

**City of Swartz Creek
AGENDA**

**Regular Council Meeting, Monday, December 9, 2019, 7:00 P.M.
Paul D. Bueche Municipal Building, 8083 Civic Drive Swartz Creek, Michigan 48473**

1. **CALL TO ORDER**
2. **INVOCATION AND PLEDGE OF ALLEGIANCE:**
3. **ROLL CALL:**
4. **MOTION TO APPROVE MINUTES:**
4A. Council Meeting of November 25, 2019 MOTION Pg. 17
5. **APPROVE AGENDA:**
5A. Proposed / Amended Agenda MOTION Pg. 1
6. **REPORTS & COMMUNICATIONS:**
6A. City Manager's Report MOTION Pg. 3
6B. Staff Reports & Meeting Minutes Pg. 22
6C. Burn Permit Request Pg. 40
6D. Amended Engineer Agreement Pg. 43
6E. Amended PPU Agreement Pg. 45
6F. Sewer Capacity Analysis Pg. 49
6G. Raceway Legislation Media Coverage Pg. 77
7. **MEETING OPENED TO THE PUBLIC:**
7A. General Public Comments
8. **COUNCIL BUSINESS:**
8A. Burn Permit Request-7325 Bristol RESO Pg. 14
8B. Shared Service Agreement RESO Pg. 15
8C. PPU Agreement RESO Pg. 15
9. **MEETING OPENED TO THE PUBLIC:**
10. **REMARKS BY COUNCILMEMBERS:**
11. **ADJOURNMENT:** MOTION

Next Month Calendar

Downtown Development Authority:	Thursday, December 12, 2019, 6:00 p.m., PDBMB - CANCELLED
Fire Board:	Monday, December 16, 2019, 6:00 p.m., Public Safety Bldg
Zoning Board of Appeals:	Wednesday, December 18, 2019, 6:00 p.m., PDBMB
City Council:	Monday, December 23, 2019, 7:00 p.m., PDBMB
Metro Police Board:	Wednesday, December 18, 2019, 10:00 a.m., Metro Headquarters
Planning Commission:	Tuesday, January 7, 2020, 7:00 p.m., PDBMB
Park Board:	Wednesday, January 8, 2020, 5:30 p.m., PDBMB
City Council:	Monday, January 13, 2020, 7:00 p.m., PDBMB

City of Swartz Creek Mission Statement

The City shall provide a full range of public services in a professional and competent manner, assuring that the needs of our constituents are met in an effective and fiscally responsible manner, thus promoting a high standard of community life.

City of Swartz Creek Values

The City of Swartz Creek's Mission Statement is guided by a set of values which serve as a common operating basis for all City employees. These values provide a common understanding of responsibilities and expectations that enable the City to achieve its overall mission. The City's values are as follows:

Honesty, Integrity and Fairness

The City expects and values trust, openness, honesty and integrity in the words and actions of its employees. All employees, officials, and elected officials are expected to interact with each other openly and honestly and display ethical behavior while performing his/her job responsibilities. Administrators and department heads shall develop and cultivate a work environment in which employees feel valued and recognize that each individual is an integral component in accomplishing the mission of the City.

Fiscal Responsibility

Budget awareness is to be exercised on a continual basis. All employees are expected to be conscientious of and adhere to mandated budgets and spending plans.

Public Service

The goal of the City is to serve the public. This responsibility includes providing a wide range of services to the community in a timely and cost-effective manner.

Embrace Employee Diversity and Employee Contribution, Development and Safety

The City is an equal opportunity employer and encourages diversity in its work force, recognizing that each employee has unlimited potential to become a productive member of the City's team. Each employee will be treated with the level of respect that will allow that individual to achieve his/her full potential as a contributing member of the City staff. The City also strives to provide a safe and secure work environment that enables employees to function at his/her peak performance level. Professional growth opportunities, as well as teamwork, are promoted through the sharing of ideas and resources. Employees are recognized for his/her dedication and commitment to excellence.

Expect Excellence

The City values and expects excellence from all employees. Just "doing the job" is not enough; rather, it is expected that employees will consistently search for more effective ways of meeting the City's goals.

Respect the Dignity of Others

Employees shall be professional and show respect to each other and to the public.

Promote Protective Thinking and Innovative Suggestions

Employees shall take the responsibility to look for and advocate new ways of continuously improving the services offered by the City. It is expected that employees will perform to the best of his/her abilities and shall be responsible for his/her behavior and for fulfilling the professional commitments they make. Administrators and department heads shall encourage proactive thinking and embrace innovative suggestions from employees.

City of Swartz Creek
CITY MANAGER'S REPORT
Regular Council Meeting of Monday, December 9, 2019 - 7:00 P.M.

TO: *Honorable Mayor, Mayor Pro-Tem & Council Members*

FROM: Adam Zettel, City Manager

DATE: December 6, 2019

ROUTINE BUSINESS – REVISITED ISSUES / PROJECTS

✓ **MICHIGAN TAX TRIBUNAL APPEALS** *(Update)*

We are proceeding with answering the Kroger appeal.

The claim for the medical office building on the east end, commonly known as the VPH Building (5376 Miller), has been dropped. This claim was originally a small claim, but since the court found the value to be higher than what our records show it now qualifies for a large claim (how ironic).

We have successfully defended a small claim for the apartments on Brady Street.

✓ **STREETS** *(See Individual Category)*

✓ **2020-2023 TRAFFIC IMPROVEMENT PROGRAM (TIP)** *(No Change in Status)*

Morrish Road is slated for 2022 federal funding. Note that the total scope of the project is around \$1,050,000, with 20% being the city's contribution.

