



CITY COUNCIL MEETING AGENDA

April 7, 2016

Marc D. Tall, Mayor
Ronald J. Beauchamp, Mayor Pro-Temp
Patricia A. Baribeau, Council Member
Ralph B. Blasier, Council Member
Michael R. Sattlem, Council Member

James V. O'Toole, City Manager
Robert S. Richards, CMC City Clerk
Ralph B. K. Peterson, City Attorney

City Council Chambers located at: City Hall – 410 Ludington Street – Room C101 – Escanaba MI 49829

The Council has adopted a policy to use a Consent Agenda, when appropriate. All items with an asterisk (*) are considered routine by the City Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council Member or citizen so requests, in which event, the item will be removed from the General Order of Business and considered in its normal sequence on the Agenda.

Regular Meeting

Thursday, April 7, 2016, at 7:00 p.m.

CALL TO ORDER

ROLL CALL

INVOCATION/PLEDGE OF ALLEGIANCE -

Pastor Chris Johnson of Christ the King Lutheran Church

APPROVAL/CORRECTION(S) TO MINUTES -

Regular Meeting – March 17, 2016

APPROVAL/ADJUSTMENTS TO THE AGENDA

CONFLICT OF INTEREST DECLARATION(S)

AWARD PRESENTATION(S) -

Certificates of Commendation – 2016 Escanaba Hawks Riverside Bantam Hockey Team – Bantam State Champions

BRIEF PUBLIC COMMENT(S)

PUBLIC HEARING(S) - None

NEW BUSINESS

1. Approval – Sludge Pump Replacement – WasteWater Treatment Plant.

Explanation: Administration is seeking Council approval to purchase two (2) sludge pumps from Crane Engineering of Kimberly, WI in an amount not to exceed \$13,834. This replacement equipment is not specifically included in the current fiscal year budget but will be paid for under the operations and maintenance line item of the Wastewater budget.

2. Approval - Delta County Commerce Center – Cabela’s National Team Championship Walleye Tournament.

Explanation: The Delta County Commerce Center is seeking Council approval to utilize the Marina, Northshore Boat Launch and Ludington Park, including the Aronson Island Boat Launch, from May 19-21, 2016 for the Cabela’s National Team Championship Walleye Tournament. Additionally, the Commerce Center is requesting complimentary launch passes for the Angler, city-supplied portable toilets, cold patching of ramps, the use of traffic cones and barricades, trash barrels, electric service, floating dock placement, set up and tear down assistance from Marina staff and traffic control from the Department of Public Safety if needed.

APPOINTMENTS

BOARD, COMMISSION, AND COMMITTEE REPORTS

GENERAL PUBLIC COMMENT

ANNOUNCEMENTS -

Arbor Day Proclamation: April 29, 2016

First Presbyterian Church 150th Year Anniversary: April 24, 2016

ADJOURNMENT

Respectfully Submitted

James V. O'Toole
City Manager

**OFFICIAL PROCEEDINGS
CITY COUNCIL
CITY OF ESCANABA, MICHIGAN
Regular Council Meeting
Thursday, March 17, 2016**

The meeting was called to order by the Honorable Mayor Marc D. Tall at 7:00 p.m. in the Council Chambers of City Hall located at 410 Ludington Street.

Present: Mayor Marc D. Tall, Council Members, Patricia A. Baribeau, Ronald J. Beauchamp, Ralph B. Blasier, and Michael R. Sattem.

Absent: None

Also Present: City Manager James V. O'Toole, City Department Heads, media, and members of the public.

Pastor Jacob Comer of New Life Assembly of God Church, gave the invocation and led Council in the Pledge of Allegiance.

Beauchamp moved, Blasier seconded, **CARRIED UNANIMOUSLY**, to approve Regular Meeting Minutes from March 3, 2016, as submitted.

ADJUSTMENTS TO THE AGENDA

Sattem moved, Baribeau seconded, **CARRIED UNANIMOUSLY**, to approve the City Council Agenda as submitted.

CONFLICT OF INTEREST DECLARATION – None

AWARD PRESENTATION(S)

Certificates of Commendation

Mayor Tall presented the Escanaba Area Hockey Association Pee Wee Hockey Team members and Coaching Staff Certificates of Achievement and Proclamations on their achievement as the Pee Wee Hockey Michigan State Champions.

BRIEF PUBLIC COMMENT – None

PUBLIC HEARINGS

Public Hearing – Citizen Participation – 2016/17 Fiscal Year Budget Preparation.

Each year the City Council holds public hearings to facilitate input from its citizens for the City's next fiscal year budget. This was the third of five (5) scheduled public hearings.

This being a public hearing, Mayor Tall asked if there was any public comment.

Charles Lindquist, from the Delta County Historical Society, thanked the City for their help over the years and asked for continued support in the upcoming 2016/17 Fiscal Year Budget.

Hearing no further public comment, Mayor Tall closed the public hearing.

Public Hearing – CDBG Downtown Façade Grant Application.

A public hearing was conducted on the City of Escanaba's Downtown Community Development Block Grant Façade Grant application. In the application the City of Escanaba, in partnership with the Downtown Development Authority, proposed to rehabilitate six (6) downtown building facades. Administration sought Council approval to submit the application to the Michigan Economic Development Corporation for consideration and approval. City Manager O'Toole, Downtown Development Director Ed Legault, and Blaine DeGrave provided a quick overview of the proposed project.

This being a public hearing, Mayor Tall asked if there was any public comment.

Hearing no public comment, Mayor Tall closed the public hearing.

PH-2 By Council Member Beauchamp, seconded by Council Member Sattem;

**AUTHORIZING RESOLUTION
FOR SUBMISSION OF CDBG DOWNTOWN FAÇADE GRANT APPLICATION**

WHEREAS, the City of Escanaba, Michigan, has been invited to submit an application for Community Development Downtown Façade Community Development Block Grant funds; and

WHEREAS, this CDBG grant application is for improvements to the facades of six identified business in downtown Escanaba; and

WHEREAS, this downtown façade project is consistent with the Community Development Plan of the City of Escanaba.

NOW THEREFORE BE IT RESOLVED by the Escanaba City Council to submit an application for \$831,029 in Community Development Block Grant funds to be used for improvements to the facades of six business in downtown Escanaba; and

BE IT FURTHER RESOLVED, that completion of these improvements will principally benefit at least 51% low and moderate income persons in the target area; and

BE IT FURTHER RESOLVED, that the Escanaba City Council adopts the Community Development Plan; and

BE IT FURTHER RESOLVED, that the City of Escanaba recognizes that a local match from the business owners in the amount of \$293,301 will be required; and

BE IT FURTHER RESOLVED, that local and other funds to be invested in this project have not been expended and will not be expended prior to grant award, completion of environmental review procedures, and written authorization to incur costs from the Michigan Economic Development Corporation; and

BE IT FURTHER RESOLVED, that James V. O'Toole, City Manager, is authorized to sign all documents pertaining to this application for funding.

Upon a call of the Roll, the vote was as follows:

Ayes: Beauchamp, Sattem, Blasier, Baribeau, Tall
Nays: None

RESOLUTION DECLARED ADOPTED.

NEW BUSINESS

Update – Michigan Tax Tribunal.

Council was updated on activities related to the Michigan Tax Tribunal Decision which impacted the City of Escanaba. City Manager O'Toole provided a history of the Tax Tribunal Hearing regarding the Dark Store decision. The Tax Tribunal Judge Mr. Marcus Abood evolved with writing the decision, term expired, and was expected to be reappointed by Governor Rick Snyder. Manager O'Toole read a letter sent to Governor Snyder asking Governor Snyder to withdraw Mr. Abood's appointment. (See Attachment – A)

Blasier moved, Sattem seconded, to approve the letter as written be sent to the Governor Snyder and Legislative Representatives.

Upon a call of the roll, the vote was as follows:

Ayes: Blasier, Sattem, Baribeau, Beauchamp, Tall
Nays: None

MOTION CARRIED.

Consent Agenda- Approval – Use of Public Spaces – Community Events.

Administration recommend Council approval of the following community events

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utilizing public space with the following conditions: 1) Proper insurance was provided naming the City of Escanaba and 2) The event sponsors provide all labor and material to clean up at the conclusion of the event.

- a) Request from the Bays De Noc Gobblers to use the Marina on Saturday, August 6, 2016 from 9:00 a.m. to 4:00 p.m. for their Recreating in the Great Outdoors event.
- b) Request from the Pink Pumpkin to use the Ludington Park Pavilion for the Pink Pumpkin Cancer Awareness 5K on Saturday, October 1, 2016 from 8:00 a.m. to 3:00 p.m.
- c) Request from the Delta County Suicide Prevention Taskforce to use the Ludington Park Pavilion for the End the Silence Walk on Saturday, September 10, 2016 from 7:00 a.m. to 3:00 p.m.
- d) Request from the Holy Name Elementary School to use the south parking lot on Aronson Island for the Crusaders Triathlon on August 20, 2016 from 5:00 a.m. to 2:00 p.m.
- e) Request from the Bonifas Arts Center to use the Ludington Park Karas Bandshell area for the Waterfront Art Festival on August 5 and 6, 2016 from 7:00 a.m. to 6:00 p.m.
- f) Request from City Administration to utilize the Marina for Marina Fest 2016 on July 30 and August 1, 2016 from 8:00 a.m. to 10:00 p.m.
- g) Request from City Administration to utilize the Municipal Dock for the Rock the Dock 2016 events on July 2, 2016 and August 6, 2016 from 9:00 a.m. to 10:00 p.m.
- h) Request from Walk in the Park to utilize the Ludington Park Pavilion for a Walk in the Park event on June 25, 2016 from 7:30 a.m. to 1:00 p.m.
- i) Request from the Great Lakes Sports Fishing Club to utilize the Ludington Park and Marina area for a Walleye Fishing tournament on August 6, 2016 from 7:00 a.m. to 4:30 p.m.
- j) Request from the Great Lakes Sports Fishing Club to utilize and Ludington Park and Marina area for a Kid's Fishing Derby on August 13, 2016 from 10:00 a.m. to 2:00 p.m.
- k) Request from the Bay De Noc Great Lakes Sportsfishermen, Inc. to utilize the Karas Bandshell for the Angler Young Angler Walleye tournament on June 11, 2016 from 6:00 a.m. to 8:00 p.m.
- l) Request from the Paul Mitchell the School in Escanaba to use the Ludington Park Tennis Court/Pavilion area for the Cut/Color Run 2016 on April 30, 2016 from 8:00 a.m. to 12:00 p.m.

- m) Request from the Delta County Amateur Radio Society to use the north end of Aronson Island for the Delta County Amateur Radio Society Field Day from June 25, 2016 to June 26, 2016 from 9:00 a.m. to 4:00 p.m.

NB-2(a-m) Sattem moved, Blasier seconded, to approve the consent agenda items as proposed, contingent upon proper insurance was provided naming the City of Escanaba, and event sponsors provide all labor and material to clean up at the conclusion of the event.

Upon a call of the roll, the vote was as follows:

Ayes: Sattem, Blasier, Baribeau, Beauchamp, Tall
Nays: None

MOTION CARRIED.

Approval – Sanitation Bid – Parks and Recreation.

Administration sought Council approval to retain Stenberg Brother's, Inc. of Bark River, Michigan, for sanitation services/portable restrooms for City parks, ball fields, and special events at their quoted prices through March 31, 2017.

NB-3 Blasier moved, Baribeau seconded, to approve to retain Stenberg Brother's, Inc. of Bark River, Michigan, for sanitation services/portable restrooms for City parks, ball fields, and special events at their quoted prices through March 31, 2017.

Upon a call of the roll, the vote was as follows:

Ayes: Blasier, Baribeau, Sattem, Beauchamp, Tall
Nays: None

MOTION CARRIED.

Approval – 2016 Summer Season - Concession Bid.

Administration sought Council approval to award Territory #2 Concession area in Ludington Park to Sticky Fingers Confections.

NB-4 Beauchamp moved, Sattem seconded, to approve to award 2016 Territory #2 Concession area in Ludington Park to Sticky Fingers Confections.

Upon a call of the Roll, the vote was as follows:

Ayes: Beauchamp, Sattem, Baribeau, Blasier, Tall
Nays: None

MOTION CARRIED.

Approval – Independence Day Fireworks Bid.

Administration sought Council approval to retain Wolverine Fireworks of Kawkawlin, Michigan, in the amount of \$10,000 for the annual 4th of July fireworks display. It was further requested Council authorize the contract amount to increase equal to community donations received for the fireworks display.

NB-5 Blasier moved, Sattem seconded, to approve to retain Wolverine Fireworks of Kawkawlin, Michigan, in the amount of \$10,000 for the annual 4th of July fireworks display, and furthermore, that the contract amount to increase equal to community donations received for the fireworks display.

Upon a call of the roll, the vote was as follows:

Ayes: Blasier, Sattem, Baribeau, Beauchamp, Tall

Nays: None

MOTION CARRIED.

Approval – Resolution of Support - Michigan Natural Grant Fund – Downtown Marketplace Neighborhood Playground.

Administration sought Council approval of a resolution to submit a grant application to the Michigan Natural Resources Trust Fund in the amount of \$64,500 for the development and installation of a new neighborhood playground to be located adjacent to the Downtown Market Place on Ludington Street and South 15th Street.

NB-6 By Council Member Baribeau, seconded by Council Member Beauchamp;

**RESOLUTION OF SUPPORT ENDORSING THE CITY OF ESCANABA'S
APPLICATION TO THE MICHIGAN NATURAL RESOURCES TRUST FUND GRANT**

WHEREAS, the City of Escanaba supports the submission of an application titled, "Escanaba Marketplace Play and Park Structure" to the Michigan Natural Resources Trust Fund Grant Program for development of a new play and park structure in the amount of \$64,500 (75% of the total project of \$86,000) to coincide with the new \$1.3 million Escanaba Marketplace new construction project; and

WHEREAS, the proposed application is supported by the Community's Five-Year Recreation Plan, City of Escanaba Master Plan and the Five-Year Capital Improvement Plan; and

WHEREAS, the City of Escanaba and/or the Downtown Development Authority has made a financial commitment to the Escanaba Marketplace Play and Park Structure development project in the amount of \$21,500 for the Michigan Natural Resources Trust Fund Grant and \$1.3 million to the new construction of the Escanaba Marketplace; and

WHEREAS, The City of Escanaba and the Downtown Development Authority are committed to improving the need for additional neighborhood parks which are seen as a valuable asset for use and enjoyment by residents, tourists and visitors; and

WHEREAS, the City of Escanaba agrees to maintain satisfactory financial accounts, documents and records to make them available for auditing; and

WHEREAS, the City of Escanaba agrees to construct the project and provide such funds, services and materials as may be necessary to satisfy the terms of the grant agreement; and

WHEREAS, the development of a new Escanaba Marketplace Play and Park Structure will be located at Ludington Street and South 15th Street; and is centrally located within the City boundary; and

WHEREAS, the City of Escanaba strongly supports the submission of a Michigan Natural Resources Trust Fund Grant application and the project in its entirety; and

NOW THEREFORE, BE IT RESOLVED, that the City of Escanaba hereby authorizes submission of a Michigan Natural Resources Trust Fund Grant application for \$64,500, and further resolves to make available a local match through financial commitment and donation of \$21,500 for the development of a new Escanaba Marketplace Play and Park Structure and \$1.3 million for the Escanaba Marketplace new construction during the 2016-17 fiscal year.

Ayes: Baribeau, Beauchamp, Blasier, Sattem, Tall
Nays: None

RESOLUTION DECLARED ADOPTED.

Approval – Resolution of Support – Michigan Department of Natural Resources Recreation Passport Grant – Downtown Marketplace Neighborhood Playground.

Administration sought Council approval of a resolution to submit a grant application to the Michigan Department of Natural Resources Recreation Passport Grant Program in the amount of \$45,000 for the development and installation of a new neighborhood playground to be located adjacent to the Downtown Market Place on Ludington Street and South 15th Street.

