

**CITY COUNCIL**  
**121 N CHURCH STREET, HUDSON, MI**  
**REGULAR MEETING**  
**August 6, 2024 at 7:00 P.M.**  
**A G E N D A**

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. PLEDGE OF ALLEGIANCE**
- IV. ORDERS OF THE DAY**
  - A. Excuse Absent Members(s)
  - B. Setting the Agenda
  - C. Approval of Minutes of July 16, 2024
- V. PUBLIC COMMENT**
- VI. NEW BUSINESS**
  - A. Approve: 1<sup>st</sup> Reading – Ordinance 404-24 Solar Energy Systems
  - B. Approve: Positive Electric - Lift Stations Upgrade
  - C. Approve: Well #1 Pump Replacement
  - D. Approve: Purchase Smartpoint Auto Reads
  - E. Approve: Bead Blast and Painting of the Iron Filter
- VII. UNFINISHED BUSINESS**
  - A. Bills
  - B. Account Balances and Check Register
- VIII. MINUTES FROM OTHER BOARDS AND COMMISSIONS**
  - A. Planning Commission dated July 22, 2024
  - B. Recreation Advisory Board dated July 29, 2024
- IX. CITY MANAGER'S REPORT**
- X. COUNCIL COMMENTS**
- XI. ADJOURNMENT**

**Jeaniene McClellan, City Clerk**

\*\* MINUTES FOR THIS MEETING WILL BE AVAILABLE AT HUDSON CITY OFFICE \*\*  
\*\* 121 N. CHURCH STREET, HUDSON, MI 49247 \*\*

NOTE: Anyone planning to attend the meeting who has a need of special assistance under the Americans with Disabilities Act (ADA) is asked to contact the city clerk's office at (517) 448-8983 forty-eight (48) hours prior to the meeting. Staff will be pleased to make the necessary arrangements to provide necessary reasonable accommodations.

**CITY COUNCIL  
121 N CHURCH STREET, HUDSON, MI  
REGULAR MEETING  
July 16, 2024 at 7:00 p.m.**

**748156:**

The regular meeting was called to order by Mayor Daniel Schudel at 7:00 pm. in the Council Chambers.

ROLL CALL: PRESENT: Daniel Schudel, Brandi Clark, Lisa Enerson and Rick Moreno

ABSENT: Sherry Kirkland, Natalie Loop and Carl Sword

ALSO PRESENT: Sara Schudel, Aubree Schudel, Michael & Mary Beth Leonard, Bruce VanWieren, John Irvine, Tim & Tammy Jewell, Barb Ireland – Hudson Post Gazette, Greg Hillegas, DPW Superintendent Jay Best, Police Chief Ron Keck, City Treasurer Megan Thompson, Ambulance Director Jim Stevens, , City Manager Charles Weir and City Clerk Jeaniene McClellan

**ORDERS OF THE DAY:**

**748157:**

Motion by Lisa Enerson, seconded by Rick Moreno **to excuse absent members from the meeting.** CARRIED 4-0 by roll call

**748158:**

Motion by Rick Moreno, seconded by Brandi Clark **to approve minutes of June 25, 2024 and place on file.** CARRIED 4-0 by roll call

**PUBLIC COMMENT:**

Public Comments were heard from Michael Leonard and John Irvine.

**NEW BUSINESS:****Approve: Reappointments to the Planning Commission:**

Rob Hall's current 3-year appointment to the Planning Commission will expire this month and he has expressed the desire to be re-appointed.

He meets the requirements to be reappointed to the Planning Commission.

**748159:**

Motion by Lisa Enerson seconded by Rick Moreno **reappoint Rob Hall to the Planning Commission for 3-year terms expiring in July 2027.** CARRIED 4-0 by roll call

**Approve: Lease Agreement Composting at the Industrial Park:**

Due to the decades of dumping leaves in the industrial park has caused an encroachment issue to a natural water way. This has forced the city into finding an alternative method for the city leaf disposal process.

As the Council is aware that we disposed of the leaves last fall on one acre of ground in the industrial park and in the process of breaking down the leaves into compost. City employee Tim Jewell has been researching and educating himself in the composting process and is willing to assist the city with the process and hopefully long-term solution to the city leaf disposal.

How this will work when it's fully operational is the city would deposit the leaves on the site and Mr. Jewell on his own time using his own equipment would process the material into useable compost that he would sell through his business. Jewell Sand & Gravel would provide some compost to the city at no cost and be allowed compost other organic material in addition to the leaves the city provides. The site would be cleared before the fall leaf pickup the following years.

Mr Weir reviewed Industrial Park Covenants and nothing in the covenants specifically prohibits composting operations.

Mr. Jewell will have some equipment investment needs in this venture, and he would like to have a lease agreement in place before he makes any further investments. Mr Weir attached the lease agreement for Council's review and approval.

**748160:**

Motion by Rick Moreno seconded by Lisa Enerson **approve the lease agreement with Jewell Sand and Gravel LLC for composting operations on one acre of land at the Industrial Park.** CARRIED 4-0 by roll call

**Approve: Major Street Fund Transfer:**

While setting the new budget the Council was made aware that to fund the 2024-2025 street projects it would require a \$70,000.00 transfer from the Major Street Fund to the Local Streets Fund.

The current fund balance in the Major Street Fund is \$311,895.64

**748161:**

Motion by Lisa Enerson seconded by Brandi Clark **approve the transfer of \$70,000.00 from the Major Streets Fund to the Local Streets Fund for the 2024-2025 street projects.** CARRIED 4-0 by roll call

**Approve: 2024-2025 Local Street Paving Projects Quotes:**

DPW Superintendent Jay Best surveyed the local streets and originally had seven (7) streets on the list for quotes. Early on we discovered that the \$150,000.00 budgeted would not cover the cost of all seven streets. We scaled back the number of streets to three (3) Lincoln, Wilcox, and two sections of Pleasant Street. We also included the parking lot for the EMS/Fire Department which is in very poor condition. This parking area is also used by the public, especially during elections.

The city received four quotes from four different contractors. Mr Weir attached the quotes and highlighted the streets, and the parking lot dollars amounts totals of each contractor. Mr Weir also attached a summary sheet of the quotes for ease of reading.

The quotes are as follows:

K & B Asphalt Sealcoating Inc.	\$147,306.70
Bailey Excavating Inc.	\$160,608.00
Belson Asphalt Paving Inc.	\$167,914.00
Gerkin Paving	\$175,060.00 without the parking lot

**748162:**

Motion by Rick Moreno seconded by Lisa Enerson **approve the bid from K & B Asphalt Sealcoating Inc. for the 2024-2025 paving projects on Lincoln, Wilcox, Pleasant streets and the City Parking lot of the east end of the Municipal building in the amount of \$147,306.70.** CARRIED 4-0 by roll call

**Approve: Fisher TW-9000 Line Locator Purchase:**

Request purchase of a replacement locator for the public works. The old locator is not supported and will not hold a charge. After reviewing the Fisher \$4,999.00, Rycom \$4,995.00, and RD8200 \$7,347.00 locators. The crew feels with ease of operation and local support of the product this is the best choice for the city. Fisher is well respected and has been in the field since the 1930's.

This is the latest model called Gen 3 and has top reviews for its performance and price point. The need for the Fisher is to locate underground water and service lines. With the Fisher we can use it in conjunction with the sewer camera for sewer lines also. We did a demo and located service line leak that is now scheduled for repair.

We went with Batco because they based out of Jackson Michigan and we will get his company's support for questions and he is also does repairs if needed.

**748163:**

Motion by Lisa Enerson seconded by Brandi Clark **approve the purchase of the Fisher TW-9000/Gen 3 locator for \$4,999.00 with funds from Water Distribution Capital Outlay line item.** CARRIED 4-0 by roll call

**Approve: Purchase of a Dodge Charger - HPD:**

The Hudson Police Department has money budgeted for a new patrol vehicle. Michelle Deacon is a Municipal Fleet Manager at Lafontaine with a MiDeal contract number 071B007718. Michelle can sell the City a 2023 rear wheel charger below the State purchase price of \$36,261.00. Michelle has offered the vehicle at “Special Pricing blow out sale \$32,062.00”. Michelle has been authorized to move these vehicles below the state price. Chief Ron Keck has requested a hold on one of the chargers and advised Michelle the purchase is pending the council’s approval.

