



City Manager's Bits & Pieces

TO: St. Joseph City Commissioners

FROM: Richard I. Lewis, City Manager

DATE: August 25, 2014

Summer is rapidly coming to a close. We have been waiting all summer for the hot and humid weather and we get some of it during the last week. Now comes all the fun fall items such as school starting, football, color change, pennant races, and election campaigns (the last one I am really looking forward to).

A few items of interest to share.

Bicentennial Bridge Inspection

We have been notified the inspection of the Bicentennial Bridge will take place starting September 15 through September 19 between the hours of 8am and 5pm. There will be lane closures. We will make sure that a notice is placed on our web-site.

Mold Remediation – Fire Station

Servpro has begun demolition for mold remediation at the fire station concentrating to a mechanical room on the east exterior wall. Once uncovered by crews water damage was found caused by a design flaw in an exterior fresh air vent. The mold damage found is exceeding the original estimate and has extended to the rear northeast corner bedroom. Servpro estimates that work should be wrapped up by the beginning of next week pending an air testing. Now that the extent of the damage is known we will be seeking estimates to fix the faulty air vent and repair the drywall removed in the demolition and clean-up.

Amtrak Celebration

There will be a celebration of the 30th anniversary of the Pere Marquette Amtrak line that stops in St. Joe. The event will happen on Tuesday, September 16th and is being coordinated by the

Southwest Michigan Planning Commission. The train arrives at 9:44 A.M. so the celebration will begin a little before that (maybe 10 minutes) and while the train is stopped in the station. We have food and coffee ordered from a few different sources downtown. St. Joe Today is helping us with tables and chairs and the City is assisting with the hanging of bunting.

Public Art Auction

Planning is underway for the public art auction to take place in conjunction with St. Joseph Today's Wine Fest on September 27th from 4 – 9 in Whirlpool Centennial Park. The signed golf ball (signed by the Pro Am players this past May) has been on display at Silver Beach Center for folks to check out and examine over the next month and prior to the auction. Our original plan was for placement at St. Joseph Today but it would not fit through the doors. Additionally, the scroll, which is included in the attached photo and being auctioned along with the golf ball, was graciously framed courtesy of Waterfront Framing at no cost to the City. Joshua Nowicki, local photographer, has also stepped forward and donated 5 of his lighthouse photos for sale at the auction since all money raised will go to the Lighthouse Forever Fund this year. The front page article of the upcoming September/October newsletter talks about the Wine Fest & Auction, not to mention banners, ads, radio, television and much more marketing is underway.

Under the Radar

Susan had been invited by Dan Gilmartin, CEO of the MML to be a guest on their radio show (called the Prosperity Agenda) on WJR News/Talk 760. Taping took place last Friday afternoon. Susan explained that the focus of this show is on arts and culture as placemaking tools to revitalize communities. She will speak about the history of public art in St. Joseph and how successful it has been. Co-hosts of the show are Tom Daldin and Jim Edelman of the PBS TV Show "Under the Radar".

Community Meetings

Just a reminder that our annual Community meetings will take place October 6, 7, and 8th this year with the venues to be decided later this week. I have asked Susan to put the information in the upcoming newsletter which will get to residents the first week of September. Like last year, the plan is to pass along timely information but primarily focus on listening to the residents.

Web Site

Enclosed please find some Google Analytics as it relates to key insights that help us determine how our web site is doing and interacting with our users.

Park(ing) Day

There is an international event known as Park(ing) Day with the theme to raise awareness of the need for more urban open space. Artists, designers and citizens transform parking spots into temporary public parks. Community members from Krasl Art Center, Whirlpool Creatives Association and Wightman & Assoc. will be before the City Commission on September 8 to request the City participation in the event and allow the use of four parking spaces (two on

Pearl Street, one on Lake Boulevard and one on Board Street). Without giving away too much of their presentation, two of the spaces will be very helpful in the City Master Plan process.

Board & Commissions

Attached are agendas, minutes and/or reports for the Downtown Development Authority, St. Joseph Water Services Joint Operating Board, Twin Cities Area Transportation Study Policy Committee and Benton Harbor-St. Joseph Joint Wastewater Treatment Plant Board. As always, we have copies of the complete packets if you are interested.

Closing thought:

“Do the best you can in every task, no matter how unimportant it may seem at the time. No one learns more about a problem than the person at the bottom.” Sandra Day O’Connor, former U.S. Supreme Court Justice.

Have a great week and Labor Day Weekend.

sjcity.com performance

Aug 4, 2014 - Aug 10, 2014

 All Sessions
100.00%

 + Add Segment

Goal Completions and Goal Value by Source / Medium

Source / Medium	Goal Completions	Goal Value
google / organic	834	\$350.00
(direct) / (none)	138	\$128.00
bing / organic	119	\$56.00
yahoo / organic	102	\$44.00
173.161.75.2 / referral	20	\$4.00
comcast / organic	7	\$6.00
aol / organic	6	\$2.00
berriencounty.org / referral	6	\$0.00
l.facebook.com / referral	6	\$0.00
en.wikipedia.org / referral	3	\$2.00

Pageviews and Goal Completions by User Type

User Type	Pageviews	Goal Completions
New Visitor	10,906	879
Returning Visitor	4,755	398

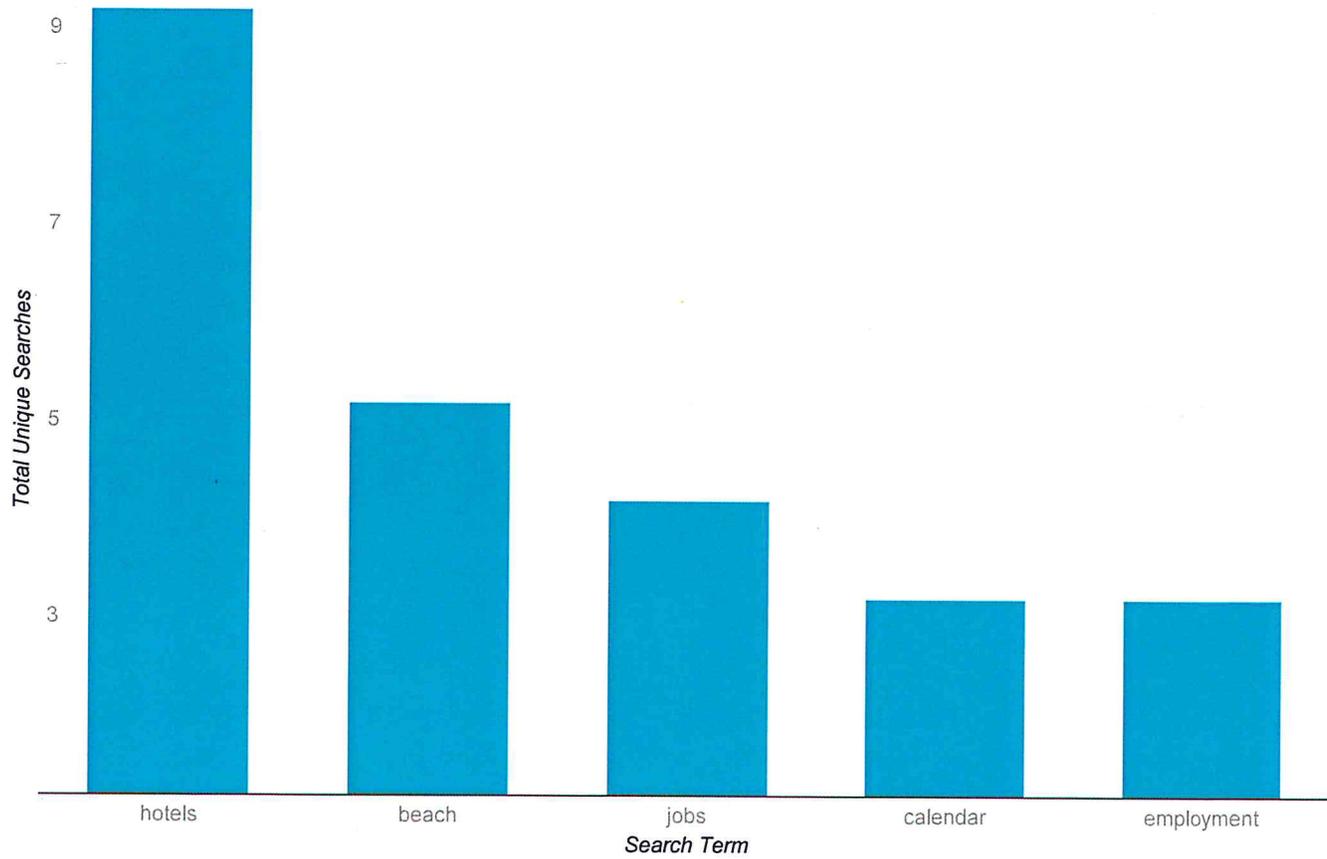
Sessions and % New Sessions by Device Category

Device Category	Sessions	% New Sessions
desktop	3,472	72.24%
mobile	2,630	63.69%
tablet	1,055	67.01%

Pageviews and Unique Pageviews by Page Title

Page Title	Pageviews	Unique Pageviews
The Riviera of the Midwest - City of St. Joseph, Michigan	5,116	4,297
Calendar of Events - City of St. Joseph, Michigan	2,194	1,746
Visitors Guide - City of St. Joseph, Michigan	1,099	976
Tour of St. Joseph, Michigan - City of St. Joseph, Michigan	961	806
Parks - City of St. Joseph, Michigan	338	243
Search - City of St. Joseph, Michigan	330	296
Home - Area Agency on Aging	247	190
Departments - City of St. Joseph, Michigan	226	156
Public Hub - City of St. Joseph, Michigan	213	182

Total Unique Searches by Search Term



sjcity.com performance

Aug 11, 2014 - Aug 17, 2014

 All Sessions
100.00%

 + Add Segment

Goal Completions and Goal Value by Source / Medium

Source / Medium	Goal Completions	Goal Value
google / organic	673	\$312.00
(direct) / (none)	150	\$156.00
bing / organic	102	\$48.00
yahoo / organic	66	\$32.00
173.161.75.2 / referral	17	\$6.00
aol / organic	6	\$2.00
ask / organic	5	\$6.00
berriencounty.org / referral	4	\$2.00
comcast / organic	4	\$0.00
l.facebook.com / referral	4	\$0.00

Pageviews and Goal Completions by User Type

User Type	Pageviews	Goal Completions
New Visitor	8,934	770
Returning Visitor	3,563	305

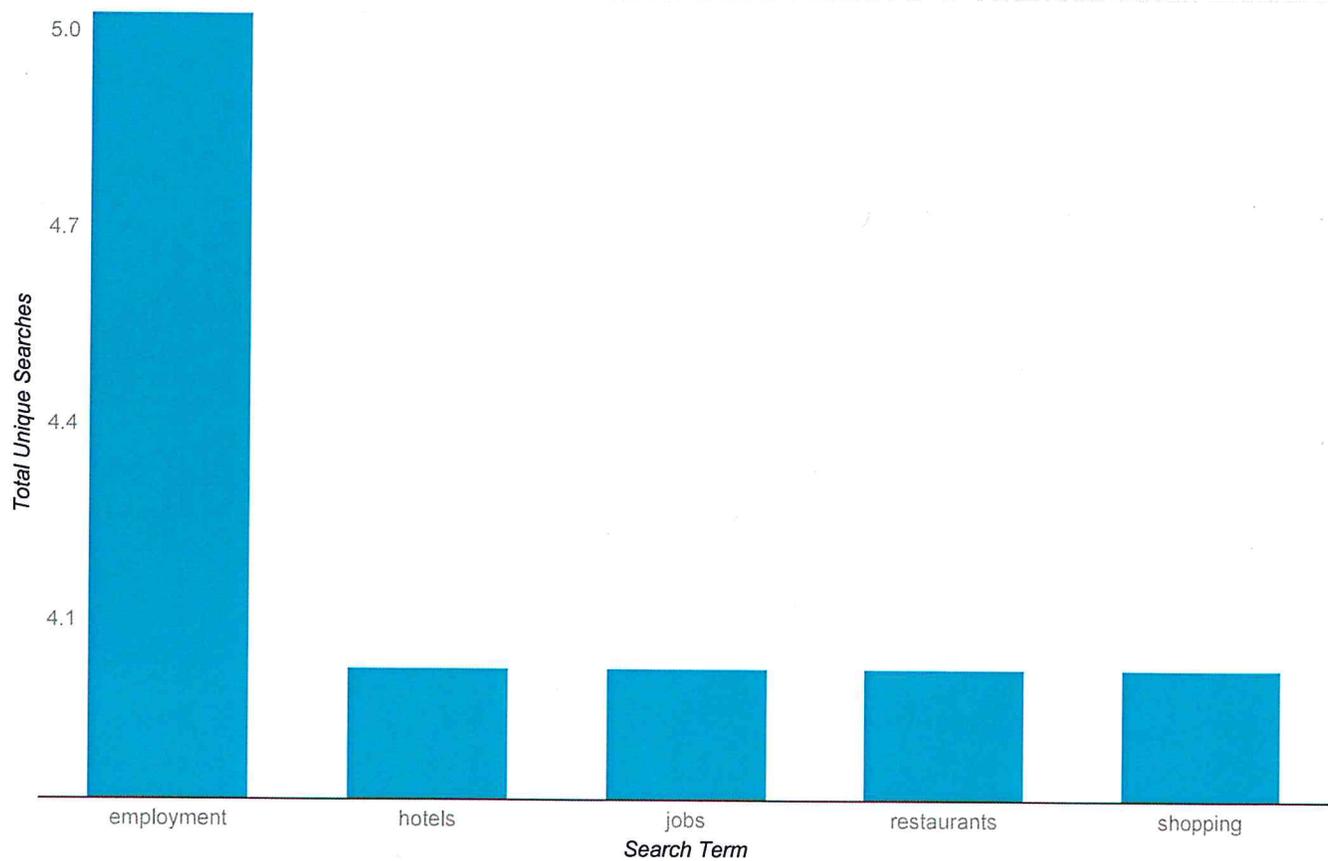
Sessions and % New Sessions by Device Category

Device Category	Sessions	% New Sessions
desktop	2,849	72.13%
mobile	2,046	65.30%
tablet	896	70.76%

Pageviews and Unique Pageviews by Page Title

Page Title	Pageviews	Unique Pageviews
The Riviera of the Midwest - City of St. Joseph, Michigan	4,251	3,637
Calendar of Events - City of St. Joseph, Michigan	1,478	1,180
Visitors Guide - City of St. Joseph, Michigan	902	773
Tour of St. Joseph, Michigan - City of St. Joseph, Michigan	858	692
Search - City of St. Joseph, Michigan	287	254
Parks - City of St. Joseph, Michigan	269	194
Home - Area Agency on Aging	235	183
Departments - City of St. Joseph, Michigan	207	158
Movies in the Park - City of St. Joseph, Michigan	170	131

Total Unique Searches by Search Term





St. Joseph Downtown Development Authority
Commission Chambers
700 Broad St, St Joseph, MI 49085

AGENDA
August 21, 2014
8:30 AM

Call to Order

Old Business

1. Minutes - May 15, 2014 Regular Meeting and June 12, 2014 Special Meeting
2. July 31, 2014 Financial Report
3. Downtown Wayfinding Project

New Business

Public Comment

Reports

Board Member Comments

Adjournment

Minutes of the St. Joseph Downtown Development Authority Meeting held in the Commission Chambers, 700 Broad St, St Joseph, MI 49085 on May 15, 2014.

