond to bidder's questions, prepare addendum, coordinate electronic bidding, analyze and prepare recommendations based on bid results, and assist in the award of the construction contract

Following award of the contract by the Village, we will prepare the required number of construction agreements for signature by the contractor and the Village. We will review bonds and insurance documents returned with the signed construction agreement. We will lead preconstruction and pre-painting meetings and provide minutes from each meeting. The contractor's construction schedule, schedule of values, and list of material suppliers and subcontractors will be reviewed at the preconstruction conference. A list of anticipated shop drawings will also be provided at the preconstruction meeting. We will review and approve shop drawings, change orders, and payment applications provided by the contractor. We will address requests for information (RFI) received from the contractor and Village. We will review the schedule provided by the contractor and will monitor the progress of the contractor daily. We will provide Village staff with weekly updates based on construction activity.

We will conduct periodic site visits focused on critical construction activities, including foundation work, reservoir construction, and water main installation.

A list of items to be completed or corrected will be provided, together with substantial and final completion documentation. A final observation of the work will be completed, with the Village and contractor in attendance, prior to making final payment to the contractor.

The following construction-related services are included:

- Organize and conduct preconstruction and pre-painting meetings and prepare meeting minutes
- Review shop drawings
- Review and respond to RFIs from the Village and contractor
- Review and comment on contract construction progress schedules
- Review and process payment requests
- Review and process change orders
- Review contractor-provided record drawings
- Conduct up to 16 periodic site visits to monitor the contractor's progress at the site
- Conduct two visits for final inspection services – the first visit will be used to prepare the punch list and tentative certificate of completion, and the second visit will verify that the contractor has made the necessary repairs and modifications, and includes final disinfection and start-up

Ms. Lauren Freeman
 Village of New Glarus
 Page 3
 April 12, 2023

- Assist Village with processing project closeout items, including final acceptance, final payment application, consent of surety, and warranty documents

We typically provide a warranty inspection for tank repaint projects. Prior to the 1-year standard warranty expiration, we will visit the site and provide a detailed inspection of the site and interior and exterior of the tank. Following the inspection, we will discuss our findings with the Village and prepare a letter documenting any deficiencies requiring contractor action.

The following warranty services are included:

- Provide warranty inspection of the site and interior and exterior portions of the tanks
- Prepare two copies of a warranty report documenting any deficiencies requiring contractor action

Qualifications

We have a broad range of experience in the design and construction of elevated tanks. The table below shows a partial list of new water storage tank projects completed across the Midwest over the last 20 years.

Municipality	State	Capacity	Tank Style	Year
Iowa American Water Company–Clinton, IA	IA	1,000,000	Composite Elevated Tank	2023
Iowa American Water Company–Blue Grass, IA	IA	200,000	Pedestal Elevated Tank	2023
Bristol, WI	WI	600,000	Pedestal Elevated Tank	2023
Merrill, WI	WI	300,000	Pedestal Elevated Tank	2022
Whitewater, WI	WI	750,000	Pedestal Elevated Tank	2022
Pleasant Prairie, WI	WI	750,000	Pedestal Elevated Tank	2019
Gurnee, IL	IL	2,000,000	Pedestal Elevated Tank with Composite and Fluted Column Alternatives	2019
Piqua, OH	OH	1,000,000	Composite Elevated Tank	2018
Appleton, WI	WI	1,000,000	Composite Elevated Tank	2015
Lindenhurst, IL	IL	1,000,000	Pre-stressed Concrete Ground Level Reservoir	2015
Winnebago, IL	IL	400,000	Pedestal Elevated Tank	2013
Town of Brookfield Sanitary District No. 4, WI	WI	300,000	Pedestal Elevated Tank	2012
Northbrook, IL	IL	1,000,000	Pedestal Elevated Tank	2011
Carroll County Water, KY	KY	300,000	Bolted Glass Lined Ground Storage	2010
Salem, WI	WI	300,000	Pedestal Elevated Tank	2010
Stoughton, WI	WI	600,000	Pedestal Elevated Tank	2010
Grand Chute, WI	WI	750,000	Pedestal Elevated Tank with Composite Alternative	2009
Lancaster, WI	WI	500,000	Pedestal Elevated Tank	2009
Channahon, IL	IL	500,000	Pedestal Elevated Tank	2008
Janesville, WI	WI	500,000	Pedestal Elevated Tank with Composite Alternate	2007
Mount Horeb, WI	WI	400,000	Pedestal Elevated Tank	2007
Patriot, IN	IN	250,000	Elevated Leg Tank Welded Steel Stand Pipe	2007
Patriot, IN	IN	280,000	Elevated Leg Tank Welded Steel Stand Pipe	2007