**748164:**

Motion by Rick Moreno seconded by Brandi Clark **authorize the Chief of Police, Ronald B Keck Jr, to purchase a 2023 Dodge Charger RWD below the State purchase price from Michelle Deacon at LaFontaine of Lansing.** CARRIED 4-0 by roll call

**UNFINISHED BUSINESS:**

**Bills:**

Bills to Council  
July 16, 2024

**Bills to be Approve**

Total	\$0.00	
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**Bills to be Confirmed**

USA Bluebook	\$9,370.25	Sludge Application
Nickel & Saph	\$39,750.20	Liability Insurance First Pymt
Total	\$49,120.45	

**748165:**

Motion by Lisa Enerson, seconded by Brandi Clark **to approve to pay the bills.** CARRIED 4-0 by roll call

**Account Balances and Check Register:****Account Balances:**

General Fund	\$552,281.52
Cemetery Trust Fund	\$ 0.00
Major Street Fund	\$311,895.64
Local Street Fund	\$ 82,802.23
Fire Department Fund	\$129,954.51
Recreation Fund	\$ 674.41
Cemetery Foundation	\$ 5,789.16
Ambulance	\$ 74,408.03
Community Center	\$ 37,047.05
Income Tax Fund	\$263,609.86
Downtown Development	\$ 43,170.76
Thompson Museum Fund	\$ 0.00
Library Fund	\$ 0.00
Thompson Library Fund	\$ 0.00
Museum Fund	\$ 10,879.51
Industrial Park Fund	\$ 14,093.44
2021 Capital Improvement Bond Fund	\$116,153.02
Water and Sewer Fund	\$369,386.96
Motor Veh and Equip Fund	\$137,750.49
Property Tax Collection	\$ 95,970.49
Payroll Fund	\$ 29,741.25
Sidewalk Fund	\$ 16,952.12

**748166:**

Motion by Lisa Enerson, seconded by Brandi Clark **to accept the account balances and check register and place on file.** CARRIED 4-0 by roll call

**Department Head Reports:****748167:**

Motion by Lisa Enerson, seconded by Rick Moreno **to accept the department head reports and place on file.** CARRIED 4-0 by roll call

**MINTUES FROM OTHER BOARDS AND COMMISSIONS:****Recreation Advisory Board dated May 13<sup>th</sup> and June 10<sup>th</sup>, 2024:****748168:**

Motion by Lisa Enerson, seconded by Rick Moreno **to accept the Recreation Advisory Board minutes dated May 13<sup>th</sup> and June 10<sup>th</sup>, 2024 and place on file.** CARRIED 4-0 by roll call

**Planning Commission dated June 3, 2024:****748169:**

Motion by Rick Moreno, seconded by Lisa Enerson **to accept the Planning Commission minutes dated June 3, 2024 and place on file.** CARRIED 4-0 by roll call

**CITY MANAGER'S REPORT:**

- The City Water Asset Management Plan has been updated and completed and submitted to EGLE. The plan is required to be updated every five years. The last update was in 2019. The DWAM grant that is near completion, provided more detailed information about the water line assets. Also, the city has since 2019 procured GIS hardware and software through Silversmith that will help with identification and maintenance of the city water system moving forward.
- We had a city tree and light pole destroyed by a vehicle July 5<sup>th</sup> or 6<sup>th</sup>. The driver and vehicle were located at Suki's disabled after the crash. Mr Weir is in the process of getting the incident report to the insurance company. We had an electrician come in and make the missing light location safe and keep the rest of the lights working until the replacement light is installed.
- DPW was testing and training on a water line locator and discovered a broken water service line through a sewer main. DPW suspected a problem in that area but did not know what it was. The sewer camera and the locator were instrumental in identifying the problem. The service line will have to be replaced. Jay has scheduled the repair with a contractor that can run the new water line. DPW will assist the contractor with the repair using the hydrovac truck reducing the cost from approximately \$3,500.00 to \$2,500.00.
- Mr Weir will be meeting with Lisa DuRussel of DuRussel Landscape Architect PLLC on July 24<sup>th</sup> to discuss and tour the city for the updating of the Master Plan. They have started putting together the GIS data for the mapping.
- 109 Mechanic will be up for auction through the Lenawee County Tax sale August 13<sup>th</sup>. Mr Weir has requested the Lenawee County Treasurer add a stipulation to the sale that the new owner will need to clean up the property and bring the building back into compliance with the building code of the city or have it demolished in a timely manner acceptable to the city.
- We have forwarded files to the City Attorney to file a Summons and Complaint with the Lenawee County Circuit Court for dangerous structures at 138 Lafayette Street and 210 West Street. The property owners have not made any efforts to correct the problems.

**COUNCIL COMMENTS:**

**ADJOURNMENT:**

**748170:**

Motion by Rick Moreno, seconded by Brandi Clark to **adjourn the meeting at 7:38 pm**


APPROVED: \_\_\_\_\_  
Daniel Schudel, Mayor

ATTEST: \_\_\_\_\_  
Jeaniene McClellan, City Clerk





**AGENDA ITEM**  
**REVIEW FORM**

<b><u>ITEM:</u></b> First Reading Ordinance 404-24 add City of Hudson Solar Energy Systems.	<b><u>SUBMITTED BY:</u></b> Charles Weir
<b><u>ACTION REQUESTED:</u></b> Approve the first reading and waive the actual reading of Ordinance 404-24 to add "City of Hudson Solar Energy Systems Ordinance".	<b><u>DEPARTMENT:</u></b> City Manager <b><u>DATE:</u></b> August 6, 2024,
<b><u>SUMMARY:</u></b>  Over the last year we have had citizens interested in solar energy for their homes. One home has installed a system. In order to stay ahead of what is likely to continue over the next several years, the Planning Commission suggested that the city should consider developing an ordinance to regulate solar arrays in the city.  I reached out to other municipalities that have solar ordinances for guidance. I drafted an ordinance and after two meetings with the Planning Commission on the subject, and review by the City Attorney, the ordinance is ready for the City Council to review and approve the first reading.	
<b><u>RECOMMENDATION:</u></b> Approve the first reading and waive the actual reading of Ordinance No. 404-24, adding-City of Hudson Solar Energy Systems Ordinance.	
<b><u>SIGNATURE:</u></b> 	<b><u>TITLE:</u></b> City Manager

## **ORDINANCE NO. 404-24**

**An ordinance to amend the Code of the City of Hudson by adding a new article which shall be designated as Article IV 19-68 of Chapter 19 of said Code.**

**THE CITY OF HUDSON ORDAINS:**

### **Chapter 19 Article IV 19-68. Solar Energy Systems**

#### **Sec. 1 Definitions**

**Solar Energy Systems small-** means a single residential or small business-scale solar energy conversion system consisting of roof panels, ground mounted solar arrays, or other solar energy fixtures, and associated control, conversion electronics, and will be used to produce utility power primarily on-site for users or customers.

#### **Sec. 2**

**Solar Energy Systems as follows:**

1. **Intent.** The intent of this section is to permit and encourage the development of solar energy systems within the City of Hudson while ensuring that such systems do not become a nuisance to neighbors or the community.
2. **Roof-Mounted Solar Energy Systems.** Roof-mounted Solar Energy Systems of any capacity are permitted in all districts, subject to the following:
  - a. Solar panels may be mounted on the roof of a principle or accessory structure capable of supporting the panels weight.
  - b. The presence of solar panels on a rooftop shall not increase the overall height of a structure by greater than five (5) feet as measured from the highest point of the structure to the top of the panels. Panels shall not exceed an angle of 45-degrees, from either a flat roof or a horizontal line that is parallel to the eave line for pitched roofs. For pitched roofs with an angle greater than 45-degrees, solar panels shall be mounted flush with the surface of the angled roof.
  - c. Solar panels shall not project beyond the roof edge.
  - d. Site plans shall not be required for roof-mounted panels. Such systems shall be approved administratively, subject to building, mechanical and electrical permits and inspections.
  - e. In residential districts, roof-mounted panels are prohibited from being placed on the front yard facing side of a residence, however solar shingles or other integrated solar systems that are similar in appearance to shingles may be permitted on the roof in the front yard facing side of residence if approved by the zoning administrator.
3. **Ground-Mounted Solar Energy Systems.** Ground-Mounted Solar Energy Systems are permitted as follows:

General Requirements. All ground-mounted solar energy systems shall be subject to the following requirements.

- a. Solar collection panels and related equipment, including batteries, shall meet the setback requirements for structures in the district in which they are placed.
- b. Solar collectors shall be placed such that concentrated solar radiation or solar glare will not be directed onto nearby properties or roadways. Traffic safety and adjacent properties shall be protected from unreasonable glare and radiation.
- c. The area around ground-mounted solar panels shall be screened with ground cover vegetation, maintained for the duration of the operation until the site is decommissioned, except where panels are part of a parking lot canopy. The Planning Commission may waive screening and landscaping standards that interfere with solar collection, provided that such a system is not readily visible from a residential property.
- d. The height of the ground-mounted solar panels shall not exceed fourteen (14) feet from grade to the highest point of the panel. If the panel is located on a berm, the height shall be measured from the base of the berm.
- e. If a ground-mounted solar energy system ceases to operate or is abandoned for a period of six months or is deemed by the zoning official to be unsafe or not in compliance with the Hudson City Code, the property owner shall repair and restore the system to good working order within a reasonable time set by the zoning official or, if no longer operating or no longer in compliance with federal, state, or local codes, the property owner shall remove the system. This may include removing posts, equipment, panels, foundations, and other items that may be deemed unserviceable, unsafe or a nuisance by the city zoning official.
- f. Solar energy systems shall not be installed in the front or required side yard.
- g. Solar energy systems shall be accessory to a principal use on the site.
- h. Solar energy systems shall comply with the maximum lot coverage provided in Section 19-67 in the district in which they are placed.