Call to Order

The meeting was called to order at 8:35 AM by Chairman Mary Goff

Attendee Name	Title	Status	Arrived
Michael Garey	Mayor	Present	
Mary Goff	Chairman	Present	
Phil Kalamaros	Board Member	Present	
Vicki Campbell	Board Member	Present	
Debra Sailor	Board Member	Excused	
Stephanie Grill	Board Member	Present	
Tom Jennings	Board Member	Absent	
Janet Dykstra	Board Member	Present	
Diane Wollenslegel	Board Member	Present	

Consent Agenda

1. Minutes - March 20, 2014 Regular Meeting

Minutes were approved as presented

2. April 30, 2014 Financial Report

Director Lewis review April 30, 2014 Financial Report.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Michael Garey, Mayor
AYES:	Mayor Garey, Chairman Goff, Board Member Kalamaros, Board Member Campbell, Board Member Grill, Board Member Dykstra, Board Member Wollenslegel
ABSENT:	Board Member Jennings
EXCUSED:	Board Member Sailor

Old Business

None

New Business

3. Wayfinding Project

Director Lewis with ad hoc group members Diana Wollenslegel and Stephanie Grill reviewed discussion undertaken with St. Joseph Today Executive Director Jill Stone. It was the consciousness of the Board to work with St. Joseph Today in the development of a common downtown map which could be used in a future wayfinding project. Several ideas and concepts were discussed for the ad hoc group to take under consideration as the project develops.

Public Comment

None

Reports

Director Lewis request a change in the June meeting from June 19 to June 12. The June 12 meeting would be a special meeting to cover two items: (1) adoption of the 2014-2015 Fiscal Year Budget and (2) consideration and approval of an Agreement with St. Joseph Today to provide marketing programs in the off-season.

Regular**Thursday, May 15, 2014****8:30 AM**

Director Lewis reminded the Board of the Public Art Kickoff to take place Friday, May 16 and the BBQ, Blues and Bluegrass to take place on Saturday, May 17.

Commissioner Comments

Board Member Phil Kalamaros asked about efforts to connect Harbor Isle to downtown.

Adjournment

The meeting was closed at 9:17 AM

Respectfully Submitted,
Downtown Development Authority Director

Minutes of the St. Joseph Downtown Development Authority Special Meeting held in the Commission Chambers, 700 Broad St, St Joseph, MI 49085 on June 12, 2014.

Call to Order

The meeting was called to order at 8:30 AM by Chairman Mary Goff

Attendee Name	Title	Status	Arrived
Michael Garey	Mayor	Absent	
Mary Goff	Chairman	Present	
Phil Kalamaros	Board Member	Present	
Vicki Campbell	Board Member	Present	
Debra Sailor	Board Member	Present	
Stephanie Grill	Board Member	Present	
Tom Jennings	Board Member	Absent	
Janet Dykstra	Board Member	Present	
Diane Wollenslegel	Board Member	Present	

New Business

2. Approval of 2014-2015 Fiscal Year Budget

The Downtown Development Authority proposed budget and milage rate for Fiscal Year 2014-2015 has been approved by the City Commission and the Board is required to officially approve the budget prior to July 1, 2014. It was explained that the revenue was lower for the next year to the elimination of personal property tax.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Stephanie Grill, Board Member
SECONDER:	Janet Dykstra, Board Member
AYES:	Chairman Goff, Board Member Kalamaros, Board Member Campbell, Board Member Sailor, Board Member Grill, Board Member Dykstra, Board Member Wollenslegel
ABSENT:	Mayor Garey, Board Member Jennings

3. St. Joseph Today Service Agreement for FY 2014-15

Proposed agreement beginning July 1, 2014 with St. Joseph Today reviewed. The primary objective is to execute marketing programs in the off-season. Board Member Kalamaros regarded this a good value.

RESULT:	APPROVED [6 TO 0]
MOVER:	Diane Wollenslegel, Board Member
SECONDER:	Stephanie Grill, Board Member
AYES:	Chairman Goff, Board Member Kalamaros, Board Member Campbell, Board Member Grill, Board Member Dykstra, Board Member Wollenslegel
ABSTAIN:	Board Member Sailor
ABSENT:	Mayor Garey, Board Member Jennings

Public Comment

None

Commissioner Comments

Board Members discussed various topics of interest.

Adjournment

The meeting was closed at 9:08 AM

Special Meeting

Thursday, June 12, 2014

8:30 AM

Downtown Development Authority Director



St. Joseph Water Services Joint Operating Board
St. Joseph Water Plant
Lion Park Drive, St. Joseph, MI 49085

AGENDA
August 20, 2014
4:00 PM

Call to Order

Order of Business

1. Approval of August 20, 2014 Agenda
2. Minutes of the July 16, 2014 Regular Meeting
3. July 31, 2014 Financial Report

Old Business

4. Fairplain Acceptance

New Business

Reports

5. Superintendent Report - July 2014

Public Comment

Board Member Comment

Adjournment

Minutes of the St. Joseph Water Services Joint Operating Board Meeting held in the St. Joseph Water Plant, Lion Park Drive, St. Joseph, MI 49085 on July 16, 2014.

Call to Order

The meeting was called to order at 4:00 PM by Chairman John Hodgson

Attendee Name	Title	Status	Arrived
Deborah S. Koroch	Trustee	Present	
Tim Zebell	Trustee	Present	
John Hodgson	Chairman	Present	
Bob Basselman	Trustee	Present	
Ray Mak	Vice-Chairman	Present	
Charles Garlanger	Trustee	Present	

Order of Business

1. Approval of July 16, 2014 Agenda

MOTION: To approve the July 16, 2014 Agenda as presented.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Ray Mak, Vice-Chairman
SECONDER:	Bob Basselman, Trustee
AYES:	Trustee Koroch, Trustee Zebell, Chairman Hodgson, Trustee Basselman, Vice-Chairman Mak, Trustee Garlanger

2. Minutes of the June 18, 2014 Regular Meeting

MOTION: To approved the June 18, 2014 Minutes as presented.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Tim Zebell, Trustee
SECONDER:	Charles Garlanger, Trustee
AYES:	Trustee Koroch, Trustee Zebell, Chairman Hodgson, Trustee Basselman, Vice-Chairman Mak, Trustee Garlanger

3. June 30, 2014 Financial Report

MOTION: To approved the unaudited financial report for the period ending June 30, 2014 as presented.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Charles Garlanger, Trustee
SECONDER:	Ray Mak, Vice-Chairman
AYES:	Trustee Koroch, Trustee Zebell, Chairman Hodgson, Trustee Basselman, Vice-Chairman Mak, Trustee Garlanger

Old Business

4. Fairplain Acceptance

Chairman Hodgson welcomed guests Tim Fenderbosch, Alan Smaka and Richard Lewis; who were present to respond to the letter sent to St. Joseph Charter Township regarding the Fairplain water system acceptance and to further discuss the issue of the interconnections and the provisions of the Agreement between the City of St. Joseph and St. Joseph Charter Township regarding the Fairplain project.

Mr. Lewis began the discussion by reviewing the circumstances and recent discussions he had with Mr. Fenderbosch on this matter.

Mr. Smaka of Wightman & Associates described the location and status of the remaining five

interconnects; he acknowledged that the Agreement stipulated that only one interconnect remain after construction. He stated that St. Joseph Charter Township was willing to cut and cap the Elvern/Colfax and Elmside/Colfax interconnections and to install the meter at Nickerson/Colfax. He suggested that the Napier/Colfax interconnect be retained and locked with no meter. Mr. Alimenti reported that the City of Benton Harbor had agreed to assume the cost to install a meter at the Empire/Woodward interconnect, if the interconnection was left in place.

Mr. Zebell and Mr. Hodgson objected to the Napier/Colfax interconnect remaining without a meter stating to allow an unmetered interconnect would be inconsistent with existing policy and practice which requires interconnects to be metered. In addition, Mr. Zebell stated a meter is the best way to detect water loss from the interconnection.

Discussion ensued.

The following consensus was reached regarding each remaining interconnection:

Elmside/Colfax - cut and capped at SJCT expense

Elvern/Colfax - cut and capped at SJCT expense

Nickerson/Colfax - metered at SJCT expense

Empire/Woodward - metered at BHC expense

Napier/Colfax - the interconnection could remain providing BCT would fund the cost of a meter and installation.

Mr. Alimenti will meet with Benton Charter Township regarding their interest in maintaining the interconnection and funding the meter and installation.

Chairman Hodgson noted that because the Agreement provides for only one interconnect between either Fairplain and the City of Benton Harbor or Fairplain and Benton Charter Township, any concurrence by this board to allow more than one interconnection would first require an amendment to the original agreement approved by all parties to the Agreement.

New Business

5. 2009 Water Service Agreement

Chairman Hodgson brought to the board's attention Section 16 of the 2009 Water Service Agreement, which calls for consideration of a renewal every five years. He stated that the 2009 Water Services Agreement is a 30 year agreement set to expire May 1, 2039. Section 16, allows for the contract to be extended every five (5) years thus maintaining a 30 year term.

Mr. Fenderbosch and Mr. Basselman stated that St. Joseph Charter Township and Royalton Township Boards had approved a five year extension; Mr. Mak stated that Lincoln Charter Township and the SWMWSTA would be considering an extension at their next regular meeting.

Mr. Hodgson will place on the St. Joseph City Commission agenda for their consideration.

Reports

6. Superintendent Report - June 2014

Mr. Alimenti reviewed the June 2014 Water Plant Report, which was provided as part of the packet.

Public Comment

There were no public comments.

Board Member Comment

Mr. Mak expressed concern that recent combined sewer overflows in Indiana were not being reported and that the St. Joseph Water Plant had not been notified of these occurrences as is required by the State of Michigan.

Discussion ensued regarding State of Indiana and Federal reporting requirements.

Adjournment

The meeting was closed at 4:45 PM

Presiding Officer

City Clerk/ Recording Secretary

Attachment: July 2014 Minutes (1724 : Minutes of the July 16, 2014 Regular Meeting)



Memorandum

DATE: August 19, 2014

FROM: Greg Alimenti, Water Plant Superintendent
Tim Zebell, City Engineer

TO: Water Services Joint Operating Board

CC: Richard Lewis, City Manager
Derek Perry, Director of Public Works

RE: St. Joseph Charter Township East Interconnects

The goal of memo is to communicate the current status of the water main interconnects between St. Joseph Charter Township East (Fairplain) and the City of Benton Harbor and Benton Charter Township and to make a recommendation to help bring the acceptance process to a close. The addendum to the water service contract, approving the addition of the Fairplain area to the City/Authority system, called for one interconnect, either with the City of Benton Harbor or Benton Charter Township. At the end of construction, it was determined that five interconnections existed (detailed below). Since that time, there has been considerable discussion regarding the desire to maintain connections between both the City of Benton Harbor and Benton Charter Township with Fairplain to improve redundancy and reliability. There is no dispute as to the increased benefit offered by the interconnections, however a point of contention arises with regard to the cost of metering the interconnections and who should pay for them. Also of note, the two existing interconnections between City of Benton Harbor and Lake Charter Township with the City/Authority system are metered and agreements are in place regarding their operation.

For the purpose of this summary, I will assume that St. Joseph Charter Township secures approvals from the municipal entities party to the water service agreement for the additional interconnection(s). A recommendation of support from the WSJOB should aid St. Joseph Charter Township in this endeavor. A listing of the interconnects that remain following the Fairplain Project follows with a brief status on each. The map, supplied at the July 17th WSJOB is provided below the summary for reference.

1. Empire and Woodward –A 12” x 8” connection exists near the intersection of Empire and Woodward. At the July 17th WSJOB meeting, Greg Alimenti stated that the City of Benton Harbor has expressed a desire to maintain this connection. Mr. Alimenti continued that the City of Benton Harbor is willing to supply and install an appropriate meter at the interconnection point. There appeared to be consensus among the WSJOB to support this as it is the sole practical connection between Fairplain and the City of Benton Harbor system.
2. Colfax and Elvern – This interconnection is not shown on the draft record drawings and the small connection does not provide a significant benefit. Alan Smaka stated that St. Joseph Charter Township was willing to cut and cap this connection at their cost.
3. Colfax and Napier – This interconnection is not shown on the draft record drawings. The 8” interconnection would be redundant to the Colfax and Nickerson connection (see below) but

Attachment: SJCT Interconnects - to WSJOB (1727 : Fairplain Acceptance)

St. Joseph Charter Township East Interconnects

given its size, offers some benefit to the system. Therefore, Mr. Alimenti met with Elden Piontek to see if Benton Charter Township would be willing to install a meter to maintain a second interconnect between the two systems at this location (Colfax and Nickerson is the primary location – see below). Following the meeting, Greg Alimenti reported that Benton Charter Township has no interest in paying for meters. This is the only interconnection location that remains unresolved based upon the above assumption that the municipal entities party to the water service agreement approve more than one connection.

4. Elmside and Napier – This interconnection is not shown on the draft record drawings and the small connection does not provide significant benefit. Alan Smaka stated that St. Joseph Charter Township is willing to cut and cap this connection at their cost.
5. Colfax and Nickerson – This location was noted as a potential interconnect in the addendum to the water services agreement, and is considered the best connection between the Fairplain and Benton Charter Township systems because of the 12” mains on Colfax and Nickerson. Mr. Smaka stated that St. Joseph Charter Township is willing to install a metered interconnection at this location.

A brief explanation as to why City staff has taken a strong stance to install meters at all interconnects.

- It is the current standard - meters are in place at the approved interconnection points.
- A meter helps staff to detect if there is water loss between systems for water auditing purposes. Given that we read meters once a quarter, and that our system is on a staggered billing cycle, it is difficult to extrapolate water loss volumes through analysis of historical data. Adding an unmetered interconnect with a single valve increases the potential for inaccurate water audit results. Over time valves can leak internally (not detectable by an exterior visual inspection) and pressure differences on either side of a single valve increases the potential for water loss from the higher pressure system to the lower pressure system.
- A properly configured interconnect has two valves, one on either side of the meter. In order for an interconnect to be reliable, the valves need to be exercised on a regular basis. A single valve interconnect configuration does not provide isolation between the systems during valve exercising that a two valve/metered interconnection offers.

