

**WUCX University Center, Michigan**

**Quarterly Issues/Program List**

**October – December 2019**

**The Environment Report with Jeff Kart -**

**Air Date/Time: 10-4-19 9:30am**

Fall Color Map; Climate Change Views; National Solar Tour

**Morning Edition -**

**Topic: Saginaw City Council Meeting: “Boy Scouts”**

**Air Date/Time: 10-7-19 6:19am**

Scouts and Masters of local troops 345 of Shields, 355 of Saginaw, and, gathered to satisfy the requirements of a newly designed communications merit badge.

The badge, developed by Assistant Scoutmaster Mark Faupel of Troop 304, had one of the requirements of the badge to be visitation of a local government or city council meeting. This new badge comes in part from an expansion of resources coming about within local troops, having more and more merit badge courses taught by just Troop Leaders, Scout Masters and even Assistant Scout Masters, such as Mr. Faupel himself, who signed up to lead this particular course, in early February.

“When I saw the October slot was open, I said, will do it in October. One of the requirements for the communications merit badge is to visit a council or government meeting, and so I put the option out, for anyone that wanted it, or needed it, to come out tonight, and we were able to get 7 members of Troop 345, and 2 from 366, that came out and joined us”

The Boy scouts, not only observed the meeting last evening, but were asked by city council members for their assistants with the opening prayer and pledge of allegiance.

## **Morning Edition -**

### **Topic: Environmental Education Panel, “State of the Bay”**

**Air Date/Time: 10-7-19 6:48am**

The Great Lakes Bay spotlighted two featured speakers, discussing the environmental education programs that are in development and already being offered in our local bay region. The first speaker, was Nate Phipps, program manager of the Dow Innovation Teacher Fellowship Program or DIFT. The DIFT is a joint community project in partnership with Dow Chemical, The University of Michigan, and Delta College. The DIFT’S mission is to offer pace based secondary school education, working directly with curriculum and instructional design, evaluation work, as well as community research and development. Attempting to reach, what Phipps called “a six county catch bin”, including, Midland, Bay, Arenac, Isabella, Gratiot, and Saginaw Counties, all which have submitted pilot program applications.

“ We spent about the first six months of our time, on this project doing what we call, discovery, learning from folks in the region, learning from folks who do this all the time, every day, this is a project within our center, its not the only thing we do, but we knew we needed to sort of, map the space, and make sure we weren't reinventing things, and there’s plenty of this work happening .”

The 3 year pilot program, provides support for secondary teachers in designing and implementing project-based and place-based learning approaches for student’s in their local community. Trying as Phipps says, to provide local students the direct avenue hopefully to “make a choice and have a voice”.

“Pace based education takes that a step further, and situates it in place, and in place can mean a lot of different things, it could be your school, it could be your football field and why it floods, every, you know, every time it rains or it can be even your local watershed, which could be, a couple miles away. It situates it in place, and emphasizes interpretation in a school-community environment, regardless of where it is.”

“Project and pace based work is very complex, if you’ve ever been a teacher, its a difficult sort of as a baseline, to sort of do all the things your responsible for, to prepare kids and to provide a good engaging experiences, adding sort of these more innovative pedagogy, can really be difficult.”

“Most of us went through a style of education that was more stand a deliver, didactic, more of what traditional schooling has looked like for a long time, so there not much familiarity or comfort in those types of teachings.”

The Second speaker, Betsy Diegal, is head coordinator of Saginaw Valley State Universities Mobile Stem Research Lab. With local and grant funding from Dow Chemical and the NOAA foundation, the mobile research lab has been able to provide STEM education opportunities to hundreds of K-12 students all across the great lakes bay region. Providing groups with background information on the impact of STEM lab testing in their communities and watershed where they are situated.

“Because their school or experience is located on a local water source, students may bring their own water samples to us, that we test for phermidity, and nitrate ph testing, phosphate, temperature all that, when we sometimes travel to the site, or will bring, from SVSU, our own samples, from the ponds and reservoirs we have access too. ”

Diegal also said the mobile lab has partnered with many of the Bay region K-12 education programs, as well as providing this mobile service to local summer programs, the YMCA, Chippewa Nature Center, The Boys and Girls Club, Bay City State Park, Girl Scouts and many more, stating herself that when it comes to providing environmental education, ‘the sky's the limit’.