NB-7 By Council Member Blasier, seconded by Council Member Sattem;

**RESOLUTION OF SUPPORT ENDORSING THE CITY OF ESCANABA'S
APPLICATION TO THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES
RECREATION PASSPORT GRANT**

WHEREAS, the City of Escanaba supports the submission of an application titled, "Escanaba Marketplace Play and Park Structure" to the Recreation Passport Grant

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Program for development of a new play and park structure in the amount of \$45,000 (maximum allowed) to coincide with the new \$1.3 million Escanaba Marketplace new construction project; and

WHEREAS, the proposed application is supported by the Community's Five-Year Recreation Plan, City of Escanaba Master Plan and the Five-Year Capital Improvement Plan; and

WHEREAS, the City of Escanaba and/or the Downtown Development Authority has made a financial commitment to the Escanaba Marketplace Play and Park Structure development project in the amount of \$41,000 for the Michigan Department of Natural Resources Recreation Passport Grant and \$1.3 million to the new construction of the Escanaba Marketplace; and

WHEREAS, The City of Escanaba and the Downtown Development Authority are committed to improving the need for additional neighborhood parks which are seen as a valuable asset for use and enjoyment by residents, tourists and visitors; and

WHEREAS, the City of Escanaba agrees to maintain satisfactory financial accounts, documents and records to make them available for auditing; and

WHEREAS, the City of Escanaba agrees to construct the project and provide such funds, services and materials as may be necessary to satisfy the terms of the grant agreement; and

WHEREAS, the development of a new Escanaba Marketplace Play and Park Structure will be located at Ludington Street and South 15th Street; and is centrally located within the City boundary; and

WHEREAS, the City of Escanaba strongly supports the submission of the Recreation Passport Grant application and the project in its entirety; and

NOW THEREFORE, BE IT RESOLVED, that the City of Escanaba hereby authorizes submission of a Recreation Passport Grant Program application for \$45,000, and further resolves to make available a local match through financial commitment and donation of \$41,000 for the development of a new Escanaba Marketplace Play and Park Structure and \$1.3 million for the Escanaba Marketplace new construction during the 2016-17 fiscal year.

Ayes: Blasier, Sattem, Baribeau, Beauchamp, Tall
Nays: None

RESOLUTION DECLARED ADOPTED.

Presentation – Escanaba Downtown Development Authority – 2015 End of Year Report.

Chairperson Sue Parker of the Downtown Development Authority presented the

2015 Downtown Development Authority Year End report. (See Attachment – B)

APPOINTMENT(S) TO CITY BOARDS, COMMISSIONS, AND COMMITTEES – None

BOARD, COMMISSION, AND COMMITTEE REPORTS

Council Members reviewed City Board and Commission meetings each attended since the last City Council Meeting.

GENERAL PUBLIC COMMENT

DDA Director Ed Legault thanked Council and citizen's for all their support and partnership with the City of Escanaba.

Zoning Inspector Blaine DeGrave wished to thank CUPPAD Representative Peter VanStein for all his work on the City of Escanaba Downtown Projects.

ANNOUNCEMENTS

Mayor Tall Read a Proclamation proclaiming April 5, 2016 as Recognition Day for National Service, and recognized volunteers of the Foster Grant Program, Senior Companion Program, and Retired Senior Volunteer programs.

- The FIRST Robotics tournament at Escanaba High School was scheduled for Friday, March 18th and Saturday, March 19th;

Hearing no further public comment, the Council adjourned at 8:02 p.m.

Respectfully submitted

Robert S. Richards, CMC
City Clerk

Approved: _____
Marc D. Tall, Mayor



March 17, 2016

Governor Rick Snyder
P.O. Box 30013
Lansing, MI 48909

RE: Michigan Tax Tribunal Re-appointment of Marcus Abood

Dear Governor Snyder:

We were surprised and alarmed to have learned that you recently announced the re-appointment of Mr. Marcus Abood to the Michigan Tax Tribunal. For the reasons discussed below, we strongly oppose this appointment and ask that you withdraw the appointment.

Mr. Abood has been the principal author of a range of "Dark Store" decisions, in which the Tribunal has used deed restricted sales of vacant property to value brand new operating stores that do not have a deed restriction. This comparison has caused Mr. Abood to reach valuation for big box stores and other stores of national retail chains that are anywhere from 100% to 300% lower than any surrounding states, and indeed, any state in the United States.

Mr. Abood is the author of several decisions claiming that seller-imposed deed restrictions do not affect marketing of the property or its sale price. The deed restrictions in these cases are anti-competitive. The restrictions are imposed after a big box retailer decides to leave a property and seek to prevent any local business from purchasing it preventing any commercial use property. One of those decisions is the *Menards vs. City of Escanaba* case that is currently on appeal. Mr. Abood is the only tax adjudicator nationally to have adopted this point of view.

Mr. Abood is also notable for his categorical rejection of State Tax Commission mandated valuation methodologies.

These decisions reflect his experience. Mr. Abood had no legal background as an expert in tax cases before his appointment to the Tribunal. He has neither assessing certification nor assessing experience and lacks attendance at any assessing classes. Significantly, his nearly exclusive experience has been as a *residential property appraiser in the Lansing area*. He brings no significant known past experiences as a *commercial or industrial appraiser* to the Tribunal.

We are concerned that Mr. Abood will continue to write in those areas in which he lacks education and experience, namely in complex commercial and industrial cases.

Though we do not know what criteria you and your administration used to select Mr. Abood, we would suggest that many other options continue to exist particularly given the Tribunal's rather public opposition to local units and its disparagement of its current assessor member. We are not alone in viewing the Tribunal's many statements and its current practices as reflecting bias. Part of the proof is in values that were determined with respect to national big box retailers. They are not within the range of reason but remain the lowest in the United States by over 100%. They are aberrant. They reflect either bias or incompetence.

Mission Statement:



Enhancing the enjoyment and livability of our community by providing quality municipal services to our citizens.

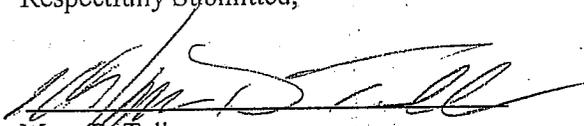
The City of Escanaba is an equal opportunity employer and provider.

To correct a perception that the Administration disparages local units of government, and with respect to the Tribunal, actually discriminates against local units, we believe that there are many options for you and your Administration to consider. There are highly qualified assessors who are attorneys. There are many highly qualified assessors who are appraisers – with the same or higher certification than Mr. Abood, and all with vastly greater experience in commercial and industrial appraisals. Some of these assessors are retired. Similarly there are many experienced and qualified municipal attorneys, some with assessment qualifications that could assist. That these options appear to have been uniformly excluded for a leading proponent of the Dark Store Theory is, whether intended or not, biased.

Particularly given the national discussion of the Michigan Tax Tribunal's singular and dramatic valuation of national big box retailers, we believe that this appointment was a mistake and that you should withdraw Mr. Abood's appointment immediately. We further request that you and your Administration continue to search for a qualified, neutral Tribunal member, with appropriate litigation experience and temperament and in that context should consider the appointment of an assessor to the "At-Large" position. We have reached out to various organizations representing local units of government and will be reaching out to various Legislators to request that the Senate hold a hearing on this appointment.

We need your support on this and other issues and we would like to have the confidence in knowing that you share our desire. Mr. Abood's appointment is an important test of that desire.

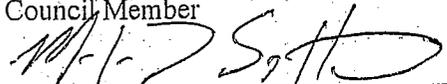
Respectfully Submitted,



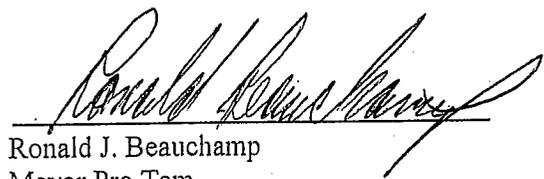
Marc D. Tall
Mayor



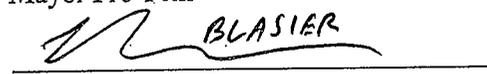
Patricia A. Baribeau
Council Member



Michael R. Sattlem
Council Member



Ronald J. Beauchamp
Mayor Pro Tem



Ralph B. Blasier
Council Member

cc: Mr. David Nyberg
Northern Michigan Office
234 W Baraga Avenue
Marquette, MI 49855

State of Michigan Senator's
Representative David Maturen
Representative Jeff Farrington
Representative Ed McBroom
Representative Jon Kivela
Representative Scott Dianda

ATTACHMENT- B

DOWNTOWN DEVELOPMENT AUTHORITY GOALS, OBJECTIVES & ACCOMPLISHMENTS

PURPOSE OF REPORT:

The DDA Rule of Procedure 2.7 requires the DDA Board to review its 2015 year's performance against its 2015 goals & objectives and report its progress to the City Council. The rule also requires the DDA Board to set goals and objectives for 2016. The purpose of this report is to advise the City Council of the DDA's 2015 performance and 2016 goals & objectives.

DDA's 2015 Performance:

1) Strengthen DDA's Strategic Partnerships - We feel that we have greatly improved the linkages & communication with our most critical partners to effectively achieve our goals. Our strategic partners would include: City of Escanaba, Delta County Chamber of Commerce, Escanaba Downtown Business Partners, Bonifas Fine Arts Center, Bay de Noc Master Gardeners & Esky Grows. The DDA has added critical partnerships in 2015 working with CUPPAD, UPCAP, the Community Action Agency and several State Agencies on varied projects.

2) Certifications, Assessments & Recognition – The DDA has partnered with the City of Escanaba to gain inclusion in the following programs.

- (RRC) Redevelopment Ready Communities – Escanaba is the only city in the UP to be approved for inclusion in this MEDC program. The program is designed to give feedback and ideas to streamline our policies, ordinances & processes. The City continues to use the feedback from the RRC team to improve or enhance our Public Participation Plan, updating The City Master Plan as we look to become RRC certified.
- Community for a Lifetime – Escanaba & UPCAP submitted an application and has been approved for inclusion in the Community for a Lifetime program. The program will help the City of Escanaba self-evaluate itself on several key factors as we continue to move forward as an age friendly community.

3) Improve Communication, Transparency & Media Relations – We feel it is critical to get our message out to the community so they understand our direction, projects & activities. We use several methods of communication to achieve this goal, including our open door policy in our center.

- Social Media – The DDA makes use of Facebook and an internal website to share information and documents with the public. We have made many positive changes to the DDA website adding news content regarding the DDA & Escanaba, video like the 2015 Christmas parade & our events page carries many Civic & Community Events in one location. Connectivity with the City website makes it easier to find our information.
- News Media – The DDA's message has been carried on print, radio, internet & TV on a regular basis. We have developed a great relationship with our media partners. They have done a great job getting our story out to the citizens.

- National Media – We have continued to share some of our stories and events with National media outlets that have picked up our story and put Escanaba on a larger stage.
- Civic Organizations – DDA Administration has frequently attended Civic Organizational meetings giving presentations regarding our strategies and projects. These meetings have been very helpful spreading our message. (Rotary, Kiwanis, High School ISD Business Class, Delta Force Leadership Group, City Manager's Call)

4) Downtown Events & Sponsorships – We are moving more of our activities from promotional to physical, bricks and mortar infrastructure as we move forward. There are still some events and sponsorships that we continue to support.

- Major Events – 1) Ribfest as part of the Fun Run, 2) "Rock the Dock" Community Events, 3) Center Court Community Christmas Tree Lighting, 4) Marinafest, 5) Christmas Parade, 6) Second Annual Pasty Drop & Fireworks on New Year's Eve
- Event Sponsorships – 1) Sidewalk Sales Days, 2) "Black Friday on Tuesday" Christmas Shopping Kickoff, 3) Delta County Chess Club Tournament, 4) Annual Downtown Clean-up
- Promotional Event Support – did media promotions for some local events and participated in promotional materials, maps & magazines promoting our community.

5) Downtown Infrastructure & Seasonal Maintenance – The DDA supports many aspects of the overall Infrastructure, Maintenance and Curb Appeal for Downtown.

- Funds the maintenance & snow removal for 8 DDA controlled parking lots near Ludington.
- Plants large floral arrangements at the entrance to downtown to welcome visitors
- Provided Downtown banners promoting the different seasonal views of Escanaba
- The DDA provides plowing of the main parts of the sidewalks on Ludington from 2nd Street to Stevenson Avenue.
- Provides administrative support for the "Farmer's Market" including all utilities, phone, internet access for bridge card customers. We also supply the restrooms. The Esky Grows gardens receive assistance at the site as well.
- Sponsors the costs (\$10,000) associated with the purchase, installation & removal of the Christmas Garland and lights downtown.
- Paid the upfront costs (\$25,000) of the Ludington Street Storm Sewer Study by C2AE to try to eliminate the flooding conditions. Plans are being updated by C2AE for the Saw Grant Application and priority of work to be completed.
- Conducted a public Charrette regarding possible uses and a vision for the redevelopment for the Northern Michigan Bank building as part of the RRC initiatives.

6) DDA Center Court Enhancements - The DDA has had a few different goals over the years regarding Center Court enhancements that were never executed. We have completed a few and look to expand the improvements as we move into 2016.

- Repainted the interior of Center Court to give it a clean fresh look. We will be completing some other interior repairs during 2016 on the building.

7) DDA Goals from 2015 – The DDA 2015 goals have been re-stated with a completion, change or update.

Goals & Objectives for 2015

1. Downtown Escanaba Income Survey – The survey results were completed in Feb 2015 to update Escanaba's Low to Moderate Income score with the MEDC. The process for the State's Certification of our results was followed and our LMI score has been updated by the MEDC. The City of Escanaba is now eligible for the MEDC's Community Development Block Grant. Our score will remain in effect for the next several years.
2. Downtown Building Façade Improvement Program – The 2015 businesses that decided to move forward in the program after our LMI score was updated. The six projects that are in the program total \$1.4 million in investment into our downtown. The MEDC issued a "Letter of Interest" for our projects making a commitment of up to \$960,648 dollars. We will look to start construction in late spring 2016. The Façade program is available for communities that seek to improve/restore buildings to support movement towards a traditional downtown. Grants are available where improvements can sustain and minimize deterioration of commercial/mixed-use properties that have a significant impact on the downtown community. The program is administered through the Michigan Economic Development Corporation (MEDC) utilizing funds received from the US Department of Housing and Urban Development (HUD).
3. Escanaba Market Place Project – The DDA has reviewed architectural drawings completed by Barry Polzin for a pavilion type structure and grounds to be located on Ludington & 15th Streets. We received a "Letter of Interest" from the MEDC for the project and a grant commitment of \$487,000 toward construction. The DDA will be filling the gap of the remaining part of the project. The total project is \$1.1 million. We will look forward to construction start up in late spring of 2016.
4. Street Scape Activities – The DDA & City will move forward on plans for Ludington Street repairs. The City will use a MDOT Grant for the 3rd to 9th Street repairs. The DDA will contribute an anticipated cost of \$275,000 to repair 14th to Stevenson. A repair plan for 9th to 14th Streets is

still being reviewed based on the Water Study that is currently being conducted for repairs in that area.

5. Business Incubator Site Strategy – creating a Business Incubator process that could be utilized to grow new businesses downtown is also a key objective for 2015. The DDA decided to make this a stand-alone project in 2014, but needed to change the vision to make the project executable. The DDA will promote a process for fledgling start-up businesses that will provide mentoring from DDA Board Members and other volunteer business owners, referrals to Michigan Works for a business plan review session, and possible promotion of their product. The mentoring strategy has worked out well and we had several discussions with prospective business owners.
6. Central Retail Commercial District Requirements – The DDA will complete a review of the requirements and responsibilities for businesses within the Central Retail Commercial District. They are in Chapter 21 of Escanaba's Property Maintenance Code. A review of permitted uses, a check list of responsibilities at start & close of any business, as well as some other additions as seen fit. Recommendations would be forwarded to the City Council. The goal will be moved forward to the 2016 goals.
7. DDA Master Plan – The DDA will do an extensive review of our DDA Master Plan as part of the City's update. The DDA will also review our 2020 Vision and Mission Statement to ensure we are aligned with our partners for the future. This project is a work in process and has an anticipated completion within 2016.
8. Downtown Parking Improvements – The DDA has completed the parking lot re-branding with “a sense of place” with new signage that will tell a historical story & picture regarding the space of each parking lot in the DDA's administration. All signage will be consistent regarding downtown parking. All directional parking signs have been updated as well with the new design.

Goals & Objectives for 2016

1. Downtown Building Façade Improvement Program – We expect to start the construction phase of the 2015 Façade projects at the start of the construction season for 2016. Bids will be posted for the projects in March 2016. The DDA will enroll a 2016 class of Façade projects in March of 2016.
2. Escanaba Market Place Project – The DDA has reviewed architectural drawings completed by Barry Polzin for a pavilion type structure and grounds to be located on Ludington & 15th Streets.

We anticipate a late spring construction start for the project with a projected completion date of July 15th to August 15th 2016.