**Sec. 3 Penalty:** Violations are subject to the penalties in Section 19-157.

**Sec. 4 Severability:**

The various parts, sections and clauses of this Ordinance are hereby declared to be severable. If any part, sentence, paragraph, section, or clause is adjudged unconstitutional or invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected thereby.

**Effective Date:**

This Ordinance shall become effective on

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[ ] Emergency Ordinance

Introduced: \_\_\_\_\_

Summary of Minutes Published: \_\_\_\_\_

Enacted: \_\_\_\_\_

Vote: \_\_\_\_\_ Yes: \_\_\_\_\_ No: \_\_\_\_\_ Abstain: \_\_\_\_\_

Ordinance Published: \_\_\_\_\_

Effective Date: \_\_\_\_\_



Approved: \_\_\_\_\_

Mayor

Attest: \_\_\_\_\_

City Clerk

**AGENDA ITEM**  
**REVIEW FORM**

<b><u>ITEM:</u></b> Electrical Contractor for Lift Station Replacements	<b><u>SUBMITTED BY:</u></b> Josh Mattek
<b><u>ACTION REQUESTED:</u></b> Approve the hiring of Positive Electric	<b><u>DEPARTMENT:</u></b> WWTP <b><u>DATE:</u></b> July 29, 2024
<b><u>SUMMARY:</u></b> <p>We are upgrading both the Sunrise and Church St stations and are doing most of the work in house to help significantly reduce the overall cost. However, an electrical contractor is needed to pull permits, do inspections, and run the final switchovers. They will also be providing help in an advisory role, along with some electrical pole work and providing some materials that are needed for the project.</p> <p>I initially contacted four electrical contractors but after three months of follow up calls I was only able to get two of them to come out to see the two sites to give us a bid.</p> <p>The first bid is from Positive Electric for \$10,000 for both Stations The Second bid is from Clark Electric for \$16,500 for both Stations</p>	
<b><u>RECOMMENDATION:</u></b> The Hiring of Positive Electric to assist with the Lift Stations Upgrade for \$10,000.	
<b><u>SIGNATURE:</u></b>   <b><u>CONCUR:</u></b> 	<b><u>TITLE:</u></b> WWTP Superintendent



Positive Electric LLC  
 3731 Meridian Rd  
 Addison, MI 49220  
 517-260-2742

# Estimate

Date	Estimate #
6/12/2024	3567
Estimates are valid for 30 days.	

Name / Address
City of Hudson 121 N. Church St Hudson, MI 49247

Description	Job		P.O. No.
	Qty	Rate	Total
WWTP Work on lift stations at Thompson Park Berlin Trail  Parts and labor for the following: - Labor for a two man crew for four 8 hour days - Material allowance of \$2,000.00  These are total amounts for both jobs combined.	1	10,000.00	10,000.00

Thank you !!!	<b>Total</b>	\$10,000.00
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I understand and agree to the following terms: 50% Due at signing and the remaining 50% due at job completion. All additions or changes must have a signed change order. A monthly service charge of 1.5% APR plus a \$25 late fee may be assessed to the outstanding balance after 30 days. If your account is sent to a 3rd party collections agency, you will be responsible for an additional \$50 fee added to your balance and any additional collection and/or court costs.  
 Make checks payable to Positive Electric LLC.  
 Credit card payments will have an additional fee of 3.5% for total job costs over \$2,500.

Accepted by: (print) \_\_\_\_\_ (sign) \_\_\_\_\_ Date: \_\_\_\_\_



**Clark Electric, Inc.**

187 Uran Street  
Hillsdale, MI 49242

Phone 517-439-2449  
Fax 517-439-2450

7/16/24

Hudson Waste Water  
107 Mechanic Street  
Hudson, MI 49247

RE: Lift Station #1.

Dear, Josh,

We propose to supply material and labor to rewire the Lift Station located at Meadowbrook Drive. This would include the following.

- Supply and install a new 100amp Disconnect for the new Service.
- Supply and install a new 100amp Manual Transfer Switch. (Utilize the existing Generator Receptacle)
- Mount and connect the supplied Control Cabinet.
- Mount and connect the supplied 120/240v Transformer.
- Supply and install a new 120/240v Sub Panel.
- Connect all the pumps and controls to the new Control Rack.
- Pull Electrical Permit and schedule inspections.

This Project would be billed on a time and material basis with a not to exceed cost of \$8,000.00.  
(Eight Thousand Dollars)

If you have any questions please call.

Respectfully Submitted,

**Dewey Rogers**

Dewey Rogers  
Clark Electric Inc.



**Clark Electric, Inc.**

187 Uran Street  
Hillsdale, MI 49242

Phone 517-439-2449  
Fax 517-439-2450

7/16/24

Hudson Waste Water  
107 Mechanic Street  
Hudson, MI 49247

RE: Lift Station #2.

Dear, Josh,

We propose to supply material and labor to rewire the Lift Station located at Thompson Memorial Park. This would include the following.

- Install underground wiring from the new Service Pole to the new Rack.
- Supply and install a new 100amp Disconnect for the new Service.
- Supply and install a new 100amp Manual Transfer Switch. (Utilize the existing Generator Receptacle)
- Mount and connect the supplied Control Cabinet.
- Mount and connect the supplied 120/240v Transformer.
- Supply and install a new 120/240v Sub Panel.
- Connect all the pumps and controls to the new Control Rack.
- Pull Electrical Permit and schedule inspections.

This Project would be billed on a time and material basis with a not to exceed cost of \$8,500.00.  
(Eight Thousand Five Hundred Dollars)

If you have any questions please call.

Respectfully Submitted,



**Dewey Rogers**

Dewey Rogers  
Clark Electric Inc.





**AGENDA ITEM**  
**REVIEW FORM**

<b>ITEM: Well #1 pump replacement</b>	<b>SUBMITTED BY:</b> Jay Best
<b>ACTION REQUESTED</b> Replace Well pump #1 well	<b>DEPARTMENT:</b>  <b>DATE:</b> 08/06/2024
<p><b>SUMMARY:</b></p> <p>As an ongoing pursuit to improve the water quality and delivery we are requesting the #1 well be serviced and replaced. I have had the wells tested every 2 years for efficiency and have seen a trend in well #1. As of the last test the well has fallen off the efficiency curve and has started to fail as a production well.</p> <p>We are requesting the well pump be replaced as a maintenance item to improve the production of the well and to prevent the failure of the well. This well is 1 of 4 and is next in line for repair. Peerless Midwest has been the Vendor of choice for the wells and system maintenance and has always delivered outstanding quality in a timely fashion.</p> <p>The bid for the well rehab is \$12,154.38. There is a \$2,031.04 possible saving if the well drop pipe is in good order but wanted to give you the total price of the refit of the well. This process is an ongoing process and will need to be completed later for the rest of the wells but as of now the rest are working as designed.</p>	
<p><b>RECOMMENDATION: Hire Peerless Midwest to replace well pump in well #1 at a cost of \$12,154.38</b></p>	
<p><b>SIGNATURES:</b> Jay Best  Concur: </p>	<p><b>TITLE:</b> DPW Superintendent  City Manager</p>



April 8, 2024

City of Hudson - Water Department  
Attn: Jay Best  
40 Jackson Street  
Hudson, MI 49247

**RE: WELL 1 PUMP REPLACEMENT**

Dear Jay,

I am pleased to provide the following estimate to replace the Well 1 pump for the City of Hudson based upon the well testing results. The labor and material costs to provide, install, startup and test Well Pump and collect the first bacteria sample (you will collect the 2<sup>nd</sup> sample):

Remove roof, pull pump, replace with new components, chlorinate, startup and test, pull 1 <sup>st</sup> bacteria sample. Replace roof. You would pull the 2 <sup>nd</sup> sample.	\$3,200.00
New 400 gpm rated stainless steel pump end and 10 HP, 460 volt submersible motor	\$5,736.06
New 4" galvanized drop pipe (threaded and coupled)	\$2,031.04
#10-3 w/ground flat jacketed pump cable and splice kits	\$178.70
Two(2) 4" Pipe nipples, coupling and 4" ductile iron check valve	\$1,008.58
<b>**Total:</b>	<b>\$12,154.38</b>
<b>**Drop pipe to be inspected and re-used if in good condition (potential deduct)</b>	<b>-\$2,031.04</b>

Right now we are scheduling our projects 2-3 weeks out. All materials are in inventory should it become an urgent need and we could respond quickly at that point. I can be contacted at 616-690-8139.