Recommendation to Resolve the Colfax/Napier Interconnection

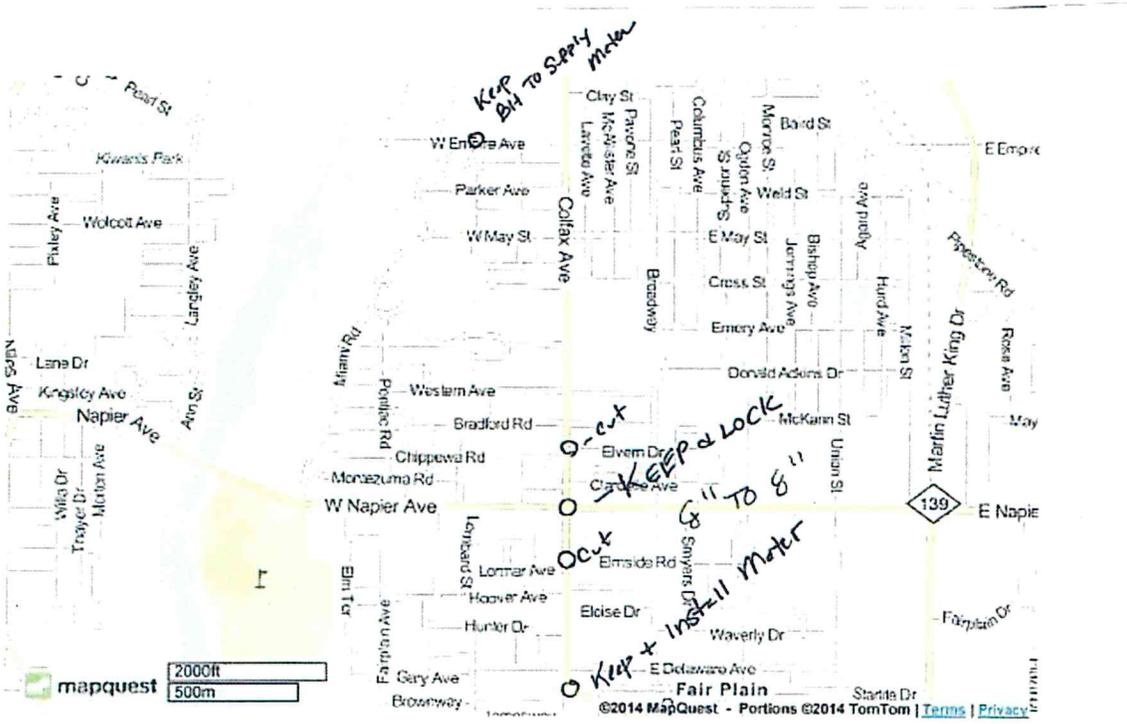
One of two options are recommended for the interconnect at Napier and Colfax. The first option is to remove the interconnect by cutting and capping the main. Given the confusion between the pass down of information between Benton Township’s and St. Joseph Charter Township’s Engineers, it is difficult to determine responsibility for the oversight. To break this deadlock and resolve this issue, it will likely be most expedient for the City/Authority system to pay for the work. Mr. Smaka estimated cutting and capping the main on Napier to be in the range of \$7,500 to \$10,000. The second option would be to approach Benton Charter Township one last time to offer to participate in the cost to install a metered interconnection at this location with the City/Authority system offering to pay 50% of the cost up to a cap of \$10,000.

St. Joseph Charter Township East Interconnects



This map doesn't contain any items.

Notes



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Attachment: SJCT Interconnects - to WSJOB (1727 : Fairplain Acceptance)

CITY OF ST. JOSEPH WATER FILTRATION PLANT

OPERATIONAL REPORT

JULY 2014



Mission Statement

WSJOB- The City and Authority working together to provide safe drinking water of the highest quality to all of our customers at the lowest possible price.

WATER PLANT REPORT-JULY 2014

Water demand in July was down up by 43,080,000 gallons from last year which represents a 21% decrease. This year only 162,504,136 gallons were delivered which compares to 205,584,737 gallons delivered in July of 2013. The 2014 July pumpage ranked 30th in the 30 year tabulation dating back to 1985.

GENERAL ACTIVITIES

Water Plant Security

Simplex Grinnell was approved to install security cameras and card access at the water plant. The equipment is on order and is expected by sometime in August. The plan is for Mead & White and water plant staff to route and run conduit and for Simplex Grinnell to furnish and install the equipment. Installation is currently underway at City Hall.

Strategic Capital Improvement Plan

Plant staff met with the full team from CH2M Hill at the water plant in July. Hill brought in experts in mechanical, architectural and electrical systems to complete the condition assessment phase of the plan. To date the Asset Hierarchy and Process Assessment have been completed. The anticipated completion date is in October.

Benton Harbor Emergency Interconnect

Work is currently underway on the rehabilitation of the M63 Interconnect. Staff has ordered replacement bolts for all of the pipe flanges and valve housings located inside of the vault. Air Therm is replacing the bolts by cutting out the old ones with a welder and installing new. Staff is looking into the replacement of the roof slab and reinforcement of the walls. The City of Benton Harbor has expressed interest in contributing to this effort.

In addition, the Cities of St. Joseph and Benton Harbor are working together to draft an emergency interconnect agreement. The City Managers and Mr. Alimenti met on May 6th to review the draft document. The City Attorney reviewed the draft and made recommendations. Abonmarche is preparing a site plan and layout of the valve vault which will be included as an exhibit in the agreement which should be ready by the week of August 18th.

Unregulated Contaminant Monitoring (UCMR) III – 2013 Testing Results

As part of the federal drinking water program, USEPA issues a list of currently unregulated contaminants to be tested by Public Water Systems throughout the nation. This process occurs every five years pursuant to the Unregulated Contaminant Monitoring Rule (UCMR). The purpose of the UCMR program is to determine the prevalence of unregulated contaminants in drinking water. Results of this testing help USEPA determine whether or not to regulate new contaminants for protection of public health.

There have been three cycles of monitoring: UCMR 1 (2001-2003), UCMR 2 (2008-2010), and UCMR 3 (2013-2015). The City of St. Joseph was not required to participate in UCMR 1 and of the 37 contaminants tested in UCMR 2 none were detected. The City also participated in the current UCMR 3 in 2013. The City tested 21 contaminants on USEPA's List 2 (Screening Survey). Of the 21 contaminants tested, 17 were non-detected and five had results. The detected contaminants and results appear on the Water Quality Data table under *Special Monitoring and Unregulated Contaminants* in our 2013 CCR issued on June 27th.

Stage 2 D/DBP Monitoring Results-Authority

The Stage 2 DBP rule is one part of the Microbial and Disinfection Byproducts Rules (MDBPs), which are a set of interrelated regulations that address risks from microbial pathogens and disinfectants/disinfection byproducts. The stage 2 DBP rule focuses on public health protection by limiting exposure to DBP's, specifically total trihalomethanes (TTHM) and five haloacetic acids (HAA5) which can form in water through disinfectants used to control microbial pathogens. The St. Joseph Water Plant utilizes chlorine as a disinfectant.

In April the HAA5 level recorded was elevated at 72 ppb at site #2 (Lincoln Township Hall). This was likely due to high organics from Spring runoff and the lack of mixing in the lake given the unusually long ice cover. Community water supplies cannot exceed 60 ppb as a running annual average. Given the seasonal nature of HAA5, production, we expected the running annual average to remain well below the limit and they did. In July an HAA5 result of 25.8 ppb which yielded an annual running average of 39.7 ppb.

Intake Inspections

Both the north and south St. Joseph Water Plant intakes were inspected in May. Seebrex Diving recorded 1.5 ft of accumulated sand in the bottom of intake structures and in the pipe extending past the Y. A full report and video was presented to plant staff. Upon completion of the raw water sample line modifications it was discovered that the sand had accumulated to 2.5 ft. This material was removed while as part of the modification project. Cleaning of the pipe will done in July/August as weather permits and competitive bids will be sought for that work.

Intake Raw Water Sample Line

The raw water sample line is a ¾" HDPE pipe that extends from the low service pumping station to the north intake structure. The line provides plant staff with the capability of obtaining real time raw water data which is unaffected by the chlorine feed in the intake. The line must be periodically backflushed with tap water which contains chlorine. The current setup as designed is set to backflush to an end point wherein no chlorinated water reaches the lake. Plant staff is concerned however that the chlorine residual is weakened to such an extent by the time the stream reaches the intake that no protection against mussel growth in the line is achieved. Staff has been in discussion with DEQ Lansing regarding acceptable NPDES chlorine discharge limits and sampling protocols.

Given the stringent limits an alternate design has been developed wherein the installation of a check valve and bypass inside of the intake structure has been devised and will be installed by Seebrex Divers. This bypass and check will redirect the backflush water into the intake which will then be drawn into the intake pipe and not discharged to the lake. A screen dome will be fabricated and placed on the existing sample line strainer located outside of the intake (on the 'roof') which will be cleaned by divers semi-annually.

The bypass, check valve and screen were installed by Seebrex in July. Plant staff tested the installation and report that it is working well.

Algae

On August 1st, algal blooms in Lake Erie gained national attention when the City of Toledo issued a drinking water ban due to high levels of the blue green algal toxin Microcystin in its finished water. Microcystin is produced by Blue Green algae Microcystis (Genus name). Upon learning of this we looked into whether this could occur in Lake Michigan and if so whether the water plant could remove it as well as how the toxin could be detected. Early on it became apparent that the conditions in Lake Erie differed markedly from those of Lake Michigan and the likelihood of high levels of Microcystis would be remote. This algae requires warm temperatures (generally above 77 degrees F), and high phosphorus levels. Given the depth of Lake Michigan and the low relative phosphorus concentrations, the conditions are simply not favorable for any significant algal growth. The Lake Erie watershed which is fed predominantly by the Maumee River in terms of phosphorus is heavily influenced by agricultural runoff containing phosphorus rich fertilizers and pesticides.

In spite of the low risk of Microcystis we did analysis both our raw and tap water for this toxin and found none present. On an operational basis we are now monitoring daily satellite imagery from NASA of chlorophyll content in Lake Michigan. If chlorophyll levels on the East Shore increase to unacceptable levels we will test for algal toxins again and initiate operational changes to maximize removal.

Travel & Training

Grand Valley State University Annis Water Institute

The West Michigan Superintendents Group attended an on the water educational tour presented by Grand Valley State's Annis Water Research Institute. Basic concepts in lake ecology were accompanied by hands on training. Through GVSU we have also learned of the International Association for Great Lake Research and its monthly journal which has been of great benefit in understanding the blue green algae problem in Lake Erie.

AWWA National Conference

I attended one day of the National AWWA Conference & Exposition while on vacation in Boston. I focused my attention on AMI (Advanced Metering Infrastructure) and Waterborne Disease. I attempted to take in as much as I could of the exposition during my lunch hour and caught part of the national tapping competition.

Cross Connection Control Inspections

Hydro Designs completed 32 inspections in the City during the weeks of August 4th and 11th. I accompanied the inspector on several inspections in the field including the new Harbor Village, Azul Restaurant, City Hall and the Joint Wastewater Plant.

High Service VFD #5

As I mentioned in the July meeting, VFD #5 failed in late June. Staff had obtained competitive bids for its replacement and a quote for the replacement of the drive only and we were planning to bring them before the board in August and to the City Commission subsequent to WSJOB approval. However, on August 3rd, the failure of high service #3 forced us to obtain emergency authorization from the City Manager and Commission to replace the drive. Schnieder Electric furnished a quote in the amount of \$16,995 for the replacement of the drive only (switchgear and cabinet to stay).

High Service #3

On August 1st, High Service #3 failed. Specifically the babbit bearing in the motor seized. The motor had last been rebuilt in 2002. Peerless Midwest was called in to pull the motor. At this time competitive bids are being sought for the replacement of the motor and base.

Reclaim Pump #2

On August 3rd, Reclaim Pump #2 failed due to a reclaim sensor failure. Peerless pulled this pump while here to pull High Service #3. Emergency authorization to hire Peerless to rebuild the pump was sought and granted by the City Manager on August 15th. This is urgent since the plant is now dependent on the other reclaim pump until #2 is rebuilt. The reclaim pump functions to pump reclaim water back into the process. Without them, reclaim water which originates as filter backwash water would overflow to Lake Michigan. The plant holds an NPDES permit for backwash water discharge to the lake which is limited to 240,000 gallons per day. Average day backwash water in July was 72,000 gallons per day.

**ST. JOSEPH WATER FILTRATION PLANT
1701 LIONS PARK DRIVE
SAINT JOSEPH, MI. 49085**

**By: Greg Alimenti
St. Joseph Water Plant
700 Broad St.
Saint Joseph, MI. 49085-1276
(269) 983-1240**

JULY 2014

DISTRIBUTION:	
Total Gallons	162,504,136
Average Day	5,242,069
Maximum Day	6,837,467
Minimum Day	3,820,178

TREATMENT:	
Total Low Service	166,166,253
Wash Water Gals.	2,254,332
Wash Water %	1.37%
Plant Use Gals.	1,602,547
Plant Use %	0.98%

FILTRATION:		
Ave. Filter Run	115.5	hours
Ave. Filter Rate	1.98	g/sqft/min
Filter Eff. Index	208.2	
Ave. Loss of Head	4.3	feet
Plant Sewer Usage		

LABRATORY REPORT		
Average of	Raw	Tap
Chlorides mg/L	18.4	18.0
Fluoride mg/L	0.14	0.95
Alkalinity mg/L	106	95
Hardness mg/L	133	130
pH	7.9	7.4
Calcium mg/L	37	36
Magnesium mg/L	10	10
Turbidity NTU	2.68	0.03
Temperature °F	65	
Total Coliform		0.0
Chlorine Residual		mg/L Free
Mixing Basin		1.53
Applied		1.68
Tap		1.46
Distribution		0.97

TREATMENT CHEMICAL SUMMARY:					
	Applied mg/L	Total Lbs.	Cost	Inventory lbs.	Days Supply
		CHEMICAL			
Alum (Al ³⁺)	1.53	2,100	\$6,110.04	5,814	86
Chlorine (Cl ₂)	3.17	4,388	\$1,140.88	11,102	78
Fluoride (F ₂)	0.68	947	\$2,841.45	279	9

		REMARKS:			
Total Cost all Chemicals	\$10,092.37				
Chemical Cost per Mil. Gallon Treated	\$60.74				
Chemical Cost per Mil. Gallon Delivered	\$62.11				
PLANT UTILITIES SUMMARY					
Electric:					
Total KWH	5,440	***includes measure of melted snow			
Total Power Cost	\$21,501.80	visit the City of Saint Joseph's Home page at www.sjcity.com			
Power Cost per Million Gallon Treated	\$115.36	e-mail comments to either: operator@sjcity.com or alimenti@sjcity.com			
Power Cost per Million Gallon Delivered	\$129.40	WEATHER CONDITIONS AT THE PLANT Air Temp. °F			
Gallons Pumped per KWH	29872	SJWW Weather Computer		Avg.	77.6
		Rain Guage, Inches	1.94	Max.	85.3
		days it rained***	14	Min.	57.7
Natural Gas:		Wind Speed, Avg	6.9	Lake Temp. °F	
Metered Cubic Feet	0	Wind Speed, Max	51	Avg.	64.6
Natural Gas Cost	-	Prevailing Wind Dir.	North	Max	75.9
Emergency Power Diesel Fuel Inv., Gals.	3100	Lake Level (USACE)	579	Min	47.9