The city has committed the match portion to this project, which is 80-20. It is unclear what year this project will be undertaken, but we want it done subsequent to the USDA water main work. This MAY span two construction seasons. We have put the engineers on notice regarding our desire to widen Paul Fortino to the north so that a left turn lane may be added. This will occur whether or not the townhome project proceeds.

✓ **QUALIFIED BIDDING SELECTION PROCESS** *(Update)*

We opened bids for engineering services, receiving a total of four. We are scoring these now and should have a recommendation for the city council for the December 23, 2019 meeting.

This process is to ensure the city has a Michigan Department of Transportation pre-qualified engineer to work on projects with federal aid. It is obviously a good practice to apply for non-federal aid projects as well. The selection is valid for up to five years.

✓ **STREET PROJECT UPDATES** *(No Change in Status)*

This is a standing section of the report on the status of streets as it relates to our dedicated levy, 20 year plan, ongoing projects, state funding, and committee work. Information from previous reports can be found in prior city council packets.

We expect to be able to release bids for 2020 projects soon. The scope includes a section of Oakview, Chelmsford, and Oxford (including the last small stretch of Winston). Note that it is unlikely we will have a budget to do all of those sections in 2020 since state revenues have not been forthcoming as expected. However, it is work that needs to be completed for the USDA watermain on those streets in the next three years.

Notable issues currently include the proposed layout and ownership (school or city) of the bus lane on Oakview by Syring. We will liaise with the school regarding this and how they wish to proceed with the bond improvements.

✓ **WATER – SEWER ISSUES PENDING** (*See Individual Category*)

✓ **SEWER REHABILITATION PROGRAM** (*Update*)

The city is moving forward with lining the sewer collectors on the west end of downtown (Fairchild, Mclain, Ingalls, Brady, Hayes, and Holland). We will also be inspecting Don Shenk, which was one of the first lining projects from 2007. I will notify the council when work is expected to commence.

The capacity study is complete. I am including it for review. Please read the summary findings and recommendations. As expected, we have capacity issues in one of our districts. We will need to increase the pipe diameter for part of the system and/or add a secondary discharge. We will be meeting with ROWE to find solutions. I expect this to be a large ticket item, but it needs to be done even without additional changes or additions to the system. Despite the investment needs, I do not believe the community shall need to bond or alter rates, since we have been anticipating such an occurrence. I will look to separate this section in future reports as an action plan develops.

We are still working to geo-locate sewer lines, manholes, and some services so we can map them and track maintenance data on GIS. The Genesee County Drain Commission has verbally committed to reimbursing the city for some of the work related to water and sewer, since they plan to use it from time to time. I do not have a figure at this time, but I expect it to be half of what is related to sanitary sewer and water line mapping.

✓ **WATER MAIN REPLACEMENT - USDA** (*No Change in Status*)

We should be ready to bid this month. OHM is completing the final checklist with USDA, the state, and Genesee County.

Bond counsel and other team members have been tentatively assembled and await progress. The audit letter has been approved. We finally have terms with the matter of pipe diameter. The USDA will only fund pipe that is thinner than the Genesee County Drain Commission Standards. Previously, The USDA would not budge on funding thicker pipe, and the GCDC would not allow thinner pipe. We finally have approval from the GCDC, provided that the leads include a 'saddle' to compensate for the lack of threads that can be provided for using thinner pipe.

Prior system report findings follow:

The Genesee County Drain Commission - Water and Waste Services Division Water Master Plan, indicates they are considering a northern loop to provide redundancy and stability to the system. This is good news since Gaines and Clayton Township rely on the overstressed Miller line. There is currently not any cost or participation information available. I will keep the council informed.

The city has been working with the county to abandon the Dye Road water main in the vicinity of the rail line. Note that we are holding this action pending the master plan review. This line is prone to breaks, which can be very costly and dangerous near the rail spur. The intention would be to connect our customers to the other side of the street, onto the county line. It appears the transition cost would be about \$25,000. We will work with the county on this matter and report back on our findings.

Lastly, the city should probably complete full demolition on the "Brown Road" site (the old well head) and sell this property. This is not a high priority, but it is now on our radar.

✓ **HERITAGE VACANT LOTS** (*No Change of Status*)

The last of the lots acquired prior to the special assessment have been approved for sale. The city also has two more lots that were acquired through the tax reversion process. At this point the buyer, JW Morgan, has not executed the transaction. The market for Heritage Village is soft. I will allow these instruments to expire, and we can revisit this matter when circumstances change.

✓ **NEWSLETTER** (*No Change of Status*)

The next newsletter will be the winter quarter. Give me content ideas if you have them.

✓ **CONSTRUCTION & DEVELOPMENT UPDATE** (*See Individual Category*)

This will be a standing section of the report that provides a consolidated list for a brief status on public and private construction/developmental projects in the city.

1. **(Update)** The city hopes to commence construction on **about \$1 million of grant supported recreational path in 2020**. The MDOT grant is conditionally awarded. The DNR grant portion is scored favorably, but we do not know if it is enough for funding. We should know in December.
2. The **raceway has been granted tentative 2020 race days**. They intend to use the site for thoroughbred horse racing. However, they indicate a need to have some additional legislation related to mobile application betting. They are open to finding additional users for the site to supplement the racing. They are also communicating well in regards to partnering with community groups such as Hometown Days. I find the new owners to be very astute and capable.
3. **(Update)** A Flint based group has a purchase option for **Mary Crapo**. The intent is to use the building and site for senior housing (approximately 40 units total). This would result in new residents in the downtown and the potential for new construction on part of that site. They are looking at a January planning commission meeting for zoning and site plan. This is unlikely since we have not received materials with the prescribed 30 days.