Sincerely,  
**PEERLESS-MIDWEST, INC.**



Bob Masters  
Project Manager

**Accepted:**

By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_



**AGENDA ITEM**  
**REVIEW FORM**

<b>ITEM: Smartpoint Auto reads</b>	<b>SUBMITTED BY:</b> Jay Best
<b>ACTION REQUESTED</b> <b>Purchase of I pearl auto reads</b>	<b>DEPARTMENT: DPW</b> <b>DATE: 8/06/2024</b>
<b>SUMMARY:</b> The water department is requesting to purchase I pearl Smartpoint 27 auto read units. This I pearl auto read is the ongoing capital improvement for meter replacement and remote reads for the residential water district. I am requesting another box of 27 at a cost of \$5,535.00. This will aid in the time spent reading water meters and will continue the ongoing process of all the homes being read remotely. This is not a bid process; this is an Etna related unit and the units the city has used for the meter reads	
<b>RECOMMENDATION:</b> <b>Purchase of 27 I pearl Smartpoint auto read units.</b>	
<b>SIGNATURES:</b> Jay Best  Concur: 	<b>TITLE:</b> DPW Superintendent  City Manager



ETNA SUPPLY - GRAND RAPIDS  
 4901 CLAY AVENUE SW  
 GRAND RAPIDS, MI 49548-3038  
 616 241 5414  
 Fax 616 241 4786



# Quotation

QUOTE DATE	QUOTE NUMBER
07/10/2024	S105764234
ETNA SUPPLY PO BOX 772107 DETROIT, MI 48277-2107 P-616 248 9182 F-616 245 9940	PAGE NO.
	1 of 1

QUOTE TO:

SHIP TO:

CITY OF HUDSON  
 121 N CHURCH ST  
 HUDSON, MI 49247-1011

CITY OF HUDSON  
 40 JACKSON STREET  
 HUDSON, MI 49247

CUSTOMER NUMBER	JOB NAME / PO NUMBER	JOB NAME / RELEASE NUMBER	SALESPERSON	
15449	SMARTPOINT QUOTE		Jason McClanahan	
WRITER	SHIP VIA	TERMS	EXPIRE DATE	FREIGHT EXEMPT
Dalton Potgeter		NET 25TH	07/13/2024	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE
27ea	<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>SHIPPING INSTRUCTIONS</b></p>           DELIVERY DATE:ANY            DELIVERY TIME:ANY            CONTACT NAME:JAY BEST            CONTACT #:(517) 448-6101            ADD'L INSTR:         </div> <p>SMARTPOINT 510M TC 1-PORT (LEAK);          SENSUS MODEL 510M SINGLE PORT M2          METER TRANSCEIVER UNIT NON-PIT          VERSION TOUCHCOUPLE INTREGAL          TOUCHREAD HOURLY READS LEAK          DETECTION          5396353751201MI          Pn: 21752</p>		205.000/ea	5535.00

This Quotation is expressly conditioned and controlled by Seller's standard terms and conditions of sale found at [www.etnasupply.com/tcsale](http://www.etnasupply.com/tcsale). All other terms are expressly rejected. To the extent there is a conflict between any of the terms appearing on the face of this Quotation and ETNA's Standard Terms, the terms appearing on the face of the Quotation control. TAXES ARE NOT INCLUDED ON THIS QUOTE!



THIS QUOTE HAS BEEN PREPARED BASED ON OUR INTERPRETATION OF THE PROJECT DOCUMENTS PROVIDED. WE RESERVE THE RIGHT TO REVIEW AND AMEND QUOTATION PRICES IN THE EVENT PROJECT DOCUMENTS PROVIDED ARE INCOMPLETE, UNCLEAR OR CONTAIN CONFLICTING INFORMATION.

Subtotal	5535.00
S&H Charges	0.00
<b>Amount Due</b>	<b>5535.00</b>

Prices are firm for 3 days. Price subject to change after 3 days.



**AGENDA ITEM**  
**REVIEW FORM**

<b>ITEM: Water Department</b>	<b>SUBMITTED BY:</b> Jay Best
<b>ACTION REQUESTED</b> <b>Blasting and painting of the Iron filter</b>	<b>DEPARTMENT:</b>  <b>DATE: 08/06/2024</b>
<p><b>SUMMARY:</b></p> <p>This is the ongoing procedure of improvement of the water system. We are requesting the Iron filter at the water plant be bead blasted and painted as a corrosion control effort to extend the life of the iron filter.</p> <p>The Iron filter when built was never painted and over the years has begun to show signs of surface rust and needs repair. We have 3 quotes for the specialty work to be completed.</p> <p><b>USI for \$21,190.00</b></p> <p><b>Blastec for \$6,356.00 (Economy Option) Power wash prep.</b></p> <p><b>Blastec for \$7,906.00 (Mid-grade Option) Sandblast prep. For better paint adhesion and finish.</b></p> <p>This is a specialty coating and there are not a lot of companies out there that do the work. This work will be completed when the temperature of the water and air temperature is close together, so the sweating of the iron filter does not affect the paint adhesion.</p> <p>The large price difference is due to USI being the primary company doing the work in Michigan for several years. Blastec has been doing the work for a few years now and was recommended to the city by a water professional who is familiar with their work.</p>	
<p><b>RECOMMENDATION: Approve Blastec for the bead blast and paint of the Iron filter in the amount of \$7,906.00.</b></p>	
<p><b>SIGNATURES:</b>          Jay Best           Concur: </p>	<p><b>TITLE:</b>          DPW Superintendent           City Manager</p>

**BlasTek, LLC**  
 443 PO Box  
 Middleville, MI 49333 US  
 finance@blastekllc.com  
 blastekllc.com



**ADDRESS**  
 City of Hudson

Quote 3919

DATE 04/03/2024

**PROJECT**  
 Iron Filter Exterior Re-coat

	QTY	RATE	AMOUNT
<b>Field Mobilization</b> Mobilization of equipment & material to job site	1	570.00	570.00
<b>Field Labor</b> Labor associated with job setup, establishing access, protecting necessary adjacent surfaces, loading blast pot, mixing paint, cleaning up spent abrasive, etc	62	70.00	4,340.00
<b>Field Materials</b> Allowance for six mil plastic, tape, clips, etc	1	200.00	200.00
<b>Field Media Blasting</b> Labor, material & equipment associated with media blasting	5	250.00	1,250.00
<b>Field Painting</b> Labor & equipment associated with painting	4	100.00	400.00
<b>Field Materials:Field Paint Materials</b> Cost associated with Tnemec Series 115 & 1028	1	426.00	426.00
<b>Field Accommodations:Per Diem</b> Lodging & per diem accommodations for field staff	1	720.00	720.00
Thank you for the opportunity to quote your project.	<b>SUBTOTAL</b>		7,906.00
	<b>TAX</b>		0.00
	<b>TOTAL</b>		<b>\$7,906.00</b>

Accepted By

Accepted Date

A finance charge of 2% will be assessed to all over due balances. After 30 days steps will be made to place a lean on the property. After 90 days accounts will be automatically sent to collections.

**BlasTek, LLC**  
 443 PO Box  
 Middleville, MI 49333 US  
 finance@blastekllc.com  
 blastekllc.com



**ADDRESS**  
 City of Hudson

Quote 3918

DATE 04/09/2024

**PROJECT**  
 Iron Filter Exterior Overcoat

	QTY	RATE	AMOUNT
<b>Field Mobilization</b> Mobilization of equipment & material to job site	1	570.00	570.00
<b>Field Labor</b> Labor associated with job setup, establishing access, protecting necessary adjacent surfaces, mixing paint, general cleanup, etc	53	70.00	3,710.00
<b>Field Materials</b> Allowance for six mil plastic, tape, clips, etc	1	200.00	200.00
<b>Field Power Washing</b> Includes labor to operate machine, equipment charges, plus diesel and gas online	3	110.00	330.00
<b>Field Painting</b> Labor & equipment associated with painting	4	100.00	400.00
<b>Field Materials:Field Paint Materials</b> Cost associated with Tnemec Series 115 & 1028	1	426.00	426.00
<b>Field Accommodations:Per Diem</b> Lodging & per diem accommodations for field staff	1	720.00	720.00

Thank you for the opportunity to quote your project.

**SUBTOTAL** 6,356.00  
**TAX** 0.00

**TOTAL \$6,356.00**

Accepted By

Accepted Date

A finance charge of 2% will be assessed to all over due balances. After 30 days steps will be made to place a lien on the property. After 90 days accounts will be automatically sent to collections.