### **Q-90.1's Backyard Astronomer -**

**Air Date/Time: 10/7/19 7:48am**

The Lunar Seas

### **Morning Edition -**

**Topic: Saginaw Walkability**

**Air Date/Time: 10-8-19 7:19am**

Strides are being made to improve walkability in downtown Saginaw. During Monday night's city council meeting, City Manager Tim Morales discussed what steps are being taken to make downtown Saginaw safer and more appealing to walk through. The area being considered is Tuscola Way, which runs through downtown near the Dow Event Center. The plans include paving with concrete, adding lights to brighten up the area, as well as cameras to make walking that way safer. These changes are made with the aim of making businesses and other points of interest downtown such as the Delta College Saginaw Center more accessible.

“The idea is to connect the river front to the other businesses and developments on franklin and beyond. We already have delta college center there. We have the state office building. We obviously have the Dow Event Center.”

Future plans for increasing walkability include newer cameras and improvements to the river walk. The city hopes this project is a step in the right direction to make Saginaw a safer and more beautiful place for pedestrians.

## **Morning Edition -**

### **Topic: State of the Bay Report Card**

**Air Date/Time: 10-14-19 7:19am**

The State of the Bay Conference 2019, took place September 26<sup>th</sup>

This conference takes place every two years discussing the topics and updates of these watersheds.

Multiple researchers from across the country visited Bay City covering the conservation of the Saginaw Bay.

One highly-attended breakout sessions of the day was the State of the Bay report card, focusing on watershed issues and management.

The focus of the break out session was the process of creating a comprehensive report card for the Saginaw Bay Region watershed rather than delivering a report card itself.

According to Dave Karpovich of the SVSU Saginaw bay environmental institute, with meetings and tests still taking place. The report card is in a state of flux.

(Where are we with the report card, we need to continue the technical meetings, the focus technical meetings, and they might get more focused.)

Toxicologist, Shannon Briggs, with the Michigan Department of environment, great lakes and energy says, if they were to grade, the Saginaw bay, it would be receiving an A plus, due to waters being regularly monitored.

(That's where you guys get the A plus, is that every place you can get into the water on Saginaw bay, with your families, they're testing it for you, that's awesome.)

The water monitoring process, involves multiple organizations, testing waters for variety of contaminants.

Coordinating all the assembly of the data, is one challenge of creating a report card in addition to providing the general public with readily understandable conclusions.

Fecal contamination is one issue which the public can easily recognize as a detriment to water quality, according to Dave Karpovich.

(Swimming in any source of fecal matter is a bad idea, we don't want to swim in poop, everyone agrees with that, no matter where it comes from seagulls or people.)

But, Karpovich explained, other types of contamination are harder to understand.

(Phosphorus levels in the water, I've never not gone swimming because of phosphorous levels, people don't care, what matters is what the phosphorous may cause, harmful algal and muck.) In 2018, of 46 monitored beaches, in the Saginaw bay region 34 were always open, 12 had reported exceedances resulting in water safety advisory or closure.

## **Q-90.1's Backyard Astronomer -**

**Air Date/Time: 10/14/19 7:48am**

Great Square of Pegasus

## **Morning Edition -**

**Topic: SBSCA Volunteers Build Bobsled**

**Air Date/Time: 10-15-19 7:19am**

A team of boat builders who typically spend their winters creating wooden-hulled vessels in a shop on the bank of the Saginaw River have spent hundreds of hours over the past two months on an entirely different kind of craft.

The volunteers have been working alongside staff of Gougeon Brothers to build a prototype bobsled for the U-S Olympic team.

Joe Parker says he's been able to stay fairly hands-off, allowing his team to work alongside Gougeon's but there have been times where he has had to don a dust suit and mask, rather than allowing the SBSCA boat builders learn from their mistakes.

The Gougeon Brothers were iceboat builders who worked with the Grandson of Dow Chemical's founder to develop epoxy formulations that set the company on the coating edge of boat building. Their West System epoxies have been used in projects ranging from furniture to space travel. Jeff Wright is the company's vice president of technical services.

"What was satisfying for me is to take people who build beautiful wooden craft using modern materials to take a transition to a carbon fiber Kevlar foam core infused pretty much state of the art composite material and how quickly they came into that" - Wright

David Day is one of the volunteers helping with the bobsled project. He's taking strips of a black snakeskin like material and attaching it to the bulkhead.

"Right now I am wrapping a bulkhead, which gives strength to the front of the bobsled. Most of us work on boats right, so we don't get a chance to work with Kevlar weave.

Nearby, a piece of the prototype sled has been signed by Day and his fellow volunteers.