4. The **school bond** passed and many improvements are expected in 2019 throughout the district. Total investment for this effort will exceed \$50 million over two to three years. Plans have been submitted for work on Syring and Elms School.
5. **Street repair in 2020** is to include Chelmsford. We also hope to include the remainder of Winston and Oxford Ct. The city also has grants and loans for about **\$5 million in water main work** to occur between 2020 and 2022.
6. The **Applecreek Station** development of 48 townhomes is seeking final review by the county. These units range in size from 1,389 to 1,630 square feet, with garages. Construction will occur on vacant land in the back of the development, by Springbrook Colony. Site engineering plans have just been submitted by the owner. Rents are expected to be about \$1.00 per square foot (~ \$1,600 a month) which matches rents in Winchester Village. If this project occurs in 2019, 2020 DDA revenues will be positively and substantially improved.
7. The **Brewer Condo Project** was given site plan approval and tentative purchase agreement approval. This includes 15 townhome condos off Morrish Road in downtown. They are approximately 1,750 square feet, with two car garages and basements. Parking on the raceway property has been tentatively approved by the owner, and we are working on a plan to level and maintain the surface to replace lost parking on Paul Fortino Drive.
8. The city council approved the use of **state tax incentives** and local utility waivers for redevelopment sites in downtown, rounding out our efforts to be a certified Redevelopment Ready Community.
9. The **elevator now has a new tenant** that wishes to engage in auctions. Because it is in an industrial district, they should be able to hold limited outdoor sales events with an administrative approval.
10. **(Update)** The next **Springbrook East** phase is under construction. Underground work is nearly complete. The developer has not been cooperative with installation requirements and inspections. Because much of the infrastructure is to be public, this is creating big problems. We are working on solutions.
11. **(Update)** We received the **synthetic tree for Holland Square** that can be used during the Christmas holidays. It will initially be 14' tall, with multi-colored LED's. However, the tree can be expanded in increments of 2' as time goes on! It is going up as I write this so take a look!
12. **(Update)** Bigby has broken ground and should be serving coffee this year!

✓ **TRAILS** *(No Change of Status)*

We have received our final scoring for the DNR Trust Fund Grant. The figure matches the total that qualified for awards in 2018 and exceeds the 2017 award score. We hope it is enough.

Engineering is being completed as we speak. This will ensure that, pending a late award, we will still have time to bid. Bidding early in the year (during the winter months) generally results in better pricing.

The DNR grant is crucial to offset the 35% that the city must cover to match the Enhancement Grant. The MDOT Enhancement Grant is conditionally awarded. We

hope this covers 65% of the investment. Work with Consumers Energy and CN Rail is positive for those project components that require their engagement. We are still working with the MTA and GM on some easements and permissions.

Note that the city will still be heavily invested in this, even if both grants are awarded. Count on a general fund outlay of \$200,000 for the local match and additional engineering, construction, and inspection services. Any overages (price changes and change orders) will be locally covered as well.

The project timeline will be revised. At its core, it should still reflect a 2020 construction timeframe. The difference is that we plan to engineer the project sooner than anticipated so we can bid it upon a conditional DNR award in a year's time.

✓ **REDEVELOPMENT READY COMMUNITIES** (*Update*)

The formal recognition for the RRC program will be at the city council meeting on December 23rd. This will be the focus of our meeting and the culmination of much effort!

We are also working on a plan to begin planning and marketing for the redevelopment of the old Lovegrove building on Miller Road. The state is taking a keen interest in this as one of our priority sites. Since the site is front and center in town and is being listed, it makes sense to pursue this as a priority. The state is willing to provide in-kind services and funding support to conceive a rehabilitation plan and market this to qualified buyers/developers.

✓ **TAX REVERTED PROPERTY USE** (*No Change of Status*)

I am seeking release from the buyers of tax reverted property on Wade Street and Heritage. I am doing so because the council granted sale approval over one year ago, but the purchase agreements remain unsigned after numerous requests. We can look to reoffer the properties or allow time to mature the prospects more.

✓ **8002 MILLER** (*Update*)

Occupancy of the entire building has been granted. The user is now going to be entering the next phase of rent payment towards the total purchase. I will be engaging them in early 2020 to begin establishing a plan and timeline for transfer of the property.

Note that the proceeds from this lease MUST go to offset the cities investment, effectively counting towards the eventual sale price by the user. This closely resembles a land contract. In fact, the city attorney may recommend we proceed directly to a land contract at this point as a means to recognize the current lease and eventually purchase terms.

✓ **SCHOOL FACILITY PROPOSAL** (*No Change of Status*)

It is expected that elementary security entrances and related work will be the first phase of the investment. There are plans in for Syring, with the expectation that this work will commence in 2019.

The school has placed a construction trailer to oversee this massive set of projects. This is located near the administration building, but away from work efforts, on the

property next to the bus garage. Though this is obviously temporary, the project could take a couple years.

Additional bond work shall continue in 2020 and 2021. It will include all facilities, including athletic facilities at the high school. We expect cooperation and benefit in terms of establishing safer connections for walkers, better land grades (e.g. the football field), and more attractive gateways.

✓ **BREWER TOWNHOMES** *(No Change of Status)*

The site plan and sale has been approved. We await transfer of the property pending final approval of the condominium documents by the city attorney. The builder is also still working on final drainage plans with Genesee County. It appears some additional underground investment may be needed. As previously noted, this development is a candidate for water and sewer fee waiver incentives. I will have more information soon.