3. Street Scape Activities – The DDA & City will move forward on plans for Ludington Street repairs in 2016. The City will use a MDOT grant to fund repairs from 3rd to 9th streets. The DDA will support repairs from 14th to Stevenson with a financial contribution. The contribution will be based on repair strategy and budget availability not to exceed \$275,000. A repair plan for 9th to 14th streets will be completed after a Water Study and plan is complete. The plan will highlight problem areas that will need construction. Other activities would possibly include planning for parklets in the downtown area, based on vacant lots or blighted buildings.
4. Downtown Communication Plan – The DDA Director will be making visits to all of the downtown businesses throughout the year a priority. It has been difficult to meet everyone through sessions in meetings. The director will also be attending as many civic & networking events as possible to meet more of the business owners.
5. Priority Development Projects – The DDA will assist the City on identifying priority development projects in the downtown area. The information will be able to be marketed by the RRC. The DDA website will also carry this content. The info would include picture, building information and any zoning information that would assist a developer.
6. Downtown Parking Improvements – The DDA will be completing the final phase of the improvements which will consist of sealing and restriping the lots. Based on budget we will complete as many as possible in 2016, with the remaining lots completed in 2017.
7. Center Court Improvements & Repairs – during 2016, final repairs to the interior of the building and improvement to the grounds will take place. We will be installing handicap accessible picnic tables on the grounds and remove the ‘Military Heroes’ sign based on the years of malicious destruction to the sign. A military appreciation sign will be installed at Veteran’s Park in the future.
8. Zoning Changes for Downtown- The DDA conducted public hearings regarding: 1) permitted use in the central retail district, 2) possibly extending the central retail district, 3) Parking requirements for mixed use projects downtown. The information will be reviewed by the DDA Board and any changes will be presented to the City Council in 2016.
9. Blighted Property Plan – The DDA will be pulling together a list of blighted properties and will work with the MEDC to see what funds are available to fight blight in the downtown. The DDA will create a priority work plan based on budget to be implemented in the 2017/2018 fiscal year.
10. Educational Opportunities - The DDA Director will be looking to educational course to enhance grant opportunities as well as planning for downtown during 2016.
11. DDA Master Plan & Vision – while the City is revising the Master Plan the DDA will also have a Master Plan Revision based on feedback from the City’s process. The DDA will also update the 2020 Vision document based on future enhancements to downtown.
12. Business Incubator Strategy - The DDA will promote a process for fledgling start-up businesses that will provide mentoring from DDA Board Members and other volunteer business owners, referrals to Michigan Works for a business plan review session, and possible promotion of their product. The mentoring strategy has worked out well and we had several discussions with prospective business owners.

NB #1
CC 4/7/16

**Wastewater
Department**

Memo

To: Jim O'Toole, City Manager

From: Jeff Lampi, W & WWTP Supt. *JL*

Date: 3/12/16

Re: Sludge Pump Replacement

Jim:

As discussed; two of our four Sludge pumps are in very poor shape. We conducted tests and they are far from what we would call acceptable. These pumps are used to pump the primary sludge to the digesters, and are critical for our operation. Both pumps being replaced are over 40 years old have been rebuilt a time or two, and it's time for more routine maintenance on them. However; due to complications and difficulties in getting parts, it has become apparent that it is more cost effective to simply replace rather than to repair.

The cost to rebuild these pumps have been quoted to be around \$4,600 - \$5,000 per pump, with new replacement quotes at that time of ~\$7,660 each.

I have sent out the necessary Bids to replace two of our Sludge pumps. I have listed each contractor along with the short summary of the bids submitted. Attached you will find the complete bid tabulation and all back up the contractors provided in their bids

Crane Engineering; Kimberly, WI	\$13,834.00
K&M Industrial LLC; Escanaba, MI	\$24,936.00
Vacuum, Pump, & Compressor Inc: Green Bay, WI	\$20,634.00

After reviewing all the information submitted by the vendors, I would like to recommend the purchasing of Crane's pump indicated within their bid.

With your approval I would like to award the contract to Crane Engineering of Kimberly WI to provide and install two (2) new Sludge Pumps as per the specifications' listed in the RFP at a cost not to exceed **\$13,834.00**. Because this is an unplanned pump failure; money has not been budgeted for this activity. However money is available within the wastewater fund for situations like this.

Pc: Melissa Becotte, City Controller

BIDDER'S PROPOSAL

ESCANABA WASTEWATER PLANT PRIMARY SLUDGE PUMP – 2016

DATE: 3-2-2016

City of Escanaba
Escanaba, Michigan 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan ALL MATERIALS AND LABOR TO REPLACE THE EXISTING # 2 & #3 PRIMARY SLUDGE PUMPS AT THE ESCANABA WASTEWATER TREATMENT PLANT, in accordance with the attached minimum specifications, which are part of this proposal, at the following price:

BID:

Bid amount to furnish and install two (2) Primary Sewage Pumps:

\$ 20,634.00

Amount of Bid Bond enclosed:

\$ 2,500.00

Double mechanical seal # 2,980.00

Please include the following items with the bid:

Contractor's written "plan-checklist" to fulfill the bid requirements, including date of installation

Proof of Insurance coverage

Factory Specification sheet of proposed pumps

Factory Pump Curve

SUBMITTED BY:

FIRM: Vacuum, Pump & Compressor Inc.

ADDRESS: 907 North Military Ave

BY: Dale Braun

PRINTED: Dale Braun

TITLE: President

PHONE: 920-662-1113 FAX: 920-662-1116



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/1/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

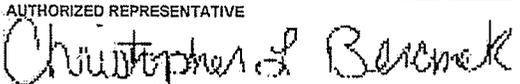
PRODUCER Ansay & Associates, LLC. GB 419 South Washington Street PO Box 22368 Green Bay WI 54305	CONTACT NAME: Debra Enigl PHONE: (A/C No., Ext): 920-370-4240 FAX: (A/C. No.): 920-437-4179 E-MAIL ADDRESS: debra.enigl@ansay.com
	INSURER(S) AFFORDING COVERAGE
INSURED VACUPUM-01 Vacuum Pump & Compressor Inc 907 N Military Avenue Green Bay WI 54303	INSURER A: Cincinnati Insurance Company NAIC #: 10677
	INSURER B:
	INSURER C:
	INSURER D:
	INSURER E:
	INSURER F:

COVERAGES **CERTIFICATE NUMBER: 89160576** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATION MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC.		EPP 0008461	1/27/2016	1/27/2017	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COM/OP AGG \$2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		EBA 0008461	1/27/2016	1/27/2017	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$0		EPP 0008461	1/27/2016	1/27/2017	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N / A		EWV 0297855	1/27/2016	1/27/2017	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$500,000 E.L. DISEASE - EA EMPLOYEE \$500,000 E.L. DISEASE - POLICY LIMIT \$500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Certificate holder is included as an Additional Insured per written contract on the General Liability per GA233 0207

CERTIFICATE HOLDER City of Escanaba Wastewater Treatment Plant PO Box 948 Escanaba MI 49829	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--



VACUUM, PUMP & COMPRESSOR INC.
907 N. MILITARY AVENUE
GREEN BAY, WI 54303
PHONE: (920) 662-1113
FAX: (920) 662-1116
TOLL FREE: 1-800-361-6713

March 3, 2016

City of Escanaba
City Clerk
PO Box 948
Escanaba, MI 49829

Reference: Escanaba Wastewater Plant Primary Sludge Pump -2016

- 1- We are quoting a Continental Model 1CG10-CDQ pump which is a bolt in replacement to the existing 1SWG-10 pump.
- 2- Since our pump is designed to be hydraulically the same as the existing pump and the speed would also be the same, the gallons per minute should be the same. At the meeting we did not witness the flow rate and were not given the design conditions other than 60 gallons per minute.
- 3- Our pump is a gear style drive.
- 4- Estimated installation date from approved order is about 4 weeks with a standard packed pump. Add about 2 weeks for a pump with mechanical seal.
- 5- Adder for a double mechanical is \$2,980.00 total. This would cover both pumps. The double seal would prevent water from entering the sludge. Packing would also have the same function.
- 6- One year warranty on equipment and installation.

Thank you for your consideration of our equipment and services, if any questions arise feel free to call me at 800-361-6713.

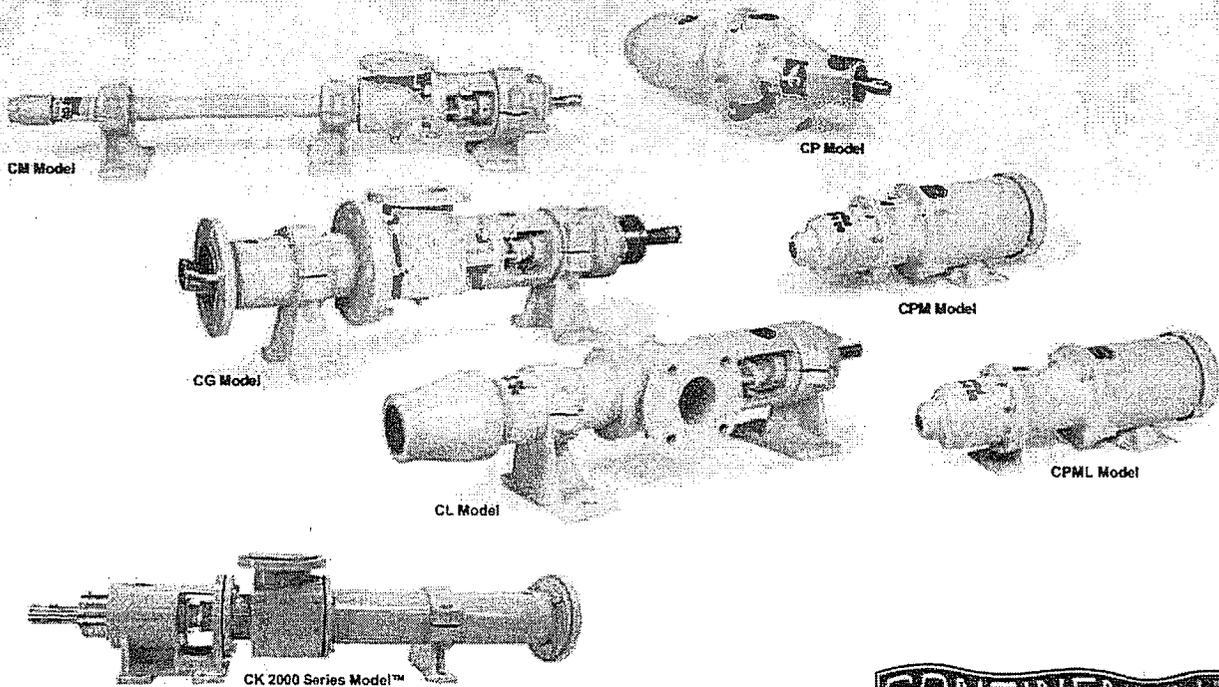
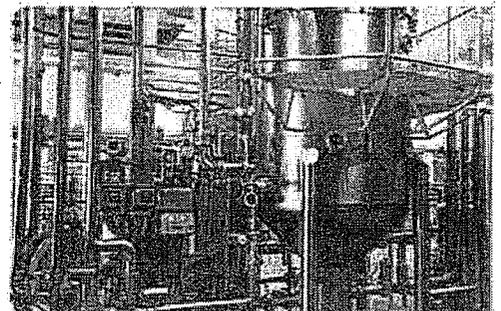
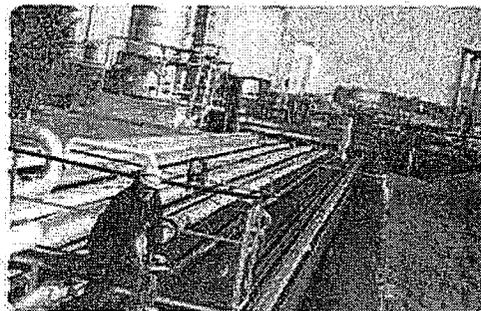
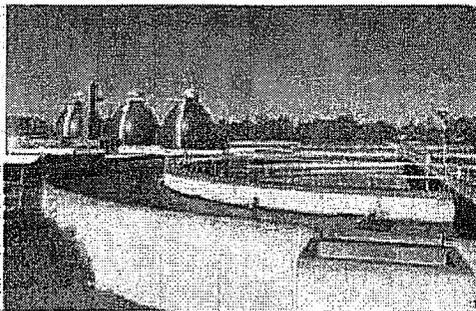
Best Regards,

Dale Braun

CONTINENTAL

PROGRESSIVE CAVITY PUMPS

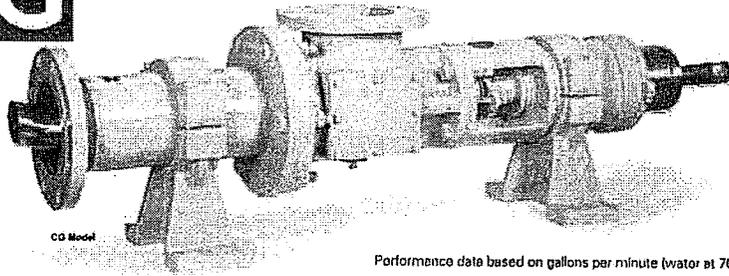
QUALITY FROM START TO FINISH



All Moyno® Parts, models and identification numbers are listed for reference purposes only. Continental Pump Co., Inc. is not affiliated with or a representative of neither Moyno® nor its parent company.

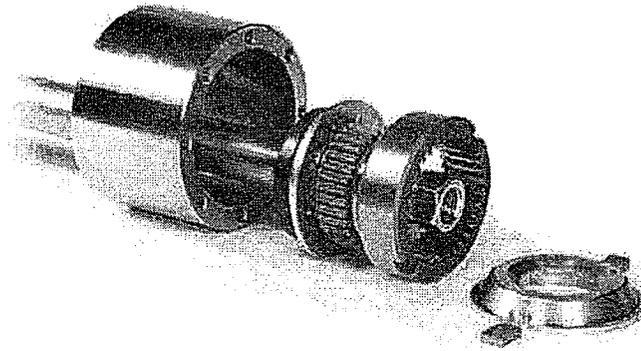
CONTINENTAL
PROGRESSIVE CAVITY
ULTRAPUMP

MODEL CG



CG Model

Performance data based on gallons per minute (water at 70°F)



MODEL CG

Model CG pumps are designed to handle the heavier applications of sewage, industrial waste, polluted liquids, and sludges. Incorporated into the metal-cased pump is a unique drive train using gear joint connections to the rotor and drive shaft.