Richard Laubenstein is the Crew Chief Director of Technology for the U-S Bobsled and Skeleton team. He says the key to a winning bobsled is minimizing any force that reduces speed.

The building process involves a certain level of secrecy to prevent the prototype design falling into the hands of any competitors.

Partnerships between the Olympic team and U-S organizations aren't uncommon. But what makes the bobsled project unique is a team of volunteers from the Saginaw Bay Community Sailing Association boat building program.

**The Environment Report with Jeff Kart -**

**Air Date/Time: 10-18-19 9:30am**

Fall Colors; Kirtland Warbler

**Here & Now -**

**Topic: Bay City Medical Marijuana Application**

**Air Date/Time: 10-21-19 7:19am**

Two items on the agenda this evening for the Bay City commission are the subject of some controversy.

The commission was split 4-3 at their last meeting on a vote to approve a provisional medical marijuana facilities license to a Rochester Hills based company seeking to operate a provisioning center at 201 Center Avenue in downtown Bay City.

Although there were more votes in favor of approval, the city charter requires five favorable votes for a business to be approved

The 201 Center provisioning center application is back on the agenda for tonight's meeting along with another application to open medical marijuana provisioning centers at 228 Washington Avenue and 225 Adams.

The approval process for a medical marijuana facility in Bay City includes a \$5,000 application fee along with a \$5,000 yearly renewal.

The Bay City Commission meets at 730 at Bay City Hall.

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 10/21/19 7:48am**

Orionid Meteor Shower

**Here & Now -**

**Topic: Saginaw Eagle Scouts**

**Air Date/Time: 10-25-19 12:18pm**

The Saginaw City Council presented certificates of recognition to two boy scouts at their regular meeting this week. Q90.1s Grant Schluckebier has more.

Samuel Cole, and Darrick Donald, Jr. worked many hours to achieve the rank of Eagle Scout.

Dedicating their time to improve their community and set themselves up for a bright future.

Donald, Jr. says the most rewarding take away from obtaining the rank of Eagle Scout is being recognized for all of his hard work, and officially earning the title after spending hours refurbishing the play room at the city rescue mission and helping the organization with fundraisers

“The people that is acknowledging the fact that you got rank, this rank and actually earned it”

Cole, spent his Eagle Scout project building raised gardens at the spectrum autism center and providing the center’s younger clients with a resource designed to work with the sensory sensitivity associated with autism

“I made them a sensory caterpillar, for the younger kids.”

In addition to recognizing the scouts the council approved a purchase of laptops for the election division and voted down a thirty thousand dollar budget increase for repairs at Anderson splash park

### **Q-90.1’s Backyard Astronomer -**

**Air Date/Time: 10/28/19 7:48am**

Cassiopeia the Queen

### **Here & Now -**

**Topic: Saginaw Basin Land Conservancy Open House**

**Air Date/Time: 11-1-19 7:19am**

The Saginaw Basin Land Conservancy had a steady stream of visitors at the organizations new office on Euclid in Bay City during an open house on Wednesday.

Bill Wright is a retired city planner who helped when the land conservancy was being set up. He says the new building is the brain for a system that has far-reaching benefits in the Great Lakes Bay Region and someday even further.

“There’s lots of opportunity all over this country for this to happen, but they started it right here.”

Ted Lind is the SBLC’s director of community conservation. He says the new location, with proximity to expressways and space to store the conservancy’s supplies, makes them an even more powerful force for good.

“We serve an area that ranges from Tawas to Port Austin and all those counties that border the bay so having a central location in our service area was important”

The SBLC is over two thirds of the way to their goal of restoring 1,500 vacant lots in Saginaw and the organization is developing plans to expand on their efforts in communities across the Saginaw basin.

### **Morning Edition -**

#### **Topic: Harlem 100 at the Midland Center for the Arts**

**Air Date/Time: 11-1-19 7:48am**

A team of musicians from across the globe are taking the stage Sunday night as Mwenso and the shakes bring Harlem 100 to the Midland Center for the Arts.

Harlem 100 is more than a concert, it's a multimedia variety show celebrating the 100<sup>th</sup> anniversary of the Harlem Renaissance presented by musicians from West Africa, South Africa, Jamaica and more.

Bandleader Michael Mwenso says you don't need to be an expert on history to enjoy the show.

If you know about the Harlem Renaissance you are coming because you are going to hear some original ways of how to present that music and if you don't know about the Harlem Renaissance you're going to learn a lot you didn't know.

Harlem 100 takes place at 4 pm on Sunday, November third at the Midland Center for the Arts.