Ms. Lauren Freeman
 Village of New Glarus
 Page 4
 April 12, 2023

Municipality	State	Capacity	Tank Style	Year
Braidwood, IL	IL	500,000	Pedestal Elevated Tank	2006
Belvidere, IL	IL	500,000	Pedestal Elevated Tank	2005
Galena, IL	IL	500,000	Pedestal Elevated Tank	2005
Joliet, IL	IL	4,000,000	Steel Ground Level Reservoir	2005
Alliant Energy–Ripon, WI	WI	500,000	Pedestal Elevated Tank	2004
Madison, WI (Industrial Client)	WI	300,000	Ground-Level Reservoir	2004
Monee, IL	IL	500,000	Pedestal Elevated Tank	2004
Town of Algoma Sanitary District No. 1, WI	WI	400,000	Pedestal Elevated Tank	2004

Schedule

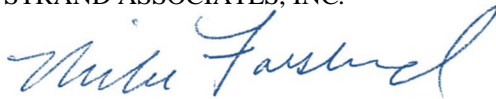
Design will begin upon execution of an engineering services agreement. We anticipate having the final draft plans, specifications, and bid documents prepared and submitted to the Village for final review in November 2023. Project documents will be submitted to the WDNR in November, with an estimated WDNR review time of 90 days. The project documents will be finalized and ready for advertisement in February 2024, followed by a 3-week bid period. Construction is anticipated to begin in April 2024, with completion in December 2024.

This letter is not to be considered an agreement between the Village and Strand Associates, Inc.®. If selected, we will prepare an agreement and submit to the Village for review and signature. Following the execution of this agreement, work on the project will begin.

If the Village has any questions, please call us at 608-251-4843.

Sincerely,

STRAND ASSOCIATES, INC.®



Michael J. Forslund, P.E.



Patrick J. Rank, P.E.

9901.971/MJF:mah



Statement of Qualifications 2024 Reservoir Construction



Creative Solutions for Your Community Since 1981

6264 Nesbitt Road
Madison, WI 53719
(608) 273-3350

10505 Corporate Drive
Suite 105A
Pleasant Prairie, WI 53158
(262) 925-3210

150 S. Anderson Street
Suite 3
Rhineland, WI 54501
(715) 420-0579

Company Profile

Town & Country Engineering was founded in 1981 to fill a gap left by larger consulting engineering firms by providing personalized service to municipalities, at a minimal cost, that meet or exceed the designs and analyses provided by larger, more expensive engineering firms.

Our company, with offices located in Madison, Rhinelander and Kenosha, is a multifaceted Municipal engineering firm that provides a wide range of services including general municipal engineering, wastewater and water supply design and GIS mapping. We are dedicated to providing quality service at the lowest possible overhead cost and have been proudly working with Wisconsin communities for over 40 years.

We focus our work on governmental bodies. **To avoid even the appearance of a conflict of interest, we do not work for developers or DOT.** Our work for most of our clients includes functioning as the municipal engineer for all street and utility infrastructure needs, review of plats, certified surveys and developments, and assistance in ordinance development.

We provide planning, design, and construction services for water supply, wastewater treatment, stormwater management, GIS, and municipal engineering projects. We are involved in SCADA design, facility operations, and biological evaluation for both water and wastewater systems.

A primary client contact is assigned to each community, with a designated principal responsible for oversight and overall client satisfaction. The work of the professional engineering staff, engineering technicians, and office administrative staff are supervised by the primary client contact. Town & Country Engineering has a staff that includes Wisconsin licensed professional engineers, staff engineers, engineering technicians, administrative staff, and part-time staff spread throughout our 3 offices in Madison, Rhinelander, and Kenosha.

Our Approach to Consulting Services

Town & Country Engineering, Inc. was formed with a unique philosophy of service. **We strive to become a part of the community by periodic meeting attendance and making ourselves readily available for questions and consultation.** We encourage our clients' officials and staff to reach out to us whenever questions arise. We feel that a relatively minor commitment of our time, at no charge, can often save much of our clients' time and expense.

We recognize that we are professional advisors only, and the ultimate decisions regarding projects belong with the staff and elected officials of our clients.