CLEVELAND BOOSTER STATION

HILLTOP BOOSTER STATION

BOTH

DATE	MGD TREATED	FEED METER GAL	CHL LBS/DAY	CHLORINE APPLIED mg/l	Cl ₂ RES PRE mg/l	Cl ₂ RES POST mg/l	Cl ₂ RES MON mg/l	MGD TREATED	FEED METER GAL	CHL LBS/DAY	CHLORINE APPLIED mg/l	Cl ₂ RES PRE mg/l	Cl ₂ RES POST mg/l	Cl ₂ RES MON mg/l	MGD TREATED
1-Jul	1.647	46	6.52	0.47	1.53	1.41	1.48	1.396	23	3.26	0.28	1.18	1.43	1.49	3.043
2-Jul	1.929	85	12.05	0.75	1.32	1.62	1.65	0.325	5	0.71	0.26	1.17	1.16	1.22	2.254
3-Jul	2.779	113	16.02	0.69	1.21	1.53	1.64	0.000	0	0.00	0.00	2.01	1.04	1.06	2.779
4-Jul	2.562	100	14.18	0.66				0.798	13	1.84	0.28				3.360
5-Jul	2.562	100	14.18	0.66				0.798	13	1.84	0.28				3.360
6-Jul	2.562	100	14.18	0.66				0.798	13	1.84	0.28				3.360
7-Jul	2.562	100	14.18	0.66	1.38	1.89	1.97	0.798	13	1.84	0.28	2.20	1.85	1.98	3.360
8-Jul	2.904	98	13.89	0.57	1.73	1.58	1.55	0.620	10	1.42	0.27	1.93	1.26	1.34	3.524
9-Jul	1.610	56	7.94	0.59	1.26	1.52	1.68	0.908	16	2.27	0.30	1.33	1.51	1.63	2.518
10-Jul	1.726	58	8.22	0.57	1.45	1.73	1.80	1.336	28	3.97	0.36	1.50	1.77	1.86	3.063
11-Jul	2.845	108	15.31	0.65	1.37	1.66	1.72	1.076	20	2.84	0.32	2.71	1.86	2.03	3.921
12-Jul	2.058	81	11.48	0.67				1.225	11	1.56	0.15				3.283
13-Jul	2.058	81	11.48	0.67				1.225	11	1.56	0.15				3.283
14-Jul	2.058	81	11.48	0.67	1.42	1.64	1.71	1.225	11	1.56	0.15	1.29	1.64	1.75	3.283
15-Jul	2.348	100	14.18	0.72	1.38	1.63	1.72	0.615	10	1.42	0.28	2.11	1.72	1.84	2.963
16-Jul	1.287	49	6.95	0.65	1.30	1.63	1.65	0.610	10	1.42	0.28	1.27	1.61	1.67	1.897
17-Jul	2.370	91	12.90	0.65	1.66	1.53	1.52	0.947	16	2.27	0.29	1.92	1.40	1.52	3.317
18-Jul	1.961	74	10.49	0.64	1.28	1.52	1.55	1.056	14	1.98	0.23	1.23	1.49	1.32	3.017
19-Jul	2.563	98	13.89	0.65				1.603	12	1.70	0.13				4.165
20-Jul	2.563	98	13.89	0.65				1.603	12	1.70	0.13				4.165
21-Jul	2.563	98	13.89	0.65	1.53	1.74	1.77	1.603	12	1.70	0.13	1.49	1.51	1.60	4.165
22-Jul	3.449	144	20.42	0.71	1.47	1.69	1.65	1.446	21	2.98	0.25	1.50	1.63	1.69	4.895
23-Jul	2.581	108	15.31	0.71	1.43	1.67	1.73	1.375	20	2.84	0.25	1.41	1.65	1.68	3.956
24-Jul	1.614	52	7.37	0.55	1.51	1.51	1.58	1.982	27	3.83	0.23	1.53	1.74	1.77	3.595
25-Jul	2.745	114	16.16	0.71	1.71	1.93	1.88	1.013	4	0.57	0.07	1.53	1.75	1.78	3.758
26-Jul	2.927	122	17.30	0.71				0.924	12	1.70	0.22				3.850
27-Jul	2.927	122	17.30	0.71				0.952	12	1.70	0.21				3.879
28-Jul	2.927	122	17.30	0.71	1.35	1.39	1.41	0.924	12	1.70	0.22	2.03	1.61	1.64	3.850
29-Jul	2.934	128	18.15	0.74	1.64	1.71	1.67	0.364	6	0.85	0.28	1.51	1.37	1.38	3.298
30-Jul	2.308	99	14.04	0.73	1.31	1.33	1.37	1.206	19	2.69	0.27	1.37	1.56	1.60	3.514
31-Jul	2.999	42	5.95	0.24	1.51	1.22	1.22	0.664	12	1.70	0.31	2.37	1.33	1.43	3.664
TOTAL	74.925	2,868	406.63					31.412	418	59.26					106.337
AVE DAY	2.417		13.12	0.65	1.4432	1.5945	1.6327	1.0133		1.91	0.23	1.66	1.54	1.60	3.430
MAX	3.449		20.42	0.75	1.73	1.93	1.97	1.9817		3.97	0.36	2.71	1.86	2.03	4.895
MIN	1.287		5.95	0.24	1.21	1.22	1.22	0.0000		0.00	0.00	1.17	1.04	1.06	1.897
MONTHLY TOTALS:	Cleveland	Total MG Treated	74.925	SUCT East	74.925	Total Month	7.4298	Hilltop	Total MG Treated	31.412	Cleveland Pump Station:	31.415	Hilltop Pump Station:	31.415	TOTAL AUTHORITY (Ttrted.)
Total Authority Flow:	112.105	Untreated	0.000	Average Day	0.000	0.2397			Untreated	0.000	TOTAL AUTHORITY (Ttrted.)				106.34

JOINT BOARD OF COMMISSIONERS

**Benton Harbor - St. Joseph
Joint Wastewater Treatment Plant**

REGULAR MEETING

AUGUST 21, 2014

AGENDA

CALL TO ORDER.

PLEDGE OF ALLEGIANCE.

- 1. APPROVAL OF THE AGENDA.**
- 2. APPROVAL OF MINUTES JULY 17, 2014 REGULAR MEETING.**
- 3. APPROVAL OF VOUCHERS.**
- 4. QUARTERLY FINANCIAL REPORTS.**
- 5. CORRESPONDENCE.**
- 6. IPP REPORT -- SIX MONTH COMPLIANCE REVIEW.**
- 7. MATERIAL & EQUIPMENT BIDS.**
- 8. CONSTRUCTION UPDATE.**
- 9. ENGINEERING FEES - HEADWORKS IMPROVEMENT PROJECT.**
- 10. MONTHLY OPERATION REPORTS.**
- 11. MANAGER'S REPORT.**
- 12. OLD BUSINESS.**
- 13. NEW BUSINESS.**
- 14. COMMISSIONERS' COMMENTS.**
- 15. PUBLIC COMMENTS.**

DATE: AUGUST 21, 2014

TIME: 11:00 A.M.

**PLACE: JOINT WASTEWATER TREATMENT PLANT
269 ANCHORS WAY
ST. JOSEPH, MI 49085**

A regular meeting of the Joint Board of Commissioners of the Benton Harbor - St. Joseph Joint Wastewater Treatment Plant was held at the plant on July 17, 2014.

A record of attendance follows:

Name	Position	Community	Present	Absent
Ray Mak	Chairman	LMSW&STA	x	
Tim Zebell	Vice-Chairman	St. Joseph	x	
Steve Archibald	Secretary	Benton Harbor	x	
Tom Baldwin	Treasurer	Benton Township	x	
Darwin Watson	Member	Benton Harbor	x	
Lorraine Thomas	Member	St. Joseph	x	
Richard Lewis	Member	St. Joseph	x	

Also in attendance: Timothy Lynch, Plant Manager.

- 1. Call to Order & Pledge of Allegiance:** Mr. Mak called the meeting to order at 11:00 a.m. The Pledge of Allegiance was recited. Mr. Mak asked for additions and/or corrections to the minutes of the June 19, 2014 regular meeting. There being none, the minutes were approved as mailed.
- 2. Approval of Agenda:** On a motion by Zebell, seconded by Baldwin and unanimously carried; the Board approved the meeting agenda.

11:07 a.m., Mr. Watson entered the meeting.

- 3. Approval of Vouchers:** The following vouchers were presented for approval:

June 20, 2014	Vouchers # 33004-33021	\$ 43,015.93
June 30, 2014	Vouchers # 33022-33038	105,318.19
July 11, 2014	Vouchers # 33039-33053	10,558.11
July 14, 2014	ACH Payment – Synagro	17,086.80

Moved by Baldwin, seconded by Thomas to approve the vouchers as presented. The motion carried unanimously.

11:27 a.m., Mr. Archibald entered the meeting.

- 4. Governmental Flows Recap:** Mr. Lynch reviewed influent flows from tributary governmental units for Fiscal Year 2013-14. Influent flows from governmental units totaled 2,944.0 million gallons, a decrease of 31 million gallons from last year. This represents a decrease of 1.04% compared to last year.
- 5. Correspondence:** Mr. Lynch reviewed an article from the South Bend Tribune provided by Mr. Mak relating to sanitary sewer overflows in the Michiana area. During a recent storm, the Goshen wastewater plant released 1.3 million gallons of wastewater into the St. Joseph River. According to the article, the South Bend plant discharges 1 billion gallons annually and the Mishawaka plant discharges 111 million gallons annually into the St. Joseph River. The BHSJ Joint Plant has not experienced an overflow into the river since March 2009.
- 6. Set Regular Meeting Date & Time:** Moved by Zebell, seconded by Thomas and unanimously carried; the Board set the following as the date, place and time for its regular board meetings for the 2014-15 fiscal year:
Date: Third Thursday of the month.
Place: Joint Wastewater Treatment Plant
Time: 11:00 A.M.

- 7. Recap of Property and Liability Insurance:** Mr. Lynch presented a recap of the property and liability (P&L) insurance coverage and associated premium costs as provided through the Michigan Municipal League Property and Liability Insurance Pool (see attached). The plant's insurable replacement value was reported at \$52,024,753, an increase of approximately 2.8% over the prior year. The total premium cost for Fiscal Year 2014-15 was reported as \$44,605 not including an anticipated dividend check of approximately \$5,300. A 10% increase in premium cost was noted and included general liability coverage of \$5 million. Workers' Compensation (WC) insurance costs were also reviewed. The total projected premium for P&L and WC for FY 2014-15 when including the dividend check is \$48,887.

8. **Overtime Report:** Mr. Lynch reviewed the unionized labor overtime costs (see attached) for the past six fiscal years (2008-09 through 2013-14). The overtime cost percentage in relationship to the total payroll cost for the plant's unionized employees was 1.44%, 0.84%, 0.84%, 0.83 %, 1.88% and 1.08%, respectively, for the past six years.
9. **Monthly Operation Reports:** The monthly operating reports were reviewed. The plant met all NPDES permit requirements for the month of June 2014.
10. **Manager's Report:**
 - a) **Financial audit:** Mr. Lynch reported that plant staff is preparing for the FY 2013-14 financial audit. Plante Moran will be on site on August 11th.
 - b) **Headworks project/engineering:** A meeting is scheduled with Mr. Lynch and AECOM Engineers to discuss additional engineering fees for the Headworks Project due to change in project scope and complexity in the design. Scheduling of the work relating to the blower replacement and the SCIP Update will also be discussed.
11. **Old Business:** Mr. Mak again recommended the Board and Joint Plant continue to pursue additional property acquisition opportunities to improve solids handling options in the future.
12. **New Business:** None
13. **Commissioners' Comments:** Mr. Mak reported on the status of the submersible pumps at the Lakeshore Authority Hickory Creek Pump Station. He reported Pump #1 had to be pulled for repair and shipped out for the work. He also reported that when Pump #1 is repaired, a larger impeller would be installed to accommodate additional pumping requirements necessary to deliver wastewater to the Joint Plant's new headworks facility. Pump #2 was found not operating to capacity. Upon inspection, it was determined the pump's impeller area had become clogged with a plastic material that impeded its pumping capacity. The pump was cleaned and returned to service. Ms. Thomas requested that, in the future, if an issue is unresolved and pending resolution, that board members be notified when the issue is resolved. She specifically noted the circumstance after the June meeting where it was determined after the meeting that engineering contracts could be awarded to AECOM. Mr. Lynch acknowledged the incident and concurred he would contact board members if a similar incident occurred in the future.
14. **Public Comments:** None

The meeting was adjourned.

Steve Archibald, Secretary

Date: _____

BENTON HARBOR – ST. JOSEPH JOINT WASTEWATER TREATMENT PLANT

MONTHLY OPERATIONAL REPORT

JULY 2014

SAFETY MEETING / ACTIVITIES:

THE JOINT PLANT'S FIRE SAFETY PROGRAM WAS REVIEWED. INFORMATION WAS PRESENTED RELATING TO THE PROPER USE OF FIRE EXTINGUISHERS AND FIRE SAFETY GUIDELINES WERE ALSO REVIEWED. A WRITTEN COMPREHENSION TEST WAS ADMINISTERED TO ALL EMPLOYEES IN ATTENDANCE.

PRIMARY MAINTENANCE:

A SCHEDULED OIL AND FILTER CHANGE WAS COMPLETED ON RAW WASTEWATER PUMP GAS ENGINE #2.

THE CHAIN GUIDE RAIL FOR GRIT COLLECTOR #2 WAS FOUND IN NEED OF REPAIR. THE COLLECTOR WAS REMOVED FROM SERVICE AND THE RAIL WAS BUILT UP TO THE DESIRED WIDTH AND THICKNESS USING 1/8-INCH THICK, 2-INCH WIDE FLAT STOCK FROM SPARE INVENTORY. THE COLLECTOR WAS RETURNED TO SERVICE.

RAW SLUDGE PUMPS #1 AND #2 WERE REPORTED TO NOT BE PUMPING. THE PUMPS WERE REMOVED FROM SERVICE TO CHECK FOR OBSTRUCTIONS IN THE VOLUTES. THE PUMPS WERE ISOLATED AND FLUSHED WITH WATER. UPON INSPECTION, IT WAS DISCOVERED THAT BOTH PUMPS HAD RAGS LODGED IN THE VOLUTES. THE RAGS WERE REMOVED AND THE PUMPS WERE RETURNED TO SERVICE.

A SHEAR PIN FOR THE CROSS FLIGHT COLLECTOR ON PRIMARY TANK #1 BROKE DURING NORMAL OPERATION. MAINTENANCE PERSONNEL INSTALLED A NEW SHEAR PIN, TEST RAN THE COLLECTOR AND RETURNED THE UNIT TO SERVICE.

THE BENTON HARBOR, SAINT JOSEPH AND LAKESHORE AUTHORITY RIVER CROSSING VALVES WERE CLEANED, LUBRICATED AND EXERCISED. THE PLANT INFLUENT VALVE WAS ALSO EXERCISED.

THE PRIMARY EFFLUENT SAMPLER WAS FOUND CLOGGED AND NOT PROPERLY SAMPLING. THE UNIT WAS DISASSEMBLED, CLEANED AND RETURNED TO SERVICE.

THE PRIMARY TANK INFLUENT CHANNEL WAS CLEANED OUT BY REMOVING ALL EXCESS FLOATABLES THAT HAD ACCUMULATED IN THE CHANNEL. THE DEBRIS WAS REMOVED AND DISCARDED IN THE GRIT BOXES AND HAULED TO LANDFILL.

A SCHEDULED OPERATION OF THE CITY WATER VALVES LOCATED AT THE WATER METER IN THE DIGESTER BASEMENT WAS PERFORMED. THE VALVES WERE CLOSED AND OPENED AND RETURNED TO SERVICE.