### **The Environment Report with Jeff Kart -**

**Air Date/Time: 11-1-19 9:30am**

Renewable Energy; Leaf Cleanup

### **Q-90.1's Backyard Astronomer -**

**Air Date/Time: 11/4/19 7:48am**

Capella in Auriga

### **Here & Now -**

#### **Topic: Elections Bay City Charter**

**Air Date/Time: 11-4-19 12:19pm**

Voters will head to the polls for odd-year general elections across the Tri-cities tomorrow.

Millages, mayoral races, and commission seats will be decided throughout the Q90.1 listening area.

In Bay City, residents will also vote on approving a new city charter.

“It’s an important document. It governs how the city operates. It’s basically the constitution of Bay City”.

Kristen McDonald-Rivet, the president of the Bay City Charter Commission, was tasked by voters to draft the charter up for approval on November fifth.

The biggest potential change would be moving municipal elections to coincide with even-year state and federal elections. McDonald-Rivet says the new charter would also change transparency practices in the city.

“The other thing that it does is make the operation of city government more transparent. It allows for more documents to be put into the digital space so they can be accessed online.”

### **Morning Edition -**

**Topic: Microfilm Digitizer: Saginaw Clerk’s Office**

**Air Date/Time: 11-5-19 7:19am**

At last evening’s Saginaw City Council Meeting, members met and consented to the approval of the purchase of new US imaging equipment for the city clerk's office.

With a price tag of \$18,989 dollars, this equipment will be used by the clerk's office to digitize microfilm documents, making more accessible to citizens or city department’s officials, looking to view documents like old contracts or legal agreements. City Manager, Tim Morales, says a purchase like this has helped the city before,

‘We’ve gone through this process with our income tax department over a number of years and it’s proved to be very beneficial for the staff and make them far more efficient, and I believe this will do the same thing for those areas. ‘

This technology will not be accessible by the general public, but if requested, the clerk's office may be able to find a specific item of digitized microfilm, that a person may be looking for.

### **Here & Now -**

**Topic: Bay City Medical Marijuana Public Comment**

**Air Date/Time: 11-5-19 7:48am**

It’s no surprise that the Bay City commission did not vote to overturn a mayoral veto denying an application for a medical marijuana facility to open in the former Red Lion building on center avenue.

The application originally had a 4-3 majority in favor at the October 7<sup>th</sup> meeting but required a minimum of five votes to pass, with one commission seat open and one commissioner out of town, there was no fifth vote available, forcing the issue to the October 21<sup>st</sup> meeting

On October 21<sup>st</sup>, the application by the River Center was approved 5-3. However, news of the possible approval had prompted a surge in online activity with many residents speaking out against the facilities intended location.

Mayor Kathi Newsham vetoed the approval, effectively killing the application since six votes are required to overturn a mayoral veto – and the vacant seat of David Terassi can't vote to overturn.

Several members of the audience at the meeting applauded the vote against overturning the veto. Then, they left the meeting before it moved from unfinished business. One of the news agencies packed up their equipment and followed the crowd out.

The River Center's application required the approval of the Planning and Zoning, Building, Public Works, Electric, and Fire Departments as well as the City Clerks office. The company submitted site plans as well as a \$5,000 application fee.

City Staff and Commissioners invested hours into the processing the River Center's application as well as developing the ordinances which govern Medical Marijuana facilities.

At no point in the Oct 7, 21<sup>st</sup> or November 4<sup>th</sup> meetings, did a member of the audience use the public comment portion of the meeting to address the commission regarding the medical marijuana facility application.

City Manager Dana Muscott says the discrepancy between discussions, digital and otherwise, in the community and participation in local government isn't uncommon.

Commission John Davidson whose seat is up for reelection gave an impassioned farewell speech to the commission and remaining members of the audience, thanking the community for the opportunity to serve them over the past 12 years. After the meeting, he explained his view on the phenomenon of meeting-leavers.

Mayor Kathi Newsham noted that there are members of the community who frequently attend meetings and share their views, and that sometimes schedules might not allow for people to stay for the full meeting, which frequently runs under an hour long.

### **Q-90.1's Backyard Astronomer -**

**Air Date/Time: 11/11/19 7:48am**

Transit of Mercury

**Here & Now -**

**Topic: “That Wasn’t Supposed To Happen” premiere**

**Air Date/Time: 11-12-19 12:19pm**

This weekend Saginaw and Bay City will host the premiere of a feature length film produced in the tri-cities featuring local as well as Hollywood talents.