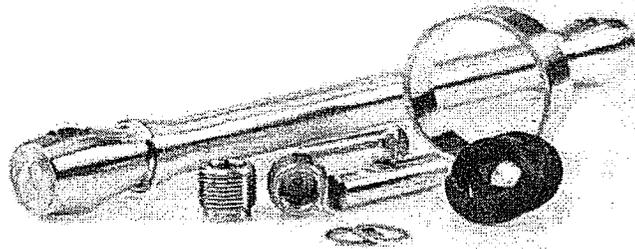
FRASE SIZE	GALLONS PER MIN.	PUMP SPEED RPM	120 RPM		180 RPM		240 RPM		300 RPM		360 RPM		420 RPM		
			Flow GPM	Head ft.											
1CG8	11.7	0	12	2 1/2	17	1	20	1 1/2	23	1 1/2	27	2	31	2 1/2	
		25	3	13	2 1/4	19	1 1/2	22	1 1/2	25	2	29	2 1/2	33	3
		50	1	14	1 1/2	18	1 1/2	21	1 1/2	24	2	28	2 1/2	32	3
2CG8	11.7	0	12	1	17	1 1/2	22	2	27	2	32	2	37	2	
		25	1	13	1 1/2	18	1 1/2	22	2	27	2	32	2	37	2
		50	2	14	2	19	2	23	2	28	2	33	2	38	2
3CG8	11.7	0	14	2	19	2	24	2	29	2	34	2	39	2	
		25	2	15	2	20	2	25	2	30	2	35	2	40	2
		50	2	16	2	21	2	26	2	31	2	36	2	41	2
1CG10	18.8	0	18	1	23	1 1/2	28	1 1/2	33	1 1/2	38	1 1/2	43	1 1/2	
		25	1	19	1 1/2	24	1 1/2	29	1 1/2	34	1 1/2	39	1 1/2	44	1 1/2
		50	1	20	1 1/2	25	1 1/2	30	1 1/2	35	1 1/2	40	1 1/2	45	1 1/2
2CG10	18.8	0	18	2	23	2	28	2	33	2	38	2	43	2	
		25	2	19	2	24	2	29	2	34	2	39	2	44	2
		50	2	20	2	25	2	30	2	35	2	40	2	45	2
3CG10	18.8	0	14	3	22	3	27	3	32	3	37	3	42	3	
		25	3	15	3	23	3	28	3	33	3	38	3	43	3
		50	3	16	3	24	3	29	3	34	3	39	3	44	3
1CG10H	27.7	0	28	1	33	1 1/2	38	1 1/2	43	1 1/2	48	1 1/2	53	1 1/2	
		25	1	29	1 1/2	34	1 1/2	39	1 1/2	44	1 1/2	49	1 1/2	54	1 1/2
		50	1	30	1 1/2	35	1 1/2	40	1 1/2	45	1 1/2	50	1 1/2	55	1 1/2
2CG10H	27.7	0	30	2	35	2	40	2	45	2	50	2	55	2	
		25	2	31	2	36	2	41	2	46	2	51	2	56	2
		50	2	32	2	37	2	42	2	47	2	52	2	57	2
1CG12	43.5	0	42	3	47	3	52	3	57	3	62	3	67	3	
		25	3	43	3	48	3	53	3	58	3	63	3	68	3
		50	3	44	3	49	3	54	3	59	3	64	3	69	3
2CG12	43.5	0	42	5	47	5	52	5	57	5	62	5	67	5	
		25	5	43	5	48	5	53	5	58	5	63	5	68	5
		50	5	44	5	49	5	54	5	59	5	64	5	69	5
3CG12	43.5	0	40	7 1/2	45	7 1/2	50	7 1/2	55	7 1/2	60	7 1/2	65	7 1/2	
		25	7 1/2	41	7 1/2	46	7 1/2	51	7 1/2	56	7 1/2	61	7 1/2	66	7 1/2
		50	7 1/2	42	7 1/2	47	7 1/2	52	7 1/2	57	7 1/2	62	7 1/2	67	7 1/2
1CG12H	65.2	0	60	5	65	5	70	5	75	5	80	5	85	5	
		25	5	61	5	66	5	71	5	76	5	81	5	86	5
		50	5	62	5	67	5	72	5	77	5	82	5	87	5
2CG12H	65.2	0	60	8	65	8	70	8	75	8	80	8	85	8	
		25	8	61	8	66	8	71	8	76	8	81	8	86	8
		50	8	62	8	67	8	72	8	77	8	82	8	87	8

PARTS

Continental Pump provides replacement parts for some of the most common progressive cavity pump manufacturers. With growing relationships with other pump manufacturers, we offer other types of replacement pumps and parts.

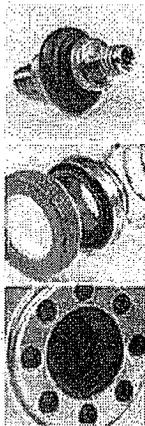
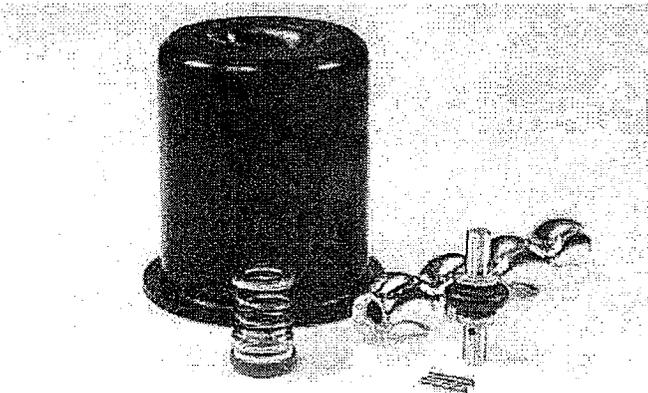
Connecting Rod Kits

Connecting Rods are used in our standard CL and CM models. The kits are available in either carbon steel or stainless steel components as well as connecting rod washers of Buna Nitrile, EPDM, Natural Rubber or Viton®.



CP "Wobble Stator" Pump Rebuild Kits

Continental CP model rebuild kits are offered in 3 different types of elastomers: Buna Nitrile, EPDM, Viton® and stainless steel metal components. Other options consist of mechanical seal or packed seal and pinned or threaded flex joint, drive shaft and rotor.

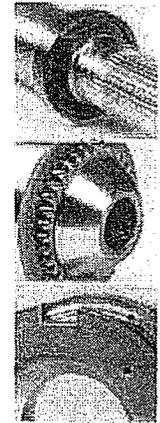
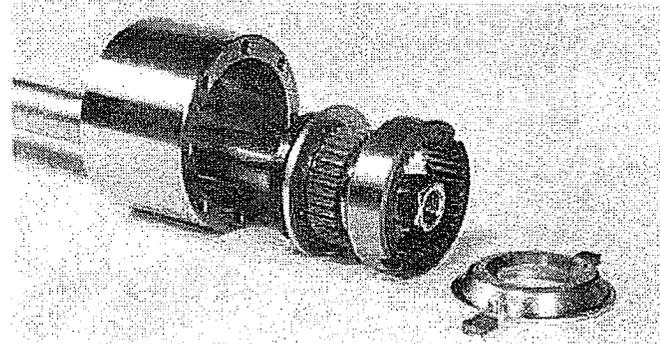


Viton® is the registered trademark of E I du Pont de Nemours and company or its affiliates.

PARTS

Gear Joint Kits

Continental CG Model pumps have a more unique drive train which uses two crown gear joint connections for those rugged pumps. It consists of a spined connecting rod with a bell and ring gear, along with front and rear thrust pistons which help make a very strong connection between the rotor and driveshaft.



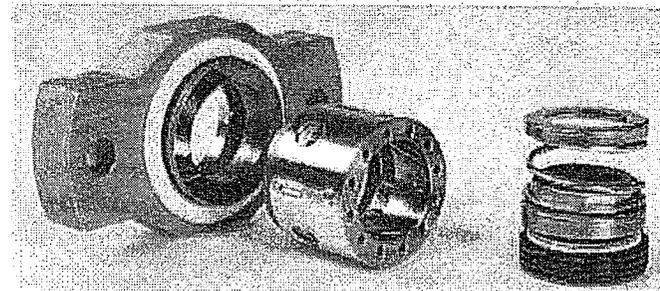
Sealing Options

Whether it is application based or personal preference Continental can provide you with many options.

- Component Seal and Gland
- Mechanical Seals
- Graphite and Teflon Packing Sets

Upgrade your mechanical seal to a hard-faced seal for abrasive applications.

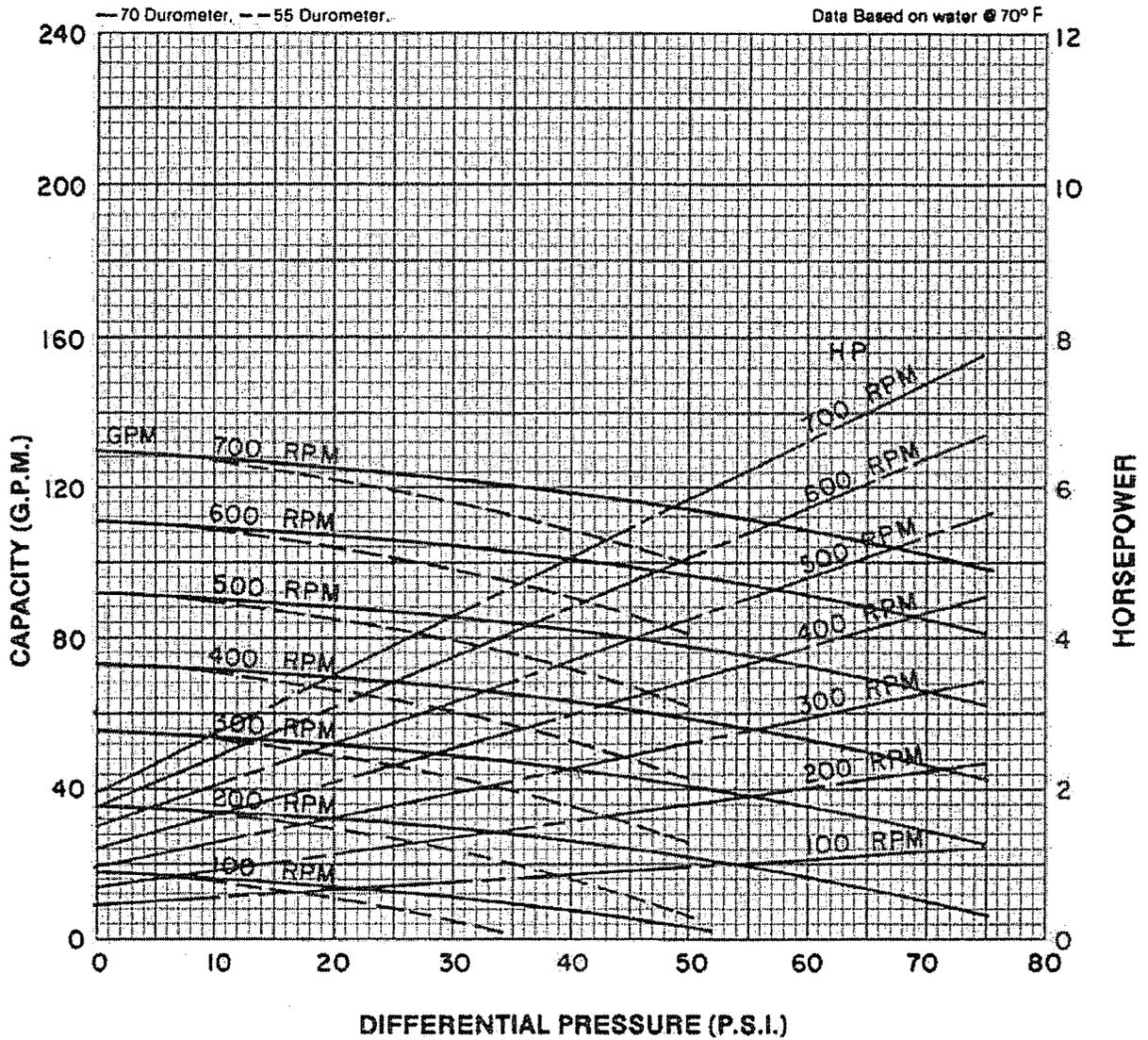
A stator barrier is a great option for negative vacuum applications. Contact your Continental Pump representative to see which options will be suitable for your application.





PERFORMANCE DATA
MODEL: 1CG10

RPM	100	200	300	400	500	600	700
NPSH REQ'D	.9	1.7	2.6	3.5	4.9	6.9	9.1
MIN. HP	1	1 1/2	2	3	5	5	5





CROSS REFERENCE

Model or Frame Designation

ALL ARE 1, 2 & 3 STAGE PUMPS WITH THE EXCEPTION OF THE 10H/ 12H, ONLY AVAILABLE IN 1 & 2 STAGE.

CONTINENTAL		MOYNO®
CG8		SWG8
CG10		SWG10
CG10H		SWG10H
CG12		SWG12
CG12H		SWG12H

All Moyno® Part, model and identification numbers are listed for reference purposes only. Continental Pump Co, Inc. is not affiliated with or a representative of neither Moyno® nor its parent company. Please contact one of our application specialists at (636)-456-6006 M-F 8AM-5PM CST for more information.

Materials of Construction

	Continental Letter Key	Moyno Letter Key	Materials
Pump Body	C	C	Cast Iron
Rotor	D	D	Chrome Plated Alloy Steel
Stator	Q	Q	Buna Nitrile
	R	R	Natural Rubber
	B	B	EPDM
	C	C	Carbon Steel
	S	S	316 Stainless Steel
	F	F	Viton
Internal Parts	C	C	Carbon Steel
	AF	AF	Anti-Friction Bearings
	HS	HS	Hardened Steel

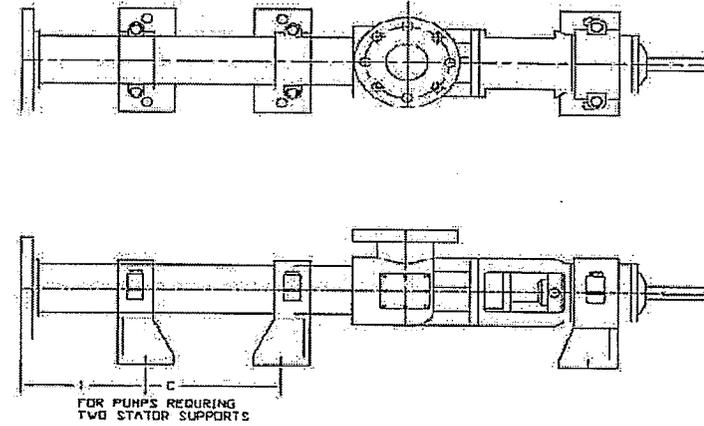
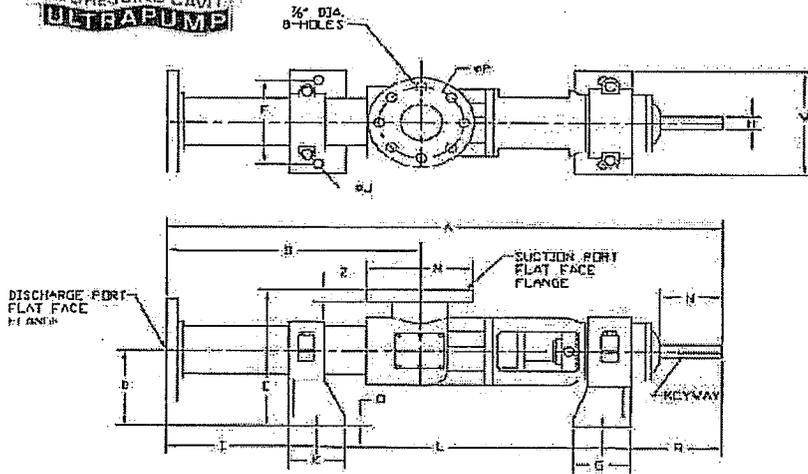
Continental Pump Company

29425 State Hwy B | Warrenton, Missouri 63383 | Tel: 636-456-6006 | Fax: 636-456-4337 | Email: sales@con-pump.com

www.continentalultrapumps.com



Dimensions & Weights
Model CG- Heavy Duty Pumps



PUMP SIZE	DIMENSIONS (INCHES)																				KEYWAY	WEIGHT (LBS.)	PORT SIZE	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	W	Z			SUCTION	DISCHARGE
1CG8	52-3/4	19-1/2	-	9-3/4	16-11/16	9	5	1-7/8	6-1/8	7/8	5	31	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	450	6"	5"
2CG8	65-3/16	31-15/16	-	9-3/4	16-11/16	9	5	1-7/8	15-9/16	7/8	5	34	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	545	6"	5"
3CG8	77-5/8	44-3/8	27	9-3/4	16-11/16	9	5	1-7/8	6	7/8	5	29	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	596	6"	5"
1CG10	50-11/16	17-7/16	-	9-3/4	16-11/16	9	5	1-7/8	5-1/16	7/8	5	30	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	492	6"	6"
2CG10	61-1/8	27-7/8	-	9-3/4	16-11/16	9	5	1-7/8	10-1/2	7/8	5	35	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	580	6"	6"
3CG10	71-7/16	38-3/16	18	9-3/4	16-11/16	9	5	1-7/8	7-13/16	7/8	5	30	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	615	6"	6"
1CG10H	56	22-3/4	-	9-3/4	16-11/16	9	5	1-7/8	10-3/8	7/8	5	30	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	494	6"	6"
2CG10H	71-7/16	38-3/16	18	9-3/4	16-11/16	9	5	1-7/8	7-13/16	7/8	5	30	11	5	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 2-3/4	615	6"	6"
1CG12	63-3/4	24-3/4	-	12-1/2	21	12-5/8	6	2-1/4	8-1/4	1	6	37-1/2	13-1/2	5-3/8	7/8	11-3/4	1-1/8	18	14-1/2	1-1/8	1/2 x 4	960	8"	8"
2CG12	79-7/16	40-7/16	18	12-1/2	21	12-5/8	6	2-1/4	5-15/16	1	6	37-1/2	13-1/2	5-3/8	7/8	11-3/4	1-1/8	18	14-1/2	1-1/8	1/2 x 4	1155	8"	8"
3CG12	95-1/16	56	27	12-1/2	21	12-5/8	6	2-1/4	8-1/16	1	6	42	13-1/2	5-3/8	7/8	11-3/4	1-1/8	18	14-1/2	1-1/8	1/2 x 4	1285	8"	8"
1CG12H	71-9/16	32-9/16	-	12-1/2	21	12-5/8	6	2-1/4	11-9/16	1	6	42	13-1/2	5-3/8	7/8	11-3/4	1-1/8	18	14-1/2	1-1/8	1/2 x 4	1025	8"	8"
2CG12H	95	56	27	12-1/2	21	12-5/8	6	2-1/4	8	1	6	42	13-1/2	5-3/8	7/8	11-3/4	1-1/8	18	14-1/2	1-1/8	1/2 x 4	1285	8"	8"