For services on projects which cannot be easily defined in advance, we suggest that hourly rates for our personnel be established for each project or for each calendar year, and that we charge the client for our services based upon the hours actually used. **We do not charge for preparing cost estimates for public works construction projects or assisting in the development of capital improvement plans.**

For specific projects we are agreeable to any of several forms of contracts, including hourly, hourly not-to-exceed, lump sum, and cost-plus fixed fee. Whatever the type of contract, we believe the client should know in advance what range of costs to expect. Therefore, on all projects, we provide an estimate of the cost of our services before we begin. Should additional engineering expenditures become necessary, we notify the client in advance to obtain the client's concurrence before proceeding with the extra work.



Project Team and Qualifications

Current and Projected Workload

Because our business is based on providing engineering services to municipalities, we do not experience the workload demand cycles that other firms may. This allows us to adequately match available staff with potential workload. We also work with our clients to prepare and update their capital improvement plans which allows us to have a fairly accurate idea of future workload. Providing a high level of service to our client communities is always a priority, and we are selective about potential new clients to ensure consistent quality. We have never missed a critical deadline for any of our projects. Our project team and our firm has the resources to complete this project within the Village's schedule.



MR. BRIAN BERQUIST, P.E. - PRESIDENT

Mr. Berquist is the President of Town & Country Engineering and will provide project engineering and QA/QC review. He works primarily with Municipal Engineering, Surveying, and GIS. Brian has over 20 years of experience working in a variety of stormwater and roadway design projects, as well as working as Village Engineer with multiple communities to secure grants, review developers plans and agreements, and providing general support to planning, building, and administrative departments. He works with a client from project inception through the completion of a project, to ensure continuity throughout. Brian recognizes that his role is to assist the community in making sound decisions for both the interim and future alike.



MR. NICK BUBOLZ, P.E. - PROJECT ENGINEER

Mr. Bubolz is a Project Engineer with Town & Country Engineering and will provide project engineering and drafting. He works primarily with Municipal Engineering projects. Nick has over 10 years experience working with communities on roadway design projects and utility reconstruction. He also works as Village Engineer with multiple communities reviewing developer plans, providing general support to staff, and providing project management on municipal projects.



MS. AMY BARES, P.E. - DRINKING WATER AND FUNDING LEAD

Ms. Bares is a Senior Project Engineer and partner at Town & Country Engineering and will provide project engineering and funding coordination. She works with both water/wastewater and municipal engineering projects with over 20 years of experience in the field. Amy serves as our technical lead for both drinking water and funding, supporting our engineers and client communities in these fields. Amy has experience in water system capacity evaluation and modeling, master planning, regulatory compliance assistance, and permitting and design for water system improvements, including siting and design for municipal wells and water storage. Amy has extensive experience in obtaining funding for infrastructure improvements, including low-interest loans and principal forgiveness from the DNR's Safe Drinking Water and Clean Water Fund programs and loans and grants from USDA Rural Development program.

Related Project Experience and References

Village of Deerfield - 650,000 Gallon Water Storage Reservoir and Connecting Water Main

The Village of Deerfield worked with Town & Country Engineering to construct a new 650,000 gallon water storage reservoir to replace an existing reservoir. The location and height of the tank was selected to increase static pressures throughout the Village and eliminate an existing booster station, with the tank sizing to provide adequate storage for fire protection and future growth.

Town & Country Engineering was responsible for design and construction oversight on the reservoir, water main connection, and access road, as well as permitting and coordination with DNR and PSC. Several types of ground reservoirs were evaluated based on life cycle costs, including capital cost, maintenance/painting requirements, and resistance to corrosion. Two reservoir types were included in the bid documents, glass-lined bolted steel and bolted stainless steel, and the Village selected a glass-lined bolted steel tank with aluminum dome cover for construction. The tank was designed with an integral valve vault, reinforced concrete slab floor, recirculation pump and piping, and standard appurtenances for venting and access.

Contact: Nate Paoli, Director of Public Works, (608) 764-5497



Related Project Experience and References

Village of Tennyson - 150,000 Gallon Water Tower and Connecting Water Main

The Village of Tennyson worked with Town & Country Engineering to replace their existing stand pipe with a new 150,000 gallon elevated spheroid tank to address long-standing problems with static pressures in high elevation areas and fire flow deficiencies.