MICHIANA FIRE AND SAFETY PERFORMED THE ANNUAL PLANT-WIDE FIRE EXTINGUISHER INSPECTION. ALL FIRE EXTINGUISHERS WERE INSPECTED AND TAGGED.

WATER WAS OBSERVED LEAKING FROM POLYMER FEED PUMP #1. UPON INSPECTION, IT WAS DETERMINED THAT THE BEARINGS AND SEALS ON THE PUMP HAD FAILED AND NEEDED REPLACED. THE FEEDER WAS REPAIRED BY INSTALLING NEW BEARINGS AND SEALS AND PLACED BACK INTO SERVICE.

SECONDARY MAINTENANCE:

RETURN ACTIVATED SLUDGE PUMP #1 WAS FOUND TO BE MAKING ABNORMAL NOISES. THE PUMP WAS REMOVED FROM SERVICE AND UPON INSPECTION, IT WAS DETERMINED THAT THE IMPELLER AND SUCTION WEAR RINGS WERE IN NEED OF REPLACEMENT. THE SHAFT SLEEVE WAS FOUND TO BE IN SERVICEABLE CONDITION. NEW WEAR RINGS WERE INSTALLED AND THE PUMP WAS RETURNED TO SERVICE.

THE SCUM EJECTOR PUMP SERVING FINAL TANKS #3 AND #4 WAS REPORTED TO NOT BE PUMPING. THE PUMP WAS REMOVED FROM SERVICE TO CHECK FOR OBSTRUCTIONS. THE CHAMBER AND FLOATS WERE HOSED AND FLUSHED AND THE EJECTOR PUMP WAS RETURNED TO SERVICE.

THE FOLLOWING SUMP PUMPS WERE REMOVED FROM SERVICE FOR A SCHEDULED INSPECTION AND SUMP PIT CLEANING: SUMP PUMPS #7, #8, #9, #10, #11, #12, #13 AND #14. ALL PUMPS WERE FOUND TO BE IN SERVICEABLE CONDITION AND RETURNED TO SERVICE EXCEPT FOR SUMP PUMP #13 WHICH REQUIRES A NEW INTRINSIC RELAY AND FLOAT. THE PARTS ARE BEING ORDERED.

THE INFLUENT CHANNELS FEEDING FINAL TANKS #1 & #2 WERE PUMPED OUT, HOSED CLEAN AND RETURNED TO READY-FOR-SERVICE STATUS.

THE STERLING ELECTRIC DRIVE UNIT CONTROLLING THE TOP COLLECTOR FOR SLUDGE THICKENER #2 WAS FOUND NOT RUNNING. THE DRIVE UNIT WAS INSPECTED AND THE BELT WAS FOUND BROKEN. A NEW BELT WAS PURCHASED AND INSTALLED AND THE COLLECTOR WAS RETURNED TO SERVICE.

THE MOTOR STARTER PUSH BUTTON FOR RETURN ACTIVATED SLUDGE PUMP #3 GAS ENGINE FAILED DURING AN ENGINE START-UP. THE PUSH BUTTON WAS REMOVED, REPLACED WITH A NEW PUSH-BUTTON AND TESTED. THE ENGINE WAS RETURNED TO STAND BY SERVICE.

THICKENED SLUDGE PUMP #1 WAS FOUND NOT PUMPING. UPON INSPECTION, IT WAS FOUND THAT THE PUMP WAS CLOGGED. THE PUMP WAS CLEANED AND RETURNED TO SERVICE.

AS PART OF REGULARLY SCHEDULED MAINTENANCE, THE PROTECTIVE INSECT SCREENS LOCATED ON THE LOUVERS FOR THE AIR INTAKE TO ELECTRIC BLOWERS LOCATED ON THE SOUTH WALL OF THE BLOWER BUILDING WERE CLEANED.

ELECTRICAL MAINTENANCE:

MEAD & WHITE ELECTRIC INSTALLED A VOLTAGE REGULATOR ON RAW WASTEWATER PUMP GAS ENGINE #1 TO CONTROL THE AMPERAGE AND/OR VOLTAGE BEING SENT TO THE ENGINE CONTROL PANEL. THIS MEASURE WAS TAKEN TO PREVENT OVER-VOLTAGE AND/OR OVER-AMPERAGE FROM DAMAGING THE ENGINE'S SAFETY DEVICES.

A SCHEDULED MOTOR BRUSH INSPECTION WAS PERFORMED ON ELECTRIC BLOWERS #1, #2, #3 AND RAW WASTEWATER PUMP #3. THE BRUSHES FOR BLOWERS #1 AND RAW WASTEWATER PUMP #3 WERE FOUND IN SERVICEABLE CONDITION. THE BRUSHES FOR BLOWERS #2 AND #3 WERE IN NEED OF REPLACEMENT. NEW BRUSHES WERE INSTALLED AND THE EQUIPMENT WAS RETURNED TO SERVICE.

A PUMP RESET BUTTON WAS INSTALLED ON THE ELECTRICAL CONTROL PANEL FOR RETURN ACTIVATED SLUDGE PUMP #2 SO THAT THE MOTOR COULD BE RESET BY PLANT PERSONNEL.

Monthly Maintenance Notes

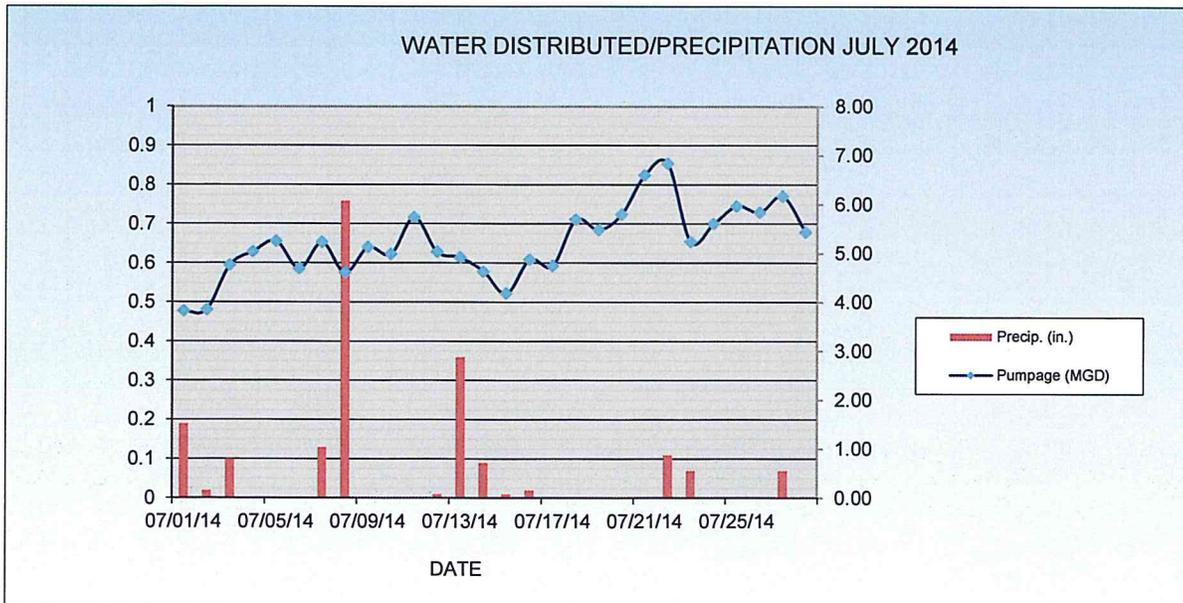
JULY 2014

Normal PM Maint. done Monthly	Check all High Service and Low Service Pumps, BPS pumps, Service BPS Chlorinators, Change out air filters on VFD Drives and Air Handlers. Mow and Grounds Maintenance at Plant, Booster Stations and Towers
07/02/14	Installed New Solenoid and piping for sample line on filters 9 & 11
07/09/14	Kone Elevator - PM inspection of Maintenance Elevator
07/14/14	Installed new ventilation fan and motor in high service pump room
07/18/14	Installed new motor on roof top vent fan for # 4 VFD
07/21/14	Cleaned Turbidimeter supply lines for filters 1-4
07/21/14	Repaired leak on Fluoride supply line, installed new nipple and coupling for delivery connection
7/21 to 7/22/14	Hach - Calibration and service on TOC Machine and all Filter Turbidimeters per service contract
7/21 to 7/22/14	Cox Painting - Painted
07/25/14	Hach - Calibration and service on Particle counters, Also Installed new head on filter # 1 Turbidimeter
07/29/14	Guse Hahn - Installed New over head door in Chlorine Storage Room
07/29/14	Installed New Battery in Hilltop BPS Generator
07/31/14	Rebuilt center blow off valve for clarifier # 2

**ST JOSEPH WATER PLANT PUMPAGE-WATER DELIVERED/RAINFALL
JULY 2014**

DATE	PUMPAGE (gallons)	PUMPAGE (MGD)	RAINFALL (in)	Day to Day Comparison 2014/2013	
				2014	2013
07/01/14	3,820,178	3.82	0.19	3,820,178	5,520,227
07/02/14	3,847,329	3.85	0.02	3,847,329	4,749,545
07/03/14	4,758,185	4.76	0.1	4,758,185	5,766,328
07/04/14	5,038,312	5.04	0	5,038,312	4,675,903
07/05/14	5,251,297	5.25	0	5,251,297	5,373,352
07/06/14	4,691,920	4.69	0	4,691,920	5,335,614
07/07/14	5,227,491	5.23	0.13	5,227,491	4,593,491
07/08/14	4,609,143	4.61	0.76	4,609,143	5,222,467
07/09/14	5,125,120	5.13	0	5,125,120	4,229,465
07/10/14	4,982,404	4.98	0	4,982,404	5,126,280
07/11/14	5,733,453	5.73	0	5,733,453	5,538,925
07/12/14	5,029,614	5.03	0.01	5,029,614	5,524,140
07/13/14	4,913,113	4.91	0.36	4,913,113	6,270,419
07/14/14	4,629,323	4.63	0.09	4,629,323	7,009,003
07/15/14	4,177,707	4.18	0.01	4,177,707	7,194,946
07/16/14	4,869,456	4.87	0.02	4,869,456	6,200,203
07/17/14	4,744,237	4.74	0	4,744,237	8,296,153
07/18/14	5,685,106	5.69	0	5,685,106	8,415,067
07/19/14	5,476,347	5.48	0	5,476,347	8,153,263
07/20/14	5,794,067	5.79	0	5,794,067	9,103,735
07/21/14	6,590,781	6.59	0	6,590,781	8,492,875
07/22/14	6,837,467	6.84	0.11	6,837,467	8,832,138
07/23/14	5,238,021	5.24	0.07	5,238,021	8,548,404
07/24/14	5,600,312	5.60	0	5,600,312	8,156,737
07/25/14	5,961,421	5.96	0	5,961,421	7,890,317
07/26/14	5,838,362	5.84	0	5,838,362	8,098,232
07/27/14	6,165,420	6.17	0.07	6,165,420	6,569,358
07/28/14	5,438,934	5.44	0	5,438,934	6,407,043
07/29/14	5,285,083	5.29	0	5,285,083	6,847,070
07/30/14	6,087,856	6.09	0	6,087,856	7,435,918
07/31/14	5,056,675	5.06	0	5,056,675	6,008,118
TOTAL	162,504,136	162.50	1.94	162,504,136	205,584,737

Average Day	5,242,069
Maximum Day	6,837,467
Minimum Day	3,820,178



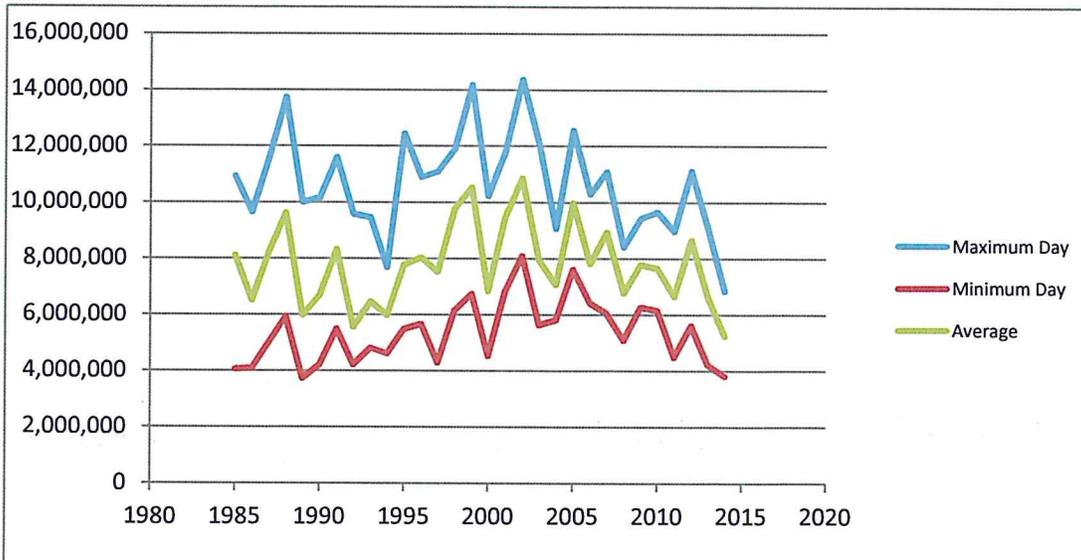
City of St. Joseph

Water Delivered July 2014

Year	Average	Maximum Day	Minimum Day	Monthly Total
1985	8,118,358	10,939,300	4,061,300	251,669,100
1986	6,511,548	9,647,200	4,093,700	201,858,000
1987	8,224,284	11,572,500	5,010,300	254,952,800
1988	9,620,248	13,737,100	5,929,400	298,227,700
1989	5,980,219	9,999,600	3,730,800	185,386,800
1990	6,689,352	10,154,500	4,221,100	207,369,900
1991	8,321,697	11,597,100	5,494,600	257,972,600
1992	5,557,800	9,576,200	4,215,800	172,291,800
1993	6,470,832	9,449,600	4,821,100	200,595,800
1994	5,978,371	7,683,600	4,608,400	185,329,500
1995	7,776,994	12,455,700	5,483,800	241,086,800
1996	8,032,152	10,895,700	5,675,000	248,996,700
1997	7,521,474	11,098,600	4,295,500	233,165,700
1998	9,769,487	11,894,800	6,166,850	302,854,100
1999	10,527,027	14,182,550	6,753,150	326,337,850
2000	6,836,392	10,222,400	4,538,500	211,928,150
2001	9,464,765	11,781,300	6,835,250	293,407,700
2002	10,861,105	14,369,900	8,104,000	336,694,250
2003	7,944,660	12,081,270	5,645,120	246,284,450
2004	7,070,745	9,064,000	5,811,500	219,193,080
2005	9,984,444	12,561,030	7,625,810	309,517,750
2006	7,817,399	10,287,500	6,416,500	242,339,370
2007	8,949,160	11,088,240	6,060,000	277,423,970
2008	6,773,159	8,410,730	5,088,510	209,967,920
2009	7,775,545	9,418,490	6,271,750	251,041,900
2010	7,648,984	9,661,039	6,148,012	237,118,518
2011	6,648,500	8,965,640	4,490,325	206,103,485
2012	8,654,039	11,115,883	5,632,433	268,275,220
2013	6,631,766	9,103,735	4,229,465	205,584,737
2014	5,242,069	6,837,467	3,820,178	162,504,136