# UNI-BOND DF SERIES 115

## PRODUCT PROFILE

**GENERIC DESCRIPTION**

Self-crosslinking Hydrophobic Acrylic

**COMMON USAGE**

A high-performance, versatile coating appropriate for a variety of uses including:  
**Exterior Steel:** Waterborne, rust-inhibitive coating with excellent adhesion to zinc-rich coatings. Used as a primer, intermediate and finish coat on tanks, vessels and other industrial and architectural metal substrates.  
**Humid Environments:** Primer/finish for two coat applications over prepared galvanized steel and zinc-rich coatings in wet, temperature-controlled exposure areas.  
**Dry Interior Environments:** One or two coat, flash-rust and corrosion resistant primer/finish for overhangs. Use on prepared carbon and galvanized steel, aluminum, wood and concrete decks, beams, joists and HVAC.  
**Note:** Uni-Bond DF's "dry-fall" characteristics help reduce the potential for overspray problems on buildings and surrounding property.

**COLORS**

Refer to Tnemec Color Guide.

**FINISH**

Eggshell

**SPECIAL QUALIFICATIONS**

Series 115 meets the requirements of LEED-Low-Emitting Materials, Collaborative for High Performance Schools-Paints & Coatings, WELL Building Standard-VOC Restrictions, and Living Building Challenge-Healthy Interior Performance. Contact your Tnemec representative for more information.

## COATING SYSTEM

**PRIMERS**

**Steel:** Self-priming or Series 1, 27, 66, 90E-92, 90-97, 90G-1K97, 91-H<sub>2</sub>O, 94-H<sub>2</sub>O, 135, 161, 394.  
**Concrete:** Self-priming only.

**INTERMEDIATE**

Series 115 may be used as an intermediate coat over 1, 90E-92, 90G-1K97, 90-75, 90-97, H90-97, 91-H<sub>2</sub>O, 94-H<sub>2</sub>O or 394. Series 44-900 Adhesion Promoter must be used when topcoating Series 1 or 394 with Series 115.

**TOPCOATS**

Series 113, 114, 115, 156, 157, 180, 181, 1026, 1028, 1029, 1094, 1095, 1096. **Note:** When Series 115 is applied over 90-97, 90G-1K97, 91-H<sub>2</sub>O or 94-H<sub>2</sub>O, only itself or Series 1028 or 1029 can be used as topcoats. **Note:** Reference the latest version of Tnemec Technical Bulletin 14-101 for more information on Series 115 as a primer for high performance finishes.

## SURFACE PREPARATION

**STEEL**

**Weather Exposed:** SSPC-SP6/NACE 3 Commercial Blast Cleaning.  
**Enclosed, Protected & Mild Environments:** SSPC-SP3 Power Tool Cleaning.

**GALVANIZED STEEL & ALUMINUM**

Surface preparation recommendations will vary depending on substrate and exposure conditions. Consult the latest version of Tnemec Technical Bulletin 10-78 or contact your Tnemec representative or Tnemec Technical Services.

**PAINTED SURFACES**

Remove chalk and old paint not tightly bonded to the surface. Clean all visible rust using SSPC-SP3 Power Tool Cleaning (interior dry) or to bare metal using SSPC-SP11 Power Tool Cleaning to Bare Metal (weather exposed). (Test patch is recommended in accordance with Technical Bulletin 98-10R latest revision.)

**ALL SURFACES**

Must be clean, dry and free of dust, dirt, oil, grease and other contaminants. Existing water soluble stains in the substrate or upon the surface must be removed or sealed. Allow new concrete to cure 28 days.

## TECHNICAL DATA

**VOLUME SOLIDS**

44.0 ± 2.0% †

**RECOMMENDED DFT**

2.0 to 4.0 mils (50 to 100 microns) per coat.

**CURING TIME**

Temperature	To Touch	To Handle	To Recoat
75°F (24°C)	1 hour	3 hours	4 hours

Curing time varies with surface temperature, air movement, humidity and film thickness.

**VOLATILE ORGANIC COMPOUNDS**

**Unthinned:** 1.09 lbs/gallon (131 grams/litre)  
**Thinned 5%:** 1.09 lbs/gallon (131 grams/litre) †

**HAPS**

**Unthinned:** 0.02 lbs/gal solids  
**Thinned 5%:** 0.02 lbs/gal solids

**THEORETICAL COVERAGE**

706 mil sq ft/gal (17.3 m<sup>2</sup>/L at 25 microns). See APPLICATION for coverage rates. †

**NUMBER OF COMPONENTS**

One

**PACKAGING**

55 gallon (208.2 L) drums, 5 gallon (18.9 L) pails and 1 gallon cans (3.79 L).

**NET WEIGHT PER GALLON**

11.60 ± 0.25 lbs (5.3 ± 0.11 kg) †

**STORAGE TEMPERATURE**

Minimum 35°F (2°C) Maximum 110°F (43°C)

**TEMPERATURE RESISTANCE**

(Dry) Continuous 170°F (77°C) Intermittent 200°F (93°C)

**SHELF LIFE**

12 months at recommended storage temperature.

**FLASH POINT - SETA**

>230°F (110°C)

**HEALTH & SAFETY**

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.  
**Keep out of the reach of children.**



# UNI-BOND DF | SERIES 115

**APPLICATION**

**COVERAGE RATES**

	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m <sup>2</sup> /Gal)
Suggested	3.0 (75)	7.0 (175)	235 (21.8)
Minimum	2.0 (50)	4.5 (115)	355 (33.0)
Maximum	4.0 (100)	9.0 (230)	175 (16.3)

Allow for overspray and surface irregularities. Wet film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. **Note:** Two coats may be required on concrete for uniform appearance and coverage. †

**MIXING**

Mix by stirring to uniform consistency without creating air bubbles and foam. Do not box or use a paint shaker. Stir thoroughly, making sure no pigment remains on the bottom of the can.

**THINNING**

Thinning is not normally required but when needed, thin up to 5% or 1/4 pint (190 mL) per gallon with clean tap water.

**APPLICATION EQUIPMENT**

**Air Spray**

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	E	765 or 704	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	50-70 psi (3.4-4.8 bar)	10-20 psi (0.7-1.4 bar)

Low temperatures or longer hoses require higher pot pressure.

**Airless Spray**

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.013"-0.017" (330-430 microns) Reversible Tip	1800-2400 psi (124-165 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

**Note:** On projects involving spray equipment being used over consecutive days, follow Cleanup instructions below and then leave xylol in the system overnight, flushing thoroughly with clean water before each start-up.

**Roller:** Contact your Tnemec representative.

**Brush:** Contact your Tnemec representative.

**SURFACE TEMPERATURE**

Minimum 45°F (7°C) Maximum 120°F (49°C)

The surface should be dry and at least 5°F (3°C) above the dew point.

**CLEANUP**

Flush and clean all equipment immediately after use with clean tap water. Finish by flushing all spray equipment with isopropyl alcohol.

**CAUTION**

Dry overspray can be wiped or washed from most surfaces. Satisfactory dry-fall performance depends upon height of work and equipment adjustment. Low temperature and high humidity are of particular concern. Test for each application as follows: Spray from 15 to 25 feet towards paint container. The material then should readily wipe off. **Note:** Heat can fuse-dry overspray to surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that surface temperatures can be higher than air temperature.

† Values may vary with color.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Tnemec Company, Inc. warrants only that its coatings represented herein meet the formulation standards of Tnemec Company, Inc. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Tnemec Company, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Tnemec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

Tnemec Company, Inc. 6800 Corporate Drive Kansas City, Missouri 64120-1372 +1 816-483-3400 www.tnemec.com



PRODUCT PROFILE

**GENERIC DESCRIPTION** HDP Acrylic Polymer

**COMMON USAGE** Water-based, low VOC, High Dispersion Pure acrylic polymer coating providing excellent long term protection in both interior/exterior exposures. May be applied by spray, brush or roller over a variety of solvent and waterborne steel primers. May also be used over many aged coatings. It is mildew resistant and exhibits very good gloss and color stability. Series 1028 can be used for light duty wall surfaces in water treatment and pharmaceutical environments. Application methods include "dry-fall" under certain conditions (See Application). **Note:** Series 1028's "dry-fall" characteristics help to reduce the potential for overspray problems on buildings and surrounding property.

**COLORS** Refer to Tnemec Color Guide. **Note:** Certain colors may require multiple coats depending on method of application and finish coat color. When feasible, the preceding coat should be in the same color family (blue, gray, etc.), but noticeably different.

**FINISH** Gloss - **Note:** Final gloss level of topcoat can vary depending on number of coats applied. One coat will generally result in a lower sheen than two coats of the material.

**SPECIAL QUALIFICATIONS** Series 1028 meets the requirements of LFFD-Low-Emitting Materials, Collaborative for High-Performance Schools-Paints & Coatings, WELL Building Standard-VOC Restrictions, and Living Building Challenge-Healthy Interior Performance. Contact your Tnemec representative for more information.