Town & Country Engineering was responsible for the design of the water tower, including water main connections to the existing distribution system and integration into the Village's SCADA system. We facilitated the Village's selection and purchase of the new tower site based on elevations, available land locations, and geotechnical investigations. Appurtenances for the tower included a water recirculation system, pipe insulation, access ladders, hatchways, lights, railings, intermediate platforms, and conduit and wiring provisions for future cellular/communications equipment. A small interior building was constructed around the inlet pipe, recirculation pump and pressure panel to reduce the footprint of heated space in the tower base.

Town and Country oversaw the construction, from site grading and excavation for the foundation to construction of the tower, with painting inspection provided by a third party. We also coordinated funding for the project through USDA Rural Development and approval from DNR and PSC for construction.

Contacts: Ben Reynolds, Director of Public Works, (414) 510-5412 / Keith Jantzen, Village President, (608) 763-2912





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(715) 420-0579

www.tcengineers.net

MEMORANDUM

Date: May 2, 2023

To: Ms. Lauren Freeman, Administrator
Village of New Glarus
319 2nd Street, P.O. Box 399
New Glarus WI 53574

From: Brian Berquist, P.E.

Subject: Water Reservoir Construction Type Discussion

The intent of this memorandum is to review recent meetings, discussions and decisions related to the construction style of a proposed second reservoir for the Village's drinking water system.

The attached worksheet outlines three of the most commonly utilized methods for constructing a tank of this size in southern Wisconsin (welded steel, bolted steel and pre-stressed concrete). After initial discussions with contractors and suppliers, preliminary cost estimates were created, as shown in the attachment. It was observed that all of the construction types result in very similar estimated construction costs of roughly \$2.3 million. Follow-up discussions with Village staff confirmed no particular preference for the operational features of each, which left long-term maintenance as the most significant difference between the tanks.

Bolted steel was attractive because there is no need to regularly paint the outside. Discussions with other communities with this type of tank revealed some concern that future repairs might prove difficult given the potential of a large number of bolts involved.

Welded steel (the type in place at Reservoir No. 1 in the Village) has provided good service for many years. However, painting on both the inside and outside to protect the steel for longer life is required approximately every 20 to 30 years.

Pre-stressed concrete has become more popular as construction technology evolves, because it does not require any paint. Architectural features such as faux columns and painted designs can be incorporated on the outside of the tank as the Village desires.

The proposed location of Reservoir No. 2, on the eastern ridge of the valley, may require some excavation to keep the tank at the proper elevation. This would prove difficult for either bolted steel or welded steel, as those materials perform poorly underground. Pre-stressed concrete has the ability to be constructed and partially buried underground if necessary to achieve the desired elevations.

For these reasons, staff has selected pre-stressed concrete as the preferred tank type. We will pursue this option when composing the design documents to be used for permitting and bidding the project over the next six to nine months.

Please let us know if you would like us to present this material at an upcoming committee or board meeting.

cc: Mr. Joe Cockroft, Public Works Director, Village of New Glarus (319 2nd Street, P.O. Box 399, New Glarus WI 53574)

BRB:sai

J:\JOB#S\New Glarus\NG-51-M9 Reservoir Preliminary Engineering\Admin\Water Reservoir Construction Type Discussion Memo.docx

TOWN & COUNTRY ENGINEERING, INC.

Madison ♦ Rhinelander ♦ Kenosha
6264 Nesbitt Road • Madison, WI 53719 • (608) 273-3350 • tce@tcengineers.net