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REV. 4/20/12



Dimensions & Weights

CG Model

PUMP	DIMENSIONS (INCHES)																				KEYWAY	WEIGHT (LBS.)	PORT SIZE	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	W	Z			SUCTION	DISCHARGE
1CG8	52-3/4	19-1/2	-	9-3/4	16-11/16	9	5	1-7/8	6-1/8	7/8	5	31	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	450	6"	5"
2CG8	65-3/16	31-15/16	-	9-3/4	16-11/16	9	5	1-7/8	15-9/16	7/8	5	34	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	545	6"	5"
3CG8	77-5/8	44-3/8	27	9-3/4	16-11/16	9	5	1-7/8	6	7/8	5	29	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	596	6"	5"
1CG10	50-11/16	17-7/16	-	9-3/4	16-11/16	9	5	1-7/8	5-1/16	7/8	5	30	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	492	6"	6"
2CG10	61-1/8	27-7/8	-	9-3/4	16-11/16	9	5	1-7/8	10-1/2	7/8	5	35	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	580	6"	6"
3CG10	71-7/16	38-3/16	18	9-3/4	16-11/16	9	5	1-7/8	7-13/16	7/8	5	30	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	615	6"	6"
1CG10H	56	22-3/4	-	9-3/4	16-11/16	9	5	1-7/8	10-3/8	7/8	5	30	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	494	6"	6"
2CG10H	71-7/16	38-3/16	18	9-3/4	16-11/16	9	5	1-7/8	7-13/16	7/8	5	30	11	5-3/8	7/8	9-1/2	1-1/8	15-5/8	11-1/2	1	1/2 X 3 1/2	615	6"	6"
1CG12	63-3/4	24-3/4	-	12-1/2	21	12-5/8	6	2-1/4	8-1/4	1	6	37-1/2	13-1/2	6-1/8	7/8	11-3/4	1-1/8	18	14-1/2	1	1/2 X 4	960	8"	8"
2CG12	79-7/16	40-7/16	18	12-1/2	21	12-5/8	6	2-1/4	5-15/16	1	6	37-1/2	13-1/2	6-1/8	7/8	11-3/4	1-1/8	18	14-1/2	1	1/2 X 4	1155	8"	8"
3CG12	95-1/16	56	27	12-1/2	21	12-5/8	6	2-1/4	8-1/16	1	6	42	13-1/2	6-1/8	7/8	11-3/4	1-1/8	18	14-1/2	1	1/2 X 4	1285	8"	8"
1CG12H	71-9/16	32-9/16	-	12-1/2	21	12-5/8	6	2-1/4	11-9/16	1	6	42	13-1/2	6-1/8	7/8	11-3/4	1-1/8	18	14-1/2	1	1/2 X 4	1025	8"	8"
2CG12H	95	56	27	12-1/2	21	12-5/8	6	2-1/4	8	1	6	42	13-1/2	6-1/8	7/8	11-3/4	1-1/8	18	14-1/2	1	1/2 X 4	1285	8"	8"

Dimensions are for reference only.

Do not use above dimensions for limited space installations, request certified drawing.

Ø = diameter

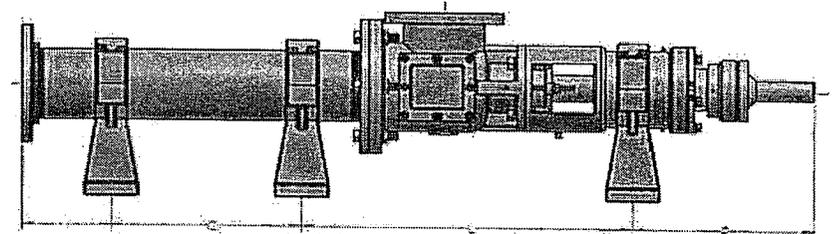
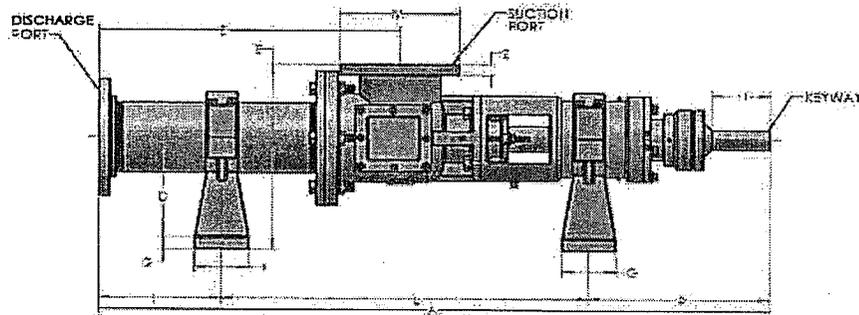
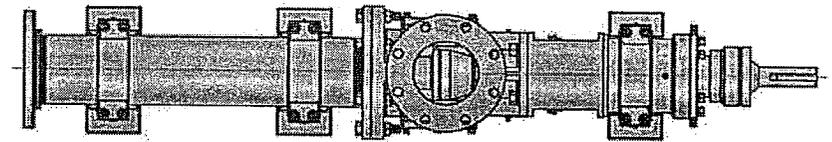
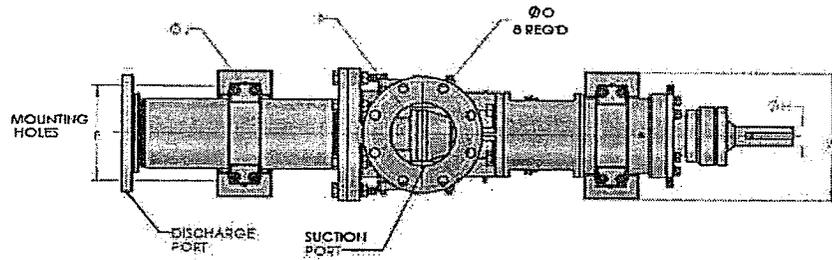
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CG Model



FOR PUMPS REQUIRES
TWO STATOR SUPPORTS

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Installation and Operational Instructions for Continental Models CP, CL, CM, and CG

1. **Dry friction is harmful to Progressing Cavity Pumps. Do no operate the pump until it is filled with the liquid to be pumped.** This liquid serves as a lubricant and as a seal between the rotor and stator and is not a priming operation. Approximately 10% of the pump's displacement rating will satisfy the cooling and lubricant requirements until full displacement capacity is attained.
2. Mount the pump on a properly machined and fabricated steel base that is anchored with bolts on a level solid foundation.
3. **Alignment of direct driven pumps** that are driven by a motor or a speed reducer should be carefully checked after the pump base has been mounted on the foundation. Check the alignment of the coupling halves with a straight edge. Alignment should be checked at least four points 90° around the O.D. of the coupling. A space between the pump and driver shaft ends should be held to no less than 1/8".
4. **Belt driven pumps** should be checked after mounting the pump base on the foundation. Make sure, with the help of a straight edge, that the belts and pulleys are in alignment and that the belts have the proper tension.
5. **Pump rotation:** The recommended operating direction is clockwise when viewing the pump from the driveshaft end. However, the pump can be operated in either a clockwise or counterclockwise direction when viewing the pump from the driveshaft end. The inlet and discharge ports are related to the rotation of the pump.
6. **Piping to pump** should always be the same size as the pump inlet port and discharge port openings. Those systems handling viscous, volatile high pressure or high temperature materials may have to be more appropriately sized.
 - a. All threaded joints should be coated and sealed with pipe compound.
 - b. Provide for expansion in the piping system to allow for movement and deflection.
 - c. Use pipe supports to keep the weight of the piping system from causing strain on the pump.
 - d. Make all lines as direct and free of fittings as possible. Minimize suction line by locating the pump below or close to the liquid being pumped.
 - e. When the pump is handling abrasive, corrosive liquids, slurries, sludges, cements, adhesives or any liquids that harden, it should be flushed **clean**. The rotation of the



pump can be operated both clockwise and counterclockwise to accomplish this operation most thoroughly.

- f. It is a good practice to consider installing pressure and/or vacuum gauges in both the inlet and outlet pipes to the pump to check that it conforms to your operating specifications.

Progressing Cavity Pumps are **positive displacement** and the discharge outlet must be kept open or a **relief valve** or a **by-pass piping** arrangement should be provided. If the discharge or inlet into the system is to be shut off or closed, provisions must be made for a relief valve or by-pass arrangement or damage can be done to the pump and the drive, including the motor. Strainers, filters and foot valves should be properly sized so as not to affect performance of the pump and should usually be installed in the suction line.

7. **Pump Bearings** are anti-friction ball type and should be periodically greased. They are initially packed when assembled at the factory.

- a. **Do not over lubricate.**
- b. Use quality anti-friction bearing grease.
- c. It is recommended that under normal use, that no lubrication be added for the first 1200 hours of operation unless it is uncomfortable to hold the hand on the bearing housing.
- d. The bearing shaft assembly should be inspected and cleaned after running the pump for approximately 2500 hours.
- e. All old grease should be removed from the bearing and bearing housing. Inspect bearings for wear and repack the bearings with new grease.
- f. Add a few drops of oil to bearing seals before reassembling.

8. **Packing maintenance procedures**

- a. The packing gland should be firmly tightened so as to prevent excessive leakage through the packing, but not so tight that it will cause overheating. Always adjust packing gland evenly. Align the packing gland so that it evenly goes into the packing gland cavity of the pump housing.
- b. **Continental Progressing Cavity Pumps** are supplied with a lantern ring in the midsection of the packing with access to a lubrication fitting on the external surface of the pump body. Lubricating the packing regularly with small amounts of lubricant or flushing with water will extend the life of the packing and help maintain a good seal.
- c. A scored driveshaft reduces the life of packing and should be replaced.
- d. When replacing worn packing use standard die-cut formed packing. Do not use one piece spiral packing. Press into place the die-cut and preformed packing rings and stagger the joints 180° apart.



- e. After packing is installed, tighten the gland bolts finger-tight and evenly. The packed stuffing box is designed to control leakage, not to stop it completely. Leakage is necessary to reduce friction and dissipate heat. Bolts should be backed off gradually as the stuffing box warms up, to avoid overheating of the packing area.
- f. A small amount of leakage through the packing can be normal and helpful for good operation and easily drained away from the base. A leakage rate of 50-100 drops per minute until the packing has seated and adjusted to the operating temperature (approximately 10-15 minutes). If excessive leakage is present after 15 minutes of operation, tighten the gland bolts 1/6 of a turn. Tighten the bolts another 1/6 of a turn after an additional 15 if necessary, and repeat until desired leakage of 1-2 drops per minute is obtained. **Note:** Do not tighten until zero leakage is obtained. Over tightening of the packing gland may result in accelerated wear on the packing and damage to the shaft.

Pre-Start-Up Checks

1. Read and understand all information furnished with pump.
2. Review operating conditions.
3. Check setting of relief valve in discharge line.
4. Check for proper position of belt or coupling guards. Do not operate pump without guards.
5. Fill the pump with the liquid to be pumped. **Do not operate pump dry.**
6. **Rotate driveshaft** of pump four or five rotations. This creates a seal between the rotor and stator to create pumping action.
7. Make sure the inlet and discharge lines are open.
8. Start the unit.
9. Check to see if the pump is delivering liquid. If it is not, refer to the section on checking pump performance.

General Storage Guidelines

- Loosen packing gland to decompress packing set.
- Base units that will be stored for long periods can be rotated every 6 months or remove the stator and belts. If they cannot be removed seal the discharge port. Do not use oil on natural rubber.
- Rotate shaft manually up to 180° every 3 months.
- Spray unprotected metals with a good rust preventative and re-inspect every 3 months.
- It is best to store in warm, dry area with low humidity. Inside is preferred, but if stored outside wrap tightly with a weatherproof cover.

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Start-up after storage

- Fill with fluid
- Check packing. Tighten or replace if necessary.
- Refer to Pre-Start-Up Checks for procedures.

Troubleshooting Pump Performance

A summary of possible causes of improper performance of Progressing Cavity Pumps

No liquid delivered

1. Pump rotating in wrong direction
2. Suction lift too high
3. Clogged suction line
4. Air pockets or vapor lock
5. Air leaks in suction line
6. Faulty relief valve in system
7. Pump not properly primed
8. Suction line not submerged in product
9. Worn pump

Pump Takes Too Much Power

1. Speed too high
2. Liquid more viscous than anticipated
3. Operating pressure higher than specified. Check this with gauge at the pump outlet
4. Outlet line obstructed
5. Mechanical defect, such as bent shaft, tight packing gland, or misalignment of piping
6. Relief valve in system not operating properly

Insufficient Liquid Delivered

1. Air leaks in suction line
2. Air leaks in through packing
3. Speed too low
4. Suction lift too high
5. Partial air pockets or vapor lock

6. Restricted suction line
7. Faulty relief valve in system
8. Worn pump

Excessive Noise

1. Starved pump, liquid not getting into pump
2. Air leaks in suction line
3. Air or gases in liquid
4. Pump speed too high
5. Improper mounting, check alignment thoroughly
6. Excessive discharge pressure

Rapid Wear of Stator

1. Pump ran dry
2. Grit or dirt in liquid
3. Pump running too fast
4. Excessive pressure
5. Corrosion

Loss of Suction after Start-up

1. Pump not properly primed
2. Suction piping not submerged
3. Suction piping too small
4. Air leaks in suction
5. Insufficient liquid supply

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BIDDER'S PROPOSAL

ESCANABA WASTEWATER PLANT PRIMARY SLUDGE PUMP - 2016

DATE: 3-8-2016

City of Escanaba
Escanaba, Michigan 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan **ALL MATERIALS AND LABOR TO REPLACE THE EXISTING # 2 & #3 PRIMARY SLUDGE PUMPS AT THE ESCANABA WASTEWATER TREATMENT PLANT**, in accordance with the attached minimum specifications, which are part of this proposal, at the following price:

BID:

Bid amount to furnish and install two (2) Primary Sewage Pumps:
\$ 24,936.00

Amount of Bid Bond enclosed: \$ 2494.00

Please include the following items with the bid:

Contractor's written "plan-checklist" to fulfill the bid requirements, including date of installation

Proof of Insurance coverage

Factory Specification sheet of proposed pumps

Factory Pump Curve

SUBMITTED BY:

FIRM: K & M INDUSTRIAL LLC

ADDRESS: 1401 N 26th STREET

BY: Richard Johnston

PRINTED: RICHARD JOHNSTON

TITLE: SALES / PROJECT MANAGER

PHONE: 906 789 0440 FAX: 906 789 0848

Plan-check list

Installation 8 weeks from receipt of Purchase Order

Actual Installation date to be determined with the City of Escanaba upon receipt of purchase order.

Furnish Bid Bond

Liability Insurance Proof

Receipt of Purchase Order

Order all Required Items

Schedule Removal and Installation 8 weeks lead time from order

Furnish Factory Pump Curve

Furnish all required Manuals

Installation and Test



Administrative Offices
301 E 4th Street
Cincinnati OH 45202-4201
513 369 5000 ph.

GAI 2417 (Ed. 01 01)

Policy: OMH 1441481 00

OCEAN MARINE COVERAGE LEVEL DECLARATIONS PAGE

NAMED INSURED: K & M INDUSTRIAL LLC
ATT: TINA CRYDERMAN

POLICY #: OMH 1441481

POLICY EFFECTIVE DATE: 03/25/2015

POLICY EXPIRATION DATE: 03/25/2016

COVERAGE	LIMITS OF INSURANCE	PREMIUM
Marine Commercial Liability Coverage - Form GAI 2193		
Policy Aggregate Limit (Including Products - Completed Operations Aggregate and including all endorsed cover)	\$ 2,000,000	
Bodily Injury and Property Damage Liability	\$ 1,000,000	
Personal and Advertising Injury Limit	\$ 1,000,000	
Products-Completed Operations Aggregate	\$ 1,000,000	
Medical Payments - any one person	\$ 5,000	
Liability for Damage to Premises Rented to you - Any one premises	\$ 100,000	
Each Occurrence (including all endorsed cover)	\$ 1,000,000	
MCL Deposit Premium		\$ 4,620.00
MCL Minimum Premium		\$ 4,620.00

	LIMITS OF INSURANCE	PREMIUM
Ship Repairer's Liability Endorsement	\$ 1,000,000	\$ INCLUDED

TOTAL PREMIUM DUE AT INCEPTION: \$ 4,620.00

MCL Rate Applied to Gross Receipts: \$ 1.00 per \$100.