COATING SYSTEM

**PRIMERS** **Wood:** Series V10-99W or 151-1051  
**Steel:** Series 1, V10, 22, 37H, 66, L69, L69F, N69, N69F, V69, V69F, 90-97, 90G-1K97, 91-H<sub>2</sub>O, 94-H<sub>2</sub>O, 113, 115, V115, 118, 135, L140, L140F, N140, N140F, V140, V140F, 141, 161, 287, 394. **Note:** Allow Series V10 and 37H to cure three days before topcoating. Additionally, Series 1, 90-97, 90G-1K97, 91-H<sub>2</sub>O, 94-H<sub>2</sub>O and 394 must be exterior exposed for three days prior to topcoating. **Note:** This product exhibits direct-to-metal capabilities for dry interior environments. Contact Tnemec Technical Service for more information.  
**Aluminum & Galvanized:** Series 66, L69, N69, V69, 115, V115, 135, 1224. **Note:** For special galvanized surface preparation instructions, consult the latest version of Tnemec Technical Bulletin 10-78.  
**Concrete:** Self-priming or Series 54, 66, L69, L69F, N69, N69F, V69, V69F, 130, 151, 156, 180, 287, 1026, 1254  
**CMU:** Series 54, 130, 1254  
**Drywall:** Series 51, 151-1051, 287, 1026

**TOPCOATS** Series 1029. **Note:** Series 700, V700, 701, and V701 may be used as topcoats when applying logos or striping. Series 1028 must cure for three (3) days prior to topcoating.

SURFACE PREPARATION

**STEEL** **Weather Exposed:** SSPC-SP6 Commercial Blast Cleaning.  
**Enclosed, Protected & Mild Environments:** SSPC-SP2 Hand Tool or SSPC-SP3 Power Tool Cleaning.

**GALVANIZED STEEL & ALUMINUM** Surface preparation recommendations will vary depending on substrate and exposure conditions. Consult the latest version of Tnemec Technical Bulletin 10-78 or contact your Tnemec representative or Tnemec Technical Services.

**PAINTED SURFACES** Remove chalk and old paint not tightly bonded to the surface. Clean all visible rust using SSPC-SP3 Power Tool Cleaning (interior dry) or to bare metal using SSPC-SP11 Power Tool Cleaning to Bare Metal (weather exposed).

**PRIMED SURFACES** Must be clean, dry and free of dust, dirt, oil, grease and other contaminants. Existing water soluble stains in the substrate or upon the surface must be removed or sealed. Allow new concrete to cure 28 days.

TECHNICAL DATA

**VOLUME SOLIDS** 40.0 ± 2.0% †

**RECOMMENDED DFT** 2.0 to 3.0 mils (50 to 75 microns) per coat.

**CURING TIME**

Temperature	To Touch	To Handle	To Recoat	To Resist Moisture
75°F (24°C)	30 minutes	2 hours	2 hours	6 hours

Curing time varies with surface temperature, air movement, humidity and film thickness.

**VOLATILE ORGANIC COMPOUNDS** **Unthinned:** 0.71 lbs/gallon (85 grams/litre)  
**Thinned 5%:** 0.71 lbs/gallon (85 grams/litre) †

**HAPS** **Unthinned:** 0.00 lbs/gal solids  
**Thinned 5%:** 0.00 lbs/gal solids

**THEORETICAL COVERAGE** 633 mil sq ft/gal (15.5 m<sup>2</sup>/L at 25 microns). See APPLICATION for coverage rates. †

**NUMBER OF COMPONENTS** One

**PACKAGING** 5 gallon (18.9 L) pails and 1 gallon (3.79 L) cans.

**NET WEIGHT PER GALLON** 10.14 ± 0.25 lbs (4.59 ± 0.11 kg) †

**STORAGE TEMPERATURE** Minimum 35°F (2°C) Maximum 120°F (49°C)  
 Protect from freezing.

**TEMPERATURE RESISTANCE** (Dry) Continuous 300°F (149°C)  
**Note:** Coating will yellow at continuous temperatures greater than 170°F (77°C). Due to this, light colors are not recommended for high temperature service.

**SHELF LIFE** 12 months at recommended storage temperature.

**FLASH POINT - SETA** N/A

# ENDURATONE® | SERIES 1028

**HEALTH & SAFETY**

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product. **Keep out of the reach of children.**

**APPLICATION**

**COVERAGE RATES**

	Dry MILS (Microns)	Wet MILS (Microns)	Sq Ft/Gal (m <sup>2</sup> /Gal)
Suggested	2.5 (65)	6.5 (165)	257 (23.9)
Minimum	2.0 (50)	5.0 (125)	321 (29.8)
Maximum	3.0 (75)	7.5 (190)	214 (19.9)

Allow for overspray and surface irregularities. Wet film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

**MIXING  
THINNING  
APPLICATION EQUIPMENT**

Stir to uniform consistency without creating air bubbles or foam. Avoid vigorous agitation, boxing or shaking. Thinning is not normally required, but when needed, thin up to 5% or 1/4 pint (190 mL) per gallon with clean tap water.

**Air Spray**

Gun	Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
DeVilbiss JGA	E	765 or 704	5/16" or 3/8" (7.9 or 9.5 mm)	3/8" or 1/2" (9.5 or 12.7 mm)	65-75 psi (4.5-5.2 bar)	15-25 psi (1.0-1.7 bar)

Low temperatures or longer hoses require higher pot pressure.

**Airless Spray**

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
0.013"-0.017" (330-430 microns)	2200-3000 psi (152-207 bar)	1/4" or 3/8" (6.4 or 9.5 mm)	60 mesh (250 microns)

Use appropriate tip/atomizing pressure for equipment, applicator technique and weather conditions.

**Note:** On projects involving spray equipment being used over consecutive days, follow Cleanup Instructions below and then leave xylol in the system overnight, flushing thoroughly with clean water before each start-up.

**Roller:** Use 3/8" (9.5 mm) synthetic woven nap roller cover.

**Brush:** Use high quality nylon or synthetic bristle brushes.

**Note:** Floetrol may be used at up to 32 ounces per gallon for improved application properties. Dry-fall and cure properties may be affected. For more information, contact Tnemec Technical Service.

**SURFACE TEMPERATURE**

Minimum 40°F (4°C) Maximum 120°F (49°C)  
The surface should be dry and at least 5°F (3°C) above the dew point.

**CLEANUP**

Flush and clean all equipment immediately after use with water, then use alcohol or Methyl Ethyl Ketone (MEK) on any dried portions.

**CAUTION**

Dry overspray can be wiped or washed from most surfaces. Satisfactory dry-fall performance depends upon height of work, weather conditions and equipment adjustment. Low temperature and high humidity are of particular concern. Test for each application as follows: Spray from 15 to 25 feet towards paint container. The material then should readily wipe off. **Note:** Heat can fuse-dry overspray to surfaces. Always clean dry overspray from hot surfaces before fusing occurs. Be aware that exterior surface temperatures can be higher than air temperature.

† Values may vary with color.

WARRANTY & LIMITATION OF SELLER'S LIABILITY: Tnemec Company, Inc. warrants only that its coatings represented herein meet the formulation standards of Tnemec Company, Inc. THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. The buyer's sole and exclusive remedy against Tnemec Company, Inc. shall be for replacement of the product in the event a defective condition of the product should be found to exist and the exclusive remedy shall not have failed its essential purpose as long as Tnemec is willing to provide comparable replacement product to the buyer. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, ENVIRONMENTAL INJURIES OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER. Technical and application information herein is provided for the purpose of establishing a general profile of the coating and proper coating application procedures. Test performance results were obtained in a controlled environment and Tnemec Company makes no claim that these tests or any other tests, accurately represent all environments. As application, environmental and design factors can vary significantly, due care should be exercised in the selection and use of the coating.

Tnemec Company, Inc. 6800 Corporate Drive Kansas City, Missouri 64120-1372 +1 816-483-3400 www.tnemec.com



# Unconventional Services, Inc.

Partnering with your Industry to Repair - Protect - Upgrade

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28056 Oakland Oaks Ct., Wixom, MI 48393 • Phone: 248-735-7000 • Fax: 248-348-3790 • [www.USIgroups.com](http://www.USIgroups.com)

Jay Best  
Superintendent  
City of Hudson DPW  
121 N. Church St.  
Hudson, MI 49247  
(517) 448 8983  
[DPW@ci.hudson.mi.us](mailto:DPW@ci.hudson.mi.us)

01/30/2023  
Proposal #251

RE: Outside of tank

Dear Jay,

Thank you for inviting the USI team to look at your tank's and selecting Unconventional Services, INC. to repair and protect it. With USI you receive technical support, training, and troubleshooting.