VILLAGE OF NEW GLARUS - WATER STORAGE TANK ALTERNATIVES

TANK CAPACITY: 300,000 GALLONS

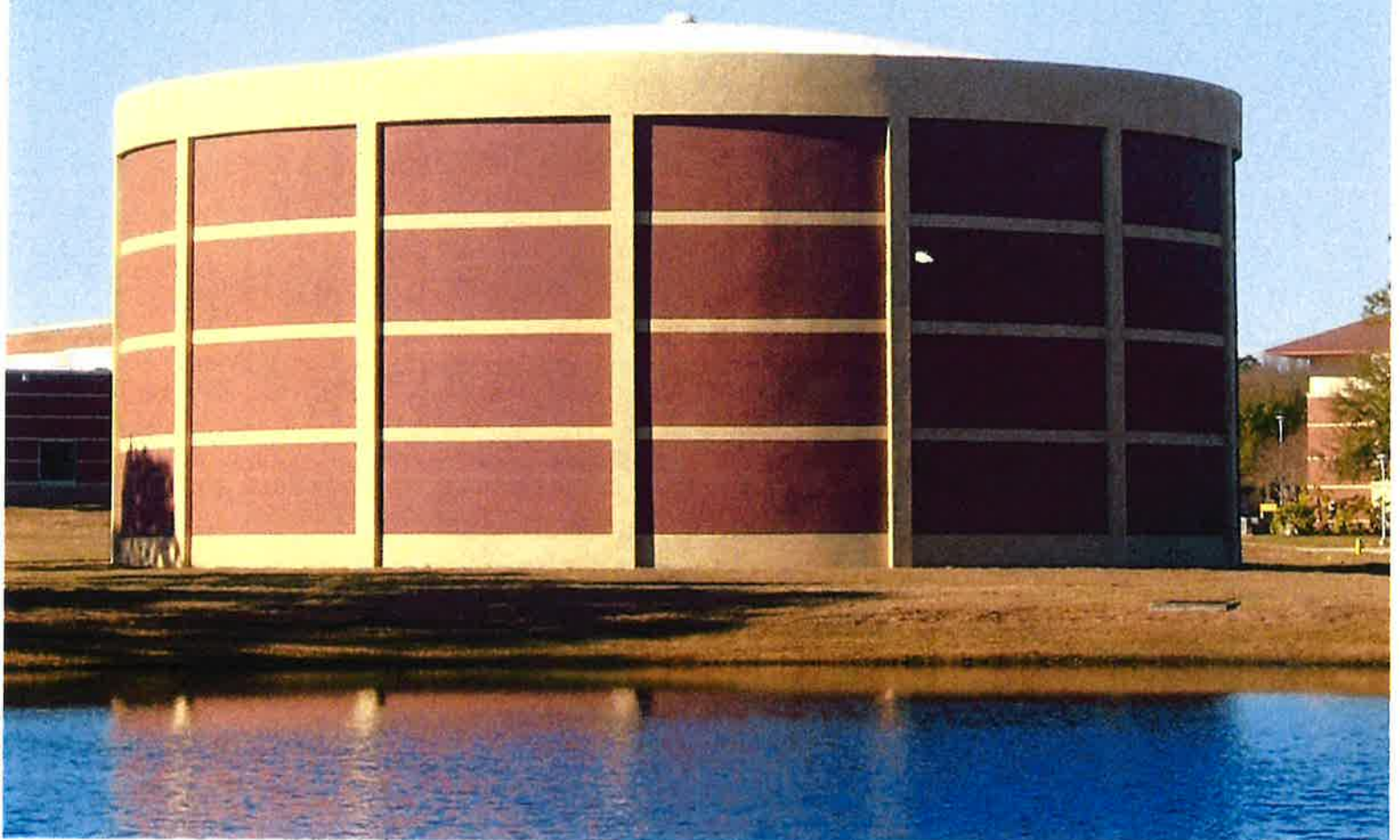
March 2023

		Glass-Coated, Bolted Steel Tank, Aluminum Cover	Welded Steel, Epoxy Coated, Steel Roof	Prestressed Concrete, Flat or Dome Conc Roof
<i>Manufacturer</i>		CST Aquastore	CB&I/McDermott	DN Tanks
<i>Dimensions & Capacity</i>		44.76' diameter x 28.43' high	41' diameter x 32' high	41.33' x 30' SWD
General Site Work		\$64,500	\$64,500	\$64,500
Excavation		\$46,700	\$46,700	\$46,700
Structural Fill		\$46,700	\$46,700	\$46,700
Foundation and Floor Slab		\$77,900	Included in Tank Price - standard shallow foundation	Included in Tank Price - standard shallow foundation
Tank		\$553,000	\$765,000	\$725,000
Tank Cover		Included in Tank Price - Geodesic Dome	Included in Tank Price - Steel Cone	Included in Tank Price - Concrete Dome
Ladders, Manways & Hatches		Included in Tank Price	Included in Tank Price	Included in Tank Price
Valve Manhole, Piping & Valves		\$67,000	\$67,000	\$67,000
Access Roadway		\$22,400	\$22,400	\$22,400
Mixing System		\$40,000	\$40,000	\$40,000
Cathodic Protection		\$20,000	\$20,000	Not Needed
Electrical and Controls		\$137,600	\$137,600	\$137,600
Electrical Service		\$25,000	\$25,000	\$25,000
Additional Contractor Costs	15%	\$165,100	\$185,200.00	\$176,200
Connecting Main		\$373,000	\$373,000.00	\$373,000
CONSTRUCTION SUBTOTAL		\$1,638,900	\$1,793,100	\$1,724,100
Contingency	15%	\$245,800	\$269,000	\$258,600
Engineering, Admin, Legal	13%	\$213,100	\$233,100	\$224,100
Construction Observation	4%	\$65,600	\$71,700	\$69,000
TOTAL		\$2,163,400	\$2,366,900	\$2,275,800
ADVANTAGES:		- Lower maintenance requirements (no painting) - Glass coating fused to steel resists corrosion, with cathodic protection - Faster/modular construction	- Variety of color choices, can include lettering, logos, graphics (cost does not include lettering/logos)	- Lower maintenance requirements (no interior painting, exterior is painted concrete) - Designed for ice formation (may not need mixing) - Cathodic protection not needed
DISADVANTAGES:		- Possible corrosion problems if glass coating is chipped, cracked, or damaged - Cannot repair coating without consulting manufacturer - Only 5 standard color choices - panels are epoxy coated in factory	- Requires routine maintenance, recoating of interior and exterior every 15-20 years	- Exterior will require routine cleaning and possible repainting