“That Wasn’t Supposed to Happen” was written by Isiah Barnes of Midland and directed by Tonia Carrier of Bay City. The comedy follows a group of friends at their high-school reunion and a series of unexpected complications which confound them at every turn.

Barnes says the screenings are an opportunity to highlight the achievement of the local people involved in the production.

“Just because we are from a small city doesn’t mean we don’t have big talent.”

“That Wasn’t Supposed to Happen” screenings will take place at 6 pm on Friday, November 15<sup>th</sup> at the Court Street Theater in Saginaw, at 7 pm on Saturday, November 16<sup>th</sup> at the State Theater in Bay City and will screen again at 6 pm on November 30<sup>th</sup> at the Prime Event Center in Bay City. Each of the screenings is preceded by a short presentation by the filmmakers and followed by an after party. More information is available at [facebook.com/twsth](https://facebook.com/twsth)

**Here & Now -**

**Topic: Bay County Brownfield Adoption**

**Air Date/Time: 11-13-19 12:19pm**

Bay County is taking a comprehensive approach to addressing EPA remediation requirements, expanding on the efforts of several of the communities it comprises.

The Bay County Board of Commissioners voted unanimously Tuesday in favor of establishing a county-wide Brownfield Redevelopment Authority.

Brownfield Redevelopment is a process where a government offers tax incentives in order to offset the cost of redeveloping a property which requires remediation in accordance with Environmental Protection Agency rules.

The Uptown Development in Bay City, which was formally an industrial site, is an example of a Brownfield Redevelopment Project.

County Executive Jim Barcia says the county Brownfield authority is meant to work with city Authorities.

“Ours will overlay and not interfere with those redevelopment zones”

The next steps in the process involve creating a brownfield redevelopment plan and presenting the plan to local municipalities for voluntary adoption.

**The Environment Report with Jeff Kart -**

**Air Date/Time: 11-15-19 9:30am**

Dow Settlement; Agricultural Conservation Awards

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 11/18/19 7:48am**

Venus Encounters Jupiter

**Morning Edition -**

**Topic: Dow Settlement Baysail**

**Air Date/Time: 11-19-19 7:19am**

A \$77 million settlement by Dow Chemical for an environmental complaint over ecosystem contamination would have wide ranging impact on the Great Lakes Bay Region, but first the settlement agreement will be subject to public comment and approval in federal court.

One organization which would receive a portion of the settlement money is Baysail in Bay City. Under the proposed agreement, Baysail would receive funding for a new docking facility and education center.

Despite conversations stretching back more than 10 years which put an existing facility project on hold, the announcement of the settlement came as a surprise to Baysail's Executive Director Shirley Roberts. and she says it's not clear how the project will work, or whether Baysail will have any control or input moving forward.

"The project to build on our own land was put on hold in lieu of this opportunity and we've been waiting ever since."

Public comment on the proposed settlement will take place at 7 p.m. on Thursday, November 21 at the Four Points by Sheraton Saginaw, 4960 Towne Centre Road in Saginaw.

**Here & Now -**

**Topic: Bay City Downtown Management Board**

**Air Date/Time: 11-21-19 12:19pm**

The Bay City Board of Commissioners approved Monday a new special assessment plan for the city's downtown management board.

The Bay City DMB is responsible for events like apps and ales, the wine walk, and Sundays in the city. The new assessment plan expands the general area where the DMB can levy a millage. It also changes the structure of the millage from 7 mills for businesses in the core area to six, and from two mills in the general area to three. The assessment plan will begin in 2020 and continue through 2024.

City Manager Dana Muscott says the new plan represents efforts to bring together occasionally dispirate districts

"I look at everything like we are one city. This is just encapsulating parts of Washington Street into a district so they can benefit from the collection of taxes. So it's only going to benefit them."

The wider general area is meant to encompass businesses which will benefit from events and upcoming projects like the relocation of the firehouse museum, construction of decorative gateways like those seen in downtown Flint, and improved holiday and non-holiday lighting.

**The Environment Report with Jeff Kart -**

**Air Date/Time: 11-22-19 9:30am**

Adopt a Beach Results; Saginaw Basin Land Conservancy

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 11/25/19 7:48am**

The Andromeda Galaxy

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 12/2/19 7:48am**

Seven Sisters

**Here & Now -**

**Topic: Bay City Commission Raise**

**Air Date/Time: 12-3-19 12:19pm**

Members of the Bay City commission voted yesterday against giving themselves the raise.

The raise was proposed by the Bay City compensation commission.