✓ **SPORTS CREEK RACEWAY & GAMING COMMISSION** *(No Change of Status)*

The **raceway has been granted tentative 2020 race days**. They intend to use the site for thoroughbred horse racing. However, they indicate a need to have some additional legislation related to mobile application betting. They are open to finding additional users for the site to supplement the racing. They are also communicating well in regards to partnering with community groups such as Hometown Days. I find the new owners to be very astute and capable.

✓ **CDBG** *(No Change of Status)*

At this point, we are looking to upgrade street name/stop signs in the downtown area using these funds. Improvements should be eligible for funding in the fall of 2020.

✓ **SAFE ROUTES TO SCHOOL** *(No Change of Status)*

The application has been submitted. We are proceeding with the understanding that preliminary engineering, accurate pricing, and a final construction plan have not been settled. As we proceed with a potential award, we will have the opportunity to prioritize and select various project components, with the understanding that we will only need to proceed if funding is allocated through the grant.

As of writing, the school has been fantastic to work with. They indicate a willingness and ability to supply many of the desired improvements as they proceed with bond upgrades, including walkways and a potential pedestrian bridge.

See the October 14th packet for more details. Detailed information on the research and recommendations by the Crim Fitness Foundation are available upon request.

✓ **CENSUS COMPLETE COUNT COMMITTEE** *(Update)*

The committee is scheduled to meet on December 18th, at 10:00 a.m. at Fireside Coffee. The city is looking to purchase some banners and related materials to assist in getting the word out as well.

✓ **GIS MAPS** *(No Change of Status)*

We will be working with Rowe to complete map and database creation. We will also seek a partial reimbursement from the Genesee County Drain Commission. Please see the report in the August 12 City Council packet for full details.

✓ **SHARED SERVICES AGREEMENT-MUNDY TOWNSHIP** *(No Change of Status)*

Mundy's park will not be completed this year. As such, any need for services is put on hold as it relates to utilizing our labor and maintenance staff/equipment. The previous report follows:

Mundy Township is very interested in utilizing our existing labor and equipment resources to support their new park facility on Hill Road. We have come to verbal terms with each other regarding expectations. I have also ensured we have the capacity and willingness from the DPW Director and union steward that represents the crew that will be doing the work. The city Treasurer is also equipped to track, report, and invoice such services by virtue of extending a system of accounting that we use to enable our staff to maintain the park and ride.

Moving forward, I expect to deliver a short shared services agreement that will enable city labor and equipment to be used to maintain the Mundy Township park. Again, this agreement will resemble the MDOT park-and-ride service expectation, while taking the form of the shared service agreement we have with Mundy Township for building services. Conceptually, I think this is a great idea to create efficiency for the township and more capacity for the city, while ensuring costs are fairly and appropriately covered. The working plan appears to support the concept in terms of its functionality and demand on our resources.

✓ **DISC GOLF** *(Update)*

Disc Golf is proposed for the Bristol Road property (let's call it Bristol Fields until something better comes along). A park board committee has been formed to create a physical, financial, and implementation plan to make this happen. We are looking to locate corner stakes before planning the site. To do so, we must perform a full staking, since the expansion survey has a minor error and irons were never placed at the corners.

✓ **DIRECTOR OF COMMUNITY SERVICES SUCCESSION PLAN** *(Update)*

The city approved a shared service agreement with Mundy. Once executed by both parties, we are good to go with employing and compensating a professional engineer. As of writing, Mundy Township is requesting one change to the agreement that clarifies the employment status of the director (city employee and not a township employee). This was approved at their meeting on the 25th so I am bringing it to council for our meeting on December 9th. The change is noted, and I do not see it having any material impact on the arrangement. Approval of this agreement will replace the unexecuted agreement that was approved on October 28th.

In the meantime, the job is posted. We are also working with Tom to document and record various features and functions of the job to ensure a legacy plan for the position. I expect to have someone on the job in early January. The likelihood of having overlap is very small.

See the previous packets for prior details on this process.

✓ **GENESEE COUNTY ORV ORDINANCE (Update)**

Based upon comment from the police chief, fire chief, and council members, this is a dead issue. The previous report follows:

The county will be having a public hearing to consider an ordinance for ORV use on some county roads. This is interesting, and our council will need to be informed about this ordinance and the potential for an ordinance in our community.

I am including a number of news articles reflecting the proposal for Genesee County, the ordinance in Shiawassee County, and one from out-of-state. For the most part, the intention is to enable folks to use rural, unimproved roads (or low traffic shoulders) to make short trips between homes, businesses, recreational areas, hunting grounds, etc. There is also the ability to enable short, low speed trips to services on the edge of the rural areas, such as fueling stations, restaurants, and farm stores.

I suspect the county will enable this. It is unclear if usage will be high or include roads nearby or adjacent to the city. For example, Miller Road is a county road west of the Speedway at Seymour. Could users come from Gaines or Clayton to Gill-roys, Speedway, or the Draft? Would that be a good or bad idea? Here are some pros and cons as I see it:

Pros:

1. Folks that do this illegally in the city are known to travel at high rates of speed and look for short cuts. This is dangerous. Would the option of legal road occupancy encourage conformance with the laws?
2. Businesses in areas that enable this certainly benefit. Common services would be fueling, restaurants, and stores.
3. Residents may find an ordinance to be intrinsically useful, meaning the added freedom of use provides enjoyment or convenience in day-to-day life. Would golf carts from Springbrook be making their way to Kroger on a summer morning?
4. ORV's can provide services such as snow removal, enabling another avenue to maintain driveways and sidewalks.