Deductibles:

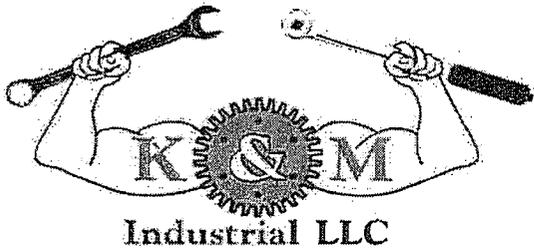
Bodily Injury:	\$ 5,000
Property Damage:	\$ 5,000
Personal and Advertising Injury:	\$ 5,000
Maximum Deductible - all coverage for one occurrence:	\$ 5,000

THE BUSINESS OF THE NAMED INSURED IS:

GENERAL PUMP REPAIR WORK

SCHEDULE OF LOCATIONS YOU OWN, RENT OR OCCUPY:

80 DELTA AVENUE
GLADSTONE, MI 49837



Sales Quote

Sales Quote Number: 382016

Page	Sales Quote Date
1	March 8, 2016

K&M Industrial LLC.

1401 N 26th Street, Stop 5
 Escanaba, MI 49829
 Tel:906-789-0440
 Fax:906-789-0848
 DUNS: 830177932
 Federal Tax ID: 264243426

Quoted To:

Escanaba Waster Water
 City of Escanaba
 Jeff Lampi

Item #	Qty.	Description	Unit Price	Amount
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Liberty Millennium Series

1	2	Gear Joint Style 1E022G1L CDQ AAA Pump Materials of Construction. Cast iron Casings Tool Steel/Chrome Plated Rotor. BUNA Elastomer Stator, Packing Seal Type. V-belts, base plate and guards, pulleys and Sheaves. New Baldor EM3708T 5hp 1160RPM Motor 230V-460V	\$10,138.00	\$20,276.00
1	1	Removal of two progressive cavity pumps and installation of two new Millennium Series Pumps	\$4,660.00	\$4,660.00

Total \$24,936.00

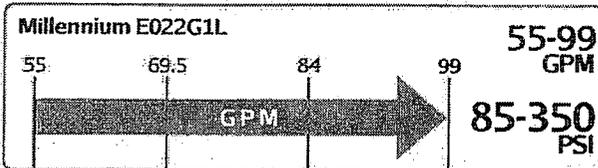
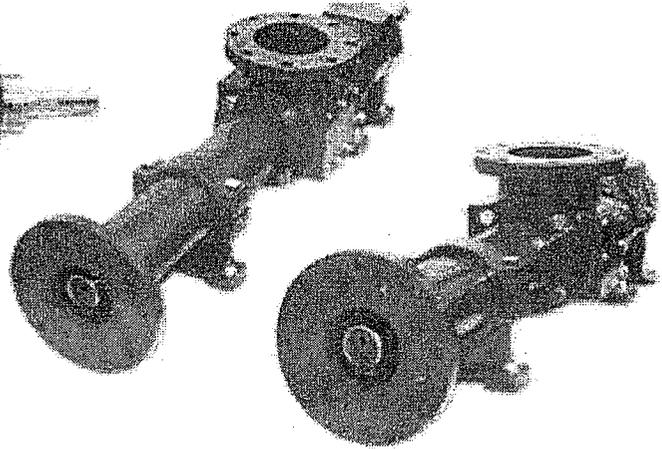
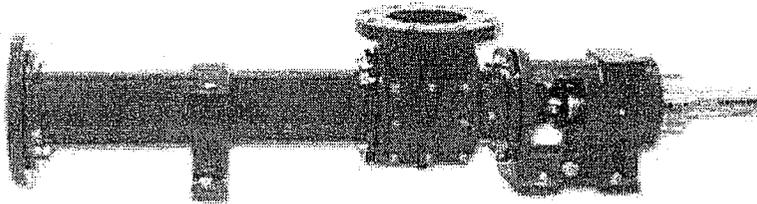
Lead Time is 8 weeks from receipt of PO

www.kmindusa.com



MILLENNIUM SERIES - E022G1L

Progressive Cavity Pump



Features

- Low Shear
- Solids Handling up to 50%
- Hardened Joints
- Packing or Mechanical Seal
- 3-Stage Options
- Steel or Stainless Steel

Materials

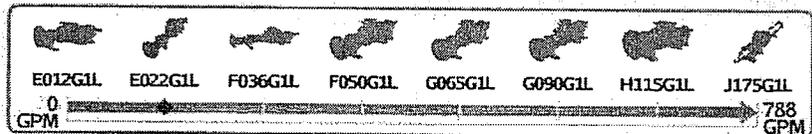
- Rotor:** *Chrome-Plated Tool Steel or Stainless Steel*
- Stator:** *Buna Nitrile, Natural Rubber, Viton™, EPDM*
- Motor:** *1-1/2 - 10 hp*
- Inlet:** *6"*
- Outlet:** *6" - ANSI Flange*
- Bases:** *Steel and Stainless Steel*

Curves

- 1-Stage **1E022G1L**
- 2-Stage **2E022G1L**

Drawings

- 1-Stage **1E022G1L**
- 2-Stage **2E022G1L**



Pump Description

The Liberty Millennium Series E022G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such as blood and waste in poultry processing facilities. The E022G1L's flow rate of 22 gallons/100 revolutions @ 55 to 99 GPM coupled to its high temperature resistance of up to 350° degrees Fahrenheit makes it an ideal solution for your industrial heavy-duty pumping needs.

The E022G1L is a standard ANSI flanged pump design manufactured with high strength cast iron or 316 Stainless Steel pump casings and designed in 1, 2 and up to 4 stages for 85, 170, 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the E022G1L is 6".

The Millennium Series low shear and gentle pumping action enables it to pump delicate fluids and not emulsify the liquid making it an ideal polymer pump or oil/water separation pump. Solids handling capability of up to up to 50% by weight allows even the toughest application to be pumped. The Millennium's modular design comes with a positively sealed, hardened gear joint assembly, hardened tool steel rotors or stainless steel rotors both with hard chrome plating for long-life pumping and a wide selection of stators in Buna Nitrile, Viton, EPDM and Natural Rubber.

All other wetted parts are either carbon steel or 316 stainless steel. The standard seal design is a set of packing with a Lantern Ring and flush connectors. Mechanical seal options are readily available.

Contact a Liberty Process Equipment Representative today for more information about the Millennium E022G1L Series of Progressive Cavity Pumps for blood and waste in poultry processing plants.

P: 847.640.7867 F: 847.640.7855

2525 Clearbrook Drive Arlington Heights, IL 60005

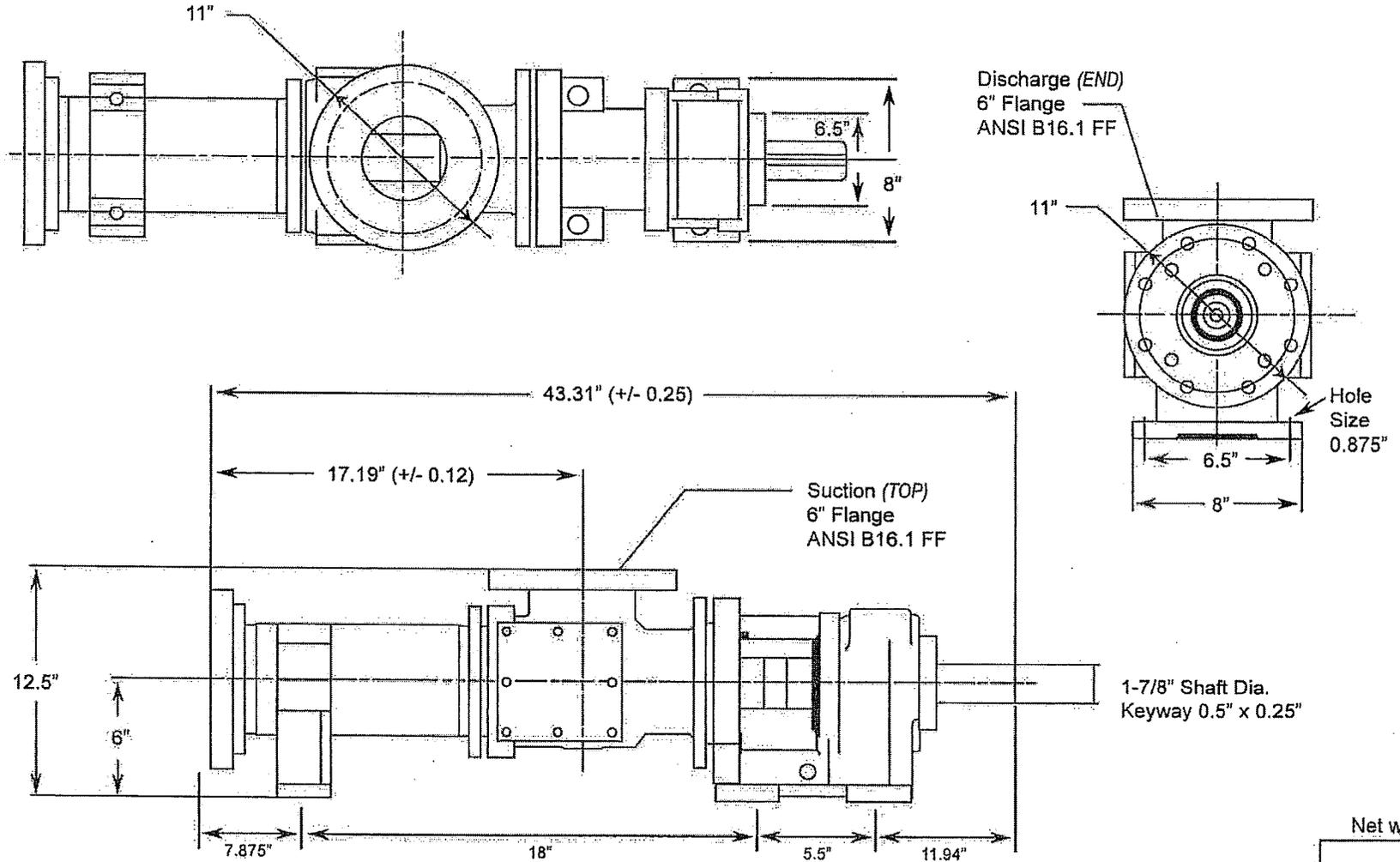
www.libertyprocess.com



MILLENNIUM SERIES - 1E022GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight

≈ lbs.

440

(Pump Rotation is Counter Clockwise) ALL DIMN: Inches



1 Stage Pump

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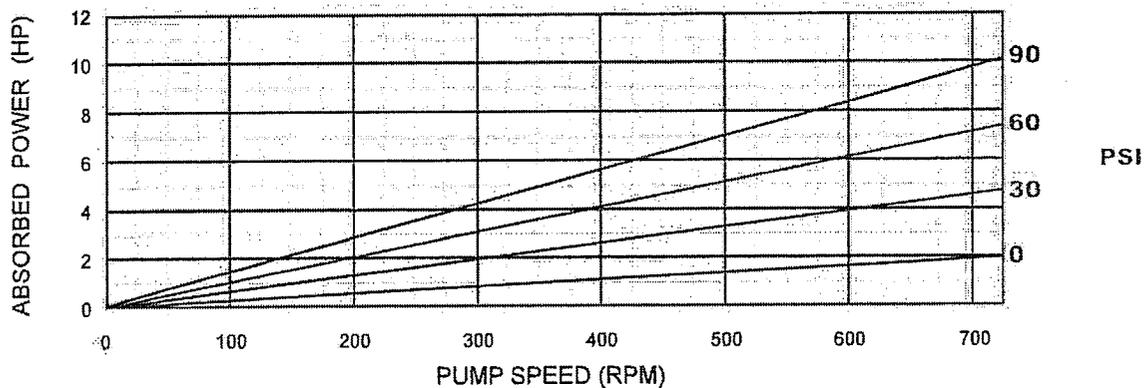
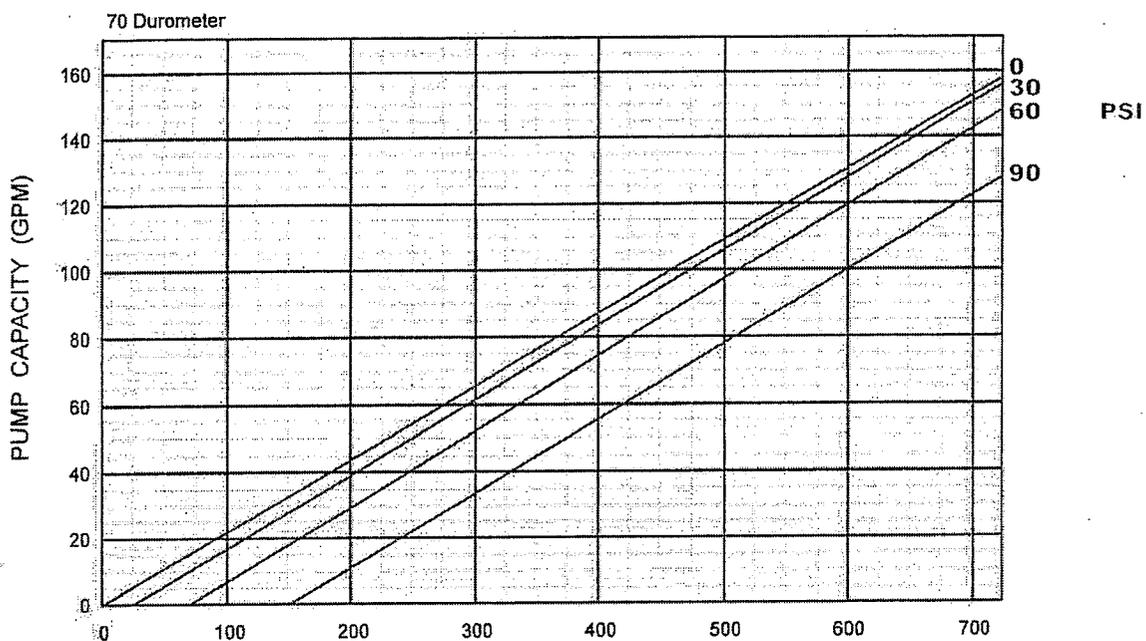
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MILLENNIUM SERIES - 1E022GIL

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)



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www.libertyprocess.com

BIDDER'S PROPOSAL

ESCANABA WASTEWATER PLANT PRIMARY SLUDGE PUMP - 2016

DATE: 3/8/2016

City of Escanaba
Escanaba, Michigan 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan **ALL MATERIALS AND LABOR TO REPLACE THE EXISTING # 2 & #3 PRIMARY SLUDGE PUMPS AT THE ESCANABA WASTEWATER TREATMENT PLANT**, in accordance with the attached minimum specifications, which are part of this proposal, at the following price:

BID:

Bid amount to furnish and install two (2) Primary Sewage Pumps: \$ 13,834⁰⁰

Amount of Bid Bond enclosed: \$ 2,300.00

Please include the following items with the bid:

Contractor's written "plan-checklist" to fulfill the bid requirements, including date of installation

Proof of Insurance coverage

Factory Specification sheet of proposed pumps

Factory Pump Curve

SUBMITTED BY:

FIRM: CRANE ENGINEERING

ADDRESS: 707 FORD ST, KIMBERLY, MI 49136

BY: [Signature]

PRINTED: ERIC FINNILA

TITLE: WATER + WASTEWATER TEAM FIELD SALES MGR.

PHONE: 920-850-3100 FAX: 920-257-0208



707 Ford Street
Kimberly, WI 54136

Phone: 920-733-4425
Fax: 920-733-0211

www.craneengineering.net

To: Jeff Lampi
Escanaba Water Plant
1 Water Plant Road
Escanaba, WI 49829

Quotation #: J_B1261
Customer RFQ #: Verbal
Crane Job #:

Phone: (906) 786-3291

Fax: (906) 786-3790

E-mail: jlampi@escanaba.org

Today's Date: 3/8/2016

Quote Expiration 4/6/2016
Date:

Desc. Escanaba Wastewater Plan Primary Sludge Pump

Crane Engineering is pleased to provide a quote for your review.