I am certain that you will find our coating system to offer you the solution that you desire. This includes tank preparation and applying coating system. This price includes mobilization, preparation work, labor, material, cleanup, and insurance:

**Base Bid for the Outside of the Tank: \$21,190.00**

**\*\*\* Optimum application temperatures are at 68 degrees F. The colder the weather outside, the longer it can take for the product to cure. This project will take 3-5 days to complete\*\*\***

#### SCOPE OF WORK

- Surface preparation: pressure wash the tank.
- Clean area
- Install (2) two coats of ResiChem 555 ResiNox
- Final walk through by client to assure customer satisfaction.

#### STIPULATIONS

- Includes equipment, tools, labor, and supervision.
- DPW to provide power (110v) for all tools per discussion.
- DPW will provide waste dumpster for disposal of site refuse.
- Final lighting or its equivalent for installation and review.
- Pricing is based upon weekday shift work schedule. Does not include any type of premium time, weekends, or holidays.
- This assumes free and clear access to worksite with no workplace interruptions by DPW employees, other contractors or acts of God.
- Proposal is good for 30 days.

I hope you feel free to call me with any questions or problems you feel I can answer. Again, we are looking forward to helping you on critical repair project.

Sincerely,

Jim Rose  
Project Estimator  
(248) 861-7732

Bills to Council  
Tuesday, August 6, 2024

**Bills to be Approved**

**Total**                    **\$0.00**

**Bills to be Confirmed**

COUNTY NATIONAL BANK	\$28,204.72	VACTOR TRUCK PAYMENT
LAFONTAINE OF LANSING	\$32,062.00	NEW HPD CAR
BIOTECH ARGONOMICS	\$20,255.40	SLUDGE APPLICATION
<b>Total</b>	<b>\$80,522.12</b>	

CASH SUMMARY BY FUND FOR CITY OF HUDSON

FROM 07/17/2024 TO 08/01/2024

FUND: ALL FUNDS  
 CASH AND INVESTMENT ACCOUNTS

Fund	Description	Beginning Balance 07/17/2024		Total		Ending Balance 08/01/2024	
		Balance	07/17/2024	Debits	Credits	Balance	08/01/2024
101	GENERAL FUND	497,699.28	236,104.48	149,200.18	584,603.58		
151	CEMETERY TRUST FUND	0.00	0.00	0.00	0.00		
202	MAJOR STREET FUND	311,895.64	11,147.23	91,441.93	231,600.94		
203	LOCAL STREET FUND	82,802.23	75,659.51	10,123.10	148,338.64		
206	FIRE DEPARTMENT FUND	131,499.54	39,927.85	1,459.25	169,968.14		
208	RECREATION FUND	674.41	2.72	0.00	677.13		
209	CEMETERY FOUNDATION	4,002.36	34,200.17	5,808.78	32,393.75		
210	AMBULANCE	165,117.01	50,653.25	24,521.90	191,248.36		
211	COMMUNITY CENTER	37,170.87	2,602.26	4,061.26	35,711.87		
213	INCOME TAX FUND	267,599.04	55,227.63	232,878.63	89,948.04		
248	DOWNTOWN DEVELOPMENT AUTHORITY	43,170.76	0.00	0.00	43,170.76		
250	LOCAL DEVELOPMENT FINANCE AUTHORITY	0.00	0.00	0.00	0.00		
270	THOMPSON MUSEUM FUND	0.00	0.00	0.00	0.00		
271	LIBRARY FUND	0.00	0.00	0.00	0.00		
272	THOMPSON LIBRARY FUND	0.00	0.00	0.00	0.00		
273	MUSEUM FUND	11,429.51	45.70	109.46	11,365.75		
412	INDUSTRIAL PARK FUND	14,093.44	56.88	0.00	14,150.32		
444	2021 CAPITAL IMPROVEMENT BOND FUND	116,153.02	468.54	0.00	116,621.56		
592	WATER AND SEWER FUND	387,259.94	221,599.38	133,791.15	475,068.17		
661	MOTOR VEH AND EQUIP FUND	137,191.25	10,585.94	42,754.13	105,023.06		
703	PROPERTY TAX COLLECTION	4,005.53	86,057.31	90,062.84	0.00		
704	IMPREST PAYROLL FUND	29,769.59	231,489.89	260,210.37	1,049.11		
809	SIDEWALK FUND	16,952.12	68.36	0.00	17,020.48		
	TOTAL - ALL FUNDS	2,258,485.54	1,055,897.10	1,046,422.98	2,267,959.66		

08/01/2024 03:29 PM  
User: MEGAN  
DB: Hudson

CHECK REGISTER FOR CITY OF HUDSON  
CHECK DATE FROM 07/17/2024 - 08/01/2024

Page: 1/2

Check Date	Check	Vendor Name	Invoice Vendor	Amount
Bank CNB - CNB- PROPERTY TAXES				
08/01/2024	1344	LENAWEE INT SCHOOL DISTRICT	LENAWEE INT SCHOOL DISTRICT	9,857.27
08/01/2024	1345	LENAWEE COUNTY TREASURER PROP	LENAWEE COUNTY TREASURER PROP	30,819.75
08/01/2024	1346	CITY OF HUDSON	CITY OF HUDSON	35,874.77
08/01/2024	1347	HUDSON AREA SCHOOLS	HUDSON AREA SCHOOLS	13,511.05
CNB - TOTALS:				
Total of 4 Checks:				90,062.84
Less 0 Void Checks:				0.00
Total of 4 Disbursements:				90,062.84

Check Date	Check	Vendor Name	Invoice Vendor	Amount
Bank CNB-C CNB--COMBINED ACCOUNT				
07/19/2024	104680	JEFF VANDERLOOVEN	JEFF VANDERLOOVEN	95.38
07/19/2024	104681	TIMOTHY JEWELL	TIMOTHY JEWELL	58.66
07/19/2024	104682	CR Motor Sales	CR Motor Sales	669.75
07/19/2024	104683	STATE OF MICHIGAN EGLE	STATE OF MICHIGAN EGLE	848.00
07/19/2024	104684	McGOWAN ELECTRIC SUPPLY	McGOWAN ELECTRIC SUPPLY	864.57
07/19/2024	104685	McGOWAN ELECTRIC SUPPLY	McGOWAN ELECTRIC SUPPLY	1.09
07/19/2024	104686	McGOWAN ELECTRIC SUPPLY	McGOWAN ELECTRIC SUPPLY	102.55
07/19/2024	104687	MICHIGAN CHAMBER SERVICES	INCMICHIGAN CHAMBER SERVICES INC	256.00
07/19/2024	104688	SHRADER TIRE & OIL	SHRADER TIRE & OIL	356.00
07/19/2024	104689	SNAP-ON TOOLS	SNAP-ON TOOLS	167.50
07/19/2024	104690	UNIFIRST CORPORATION	UNIFIRST CORPORATION	59.38
07/22/2024	104691	B S & A SOFTWARE	B S & A SOFTWARE	2,002.00
07/22/2024	104692	BRINER OIL CO INC	BRINER OIL CO INC	773.50
07/22/2024	104693	BRINER OIL CO INC	BRINER OIL CO INC	620.50
07/22/2024	104694	CR Motor Sales	CR Motor Sales	91.95
07/22/2024	104695	ELHORN ENGINEERING COMPANY	ELHORN ENGINEERING COMPANY	625.00
07/22/2024	104696	LAFONTAINE CHRYSLER DODGE JEEF	LAFONTAINE CHRYSLER DODGE JEEF	32,062.00
07/22/2024	104697	MAGIC FOUNTAIN AUTO WASH	MAGIC FOUNTAIN AUTO WASH	300.00
07/22/2024	104698	QUADIENT FINANCE USA, INC.	QUADIENT FINANCE USA, INC.	1,000.00
07/23/2024	104699	VICTORIA HEAD	VICTORIA HEAD	200.00
07/23/2024	104700	HEIDI HUNKELE	HEIDI HUNKELE	200.00
07/23/2024	104701	GRAINGER	GRAINGER	43.82
07/23/2024	104702	GRAINGER	GRAINGER	7.00
07/23/2024	104703	GRAINGER	GRAINGER	100.93
07/23/2024	104704	MICHIGAN MUNICIPAL TREASURERS	MICHIGAN MUNICIPAL TREASURERS	399.00
07/23/2024	104705	NEXT GENERATION AUTOMOTIVE	NEXT GENERATION AUTOMOTIVE	337.60
07/23/2024	104706	NEXT GENERATION AUTOMOTIVE	NEXT GENERATION AUTOMOTIVE	69.49
07/23/2024	104707	PENN CARE, INC.	PENN CARE, INC.	237.90
07/25/2024	104708	BEAVER RESEARCH COMPANY	BEAVER RESEARCH COMPANY	225.96
07/25/2024	104709	BORTONS SAND AND GRAVEL	BORTONS SAND AND GRAVEL	5,000.00
07/25/2024	104710	CFS INSPECTIONS	CFS INSPECTIONS	329.60
07/25/2024	104711	ETNA SUPPLY	ETNA SUPPLY	350.00
07/25/2024	104712	ETNA SUPPLY	ETNA SUPPLY	820.00
07/25/2024	104713	TC'S HARDWARE & RENTAL INC	TC'S HARDWARE & RENTAL INC	23.99
07/25/2024	104714	USA BLUE BOOK	USA BLUE BOOK	282.25
07/26/2024	104715	BRINER OIL CO INC	BRINER OIL CO INC	506.86
07/26/2024	104716	ETNA SUPPLY	ETNA SUPPLY	114.45
07/26/2024	104717	HUDSON AUTO CENTER	HUDSON AUTO CENTER	3.78
07/26/2024	104718	METAL METHODS MANUFACTURING	METAL METHODS MANUFACTURING	300.00
07/26/2024	104719	MICHIGAN GAS UTILITIES	MICHIGAN GAS UTILITIES	756.66
07/29/2024	104720	ALL SPRAY, LTD.	ALL SPRAY, LTD.	152.00
07/29/2024	104721	BECKY KOSER	BECKY KOSER	200.00
07/29/2024	104722	NICOLE CHASE	NICOLE CHASE	200.00
07/29/2024	104723	BIOTECH	BIOTECH	20,255.40
07/29/2024	104724	CITY OF HUDSON	CITY OF HUDSON	566.25
07/29/2024	104725	GRAINGER	GRAINGER	27.64
07/29/2024	104726	GRAINGER	GRAINGER	113.09
07/29/2024	104727	HAVILAND PRODUCTS COMPANY	HAVILAND PRODUCTS COMPANY	2,052.80
07/29/2024	104728	HBC LAWN SERVICE, LLC	HBC LAWN SERVICE, LLC	2,600.00
07/29/2024	104729	PETTY CASH	PETTY CASH	127.35
07/29/2024	104730	USA BLUE BOOK	USA BLUE BOOK	829.95
07/29/2024	104731	UNIQUE PAVING MATERIALS	UNIQUE PAVING MATERIALS	939.40
07/30/2024	104732	COUNTY NATIONAL BANK	COUNTY NATIONAL BANK	28,204.72
07/30/2024	104733	GRAINGER	GRAINGER	226.09
07/30/2024	104734	MEBULBS	MEBULBS	309.05
07/30/2024	104735	METROPOLITAN COMPOUNDS, INC.	METROPOLITAN COMPOUNDS, INC.	495.02
08/01/2024	104736	BRINER OIL CO INC	BRINER OIL CO INC	962.09
08/01/2024	104737	HILLSDALE COUNTY TREASURER	HILLSDALE COUNTY TREASURER	560.00
08/01/2024	104738	LENAAWEE COUNTY TREASURER	LENAAWEE COUNTY TREASURER	76.50
08/01/2024	104739	THEE OLD MILL	THEE OLD MILL	87.97