Cons:

1. As noted above, folks that do this illegally in the city are known to travel at high rates of speed and look for short cuts. This is dangerous. Would the option of legal road occupancy encourage more reckless driving of ORV's?
2. ORV's are not all consistent in their safety features and performance standards (center of gravity, speed, visibility, etc.). Allowing them on public roads could be simply hazardous to traffic.
3. ATV's and ORV's are not generally designed for public road use. The statistics paint a negative picture for safety performance of these vehicles on such roads.

I suspect an ORV ordinance like the county's is not in our future. However, there is certainly room for discussion. Such use could be enabled under limited circumstances. This could include local registration, limiting which types of vehicles are allowed, limiting times of day, and limiting routes to designated areas only. I would like to hear what

council members have to say. Note that I have not engaged the police or fire departments in conversation at this time, but have reached out to get their opinion.

- ✓ **OTHER COMMUNICATIONS & HAPPENINGS** *(See Individual Category)*
- ✓ **MONTHLY REPORTS** *(Update)*
There some routine reports included for your information.
- ✓ **RACEWAY ARTICLE** *(Update)*
I am including an article that covers a couple of bills that the state is looking at to make the raceway viable.
- ✓ **BOARDS & COMMISSIONS** *(See Individual Category)*
- ✓ **PLANNING COMMISSION** *(Update)*
A training was held on December 3rd. There is a possibility that we will meet in January to review a site plan and zoning application for Mary Crapo.
- ✓ **DOWNTOWN DEVELOPMENT AUTHORITY** *(Update)*
The DDA met on November 14th and approved the purchase of an inflatable screen and new projector. This was conditioned upon the forfeiture of the façade grant for 5015 Holland Drive (which has been affirmed). I expect this project to continue in 2020 or 2021.

They are scheduled to meet on December 12th but there is little business at this point so I expect their meeting to be pushed to January.
- ✓ **ZONING BOARD OF APPEALS** *(Update)*
The ZBA is scheduled to meeting on December 18th, but there are not any agenda items at this time.
- ✓ **PARKS AND RECREATION COMMISSION** *(Update)*
The Park Board did not meet on December 4th. Their next meeting is scheduled for January 8th (one week later due to the New Year). They should have a full agenda.
- ✓ **BOARD OF REVIEW** *(No Change of Status)*
The BoR December meeting is tentatively scheduled for 10:00 a.m. on the 10th. This meeting enables folks to correct clerical errors and veteran exemptions.

NEW BUSINESS / PROJECTED ISSUES & PROJECTS

- ✓ **BURN PERMIT REQUEST** *(Business Item)*
The city ordinance prohibits burning with the following provision:

*Sec. 8-1 - Burning wastes without council authorization unlawful.
It shall be unlawful for any person to start, cause or permit to be started any open fire for the purpose of burning waste matter within the city, provided that the council shall have the right to authorize the open burning of waste matter upon application to the council*

and when in the discretion of the council it shall determine that such burning shall provide for the general welfare of the community.

The owner of 7325 Bristol Road (see map) has some brush to burn and has submitted a written request, with an image. This request seems to be in line with the intent of the ordinance and is a repeat occurrence. A similar request was granted in the fall of 2018 and was executed without issue. Chief Plumb is good with the request. If there is no objection, I recommend approving the request.

✓ **MEDICAL FIRST RESPONDER CERTIFICATION (Update)**

At the November 25th meeting, an area firefighter petitioned the council to consider encouraging the Swartz Creek Area Fire Department to certify firefighters as MFR's and engage in medical runs. I have consulted the fire chief on this matter. He has weighed the merits of additional certifications and the prospect of medical runs. At this time, he advises against pursuing this course. He further indicated that the department retains a number of EMT's, paramedics, and related equipment that can be used for staff injuries and very basic medical assistance for the general public.

✓ **POLICE PROTECTION UNIT AGREEMENT (Business Item)**

The city council approved the agreement as presented by the Metro Police Authority of Genesee County. However, at the November 25, 2019 Mundy Township Board meeting, there was a request to add language that will require reporting by Metro that relates to fulfillment of PPU hours. Metro's attorney has made such adjustment to the agreement. This is included in the packet for approval. Note that this agreement will replace the unexecuted agreement that was approved by the city council on October 28, 2019.

The previous report follows:

As the council is aware, we have been providing police service via the Metro Police Authority of Genesee County since February of 2017. The interlocal agreement spelled out how the organization would be funded upon commencement of operations for a period of three years, which was to maintain current operating budget levels. Metro has been successful in doing so, but the three year window is closing at the end of this calendar year.

With that said, the agreement indicates that we are to evolve the funding of the organization to the standard known as the Police Protection Unit (PPU). This has been the aspiration of the organization from the beginning, as modelled from York Township, Pennsylvania. This means that the city, township, and future members will pay for service based upon the level of patrol hours and related metrics, instead of a flat ratio, percentage, or negotiated cost.

Included in our packet is an agreement that realizes this change. It proposes to convert the current ratio of service responsibility between the city and township (30% to 70% respectively) to service hours (~201 to ~470 respectively). The agreement also provides for expectations and processes to periodically review each units service level and corresponding costs as new budget years develop.

This is an expected progression of the shared service interlocal agreement that enables the Metro PD. Staff and the city attorney have vetted this and recommend approval. Note that the 2020 contribution by the city and township is expected to be approved with a ~5% increase. This is a larger than normal increase, year over year. However, since this reflects a change over the original city budget from 2016 that was the bench mark for the first three years of the authority operations, it is very reasonable, even low. This also corresponds to an increase in service levels by virtue of the addition of a FANG officer, traffic officer, and code officer.

Council Questions, Inquiries, Requests, Comments, and Notes

Small Cities: The next Small Cities meeting will be at the Draft, and the presenter will be the State of Michigan RRC staff. The date is January 8th, and the time is 6pm.