AWWA D110

ARCHITECTURAL TREATMENTS



DURABILITY FOR GENERATIONS TO COME

For more than 90 years, DN Tanks has constructed liquid storage tanks to provide you with a reliable water source when you want it, and more importantly, when you need it. It is not just our passion; it's our legacy.

We are a solutions-focused company and back our tanks with employees who are committed from inception through construction and beyond to give you the best solution for your system.

When considering your community's potable water source, fire suppression system, thermal energy storage, wastewater and recycled water containment and all your system storage needs, think of DN Tanks.

5

Civic Pride and Local Branding

6

Customized Architectural Enhancements

8

Creative Siting and Multi-Use Facilities





Key Attributes of a DN Tanks AWWA D110 Prestressed Concrete Tank

- Tank Capacities — from 40,000 gallons to 50 million gallons (MG) and more.
- Custom Dimensions — water heights from 8' to over 100' and diameters from 25' to over 500'.
- Siting Options — at grade, partially buried, differentially back-filled (hillsides), fully buried (with multi-use capabilities).
- Seismic Resilience — designed with an anchored flexible base for enhanced ductility and seismic performance.
- Durability — regardless of weather extremes, proven reliability through extreme fire and freeze thaw events.
- Prestressed Wall Compression — provides longevity, durability and liquid tightness.
- Reinvesting in the Local Economy — use of materials, labor and equipment from within the community.



ON THE COVER AND THIS PAGE: Orlando, FL, 3.0 MG Thermal Energy Storage (TES) chilled water tank for the University of Central Florida. Exterior Insulating Finishing System (EIFS) of horizontal bands, vertical columns, and simulated brick veneer creates aesthetic appeal while enhancing the insulating properties of the tank.

For more than 90 years, DN Tanks

has constructed liquid storage tanks to provide you with a reliable water source when you want it, and more importantly, when you need it. It is not just our passion: it's our legacy.

Our singular mission — one that drives the quality of our work inside and out — is simply this: Make every tank we build a source of pride. For us and for you, our customer.

The structural integrity provided by DN Tanks is second to none. With negligible maintenance requirements, total cost of ownership is lowest over decades of continuous service. And whether you choose to brand it for the world to see, or bury it as an ideal foundation for a recreational park or green space, every tank we build is an opportunity to make a powerful statement.

TOP: Woodstock, IL, 1.5 MG water storage tank. Brick pilasters and a masonry block wall encasement add definition and architectural interest.

BOTTOM: Laguna Beach, CA, 2.0 MG water storage tank. Total bury of this tank allows addition of community tennis courts and an adjacent pool.



CIVIC PRIDE AND LOCAL BRANDING

Declare your allegiance. Show your pride.

DN Tanks provides the perfect opportunity for making powerful, lasting statements about an organization, a community, even a corporate brand. We can transfer almost any image to the exterior surface, bringing it to life with tough, durable materials that withstand the elements.



RIGHT: Brentwood, CA, 4.0 MG water storage tank. The architectural rock facade make this partially buried tank look as if it's been a natural part of the topography since the Ice Age!

Branding

Using our tanks to display a logo, school mascot, or community motto is a powerful way to reinforce loyalty, spirit, and civic pride. We can recreate graphics and images in many styles and colors.