Monthly Total Ranking-July 1985-2014

Rank	Year	Monthly Total
1	2002	336,694,250
2	1999	326,337,850
3	2005	309,517,750
4	1998	302,854,100
5	1988	298,227,700
6	2001	293,407,700
7	2007	277,423,970
8	2012	268,275,220
9	1991	257,972,600
10	1987	254,952,800
11	1985	251,669,100
12	2009	251,041,900
13	1996	248,996,700
14	2003	246,284,450
15	2006	242,339,370
16	1995	241,086,800
17	2010	237,118,518
18	1997	233,165,700
19	2004	219,193,080
20	2000	211,928,150
21	2008	209,967,920
22	1990	207,369,900
23	2011	206,103,485
24	2013	205,584,737
25	1986	201,858,000
26	1993	200,595,800
27	1989	185,386,800
28	1994	185,329,500
29	1992	172,291,800
30	2014	162,504,136



DISTRIBUTION REPORT

For the Month of July 2014

Activity	Number	Description
Water Main Breaks	1	
MISS DIGS	475	
Delinquent Shut Off	21	
Delinquent Shut Off (Broken Payment Plans)	6	(Fairplain SJCTE)
Hydrants (Repaired/Replaced)	0	
Valves	1	Crestview & Anthony-Repaired operating nut
Taps (1")	5	1210 Forrest Brook Dr (LCT) New house, New Development
		500 Golden Bear Court (SJ) New house, New Development
		590 E. Glenlord Rd. (RCT) Bad well
		361 Ridgway (SJ) New house
		1504 Greg Drive (LCT) Bad well
Service Work	1	2612 Thayer Dr (SJ) Leaking lead service
Water Service Repairs		
Repair of Curb box/Shut-Off Valves	4	(Fairplain SJCTE) Wrong style box
Water Quality Complaint(s)	0	
Hydrant Flushing to maintain water quality	0	
Staff Education/Training	0	
Overtime-Total	79	(inc. San and Storm)
Turn Off		(Note: This number does not include delinquent Shut off)
Turn On		
Finals		
Meter Repair		
Meter Repair/Replacement		Verify Read
Per detail		New Installation
Meter leaking		New Installation-Benton Harbor
Stopped Meter		Replaced/various reasons
Faulty Register		Rockwell Replacement
Frozen Meter		Mxu Replaced
Move Meter Inside		Sprinkler meter removed/line capped
Hard to read		Removals
Replace/Adding Sprinkler Meter		Curb box location
Damage to Trt		Broken Remote
New Plumbing		Noisy Meter
New siding		Upgrade 5/8" to 3/4"
Meter sent out for testing		Meter Change/Benton Harbor

CITY OF ST. JOSEPH WATER MAIN BREAK REPORT

For the Month/Year of: July 2014

#	Date	Location	Main Size	Gallons Lost	Break Type	Valves Turned	City Twp	Labor	Remarks
1	7/9/2014	3646 Crestview	8"	6,000	crack corp	3	SJCT		Water tap cracked at corporation stop
2									Valve repair necessary (see page 1)
3									
4									
5									
6									
		Total Gallons Lost		6,000					

STAGE 2 D/DBPR MONITORING-HALOACETIC ACIDS

JULY 2014

WSSN 3726

Date	10/10/13	10/10/13
Site	Lincoln Twp Hall	Dane
Dibromoacetic acid	1.1	<1
Dichloroacetic acid	20	6.8
Monobromoacetic acid	<1	<1
Monochloroacetic acid	<2	<2
Trichloroacetic acid	17	19
<i>Total HAA5</i>	<i>38.1</i>	<i>25.8</i>

Date	01/15/14	01/15/14
Site	Lincoln Twp Hall	Dane
Dibromoacetic acid	1.1	1
Dichloroacetic acid	9.6	12
Monobromoacetic acid	<1	<1
Monochloroacetic acid	<2	<2
Trichloroacetic acid	12	17
<i>Total HAA5</i>	<i>22.7</i>	<i>30.0</i>

Date	04/10/14	04/10/14
Site	Lincoln Twp Hall	Dane
Dibromoacetic acid	<1	<1
Dichloroacetic acid	25	22
Monobromoacetic acid	<1	<1
Monochloroacetic acid	5	5.1
Trichloroacetic acid	42	31
<i>Total HAA5</i>	<i>72</i>	<i>58.1</i>

Date	07/09/14	07/09/14
Site	Lincoln Twp Hall	Dane
Dibromoacetic acid	1.2	<1
Dichloroacetic acid	15	10
Monobromoacetic acid	<1	<1
Monochloroacetic acid	<2	<2
Trichloroacetic acid	9.6	12
<i>Total HAA5</i>	<i>25.8</i>	<i>22.0</i>

RAA	39.7	34.0 ppb
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2014

JULY

MONTHLY CLIMATOLOGICAL SUMMARY

St. Joseph Water Plant - 1701 Lions Park Drive - St. Joseph, MI

NAME: sjwwweather

DAY	MEAN TEMP	NORM MEAN TEMP	HIGH TEMP	TIME	NORM HIGH TEMP	REC HIGH TEMP	YEAR	LOW TEMP	TIME	NORM LOW TEMP	REC LOW TEMP	YEAR	HEAT DEG DAYS	COOL DEG DAYS	RAIN	AVG WIND SPEED	HIGH	TIME	DOM DIR	
1	72.1	71	76.1	2:00p	82	95	1963	68.7	3:00a	59	39	1982	0	7.4	0.19	14.1	33	7:00a	WSW	
2	66.3	71	73.1	2:00a	82	96	1974	61	12:00m	60	40	1988	0	2	0.02	12.8	32	2:00a	W	
3	63.4	71	67.4	7:00p	82	95	1974	59.1	4:00a	60	39	1988	1.8	0	0.1	10	31	6:00a	NW	
4	68	71	71	4:00p	82	96	1990	64	4:00a	60	43	1996	0	2.5	0	4.5	15	4:00p	N	
5	69.5	71	74	6:00p	82	95	1990	63	7:00a	60	43	1996	0	3.5	0	3.8	13	7:00a	SW	
6	73.4	72	80.9	6:00p	82	97	1991	67.6	8:00a	60	43	1972	0	9.3	0	8.1	26	11:00p	SSW	
7	73.1	72	76.6	1:00a	82	95	1980	69.8	3:00a	60	43	1983	0	8.2	0.13	8.8	51	3:00a	SW	
8	72.5	72	75.6	5:00a	82	95	1980	69.4	8:00a	60	39	1984	0	7.5	0.76	8.8	25	10:00a	W	
9	68.4	72	71.1	1:00a	82	95	1988	65.4	10:00a	60	49	1963	0	3.3	0	6	17	4:00a	N	
10	67.8	72	71	7:00p	82	95	1976	63.4	7:00a	60	45	1962	0	2.2	0	4.6	13	10:00a	N	
11	69.9	72	73.4	2:00p	82	93	1984	64.5	5:00a	60	41	1996	0	4	0	2.8	12	2:00p	ESE	
12	73.8	72	77.1	12:00m	82	95	1987	70.8	6:00a	60	48	1975	0	9	0.01	4.3	26	12:00m	S	
13	72.6	72	77.8	8:00p	82	99	1995	69.1	8:00a	60	48	1990	0	8.5	0.36	7.6	46	1:00a	WSW	
14	70.8	72	73.8	5:00p	82	100	1995	67	12:00m	61	46	1950	0	5.4	0.09	4.8	27	12:00m	N	
15	64.2	72	67.1	1:00a	82	99	1995	61.3	10:00a	61	47	1960	0.8	0	0.01	15.8	32	11:00a	NW	
16	63.2	72	65.2	6:00p	82	99	1988	61.1	8:00a	61	46	1987	1.9	0	0.02	8.9	26	7:00a	N	
17	66.1	72	70.8	6:00p	82	95	1986	59.7	6:00a	61	45	1985	0	0.3	0	3.5	14	10:00a	N	
18	69.2	72	74	8:00p	82	93	1986	62.7	6:00a	61	48	1979	0	3.4	0	2.7	11	6:00p	N	
19	69.8	72	72.9	6:00p	82	95	1991	65.4	6:00a	61	47	1979	0	4.2	0	3.3	12	2:00p	N	
20	71.7	72	75.6	7:00p	82	96	1980	67.8	6:00a	61	46	1951	0	6.7	0	2.3	9	6:00p	ESE	
21	74.4	72	78.3	7:00p	82	95	1983	69.4	6:00a	61	44	1970	0	8.9	0	2.5	9	12:00p	SE	
22	77.6	72	85.3	5:00p	82	96	1983	71.9	7:00a	61	47	1970	0	13.6	0.11	6.9	32	12:00m	SSW	
23	66.6	72	76.4	1:00a	82	96	1983	62.6	9:00p	60	44	1985	0	4.5	0.07	14.1	34	6:00a	NNE	
24	63.1	72	65.9	5:00p	82	94	1965	59.5	11:00a	60	42	1957	2.3	0	0	3.5	12	1:00p	NNE	
25	65.4	72	70.1	3:00p	82	92	1964	59.4	5:00a	60	50	1990	0.3	0	0	3.5	13	5:00p	SW	
26	69.3	72	73.2	8:00p	82	92	1966	65.3	6:00a	60	49	1961	0	4.3	0	2.9	11	12:00p	SE	
27	70.8	72	75.2	2:00p	82	91	1949	64.7	12:00m	60	45	1991	0	4.9	0.07	11	39	5:00p	SW	
28	60.3	72	65.1	1:00a	82	99	1983	57.7	1:00p	60	51	1992	3.6	0	0	15.9	37	1:00a	N	
29	63.8	72	67.6	11:00p	82	100	1983	58.2	3:00a	60	46	1968	2.1	0	0	5	26	12:00m	WSW	
30	65.8	72	67.5	2:00p	82	104	1999	64.8	6:00a	60	47	1984	0	1.2	0	4.7	16	1:00a	NW	
31	69.5	72	75.9	7:00p	82	100	1999	63.6	3:00a	60	46	1993	0	4.8	0	5.3	18	9:00a	S	
AVE													0.4	4.2	0.1	6.9	23.2		N	
MAX	77.6	72	85.3			104		71.9		61	51		3.6	13.6	0.76	15.9	51.0			
MIN	60.3	71	65.1					57.7		59	39		0	0	0	2.3	9			
TOTAL															1.94					

Max Rain: 0.76 ON 07/08/14
 Days of Rain: 11 (>0.1 in) 5 (>1 in) 0 (>1 in)



SOUTHWEST MICHIGAN PLANNING COMMISSION

376 W Main Street, Suite 130, Benton Harbor, MI 49022-3651

Phone: 269-925-1137 • Website: www.swmpe.org

Twin Cities Area Transportation Study Policy Committee Meeting

10:30 A.M.

Monday, August 18, 2014

Southwest Michigan Regional Airport, Terminal

Web Access: Login=DLINK Media

Password=Skyway1961

- | | |
|-------------|--|
| Action Item | <ol style="list-style-type: none"> 1. Call to Order and Changes to the Agenda 2. Minutes of the July 21, 2014 Policy Committee Meeting 3. Public Comment - NONE 4. Staff Report <ul style="list-style-type: none"> ▪ MTPA Updates - LOCAL SAFETY INITIATIVE ▪ Other Items - COPY OF FLYER TO TIM + DEREK 5. Public Transit <ul style="list-style-type: none"> ▪ Transit Consolidation Study Updates - AT COUNTY COMMISSION FOR DISCUSSION ▪ Mobility Management ▪ TCATA Updates 6. Committee Reports <ul style="list-style-type: none"> ▪ Walk and Roll ▪ Regional Inclusive Community Coalition (RICC) } NONE 7. Community Land Use and Zoning Updates 8. Project Updates (Bid amounts, Obligation and Letting Dates) → STATE IS OUT OF OBLIGATION AUTHORITY FOR REMAINDER OF FY. 9. Old Business - POLICY <ul style="list-style-type: none"> ▪ Officer Nominating Committee Report ▪ Mobility Challenge Report Back 10. New Business <ul style="list-style-type: none"> ▪ Resolutions of Support Reminder ▪ September Presentation on Transportation Funding by House Fiscal Agency Rep. ▪ Legislative Updates <ul style="list-style-type: none"> ○ Federal ○ State 11. Privilege of the Floor 12. Adjournment <ul style="list-style-type: none"> • Next meeting is September 15 at 9:00 AM OR September 25 2014 at 10:00 AM at Berrien RESA? <div style="margin-left: 20px;"> <p>THURSDAY</p> </div> |
|-------------|--|

Action Item

NEXT MEETING FOR COUNTY WIDE MILLAGE + SYSTEM.

CANCELLED

THURSDAY

TWIN CITIES AREA TRANSPORTATION STUDY

Policy Committee

Minutes

July 21, 2014

10:30 A.M.

Southwest Michigan Regional Airport

<p>POLICY MEMBERS PRESENT:</p>	<p>Tim Fenderbosch, St. Joseph Charter Township Carolyn Fowler, Benton Charter Township William Hodge, Berrien County Planning Commission Erin Jolivette, MDOT Coloma TSC Deb Kavanaugh, Hagar Township John Lanum, MDOT Statewide Planning Richard Lewis, City of St. Joseph Debra Panozzo, Berrien County Board of Commissioners Bill Purvis, TCATA Lee Scherwitz, SW Michigan Regional Airport Dick Stauffer, Lincoln Charter Township Kris Welch, MDOT-Statewide Planning</p>
<p>POLICY MEMBERS ABSENT:</p>	<p>Aaron Anthony, City of Bridgman Mickey Bennett, Sodus Township Bill Brown, Northwest Indiana Regional Planning Commission (ex officio) Andrea Dewey, Federal Highway Administration (ex officio) John Egelhaaf, SWMPC John Gast, Lake Charter Township Ron Griffin, St. Joseph Charter Township John Gruchot/Catherine Montoya, Berrien County Planning Department Donald Schlipp, Village of Stevensville Darrell Harden, MDOT Southwest Region Nora Jefferson, Benton Charter Township Joanne Johnson, Disability Network Southwest Michigan Jason Latham, MDOT Regional Planning Paul Lott, MDOT Statewide Planning Tim Lynch, Berrien County Road Commission Stewart McKenzie, Federal Transit Administration (ex officio) John Olson, Village of Shoreham Roger Seely, St. Joseph Charter Township Brad Sharlow, MDOT (ex officio) Terrie Smith, Lincoln Charter Township Jim Soteriou, Royalton Township Darwin Watson, City of Benton Harbor Representative, Cornerstone Alliance</p>
<p>SWMPC STAFF PRESENT:</p>	<p>Kim Gallagher Gautam Mani</p>
<p>OTHERS PRESENT:</p>	<p>Matt Kodis, Kinexus</p>

1. CALL TO ORDER:

Scherwitz called the meeting to order at 10:30 a.m. and led the group in introductions.

2. MINUTES:

- A motion was made by Fenderbosch with support by Stauffer to approve the minutes of the June 16 Policy meeting. **Motion passed.**

3. PUBLIC COMMENT:

Kodis announced that he was leaving Kinexus in the next two weeks, and that this would be his last TwinCATS meeting. Kodis is taking a position as product planner for Whirlpool, and would be remaining in the area. He said that he would be advising Gallagher and Mani of possible replacements. Committee members thanked him for his contributions to the committees.