Item	Description	Qty	Unit Price	Subtotal
1.00	<p>Liberty Model 1E022G1L Progressive Cavity Pump Package</p> <p>Two (2) Liberty Model 1E022G1L progressive cavity pumps with cast iron/chrome-plated/Buna construction. Will re-use existing motor, base, sheaves, and guard. Labor, equipment, and materials to furnish and install and align two (2) new pumps included. Price includes delivery, certificate of proper installation, and startup.</p>	1 LS		

Thank you for the opportunity to provide you this proposal. Please do not hesitate to contact me if you have any questions or require any additional information.

Sincerely,

Jorie Ballun

Jorie Ballun
Application Engineer
Ph: 920-257-0108
Fax: 920-257-0208
j.ballun@craneengineering.net

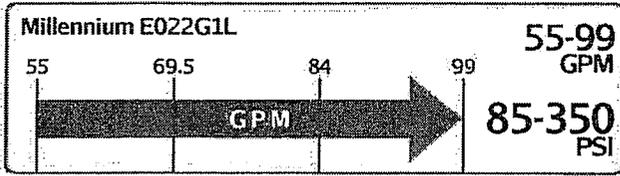
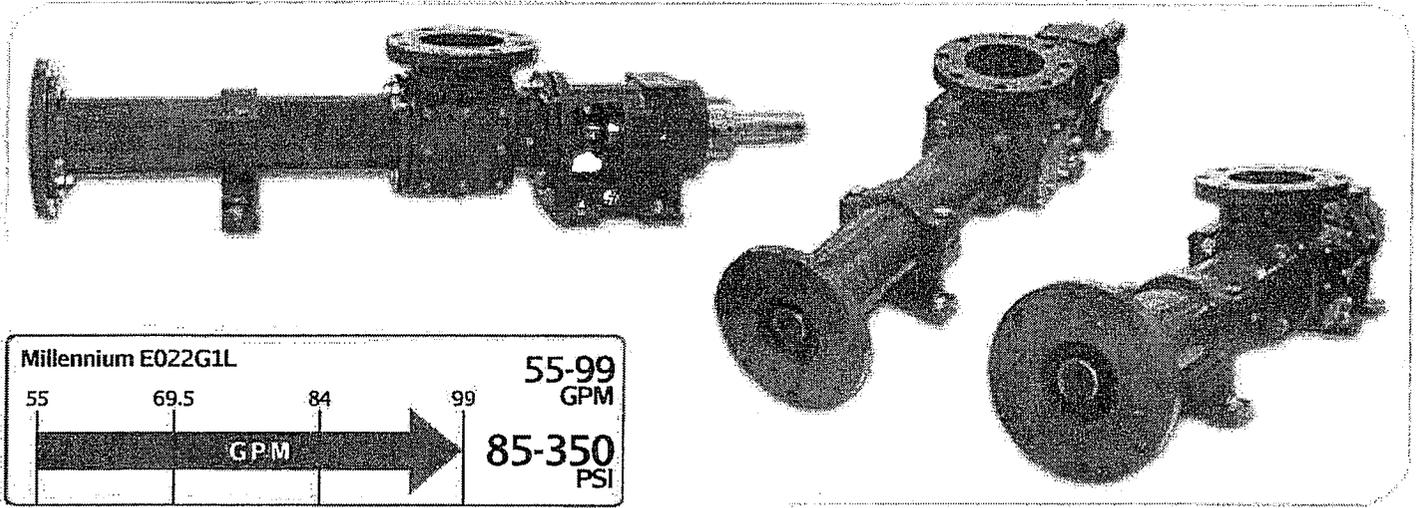
Eric Finnilla
Field Sales Manager
Ph: 920-850-3100
Fax: 920-257-0247
e.finnilla@craneengineering.net

Terms & Conditions			
Lead Time	3 Weeks After Receiving Order	Payment Terms	n15
F.O.B.	Warehouse	Shipping Terms	Prepaid and Added to Invoice



MILLENNIUM SERIES - E022G1L

Progressive Cavity Pump



Features

- Low Shear
- Solids Handling up to 50%
- Hardened Joints
- Packing or Mechanical Seal
- 3-Stage Options
- Steel or Stainless Steel

*gear joint
packing & seal*

Pump Description

The Liberty Millennium Series E022G1L Heavy Duty Progressive Cavity Pump is ideal for high viscosity liquids and heavy waste solids and other abrasive pumping applications such blood and waste in poultry processing facilities. The E022G1L's flow rate of 22 gallons/100 revolutions @ 55 to 99 GPM coupled to its high temperature resistance of up to 350° degrees Fahrenheit makes it an ideal solution for your industrial heavy-duty pumping needs.

Materials

- Rotor:** Chrome-Plated Tool Steel or Stainless Steel
- Stator:** Buna Nitrile, Natural Rubber, Viton™, EPDM
- Motor:** 1-1/2 - 10 hp
- Inlet:** 6"
- Outlet:** 6" - ANSI Flange
- Bases:** Steel and Stainless Steel

The E022G1L is a standard ANSI flanged pump design manufactured with high strength cast iron or 316 Stainless Steel pump casings and designed in 1, 2 and up to 4 stages for 85, 170, 350 psi discharge pressures making it an ideal low-cost, maintenance free drop-in replacement pump. Standard suction and discharge flange size for the E022G1L is 6".

The Millennium Series low shear and gentle pumping action enables it to pump delicate fluids and not emulsify the liquid making it an ideal polymer pump or oil/water separation pump. Solids handling capability of up to up to 50% by weight allows even the toughest application to be pumped. The Millennium's modular design comes with a positively sealed, hardened gear joint assembly, hardened tool steel rotors or stainless steel rotors both with hard chrome plating for long-life pumping and a wide selection of stators in Buna Nitrile, Viton, EPDM and Natural Rubber.

All other wetted parts are either carbon steel or 316 stainless steel. The standard seal design is a set of packing with a Lantern Ring and flush connectors. Mechanical seal options are readily available.

Contact a Liberty Process Equipment Representative today for more information about the Millennium E022G1L Series of Progressive Cavity Pumps for blood and waste in poultry processing plants.

Curves

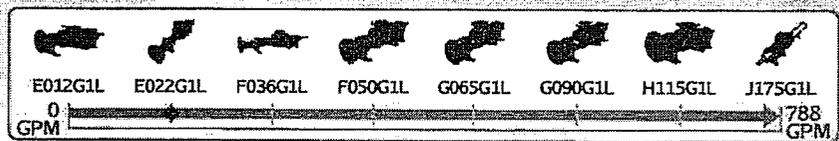
Click Links Below

- 1-Stage **1E022G1L**
- 2-Stage **2E022G1L**

Drawings

Click Links Below

- 1-Stage **1E022G1L**
- 2-Stage **2E022G1L**



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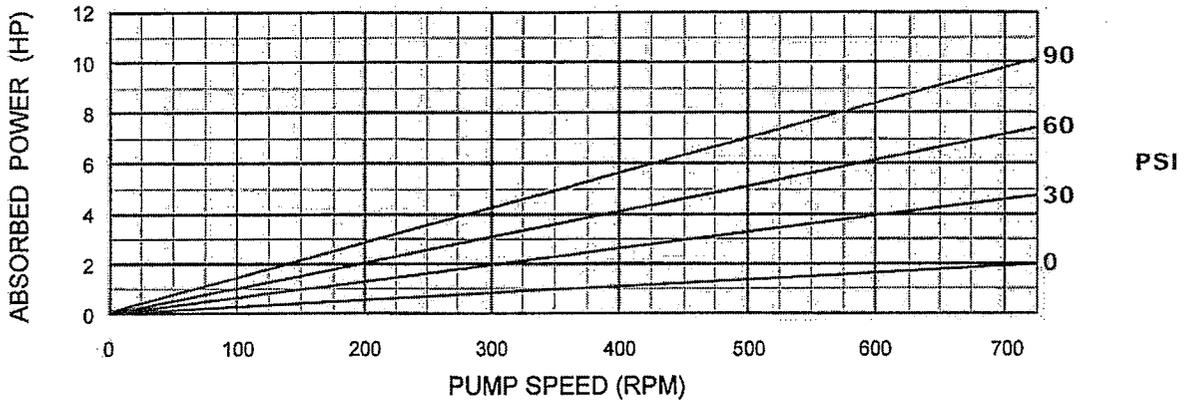
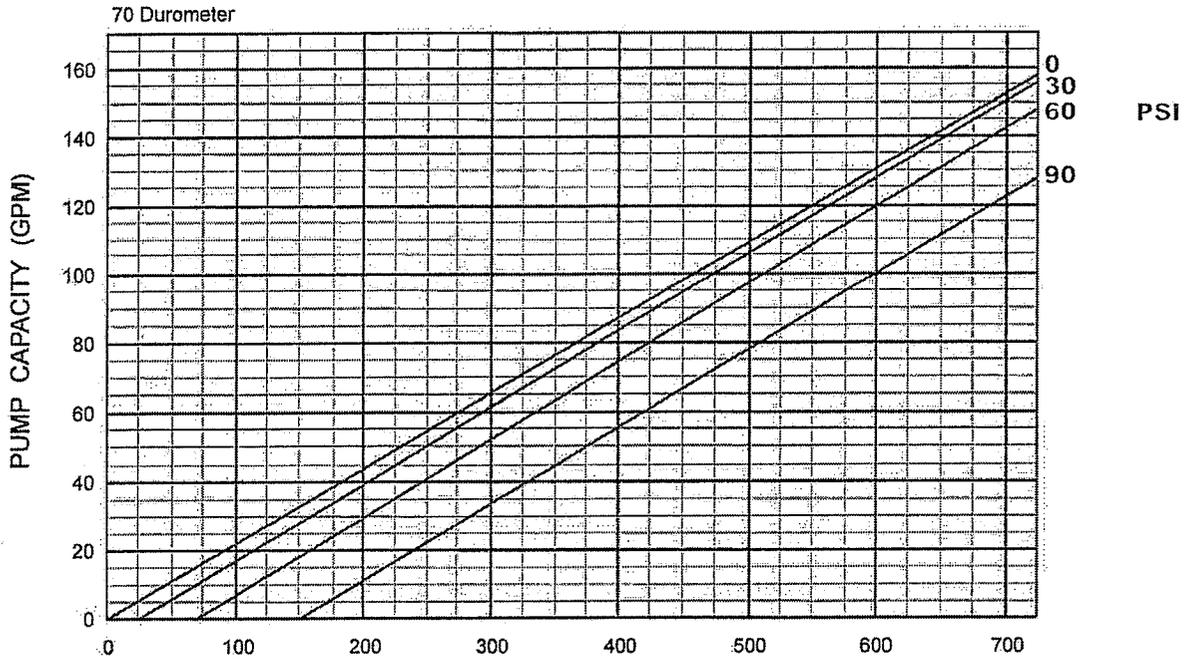
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MILLENNIUM SERIES - 1E022GIL

Progressive Cavity Pump

Performance Curves



1 Stage Pump

70 Durometer (Performance based on water)



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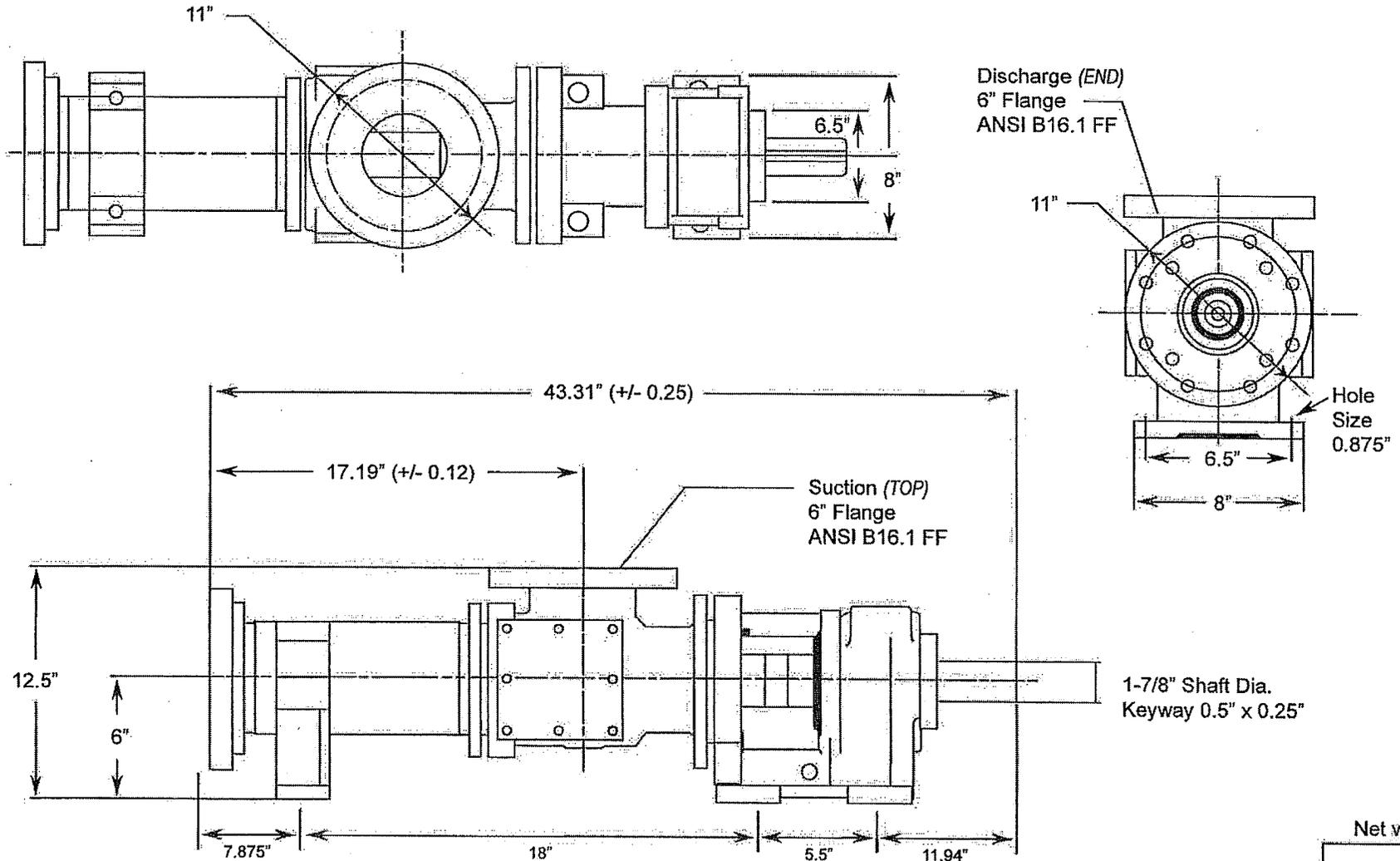
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MILLENNIUM SERIES - 1E022GIL

Progressive Cavity Pump

Dimensional Drawings



Net weight
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(Pump Rotation is Counter Clockwise) ALL DIMN: Inches



1 Stage Pump

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NB# 2 CC
4/7/16

SPECIAL EVENT APPLICATION - CITY OF ESCANABA

Festivals, Parades, Races, Walkathons, Temporary Road Closures

DATE(S) OF EVENT: May 19 - 21, 2016 Thursday through Saturday
Day of Week, Month, Day, Year (eg: Saturday, January 2, 2014)

NAME OF EVENT: Cabela's National Team Championship Walleye Tournament

CONTACT INFORMATION (Please Print Clearly – Incomplete applications may be delayed)

Organization: Delta County Commerce Center

Contact Person: Vickie Micheau Phone (day) 906-786-2192

Address: 230 Ludington Street Phone (evening): 906-399-0674

City: Escanaba E-mail: vmicheau@up.net

Postal Code 49829 Website: www.deltami.org

Charitable Org #: _____ Event Phone: 906-786-2192
 (If applicable) Fax: 906-786-8830

Alternate Contact: Sara Cole, Executive Director, Bays de Noc CVB, 906-280-8857
(It is recommended that an alternate name & telephone number be provided)

** Do you grant the City of Escanaba, City Manager's Office permission to give your telephone number to the general public Yes No

LOCATION

City Park Name: Ludington Park and Marina

Building/Facility Name/Area: North Shore Boat Launch

Road (s) Road Closure Required?: Partial Full

DATE / TIME

EVENT TIME This is the time your event would be ready to accept participants or general public.	Event Begins Take off from Marina DATE: <u>May 19 - 21, 2016</u> TIME: <u>6:00 am - each of three days</u>	Event Ends Boats return to Marina DATE: <u>May 19 - 21, 2016</u> TIME: <u>3:00 pm - each of three days</u>
	SET UP TIME When do you want the area reserved for your organization to ensure you have adequate time for set up and tear down.	Set Up Start DATE: _____ TIME: _____

The collection, use and disclosure of personally identifying information submitted on this form will be used to facilitate the request to host a special event within the City of Escanaba. Applicants may, from time to time, be contacted by the City or a City-contracted third-party for the express purposes of gathering information about the proposed event, assessing satisfaction and/or obtaining feedback on services related to special events. Questions about this collection should be directed to the City Manager.