ABOVE: Altoona, PA, 5.7 MG water storage tank. The brick face facade replicates the locally historic railroad roadhouses. The treatment links the tank to Altoona's past, reminding passersby that the City's original reservoirs were constructed by the Pennsylvania Railroad.

Customized Treatments and Landmarks

Pay homage to history, honor a local hero, or simply show your community's creative side. We can help transform your tank into a true work of art, or create a local landmark.



ABOVE: Laconia, NH, 500,000 gallon water storage tank. A landmark is created for a major development overlooking New Hampshire's Lake Winnepesaukee by transforming the water storage tank into a lighthouse.

CUSTOMIZED ARCHITECTURAL ENHANCEMENTS

Get noticed for the right reasons.

Adding architectural elements to a tank tells the world that you have an appreciation for the visual impact on your community and a priority to make it aesthetically pleasing. The stucco-like finished exterior of our tanks is the ideal canvas for a wide range of architectural enhancements. Not only do its natural color and earthy texture blend well with any environment and streetscape, they provide contrast for a number of finishing options.

FACADES

Simulated brickwork and other architectural elements let us design facades that add elegance and eye appeal to the tank. We can even complement the architectural style and period of nearby buildings and structures.

PILASTERS

Creating vertical columns from simulated brick or contrasting concrete visually reduces the mass of the tanks while bringing an appealing, classical symmetry to the exterior.

LANDSCAPING & HARDSCAPING

Professionally designed landscaping and hardscaping help create a more inviting look while softening the transition from the tanks to their immediate surroundings.

LIGHTING

Often necessary for security, a well-designed lighting scheme can be beautiful as well as functional. In addition to customized colors and effects, we also offer 'green' lighting choices that are environmentally friendly. Solar panels on tank roofs provide power for lighting and other system requirements.



ABOVE: DePere, WI, 3.0 MG water storage tank. Fluted, concrete pilasters effectively break up the exterior appearance to help this tank blend with local surroundings.



ABOVE: Vestal, NY, 1.0 MG water storage tank. Simulated EIFS arches combined with brick pilasters give this tank a stately appearance while the lighting provides both security and elegance.



Functional and Attractive

The raised arched wall treatment and integral pilasters over the natura shotcrete covercoat of this 1.0 MG water storage tank in Amboy, IL create a three-dimensional surface that adds depth and interest. Composed of Exterior Insulating Finishing System (EIFS), the architectural enhancements helped build local acceptance.



A Commanding Presence

It's hard to imagine a more impactful surface for displaying the Air Force logo than the EIFS exterior of an 800,000 gallon Thermal Energy Storage chilled water tank. Located at the entrance to Lackland Air Force Base in San Antonio, TX, the tank has become an iconic, local landmark.

Local Involvement

When it came time to create a design for this 5.0 MG differentially buried Water Storage Tank, the Town of Decatur, IL held a design contest. A local design student used the tank as a canvas for this chosen design of a natural landscape for birds, fish and water moving around the tank. This tank is now a local landmark and a source of local pride.



CREATIVE SITING AND MULTI-USE FACILITIES

A welcome addition to the community.

"That's a water tank?!" With practiced imagination and our engineering expertise, DN Tanks will transform your water storage project from a civic planning challenge into a neighborhood amenity that enhances local quality of life. Tanks can be constructed above grade, with partially buried or fully buried siting. We can design the structure's roof to accommodate everything from open green space to recreational facilities, or even a small lake. Our team will work closely with the owner and engineer to assist with all aspects of project planning including site concepts, presentations to local planning authorities, and preliminary construction scheduling. No matter how the site is treated, you can be assured that the result will be aesthetically pleasing, environmentally sensitive, and an imaginative example of cooperation and ingenuity.



UPPER LEFT: Sherwood, OR, 4.0 MG water storage tank. The roof slab of this buried tank blends seamlessly with the surrounding recreational park and does double duty as a municipal tennis court. **UPPER RIGHT:** Los Angeles, CA, 10.0 MG water storage tank. With a local priority to retain the original body of water, the tank was constructed below grade. Then the site was restored, including the beautiful lake above. **LOWER RIGHT:** El Segundo, CA, Two 5.0 MG water re-use storage tanks. Solar panels are added to the tank roof slabs to generate power for the site. **LOWER LEFT:** Overland Park, KS, 600,000 Thermal Energy Storage tank. The dome roof of this TES tank at Johnson County Community College was transformed into a popular gathering spot at the heart of campus life.