4. STAFF REPORT

▪ MTPA Update- Conference in August

Mani stated that MTPA had a short meeting in June and no meeting in July, and that therefore there was no information to share with committee members from MTPA. The annual conference will be in Port Huron August 5-8. Mani and Gallagher will both be attending and will bring back relevant information. Any committee members who are interested in attending can go to <http://www.mtpa-mi.org> to register.

▪ MACOG Livable Communities Update

Mani said that he had attended the Michiana Area Council of Governments' annual Livable Communities Workshop, and that the topic was strategies for economic development. Mani said that two Ball State professors had found in their research that communities that spend more on infrastructure, schools, and public health do better in terms of job creation than those communities that rely on business incentives such as tax breaks. Copies of the white paper by the two professors were available at the meeting, and also online at <http://projects.cberdata.org/reports/EconDevtPolicy2013.pdf>.

▪ Transit Consolidation Study Update

Gallagher said that she had given two additional presentations regarding the transit consolidation study: one at NATS, and one to the SWMPC board. Gallagher noted that one question she had received consistently was whether a countywide millage would be enough without the new countywide authority. Gallagher pointed out that service boundaries tied to federal funds would still create a disconnected system, even with the new millage. With a countywide authority, it would be possible to dissolve those service boundaries and have connected service throughout Berrien County. Gallagher said that she would be presenting to the county commissioners on Thursday, and that she would be willing to come present to local boards upon request. Gallagher said that she would require 10-15 minutes minimum to give an effective presentation to a local board or other agency.

▪ Commuter Bike Program

Gallagher said that she had met with MDOT Passenger Division, and that Sharon Edgar, the director of the division, had prioritized provision of the "last mile of service," to get people from transit stops to employment and education services. Individuals in the PATH program through Michigan Works have to be at locations at very specific times. Gallagher said there was an opportunity to partner with Cycle Re-Cycle, a local non-profit that assists individuals in need with obtaining a bicycle and learning the skills to maintain it. Another ongoing step is TCATA's continued installation of bike racks on buses, which assists individuals with getting the last mile home. Gallagher said there was a major opportunity to help

with the prisoner re-entry program. Other communities have done a “creative commuter program,” and have used FTA funding to provide this last mile of service.

Kodis asked whether this idea might evolve into a bikeshare program as seen in Washington DC or Portland, Oregon. Gallagher said that was possible, but a credit-card based deposit system for renting a bike might pose challenges for some residents. Still, it remains a possibility for the region.

5. COMMITTEE REPORTS

▪ **Walk and Roll**

None.

▪ **Regional Inclusive Community Coalition (RICC)**

None.

▪ **Mobility Management/Transit Consolidation Update**

Panozzo said that she was working with 211, the non-emergency assistance line, to improve the listing of bus services in Berrien County. The service is run by United Way of Southwest Michigan. Currently, searching the database is extremely confusing, and leads people to private bus services as well as business listings. The work is ongoing to change the taxonomy on the website.

▪ **Twin Cities Area Transportation Authority (TCATA) Operations Update**

Purvis said that TCATA had obtained \$200,000 in additional JARC funding from the state that was previously cut. Gallagher and Purvis presented TCATA ridership data for FY 2014 in comparison to past years. Purvis walked committee members through interpreting the ridership tables. Ridership is down from FY 2013 because TCATA lost days due to snow. However, Purvis noted that ridership on fixed routes has been rising again during the summer months.

6. LAND USE AND ZONING UPDATES

Lewis said that the CVS proposal in the City of St. Joseph would seek PUD status, which would possibly lead to an extension of Napier Avenue. If the proposal is not granted, then there would be no reason to designate a PUD. The City Commission is meeting again on Monday to discuss the proposal.

7. PROJECT UPDATES

Fiscal Year	Job Number	Agency	Project Name	Update Information	Date of last update	Cost Changes	Projected Letting and obligation date
2012							
	113585	MDOT	I-94 Red Arrow Highway to Livingston Rd	2016 construction; value engineering meetings held	May 2014		

	103293	MDOT	I-94 at Nickerson Ave in Benton Township (roadside facility)	Scheduled for October letting; returned to region for funding to move forward; no change; March 2013 Moving Forward for January 2013 letting July 2013: On hold	July 2013		
		Twin Cities Area Transportation Authority	New expanded hours	July 2012: Continued through 2013 (2014 funding seems less certain); September 2012: Continued Service; 11/2012 after 2013 the state will match buses but nothing else; December 2012- already been awarded; November 2013: not funded	November 2013		
		Twin Cities Area Transportation Authority	New line haul route	July 2012: Continued through 2013 (2014 funding seems less certain); ; 11/2012 after 2013 the state will match buses but nothing else July 2013: JARC funding cut in half, project will proceed.	July 2013		
		Twin Cities	Transit vehicle	July 2014:	July 2014		

		Area Transportation Authority	replacement (3 total)	Buses on the way, with propane conversions			
2013	89085	Benton Harbor	Klock Rd (from North Shore to Paw Paw)-	July 2014: Project unlikely to go through--- Harbor Shores still in lawsuit	July 2014		
	112091	Berrien County	Hollywood Road	July 2014: Under Construction	July 2014		
	115751	MDOT	I-94 WB (from I-196 for 0.4 miles to start of 2008 concrete pavement)	2 course HMA over scratch course on existing concrete-PE phase, no change	December 2012		
	113585	MDOT	I-94 WB (On I-94 from Red Arrow Highway for 3.0 miles to Livingston Road)	Mill existing and place 2 HMA overlay-ROW phase; no change	December 2012		
	110779	MDOT	I-94 EW and WB over Hickory Creek	January 2014: Construction in July 2014.	January 2014		
		TCATA	Replacement 3 buses CMAQ project	2013 applications are due to the state in December; July 2013: Waiting for contract approval	July 2013		
		TCATA	Expanded hours-JARC grant				
		TCATA	Mobility manager grant	11/2012 Purvis stated that this will be available for 2013 but not sure if funding will be there for 2012; SWMPC handling this	December 2012		
		TCATA	New line haul to Stevensville	Project is continuing; hoping to get	January 2013		

				state funds in 2014			
		TCATA	Bus operations	Not submit yet			
	116924	SWMPC	Berrien County-Rideshare	In progress			
2014	112087	Benton Harbor	Broadway Avenue/Colfax Avenue Resurfacing	July 2014: August letting	July 2014		
	121011	Benton Harbor	Pipestone at Empire Traffic Signal Upgrade	July 2014: No contract yet	July 2014		
		Berrien County	Date Road Bridge Replacement	July 2014: Under construction	July 2014		
	121002	Berrien County	Roosevelt Road Non-Motorized Extension	July 2014: \$43,000 overbid, contract awarded	July 2014		
		Berrien County	Brown School Road Resurfacing	July 2014: July Construction	July 2014		
		Village of Shoreham	Brown School Road Resurfacing	July 2014: GI package approved	July 2014		

Other Updates

Jolivette announced that MDOT's Priority Roads Investment Program (PRIP) projects had been selected. This was another pot of statewide funds, for which projects were selected by the legislature without consultation with locals. A PRIP project that is within the MPO is a resurfacing of M-63 between M-139 and I-94.

Jolivette also said that the I-94 joint repair project using state funds came in with a high bid, but was let this month and will be proceeding as scheduled.

8. OLD BUSINESS:

None.

9. NEW BUSINESS

▪ TIP Amendments

None.

▪ Revised Bylaws

Mani said that TAC had approved new the changes from the previous month's draft of the new bylaws were semantic issues and typographic errors. Mani reminded committee members of the major changes from the previous set of TAC bylaws:

- Kinexus and Disability Network having voting membership
- A cancellation and rescheduling policy
- A clear conflicts of interest policy

-A clear application process for adding new members to the MPO.

Mani said that he was now seeking nominees to be on the bylaw review committee for Policy. Stauffer and Lewis volunteered.

▪ **Resolution of Support 2015 Reminder**

Mani said that for any projects scheduled for FY 2015 that need local match dollars, a resolution of support from the local governing board or council would be required by October 1, 2014. The resolution only needs to specify that the local government is committed to providing the local match for the project in FY 2015. Mani said that he would be happy to send a template of the resolution, and post it to the web as well.

▪ **Mobility Challenge 2014**

Gallagher said that at the June TwinCATS meeting, Joanne Johnson had presented an opportunity for committee members to imagine what daily life in Southwest Michigan is like for someone who is unable to afford a car or cannot drive. SWMPC staff devised an exercise where each committee member will receive a different scenario and attempt to plan rides as requested by the individuals in the scenario. Gallagher supplied each committee member with resources that might help them figure out the rides. Gallagher requested that committee members treat this as a "Secret Shopper" exercise, and actually test out how well dispatching services and the My Way There website work. Mani said that the committee would look for report back from participating members at next month's meeting.

▪ **Officer Nominations**

Scherwitz said that since he would be retiring in 2015, it was time to elect new officers.

Mani noted that the chair could be as active as they wanted, and he encouraged any potential chairs to feel free to approach staff with agenda items and emerging issues for which the TwinCATS committees needed to pass a resolution.

Panozzo volunteered to be on a nominating committee for new officers. The committees will vote on a new chair and vice chair at the August meeting.

▪ **Legislative Updates-Federal and State**

- **Federal** – Lanum said that the House voted to approve an \$11 billion extension to the highway trust fund, which would keep the trust fund solvent until May 2015. The Senate still needs to pass the extension.

Kodis said that Congress had recently passed a re-authorization of the Workforce Innovation and Opportunity Act, which helps fund Kinexus. There were no significant changes for Kinexus' funding outlined in the bill, and the President is expected to sign it.

- **State** – Lanum said that it is possible the state might pass a revenue package during the lame duck session beginning in November, but that it is unlikely.

Purvis said that TCATA was expecting to lose about 6% of its state funding, which amounts to about \$100,000 that it uses to match federal-aid projects. This reduction has arisen because of a formula that rewards transit systems that spend more, and systems on the east side are getting more in the way of local millage funds.

Lanum shared that MDOT was re-aligning its regions to better coordinate with the Regional Prosperity initiative. The Southwest Region for MDOT will now be seven counties: Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph, and Van Buren. Allegan County and Barry County would be swallowed into the MDOT Grand Region. The Coloma TSC and SWMPC's boundaries would remain unaffected for transportation purposes.

10. PRIVILEGE OF THE FLOOR:

Mani alerted committee members to the fact that this September would be the 30th Anniversary of the Pere Marquette Amtrak route, and that a commemorative ceremony would be taking place when the train pulls into the station on September 15. All TwinCATS committee members were invited to attend, and Mani said that staff would be looking for a possible venue near the train station to hold a joint TwinCATS TAC and Policy Committee meeting.

11. ADJOURNMENT at 11:28 AM

- Next meeting is August 18, 2014 at 10:30 AM

Compiled by: Gautam Mani, Transportation Planner, 2014

What is the Local Safety Initiative?

The Michigan Department of Transportation's (MDOT) Local Safety Initiative (LSI) is a free service to help local agencies identify safety issues and improve local road safety. Analysis is offered on a first-come, first-served basis.

Once a local agency is enrolled, MDOT will:

- Perform a complete crash analysis of your local road system using RoadSoft software, as well as other data review tools.
- Compile a list of intersections and roadway segments of concern based on this analysis.
- Perform a field visit with a local agency representative.
- Perform an engineering study or other types of analysis, as needed.
- Identify and suggest potential improvements and countermeasures, many of which will be low-cost.
- Identify safety improvement projects that may be eligible for funding through **Local Agency Programs**.
- Perform follow-up reviews and before-and-after analysis.

To enroll your local agency, contact Tracie Leix at 517-373-8950 or leixt@michigan.gov.





The Future of State and Local Economic Development Policy

Dick Heupel, MA, CEcD *Director of Community and Economic Development, Building Better Communities*
Michael J. Hicks, PhD *Director, Center for Business and Economic Research*

BACKGROUND

When most Americans think of state and local efforts in economic development, they envision a fairly narrow set of efforts to lure jobs to a region. They will describe officials offering prospective businesses years of state tax incentives, new infrastructure construction, state subsidized job training, government financed buildings and local tax abatements to relocate a business. Whether they are comfortable with it or not, this is what most people think of when they speak of economic development.

The hope is that these efforts will bring ‘footloose jobs’ to a region, which in turn will increase incomes and improve the area. We have participated in these activities at different levels in four different states and feel they have an important role in improving the economic outcomes of a region. However, for reasons we will explain in this white paper, they cannot successfully be the primary focus of efforts to improve the lives and livelihoods of citizens.

It is increasingly clear that this model of economic development only really worked well in the American South in the decades after the invention of air-conditioning. Research findings as well as common sense suggest that these policies have limited effectiveness. Let us explain with two simple points.

First, a large and growing body of technical research on traditional economic

development policies suggests that heavy usage of tax abatements and incentives have little or no effect. Indeed an emerging body of research suggests these incentives are symptomatic of deeper problems within communities or underlying tax structures in places that use them. But we contend that this is reasonably obvious, and does not require a vast review of economic research to understand. The worst places to do business, such as Illinois or California offer tremendous business incentives. In contrast, the fastest growing communities in America, such as Fairfax County, Va., engage in little or no business attraction efforts and offer few fiscal inducements. Indeed, Indiana is remarkable for the paucity of state incentives, and the most successful communities in Indiana (e.g. those in Hamilton County) offer few special inducements to new businesses. These are simply great places to live and do business.

Second, even if these policies mattered at the margin for some businesses, they cannot ensure prosperity in a region. We offer Indiana as an example. In 2010, the Indiana Economic Development Corporation

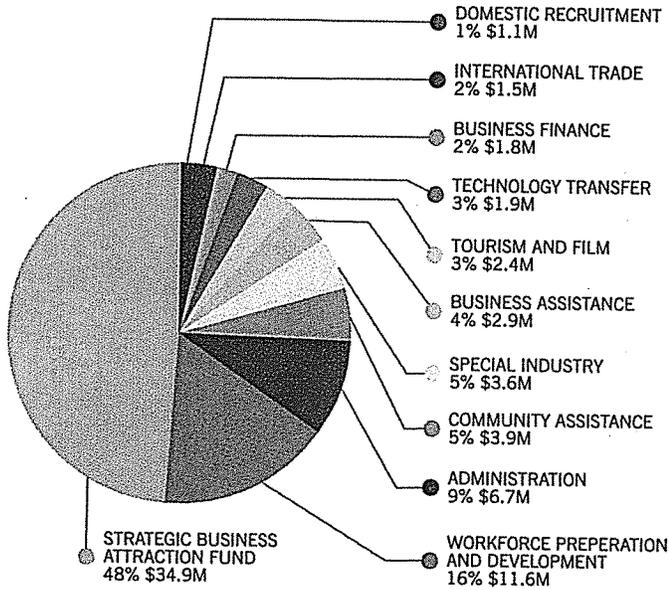


reported its best year. It detailed 23,017 jobs created through its efforts. These are gross new jobs lured to the state that year. However, the Census and Bureau of Labor Statistics also collect data on gross job flows in each quarter. In 2010, it reported that 514,412 new jobs were created in the state. So, in its best year, Indiana’s economic development arm has played a role in no more than 1 out of every 22 new jobs created in the state.⁽¹⁾

According to data collected by the Council for Community and Economic Research, the state of Indiana spent more than \$72 million on activities related to business attraction in fiscal year 2010, returning a very reasonable \$3,100 per job. Indiana spent only 5.3 percent of this money on community assistance, while the national

1. We do not yet have data for 2012.

FIGURE 1: TOTAL STATE EXPENDITURES FOR INDIANA BY FUNCTIONAL ECONOMIC DEVELOPMENT PROGRAM AREA, FISCAL YEAR 2010



Source: The Council for Community and Economic Research, State Economic Development Expenditures Database 2010, <http://www.c2er.org/products/stateexpenditures.asp>.

average is 35.1 percent of economic development funding allocated to community assistance. No doubt this is partly due to the lean nature of Indiana's economic development spending, but Indiana's position in quality of place rankings suggest deeper consideration on a focus toward improving communities. See *Figure 1*.