EVENT DETAILS

TYPE OF EVENT

- Parade Cycling Festival/Event
 Run Walkathon Other (specify) Professional Walleye Tournament

ESTIMATED ATTENDANCE (please estimate all that apply)

Participants # <u>250 2-angler teams</u>	Wheelchair Accessible Yes <input type="checkbox"/> No <input type="checkbox"/>
Bands # _____	For events on City Property are you seeking approval to charge:
Vehicles/Floats # _____	Admission Yes <input type="checkbox"/> No <input type="checkbox"/>
Volunteers # <u>20</u>	Parking Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
General Public # <u>50</u>	Is this event: <input checked="" type="checkbox"/> Open to the Public
	<input type="checkbox"/> For Invited Guests only

EVENT ELEMENTS (complete to ensure proper permits are processed)

Power Requirements* Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Fireworks Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Sound Amplification Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Alcohol Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Access to power if possible Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Live Music Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Tents/Temp. Structures Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Size of tent(s): _____
Amusement Rides Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Provider: _____
Inflatables Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Provider: _____

FOOD & BEVERAGE

Will there be food & non alcoholic beverages sold? Yes No (continue to next page)

Food stand locations Indoor Outdoor Inside & Outside

What kinds of food will the Stands be selling? (check all that apply)

- | | | |
|---|---------------------------------------|--|
| <input type="checkbox"/> Chicken/seafood | <input type="checkbox"/> Soups/chilli | <input type="checkbox"/> Other foods (please list) |
| <input type="checkbox"/> Rice/pasta dishes | <input type="checkbox"/> Salad | _____ |
| <input type="checkbox"/> Pop, chips, candy | <input type="checkbox"/> Other meats | _____ |
| <input type="checkbox"/> Hotdogs/hamburgers | <input type="checkbox"/> Baked goods | _____ |

Reservation Fees (check applicable box):

- Ludington Park Pavilion 1/2 day \$75 (resident) \$100 (non-resident)
- Ludington Park Pavilion full day \$100 (resident) \$125 (non-resident)
- Ludington Park Bandshell 1/2 day \$75 (resident) \$100 (non-resident)
- Ludington Park Bandshell full day \$100 (resident) \$125 (non-resident)
- Ludington Park Gazebo \$50 p/2 hour block (res) \$75 p/2 hour block (non-resident)
- Other Picnic or Gathering Areas \$35 p/day
- John D. Besse Park Pavilion 1/2 day \$75 (resident) \$100 (non-resident)
- John D. Besse Park Pavilion full day \$100 (resident) \$125 (non-resident)
- Lemerand Pavilion 1/2 day \$75 (resident) \$100 (non-resident)
- Lemerand Pavilion full day \$100 (resident) \$125 (non-resident)
- Lemerand Complex \$250 per day

Half Day Reservation: Cut-off time is 4:00 pm. Half-day reservations can be made before or after 4:00 pm.

EVENTS REQUESTING ROAD CLOSURE

Road closures must be approved by City Council. Once City Council has approved your road closure, changes cannot be made to your route without notification to the City Manager as a secondary Council Approval will have to be sought.

A detailed map of road closure **MUST** be included. Applicants must notify abutting properties of the closure at least 14 days in advance of the event. This notification letter must be approved by the City Manager's Office. If there are any SPECIAL REQUESTS that you would like City to consider, please outline them on a separate paper and attach

DEFINE THE CLOSURE LIMITS – ATTACH A DETAILED MAP

I have read and understood the Special Events Application.

I will notify the City Manager's Office of any changes to my event application at least fourteen (14) days in advance of the event.

I have received a copy, read and understand the contents of the City of Escanaba Policy and Procedures No. 060101-10, Alcohol in Public Places (if applicable).

Vickie Micheau - Electronic Signature

Event Organizer Signature

Vickie Micheau - March 22, 2016

Print Name & Date

DELTA COUNTY Commerce Center

230 Ludington Street
Escanaba, Michigan 49829
(906) 786-2192 | Fax (906) 786-8830

March 14, 2016

Jim O'Toole
City of Escanaba
410 Ludington St.
Escanaba, MI 49829

Dear Jim,

First and foremost, thank you for the generous support that you and the Escanaba City Council have provided for past fishing tournaments sponsored by our waterfront community. We are excited and pleased to welcome Cabela's National Team Championship anglers to the Bays de Noc for a highly publicized professional wall-eye tournament from May 19—21, 2016. This tournament, considered the super-bowl of walleye anglers, is expected to draw 400 teams from across the nation to experience our exceptional fishery.

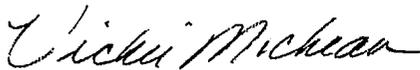
The organizations of the Commerce Center are asking you to consider the same level of support you have generously provided for previous tournaments. That support in the past has included but not limited to:

Description of Requested Services from the City of Escanaba

- Use of the Marina one week prior to and during tournaments
- Use of the North Shore Boat Launch
- Use of Ludington Park including Aronson Island Boat Ramp one week prior to and during the tournament
- Complimentary launch passes during the tournament fishing days for anglers
- Porta - potty rental
- Cold patching of ramps
- Use of road cones and barricades at Ludington Park
- Trash barrels
- Electric service
- Floating dock placement
- Set up and tear down assistance from Marina Staff
- Support from Public Safety, if necessary to control traffic from Ludington Park to the Fairgrounds where weigh in festivities will be held
- Support along with City service coordination from the Recreation Department

If we can answer any questions or be of service please contact us at the Commerce Center.

Thank you,



Vickie Micheau
Chamber of Commerce



Sara Cole
Bays de Noc Convention and Visitors Bureau

Together, We're Better!

Chamber of Commerce | Builders Exchange | Economic Development Alliance | Convention and Visitors Bureau



Cabela's National Team Championship



2016 Cabela's National Team Championship (NTC) Request for Proposal(RFP) – Site Host

Contact Robert Cartlidge, TWF, 5998 N Pleasant View Road, Ponca City, Ok. 74601
580.765.9031 office - 580.765.2890 fax – Email Robert@walleyefederation.com

Cabela's National Team Championship

About the Event

- Launched in 2002.....2016 will be the 14th annual event
- The premier national grassroots team championship event in the walleye fishing industry.
- A grass-roots family vacation event
- Professionally run, backed by 30+ years of fishing tournament management experience and the horsepower of Cabela's Marketing and Brand Management Group
- Qualifying events held nationwide in 2015
- 250 Boat Target Field – Final field size is determined by how many teams qualify.
- 234 teams at the 2014 green bay event, 185 this year for Junction City, KS
- The most anticipated and talked about event in the Walleye Market



Cabela's National Team Championship

POWERFUL MEDIA - Benefits for site host by receiving exposure via:

- Filmed for National Television – will air on a established show and time slot for maximum exposure
- Live Stream – LIVE weigh-ins world wide on the internet on Cabelas.com and Walleyefederation.com with suitable local internet connection
- Print – Active PR Campaign with all media under our control as well as local papers
- Website editorial & ads
- On-site signage
- Social Media
- Interactive website with tournament highlights, news, information, etc.
- E-Newsletters ad after each event with links to tournament website
- Circuit news, updates, photos, etc.



Cabela's National Team Championship

It is all about fishing and a fun family vacation

- We are going to concentrate ONLY on the actual fishing event portion in this RFP
- Data herein is ONLY anglers and staff as outlined in the following slides



Cabela's National Team Championship

The Cabela's NTC Means Business and Economic Impact For Its Host Cities

- NTC Walleye event participants typically arrive an average of 5.9 days in advance of each tournament for pre-fishing Plus 2.5 days for the actual event = 8.4 days per team
- Cabela's NTC qualifying target is 250 Teams, average is 200
- Hotel room nights "*Heads in Beds*" - average 1675 angler rooms nights (not counting advance trips)

According to a 2014 partnership survey conducted by the University of Wisconsin\LaCrosse Grad Students

- NTC participants spend an average of \$1,562.00, per person, \$3,124.00 per team plus another \$1,540 per team in pre practice prior to the event
- Average of 200 teams spending average of \$4,664.00 on your community generates \$932,800.00 in direct CASH economic impact to your community.
- Using a modest 3 to 1 rollover projection = \$2,798,400.00!
- **2.8 MILLION** dollars in economic impact PLUS
- **NOT counting SIGNIFICANT** media exposure
- NOT counting TWF/Cabela's/MWC Sponsors and production staff expenses
- ANGLER expenditures ONLY
- Not counting the significant local expenditures of the event itself



Average on site attendance breakdown

- 9.5% of teams are local
- 90.5% are NON local teams.
- NOTE: Past event data from our summer time fishing events shows a conservative 30 % increase in revenues with families attending part or all of the week.



What we ask for in return from a Site\Host Partnership

HOST the 2016 Cabela's National Team Championship

- **Conservatively** as outlined this summertime event brings with it and estimated 2.8 MILLION dollars of total economic impact to our host communities from anglers fishing event portion alone.

What we ask in return to support the fishing event portion:

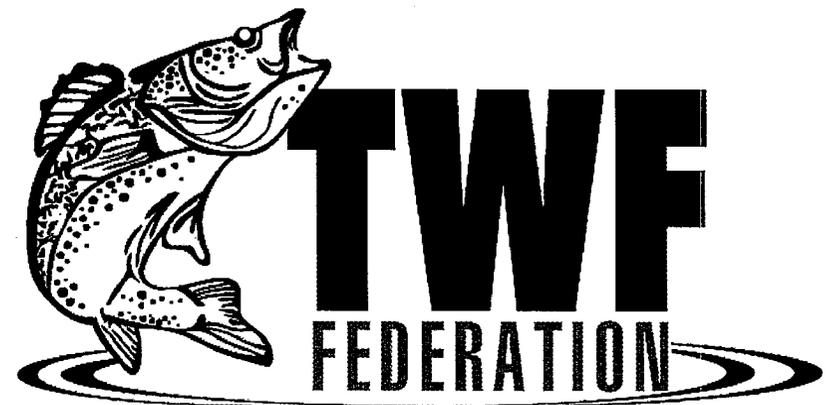
- Less than 1.6% cash and in-kind services back to TWF and we will work with you on it all ...here is how:
- 70 hotel rooms NIGHTS (\$80 a night avg. x70 = \$5,600.00)
- Meeting Registration Room\location for 750 people - \$1,000.00 est. Rent
- Meal (1) REGISTRATION dinner provided by local host for 750 people \$8,000.00
- Suitable High Speed internet signal at weigh-in location – \$750.00 (minimum 1 dedicated line greater than 1 meg upload)
- A max of 8-10 local volunteers per day, 4 hours per day x 4 days x est. \$20.00 per hour = \$2,560.00
- 600 bags of ice at weigh-in location @ 1.25 a bag = \$750.00
- \$25,000.00 cash stipend

Total investment of **cash and in-kind services to TWF - \$43,660.00**

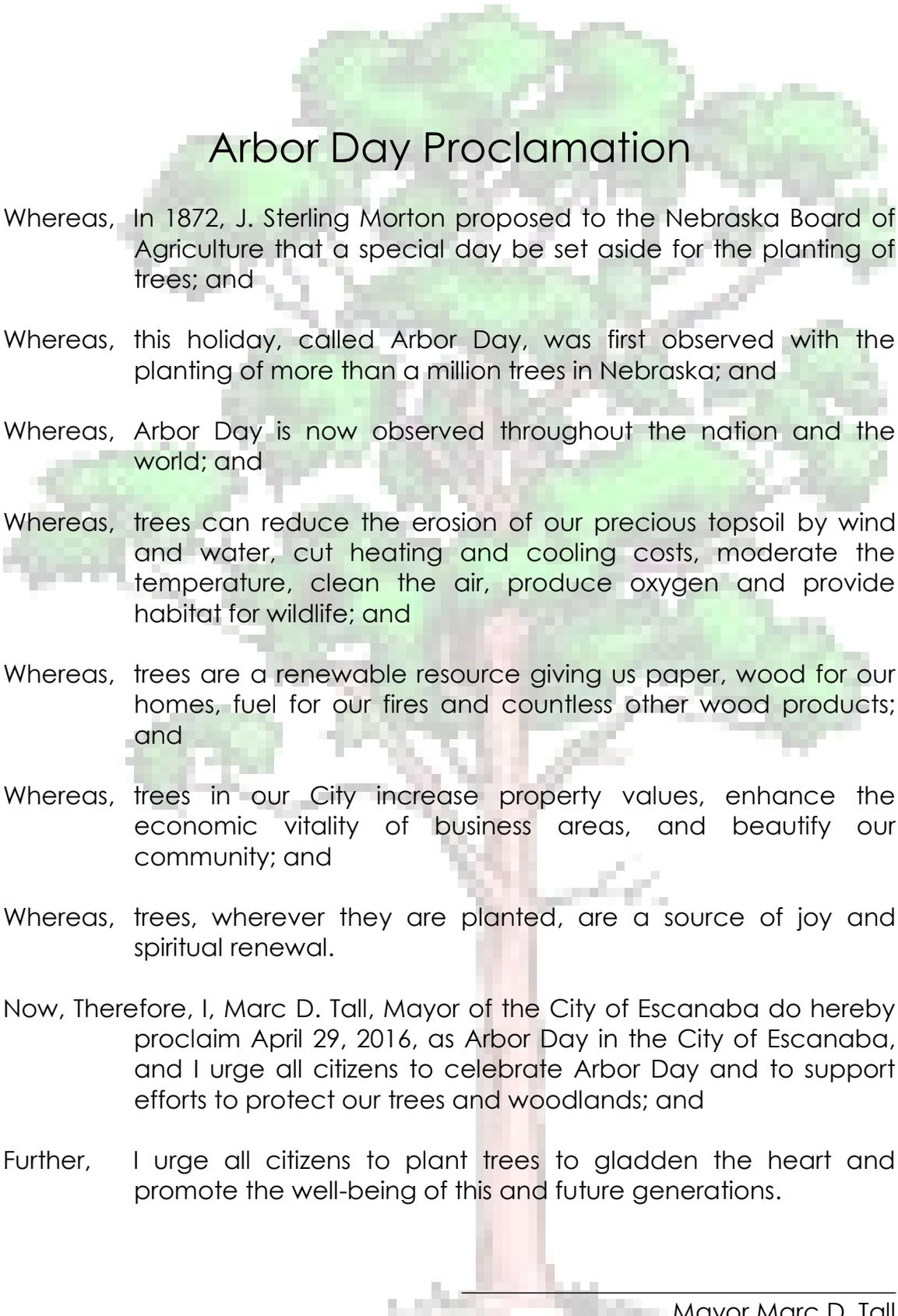
Which equates to: Less than 1.6% of the average total economic impact

By any standards a great return on investment!





Contact Robert Carlidge, TWF, 5998 N Pleasant View Road, Ponca City, Ok. 74601
580.765.9031 office - 580.765.2890 fax – Email Robert@walleyefederation.com



Arbor Day Proclamation

Whereas, In 1872, J. Sterling Morton proposed to the Nebraska Board of Agriculture that a special day be set aside for the planting of trees; and

Whereas, this holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska; and

Whereas, Arbor Day is now observed throughout the nation and the world; and

Whereas, trees can reduce the erosion of our precious topsoil by wind and water, cut heating and cooling costs, moderate the temperature, clean the air, produce oxygen and provide habitat for wildlife; and

Whereas, trees are a renewable resource giving us paper, wood for our homes, fuel for our fires and countless other wood products; and

Whereas, trees in our City increase property values, enhance the economic vitality of business areas, and beautify our community; and

Whereas, trees, wherever they are planted, are a source of joy and spiritual renewal.

Now, Therefore, I, Marc D. Tall, Mayor of the City of Escanaba do hereby proclaim April 29, 2016, as Arbor Day in the City of Escanaba, and I urge all citizens to celebrate Arbor Day and to support efforts to protect our trees and woodlands; and

Further, I urge all citizens to plant trees to gladden the heart and promote the well-being of this and future generations.

Mayor Marc D. Tall