A Community Oasis

An aerial view reveals the outlines of two buried tanks in Santa Margarita, CA: a 900,000 gallon water re-use facility (recycled water) and a 5.0 MG potable water tank. The parkland and playground give local residents a convenient opportunity to spend time outdoors and get to know their neighbors.





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DN Tanks has 10 regional offices and 3 operations facilities located in Greater Boston, MA • Dallas, TX • San Diego, CA

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GENERATIONS STRONG



Tigard, OR, 3.0 MG water storage tank. Residents of nearby homes welcomed the creative siting and artistic landscaping of this fully buried tank. With time, the shrubbery and trees will fill in, creating a natural and permanent open space for all to enjoy.



Shakopee, MN



Belle Plaine, MN



Rogers, MN



Rochester, MN



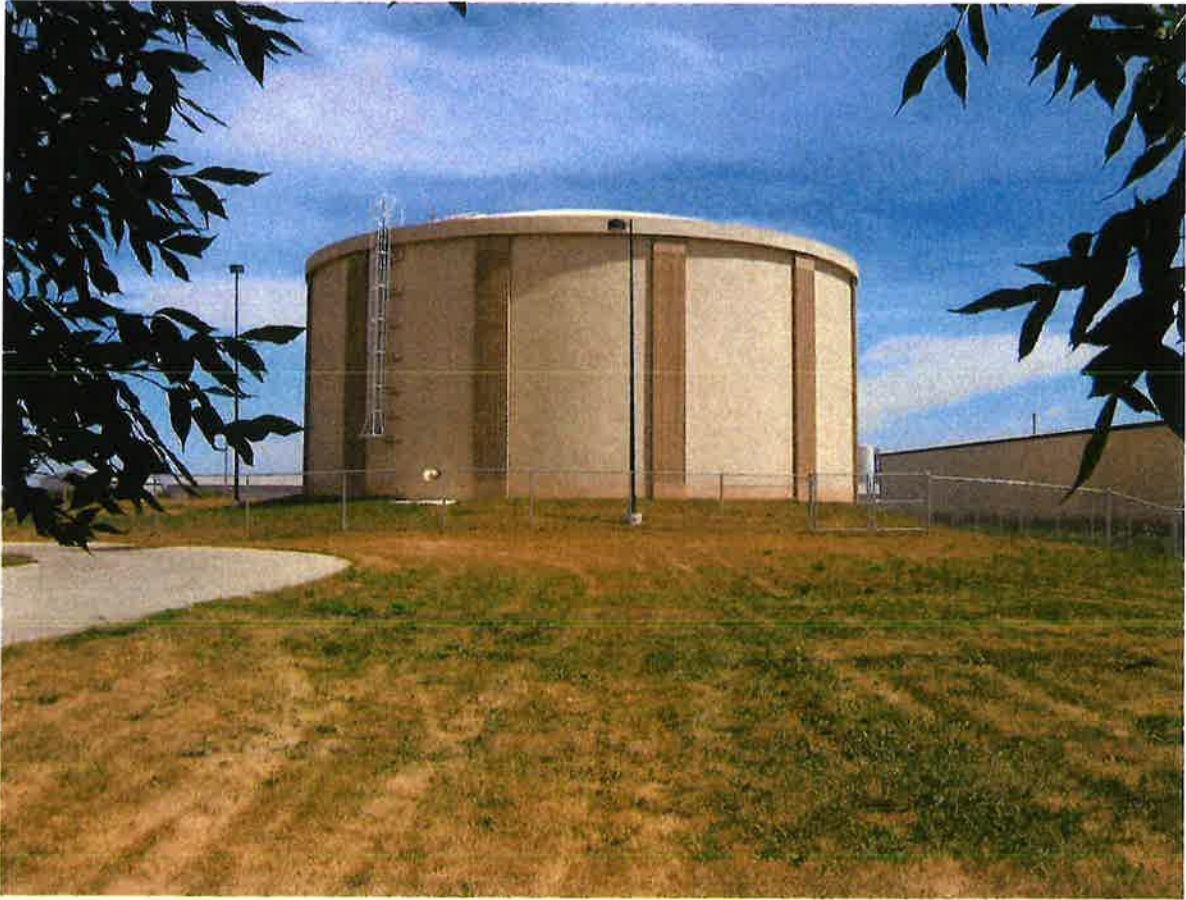
Tinley Park, IL



Clintonville, WI



Fairbault, MN



DePere, WI