CNB-C TOTALS:

Total of 60 Checks:	110,248.44
Less 0 Void Checks:	0.00
Total of 60 Disbursements:	110,248.44

REPORT TOTALS:

Total of 64 Checks:	200,311.28
Less 0 Void Checks:	0.00
Total of 64 Disbursements:	200,311.28



**PLANNING COMMISSION  
121 N. CHURCH STREET – HUDSON MI  
REGULAR MEETING  
July 22, 2024 at 6:30 pm**

The Regular Meeting was called to order by Chairperson Brad VandeZande at 6:30 p.m.

ROLL CALL: PRESENT: Jack Donaldson, Rob Hall, George Race, Will Terrill, Sean Williams and Brad VandeZande

ABSENT: None

OTHERS: City Manager Charles Weir and City Clerk Jeaniene McClellan

**ORDERS OF THE DAY:**

**Setting the Agenda:**

Motion by Rob Hall seconded by George Race, to **add Tractor Supply Company project signage review under New Business Item C.** CARRIED by voice vote.

**Minutes dated June 3, 2024:**

Motion by Rob Hall seconded by Jack Donaldson, to **approve the minutes dated June 3, 2024 and place on file.** CARRIED by voice vote.

**NEW BUSINESS:**

**Solar Panel Ordinance:**

On June 3, 2024, the commissioners made changes to the Solar Panel Ordinance. The changes were made and had the commissioners review the ordinance before going to Council for approval.

Discussion only

**Renting to Parents or Children - Exemption:**

The City has had a rental program for many years now and it was brought to our attention that the waiver for people who has purchased homes for family members was never taken to Planning Commission or Council for approval.

Discussion only – there will be no changes at this time.

**Tractor Supply Company project signage review:**

Tractor Supply Company has sent in an application for a new sign for their store. The commissioners were given a copy of the signage for their review.

Discussion only -

**VISITORS BEFORE COMMISSION:**

No Visitors

**COMMISSION COMMENTS:**

**ADJOURNMENT:**

Motion by Rob Hall, seconded by George Race, to **adjourn the meeting at 6:59 p.m.**

ATTEST: \_\_\_\_\_

Jeaniene McClellan, City Clerk

# RECREATION ADVISORY BOARD

121 N. Church Street, Hudson, MI 49247

REGULAR MEETING

Minutes of July 29, 2024

The Recreation Advisory Board meeting was called to order by John Kirkland at 6:02 p.m.

Roll Call: Present: Elizabeth Comiskey, George Race, John Kirkland, and Roger Clark  
Absent: Nicole Chase and Nikki Cleveland

Others Present: Ryan Isenhower, City Manager Charles Weir, and City Clerk Jeaniene McClellan.

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## ORDERS OF THE DAY:

### Excuse Absent Members:

Motion by John Kirkland, seconded by Roger Clark to **approve to excuse absent members from the meeting**, CARRIED by voice vote.

### Setting the Agenda:

Motion by John Kirkland, seconded by Elizabeth Comiskey to **add under New Business Item A, Resolution for Kris Eschedor for all the help with the Recreation Master Plan with Gratitude**, CARRIED by voice vote.

### Minutes:

Motion by Elizabeth Comiskey, seconded by Roger Clark to **approve the minutes of June 10, 2024, and place on file**, CARRIED by voice vote.

## NEW BUSINESS:

### Recreation Master Plan:

John Kirkland would like to have a resolution written for Kris to let her know how much they really appreciated her and all her help with the Recreation Master Plan.

Motion by John Kirkland, seconded by Elizabeth Comiskey to **give Kris Eschedor a resolution for all her help on the 5 year plan with gratitude**, CARRIED by voice vote.

## OLD BUSINESS:

### Recreation Master Plan:

City Manager Charles Weir went through the master plan with the members and after the corrections made the master plan will be ready for the 30 day public view. After the public has a chance to review the plan and make comments, the plan will be ready for City Council's approval.

**VISITORS BEFORE THE BOARD:**

Ryan Isenhowe from the Hudson's baseball league let the members know they have raised money to fix the baseball fields and would like to make the dugouts bigger. All the work on the fields will be done by the parents of the kids and the community.

*The members thought that would be a great idea and gave Mr Isenhowe permission to go ahead and get the building permit through the city for the new dugouts.*

**BOARD COMMENTS:**

The next meeting will be September 9, 2024 at 6:00 pm.

**ADJOURNMENT:**

**Adjourn the meeting at 6:51 p.m.**

ATTEST:

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Jeaniene McClellan, City Clerk



## City Manager Report

August 6, 2024

- The city receptionist position is now open due to Kris Eschedor accepting a position with Veterans Affairs in Adrian. We thank Kris for her service with the City of Hudson and wish her well.  
The city is accepting applications for the receptionist position until August 9<sup>th</sup>. We are looking at possibly filling the 40 hours a week with two part-time employees, or one full-time employee if it can be done with or less than what has been budgeted for the position this current fiscal year.
- I have not heard from REI Global about their potential project in the Industrial Park. They are not returning my phone calls or emails. Lenawee Now also has had no response from them. It is unknown if they are moving forward any further at this point.
- Jay, Josh and I met with Ken Wesley of UIS SCADA on July 26<sup>th</sup> about pricing and options to move forward with the SCADA upgrades at the Wastewater and Water Treatment Plants due to the city not receiving the grant funding. We are likely at this point to focus our attention on the Wastewater plant due to it needing more. The WWTP SCADA was supposed to be included in the 2018 upgrade but was cut due to funding at the time. We will be using the dollars that the city was going to use for the match under the grant for the SCADA upgrade. The upgrades at both plants will have to be stretched out over the next two or three years.
- DPW has repaired three water line leaks over the past two weeks, and it appears that the city is saving about 30,000 gallons a day due to the repairs. This is saving the city money by treating less water and wastewater.
- The sidewalk repairs around City Hall and the Fire Department are underway. We are in the process of getting quotes for seal coating the city parking lots and some of the trails.

Charlie