Springbrook East: As of writing, the road base, curb, and asphalt was all installed without notice and inspections. The city will not be able to accept this infrastructure. We are working with the engineer on solutions.

**City of Swartz Creek
RESOLUTIONS
Regular Council Meeting, Monday, December 9, 2019, 7:00 P.M.**

Resolution No. 191209-4A MINUTES – November 25, 2019

Motion by Councilmember: _____

I Move the Swartz Creek City Council approve the Minutes of the Regular Council Meeting held Monday, November 25, 2019, to be circulated and placed on file.

Second by Councilmember: _____

Voting For: _____

Voting Against: _____

Resolution No. 191209-5A AGENDA APPROVAL

Motion by Councilmember: _____

I Move the Swartz Creek City Council approve the Agenda as presented / printed / amended for the Regular Council Meeting of December 9, 2019, to be circulated and placed on file.

Second by Councilmember: _____

Voting For: _____

Voting Against: _____

Resolution No. 191209-6A CITY MANAGER’S REPORT

Motion by Councilmember: _____

I Move the Swartz Creek City Council accept the City Manager’s Report of December 9, 2019, including reports and communications, to be circulated and placed on file.

Second by Councilmember: _____

Voting For: _____

Voting Against: _____

Resolution No. 191209-8A RESOLUTION TO APPROVE BURN PERMIT

Motion by Councilmember: _____

WHEREAS, the City of Swartz Creek city council may authorize open burning per ordinance section 8-1 if it finds that such burning will provide for the general welfare of the community, and

WHEREAS, a burning permit is sought by the resident at 7325 Bristol Road; and

WHEREAS, the city finds that the circumstances of this request, being a substantial amount of brush on a large and open lot, enable burning as a potentially preferred solution over curbside chipping.

NOW, THEREFORE, BE IT RESOLVED that the Swartz Creek City Council approve a single occurrence permit for open burning conditioned upon and in conformance with the standard burning requirements of the fire department.

Second by Councilmember: _____

Voting For: _____

Voting Against: _____

Resolution No. 191209-8B

A RESOLUTION TO APPROVE A SHARED SERVICE AGREEMENT WITH MUNDY TOWNSHIP THAT WILL ENABLE THE SERVICE AND COST SHARING OF A PROFESSIONAL ENGINEER

WHEREAS, the city operates a department of community services that is responsible for the overseeing operations and investment of streets, water, sewer, storm, parks, facilities, waste, and related functions; and

WHEREAS, the city is creating a succession plan for the Director of Community Services and finds that a professional engineer would be desirable to oversee the aggressive upcoming capital improvement programs of the city; and

WHEREAS, the Township of Mundy is expanding their physical assets and is in need of limited engineering services; and

WHEREAS, Public Act 63 of 2011, introduced the Economic Vitality Incentive Program, requires municipalities receiving over \$4,500 in revenue sharing to engage in numerous activities, including service consolidation; and

WHEREAS, the city and township can benefit from the skill set of a qualified professional engineer, but this will come at a greater expense.

NOW, THEREFORE, BE IT RESOLVED the City of Swartz Creek hereby approves the amended agreement for joint services with Mundy Township as included in the December 9, 2019 packet and directs staff to integrate the terms of the agreement into the official minutes of record and to establish and set procedures, policies, and duties as necessary to implement and perform services as outlined in the agreement.

Second by Councilmember: _____

Voting For: _____

Voting Against: _____

Resolution No. 191209-8C

RESOLUTION TO APPROVE AN AGREEMENT BETWEEN METRO POLICE AUTHORITY OF GENESEE

**COUNTY, THE CHARTER TOWNSHIP OF MUNDY, AND
THE CITY OF SWARTZ CREEK REGARDING POLICE
PROTECTION UNITS**

Motion by Councilmember: _____

WHEREAS, the City and the Charter Township of Mundy (“Mundy”) entered into an Interlocal Agreement to create Authority to provide police services to both the City and the Township (“Interlocal Agreement”); and

WHEREAS, the Authority currently provides police services to the Township and City for the benefit of the general public; and

WHEREAS, the Article VI, Section 6.02 of the Interlocal Agreement provides in part that states that the Parties shall execute an agreement that provides for the funding of the Authority; and

WHEREAS, pursuant to Article VI, Section 6.02 of the Interlocal Agreement, the Parties hereto desire to execute an Agreement to set forth how the Authority will be funded; and

NOW, THEREFORE, BE IT RESOLVED, that the City of Swartz Creek approves the amended Agreement between Metro Police Authority of Genesee County, The Charter Township of Mundy, and the City of Swartz Creek Regarding Police Protection Units, as included in the December 9, 2019 city council packet.

BE IT FURTHER RESOLVED that the City of Swartz Creek City Council directs the Mayor to execute said agreement on behalf of the city.

Second by Councilmember: _____

Voting For: _____

Voting Against: _____

**CITY OF SWARTZ CREEK
SWARTZ CREEK, MICHIGAN
MINUTES OF THE REGULAR COUNCIL MEETING
DATE 11/25/2019**

The meeting was called to order at 7:00 p.m. by Mayor Krueger in the Swartz Creek City Council Chambers, 8083 Civic Drive.

Invocation and Pledge of Allegiance.

Councilmembers Present: Cramer, Farmer, Gilbert, Hicks, Krueger, Pinkston, Root.

Councilmembers Absent: None.

Staff Present: City Manager Adam Zettel, Clerk Connie Olger.

Others Present: Lania Rocha, Bob Plumb, Nate Henry, Erik Jamison, Kyle Ward.