Freshman commissioner Kristen Rivet proposed a resolution during the informal portion of the meeting which would have sent the determination of salaries back to the compensation commission with a recommendation to lower the raise to match the percent increase which the cities union and non-union employees received.

In a move which City Manager Dana Muscott called good government at work the commission worked together to amend the resolution to a less complex outright rejection of the raises.

Rivet was pleased with the outcome and the assistance from the other commissioners.

“Everybody had a piece in it and ultimately everybody voted to turn the raise down and that is a great indication of how we’re going to work in the future.”

City employees will still receive raises ranging from one and half to two and a half percent.

**Here & Now -**

**Topic: Restoration of Lee Mansion**

**Air Date/Time: 12-3-19 12:19pm**

Restoration of the Lee Mansion in downtown Saginaw has been progressing over the last year

Volunteers have been working hard on restoring the historic Lee Mansion in downtown Saginaw. During Monday night’s city council meeting, representatives of the restoration effort spoke about the work that has been done as well as the end goal of the project.

Alex Mixter is the project manager.

“We’re trying to turn that into a public space. That includes a welcome center, and then a shop, and then just a rotating pop-up space, and also just a meeting space that you can just come in and hang out.”

Efforts are continuing through December, with plenty of opportunities for members of the public to participate and see the progress being made with events such as Light up the Lee on December 7<sup>th</sup> and an open house on December 19<sup>th</sup>. For more information, visit [leemansion.org](http://leemansion.org).

## **The Environment Report with Jeff Kart -**

**Air Date/Time: 12-6-19 9:30am**

High Lake Levels; Renewable Energy

## **Q-90.1's Backyard Astronomer -**

**Air Date/Time: 12/9/19 7:48am**

The Cold Moon

## **Here & Now -**

**Topic: Lee Mansion Feature**

**Air Date/Time: 12-11-19 12:19pm**

While it's far from a new building, the Charles Lee Mansion in Saginaw is serving as a model home for neighborhoods looking to revitalize through restoration.

Alex Mixer is one of the Lee Mansion's owners leading efforts to bring the building back from the brink of removal and demonstrate how the spirit of the City of Saginaw can be preserved by investing in rather than replacing architectural history.

On a tour of the building Mixer leads the way from an in-progress with exposed lathwork to an area which was once a dining and living room. The long space is significantly further along in the restoration process, with freshly-fixed walls.

The appeal of renovation goes beyond preserving the historical importance of a space.

The Mansion, once work is completed, will serve as more than an example of how issues like a rotting roof or failing floors can be overcome with less money than one might expect.

In contrast to ongoing developments in places like Detroit, the Lee Mansion Restoration project seeks to bring new life to Saginaw without contributing to gentrification.

Mixer says Saginaw and the Lee Mansion project are ideal for experimenting with innovative approaches to attracting money without forcing out existing residents. Sometimes that means focusing on a different kind of bottom line.

Matt Kehr, one of the volunteers helping to restore the Lee, grew up in Saginaw and currently lives in Bay City.

Kehr says to him, the project is about more than the past.

Mixer says he's been called everything from a building-hugger to outright crazy.

**The Environment Report with Jeff Kart -**

**Air Date/Time: 12-13-19 9:30am**

Land Auction; Reducing Holiday Waste

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 12/16/19 7:48am**

Fomalhaut

**Here & Now -**

**Topic: United Bridge Partners Bridge Deal**

**Air Date/Time: 12-17-19 12:19pm**

The Bay City Commission voted unanimously Monday night in favor of an Acquisition and Development agreement with United Bridge Partners for the Liberty and Independences Bridges, with two million dollars transferring to the city now and an additional three million following conveyance of the properties.

Public comments prior to the vote ranged from support from the local unions who will be involved in the rehabilitation and replacement projects to criticisms from residents and business owners upset at the prospect of the institution of tolls on the bridges.

Commissioner Jesse Dockett gave a heartfelt explanation of why there was no other viable option for the city to take.

“I have looked under every stone. Investigated every option from anyone who would give me the time of day over the past three years and I know my fellow commissioners have done the same. This is it. There is no other way.”

Once the bridge projects are complete, Bay City residents will have five years of toll-free crossing before the institution of an estimated 50 cent per cross fee for residents in 2028. A two-dollar crossing fee for non-residents is estimated to begin in 2024.

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 12/23/19 7:48am**

Birthday of the Sun

**Q-90.1's Backyard Astronomer -**

**Air Date/Time: 12/30/19 7:48am**

Quadrantid Meteor Shower