This white paper is not a critique of the IEDC or state economic development groups in general. We do not seek to alter state job attraction efforts in Indiana, only supplement them. Indeed, Indiana's last four secretaries of commerce have consistently spoken publicly in support of the message we here offer. Rather, the goal of this white paper is to address the policies and programs that help create 95.5 percent of new jobs that traditional economic developers have no hand in attracting.

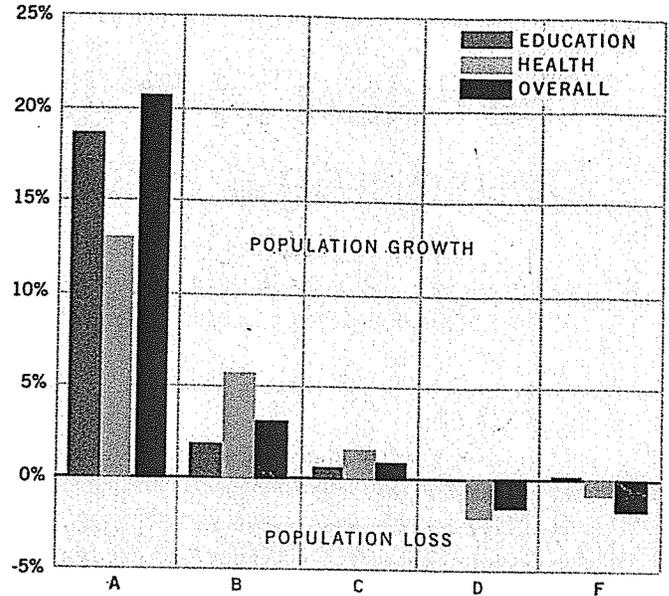
COMMUNITIES: THE NEW BUSINESS ATTRACTOR

Increasingly the role of livable, attractive and well-run communities has come to the attention of researchers and policy makers. This is not really new, just better

understood in more successful cities. In fact, at about the same time the American South started to lure business investment through the methods mentioned above, dozens of cities, in the South and elsewhere, adopted a more holistic approach to economic development. They simply worked to become great places to live.

Part of the economic renaissance of several American towns was accidental. Savannah, Ga., worked on urban renewal with little expressed interest in long-term economic growth. It has grown remarkably, not because of its commerce or seaport, but because people want to live there. Maryville, Tenn., attracted a large corporate headquarters because it made its small downtown a pleasant place to be, with a walking trail adjacent to a clean, but tiny creek. It is prospering well. Other places, such as Columbus, Ga., or Fayetteville, N.C., prospered because people whose jobs took them to the region enjoyed the community improvements enough to draw them there in retirement. Other places become a regional draw for large cities. Virginia's Loudon County, Ohio's Montgomery County and Indiana's

FIGURE 2: INDIANA COUNTY POPULATION CHANGE BY COMMUNITY ASSET GRADES FOR HUMAN CAPITAL (EDUCATION AND HEALTH), 2000-2009



Source: Ball State University Center for Business and Economic Research, Community Asset Inventory and Rankings 2012, <http://asset.cberdata.org>.

Hamilton County simply became the best places to live for new residents in large metropolitan areas. Other places worked hard to be places people simply wish to live, examples include Asheville, N.C., and Columbus, Ind.

We recently published a ranking of counties in Indiana that begins to outline quality of place measures. While no single measure is perfect, we offer a simple graph of the county-level overall rankings, and population growth within Indiana's counties. This figure speaks loudly to the connection between broad measures of community attributes and the economic outcomes associated with them. This study convincingly showed that 'nice' places grow while unattractive places do not. See *Figure 2*.

In Indiana, there is a growing number of well-led communities that fully and effectively understand this message. Kokomo, Westfield, Charlestown, Batesville, Portland, and Fort Wayne are well on their way to being the next set of success stories in economic development.



The Bottom Line

We believe that the greatest effort in economic development, characterized as those that engage workers, wisdom, and wealth in the crafting and execution of development efforts, should be dedicated toward making communities better places to live. We believe the most important people to consider when crafting economic development efforts are not the site selectors—brokers who will not invest their own wealth in the purchase of a home or send their children to the public schools in the districts where they facilitate investments. No, the most important people to consider are the men, women and children who choose to live in a particular community of their own free will. These non-traditional VIPs, like footloose industries, are free to select a location from among many communities within a region. And the highest-value prospective residents do so based on the best overall return on investment: stated broadly to include public school performance, prospective housing price appreciation, safety, and amenities—livability. The most valued residents, like the most valued businesses, are not those who base their location decisions on the lowest-priced option.

SIDEBAR A: OPINIONS ON LOCATION DECISIONS

"Keep your tax incentives and highway interchanges, we will go where the highly-skilled people are. They will go where they want to live."

— *Carley Fiorina, CEO, Hewlett-Packard*

"In the knowledge-driven, computer-networked economy of the future, what matters most is being a place where people want to live—a place with great public schools, clean air and water, wonderful recreational opportunities. Low crime rates, and a common bond of community pride and unity. These places, the places where people want to live, will also be the places where companies want to locate."

— *Gary Locke, former governor, State of Washington, U.S. Secretary of Commerce*

"While surely both phenomena occur, we think that the evidence supports the view that industries are responding to the area's skill distribution more than the view that the skill distribution is responding to the area's industries mix."

— *Edward Glaeser, economist, Harvard University*

"Factors that tend to drive emerging-industry human-resource evaluations include the number of engineers and technicians within the labor shed, the presence of colleges and universities with matching technical programs, the overall educational level of the local work force, and the presence of other higher technology companies and similar industries in the area."

— *Phil Schneider and Raj Vahra, Deloitte Consulting*

MAKING COMMUNITIES ATTRACTIVE

Too many communities ignore factors that contribute to their quality of place because the community does not have mountains, rivers, or large sporting venues. This approach misses the central issue of economic development efforts: the goal is not to reach an end state, but to foster a rate of change. Four hundred years from now, residents of Indiana will still be concerned with issues of economic development. What matters today is not how "good" we are or are not, but rather how fast are we improving.

Americans live in many places, with many different climactic and geographic conditions, differing levels of urbanism, and a wide variety of entertainment options. However, only a few factors matter deeply to new residents.

Schools

The quality of local K-12 education is the number one attractor or deterrent for new residents. Communities with below average schools must expect to see reduced populations, lower personal incomes and declining fortunes in the decades to come. Communities with schools that are not in the top quartile should expect economic stasis over the coming decades. Indeed, local K-12 (and increasingly pre-K instruction) is so critical to economic growth that

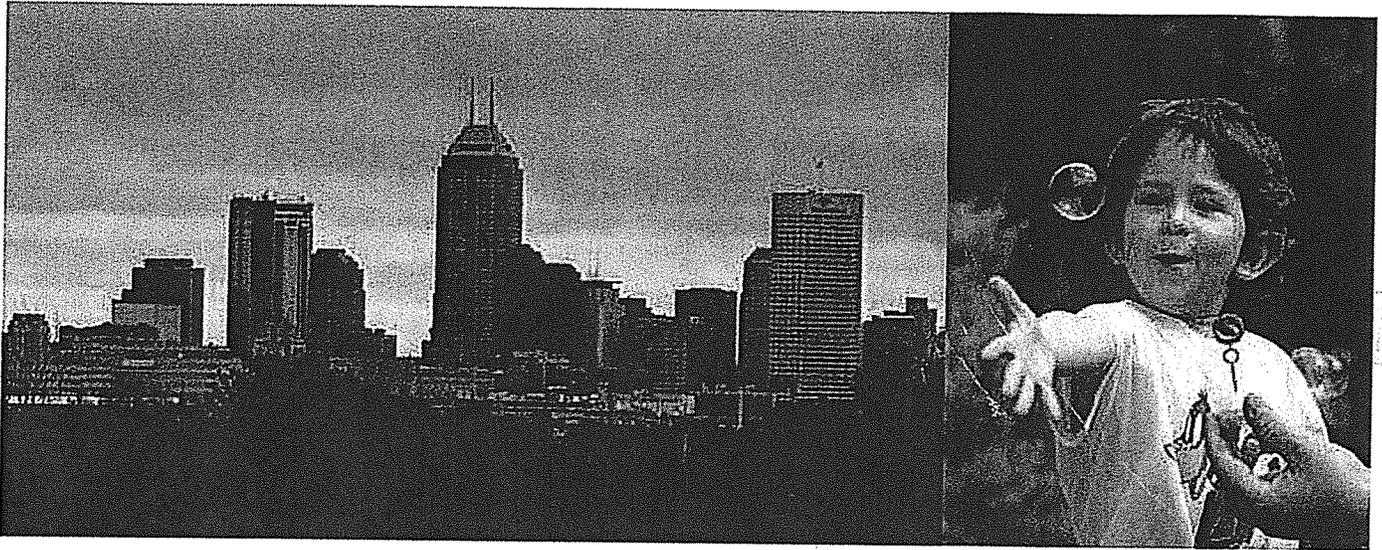
radical efforts are warranted. In the absence of high-performing schools, we recommend city and county chambers of commerce and private groups pursue charter school and private school options.

Quality of Place

The livability of communities is a close second only to schools in driving residential investment, growing wealth and boosting the economic prospects of a region. Americans live and work in a variety of climates, with a variety of local amenities. Public policy can little affect the natural distribution of climates, but it can improve upon them. More importantly, communities can make themselves safe, habitable, easily navigated, possessed of attractive signage and local transportation infrastructure. There is an abundant and easily accessible set of research and planning literature on quality of place attributes. While some simple aspects are common, each community must craft for itself an improved community if it intends to draw more residents and their incomes in this century.

Responsive Government

A common mistake among traditional economic development advocates is that low tax rates enjoy a primacy of place-based economic development. While businesses and residents prefer low taxes, all else being equal, all else is never equal.



Communities with both low and high local tax rates grow rapidly throughout the United States for the simple reason that individual households and businesses like and seek different mixes of local public goods and services. The technical term for this is Tiebout Sorting, but most Americans know it as 'voting with your feet.' Some of the best communities we have mentioned in this white paper have very high local tax rates, while many failing communities have low rates. What matters is not a rate alone, but whether the quality of public services matches the tax rate. Where public services are equal to or better than the cost of providing them (as judged by citizens), growth will occur. In places where the tax rate exceeds the value of local services, they will decline. This requires responsive local government, unfettered by national agendas, and focused on economic prosperity within a county or municipality. Some places can survive with poor local government, but it requires an astonishingly effective set of amenities to do so.

Health Care and Healthy Options

Among the key features of a livable community are access to health care options and locations that promote a healthy lifestyle. These go beyond little league fields and gymnasiums, to the presence of bikeways, trails and park lands, and access to these amenities.

Healthy communities also share a variety of good outcomes. They are correlated with higher incomes, lower employment costs, and higher levels of educational attainment. While the directional effect is uncertain, a clear indicator of prosperity in a region is the measures of the health of its residents.

Regionalism of Economic Development Efforts

Business attraction and retention efforts are difficult. They require a great deal of data collection and dissemination tools, and a professional staff that is able to negotiate with site selection consultants who are compensated at many times the rate of local economic development officials. Traditional economic development efforts also require significant local knowledge coupled with the capacity to interface quickly and smoothly with a variety of state and regional players, from large real estate holding firms to transportation departments and local elected officials. Success in these endeavors also requires specialized knowledge in industries likely to relocate to a region, in workforce development, in bond financing, and in tax incentive structure of the state and local area. Few communities with less than a half a million residents will possess the resources to do these things well. More importantly, businesses are typically unconcerned with the particulars of county borders or municipalities. More bluntly, few new business

care where they go within a region, unless a specific city or town suffers a very poor or very good reputation. These factors argue for increased regionalism of economic development efforts. While obtaining funding for regional efforts may be more difficult than obtaining funding for local economic development activities, we argue that it is more important, especially for communities that are successful at preparing themselves for new residents.

A CALL TO ACTION

The wake of the great recession will continue to place great burdens on state and local elected officials to whom many residents will look for leadership on matters that effect economic prosperity in their communities. While many in the Midwest are already following the advice we offer in this white paper, most are not. The next two to three decades will largely determine which areas of the American Midwest will recover and which areas will devolve into sparsely populated farming communities, devoid of manufacturing and other commerce, and inhabited by citizens receiving an ever-increasing share of their income through public assistance.

For communities dissatisfied with their economic prospects, it is necessary to deploy resources and governmental focus toward improving the quality of public services in schools and communities. This will necessarily lessen the dependence upon

traditional local economic development efforts. Communities that do not make themselves attractive to the families of prospective employees will not find themselves benefitting from the re-deployment of private investment that continues to occur across the nation. Communities with poor schools, and unattractive, poorly designed and unwelcoming neighborhoods will, with increasing speed, see their economic fortunes decline.

The next two to three decades will largely determine which areas of the American Midwest will recover and which areas will devolve into sparsely populated farming communities, devoid of manufacturing and other commerce, and inhabited by citizens receiving an ever-increasing share of their income through public assistance.

ABOUT THE AUTHORS

Dick Heupel is director of community and economic development at Ball State University. He has three decades of experience in community and economic development at local, regional and state-level organizations in Indiana and Ohio. He directed rural and urban, regional and local non-profit, foundation, and private sector economic development initiatives. He served as president of the Indiana Economic Development Association and the Mid-America Economic Development Council and numerous boards and advisory commissions of the state, development agencies, and universities.

Mike Hicks is director of the Center for Business and Economic Research at Ball State University. He has worked with site selectors, private developers and state and local economic developers, and has written books on tax incentives and local government consolidation and testified on tax incentives in several state legislatures. Under his leadership, the Center for Business and Economic Research has developed a suite of data tools to assist policymakers in understanding their communities' economies and to aid in their decision-making thereabout.

BALL STATE UNIVERSITY CENTER FOR BUSINESS AND ECONOMIC RESEARCH



About the Center for Business and Economic Research

Ball State University's Center for Business and Economic Research conducts timely economic policy research, analysis, and forecasting for a public audience. CBER research includes public finance, regional economics, manufacturing, transportation, and energy sector studies. We produce the CBER Data Center, a site featuring a suite of data tools, and the Indiana Business Bulletin, a weekly newsletter with commentary and dozens of regularly updated economic indicators.

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