APPROVAL OF MINUTES

Resolution No. 191125-01

(Carried)

Motion by Councilmember Root
Second by Councilmember Gilbert

I Move the Swartz Creek City Council approve the Minutes of the Regular Council Meeting held Monday November 11, 2019 to be circulated and placed on file.

YES Farmer, Gilbert, Hicks, Krueger, Pinkston, Root, Cramer.
NO: None. Motion Declared Carried.

APPROVAL OF AGENDA

Resolution No. 191125-02

(Carried)

Motion by Councilmember Cramer
Second by Councilmember Gilbert

I Move the Swartz Creek City Council approve the Agenda as, printed for the Regular Council Meeting of November 25, 2019, to be circulated and placed on file.

YES: Gilbert, Hicks, Krueger, Pinkston, Root, Cramer, Farmer.
NO: None. Motion Declared Carried.

CITY MANAGER'S REPORT

Resolution No. 191125-03

(Carried)

Motion by Councilmember Farmer
Second by Councilmember Hicks

I Move the Swartz Creek City Council accept the City Manager's Report of November 25, 2019, including reports and communications to be circulated and placed on file.

Discussion Ensued.

YES: Hicks, Krueger, Pinkston, Root, Cramer, Farmer, Gilbert.
NO: None. Motion Declared Carried.

MEETING OPENED TO THE PUBLIC:

Kyle Ward, Mundy Twp. Firefighter & currently works for Mobile Medical Response. He is proposing the City use Mobile Medical Response to run medicals calls for the fire department.

COUNCIL BUSINESS:

RESOLUTION TO APPROVE AN EXPANDED USE RESERVATION AND PARK FEE/DEPOSIT WAIVER FOR USE OF ELMS PARK FOR A NON-PROFIT ART EVENT

Resolution No. 191125-04

(Carried)

Motion by Councilmember Hicks
Second by Mayor Pro Tem Pinkston

WHEREAS, the City of Swartz Creek requires park usage reservations and fees in accordance with adopted rules and regulations; and

WHEREAS, the Swartz Creek Kiwanis Club, in conjunction with the Swartz Creek Area Art Guild and Women's Club is proposing an expanded park use reservation for Pavilion #2, the soccer fields, the asphalt courts, and other open space on August 28-29, 2020 for the purpose of holding a public art fair; and

WHEREAS, all three groups are recognized non-profits operating in Swartz Creek that meet the requirements for an expanded use reservation; and

WHEREAS, the city park rules and regulations states that “fees may be waived in full if reservations by a non-profit are found to result in a public benefit directly or if proceeds from the reserved event are found to be a benefit to the city.”; and

WHEREAS, the City Council finds the Swartz Creek Kiwanis Club, partnered with the Swartz Creek Area Art Guild and Women’s Club, to be a qualifying group with a qualifying activity.

NOW, THEREFORE, BE IT RESOLVED, the Swartz Creek City Council hereby approves the expanded use reservation of the Swartz Creek Kiwanis Club and waives all fees for the August 28-29, 2020 reservation in Elms Park.

YES: Krueger, Pinkston, Root, Cramer, Farmer, Gilbert, Hicks.

NO: None. Motion Declared Carried.

RESOLUTION TO APPROVE 2019-2020 SEWER LINING PROJECTS

Resolution No. 191125-05

(Carried)

Motion by Councilmember Gilbert
Second by Councilmember Hicks

WHEREAS, the city selected Liqui-Force Services (USA) Inc., to perform certain sewer inspections and repairs in 2008 based upon a competitive request-for-proposal process that included fixed unit costs for services; and

WHEREAS, based upon the quality and reliability of work performed, Liqui-Force has remained the city’s contractor for these specialized services past the original 2012 term of the contract; and

WHEREAS, Liqui-Force has agreed to extend their unit costs through June of 2021 for the purpose of completing work on the sanitary sewer system; and

WHEREAS, the city council agreed to extend said units prices at their regular meeting on October 22, 2018, said extension remaining valid through June 30, 2021; and

WHEREAS, additional sewer rehabilitation work has been identified by staff and the city engineer based upon current inspections and consultation with the 20 year sewer plan.

NOW, THEREFORE, BE IT RESOLVED the City of Swartz Creek hereby approves the proposal and associated unit costs, in part, to perform rehabilitation on the sanitary sewer system as outlined for Brady, Ford, MH A55-A57, Fairchild, Mclain, Ingalls, Hayes, and other connectors as outlined on the updated proposal

dated November 15, 2019, in the amount of \$345,570.50, plus a 10% contingency, funds to be appropriated to the Sewer 591 fund.

NOW, THEREFORE, BE IT FURTHER RESOLVED the City of Swartz Creek hereby approves pilot PACP inspections in the amount of \$15,000, plus a 10% contingency, funds to be appropriated to the Sewer 591 fund.

Discussion Ensued.

YES: Pinkston, Root, Cramer, Farmer, Gilbert, Hicks, Krueger.

NO: None. Motion Declared Carried.

RESOLUTION TO APPROVE HOLLAND SQUARE USAGE PERMIT FOR THE ANNUAL FIRE DEPARTMENT CHRISTMAS PARADE

Resolution No. 191125-06

(Carried)

Motion by Mayor Pro Tem Pinkston

Second by Councilmember Gilbert

WHEREAS, the City of Swartz Creek issues public property usage permits for the purposes of holding public events from time-to-time; and,

WHEREAS, the Swartz Creek Area Firefighters Association has submitted application for such an event to be located within Holland Square for the purposes of hosting an annual Christmas tree lighting in downtown Swartz Creek; and,

WHEREAS, the City Council finds the time, place, and manner of the event to be conducive to the health, safety, and welfare of the community.

NOW, THEREFORE, BE IT RESOLVED THAT the City of Swartz Creek City Council hereby approves the Swartz Creek Area Fire Fighters Association's Street Usage Application to hold an annual Christmas Parade on Saturday, December 7, 2019 from 6:00 PM to 8:00 PM, with lot closure and conditions as set forth in the application packet, a copy of which is attached hereto, under the direction and control of the office of the Director of Public and Community Services.

Discussion Ensued.

YES: Root, Cramer, Farmer, Gilbert, Hicks, Krueger, Pinkston.

NO: None. Motion Declared Carried.

MEETING OPENED TO THE PUBLIC:

None.

REMARKS BY COUNCILMEMBERS:

Councilmember Cramer congratulated Swartz Creek Schools on their new competency requirements. Swartz Creek Schools is planning a community fair and is looking for participation. Census complete count committee is having a meeting December 18, 2019 at 10:00 a.m. at Fireside Coffee.

Councilmember Hicks commented the business Christmas lighting contest is rolling. The Park Board is judging the residential Christmas lighting contest gain this year. She is looking forward to the Christmas Parade/Event on December 7th. Events starting at 4:30-5:00 until the parade starts. Happy Thanksgiving everyone.

Councilmember Gilbert commented on today being the last leave pickup day.

Mayor Pro Tem Pinkston saw many comments on Facebook about the Distracted Driving Ordinance.

Mayor Krueger everyone have a blessed Thanksgiving. December meetings are on regular schedule this year 2nd & 4th due to the holidays. Cornerstone Baptist Church donated \$1000 to the Christmas Tree Project.

ADJOURNMENT

Resolution No. 191125-07

(Carried)

Motion by Councilmember Gilbert
Second by Councilmember Cramer

I Move the Swartz Creek City Council adjourn the regular meeting at 7:57 p.m.

Unanimous Voice Vote.

David A. Krueger, Mayor

Connie Olger, City Clerk

11/27/2019

CHECK REGISTER FOR CITY OF SWARTZ CREEK
CHECK DATE FROM 11/01/2019 - 11/30/2019

Highlighted amount is total for that vendor

Check Date	Check	Vendor Name	Description	Amount
Bank GEN CONSOLIDATED ACCOUNT				
11/07/2019	47244	ACE-SAGINAW PAVING COMPANY	COLD PATCH	596.40
11/07/2019	47245	ADS PLUS PRINTING LLC	WINDOW ENVELOPES (3000)	324.02
11/07/2019	47246	AGROSCAPING INC.	SPRINKLER WINTERIZATION/VETS MEMORIAL	70.00
11/07/2019	47247	AMERICAN PLANNING ASSOCIATION	MEMBERSHIP DUES 1/1-12/31/20	657.00
11/07/2019	47248	BETTY SHANNON	2019 SEPT & OCT CONTRACT REIMB RETIR	1,170.42
11/07/2019	47249	BOBBY GROSSI DDS PC	UB REFUND FOR 4495 MORRISH	773.98
11/07/2019	47250	BS & A SOFTWARE	ANNUAL SUPPORT MR/TAX 11/1/19-11/1/20	1,665.00
11/07/2019	47251	CHASE CARD SERVICES	9/22-10/21/19 MONTHLY STATEMENT	30.00
11/07/2019	47252	COMCAST BUSINESS	10/26-11/25/19 MONTHLY STATEMENT	170.80
11/07/2019	47253	CONSUMERS ENERGY	STREET LIGHTS 1294 10/1-10/31/19	7,252.54
11/07/2019	47254	CONSUMERS ENERGY	4524 MORRISH RD 10/1-10/31/19	52.47
11/07/2019	47255	CONSUMERS ENERGY	SIRENS TRAFFIC LIGHTS 1997 10/1-10/31/19	26.93
11/07/2019	47256	CONSUMERS ENERGY	5361 WINSHALL DR #2 RESTRMS 9987 A 10/3-	35.50
11/07/2019	47257	CONSUMERS ENERGY	8095 CIVIC DR A 10/3-10/31/19	531.40
11/07/2019	47258	CONSUMERS ENERGY	ELMS PARKING LOT AREA LIGHTS 2300 10/1-1	33.25
11/07/2019	47259	CONSUMERS ENERGY	8011 MILLER RD A 10/3-10/31/19	26.86
11/07/2019	47260	CONSUMERS ENERGY	8083 CIVIC DR A 10/3-10/31/19	492.93
11/07/2019	47261	CONSUMERS ENERGY	5121 MORRISH RD A 10/3-10/31/19	383.40
11/07/2019	47262	CONSUMERS ENERGY	48473 LED LIGHT RD WORCHESTER/CHESTERFIE	902.87
11/07/2019	47263	CONSUMERS ENERGY	5015 HOLLAND DR LOT LIGHTS A 10/3-10/31/	36.58
11/07/2019	47264	CONSUMERS ENERGY	4510 MORRISH RD A 10/3-10/31/19	36.58
11/07/2019	47265	CONSUMERS ENERGY	8059 FORTINO DR A 10/3-10/31/19	38.69
11/07/2019	47266	CONSUMERS ENERGY	8499 MILLER RD A 10/3-10/31/19	27.25
11/07/2019	47267	CONSUMERS ENERGY	5257 WINSHALL DR A 10/3-10/31/19	25.39
11/07/2019	47268	CONSUMERS ENERGY	5361 WINSHALL DR 8369 A 10/3-10/31/19	27.25
11/07/2019	47269	CONSUMERS ENERGY	9099 MILLER RD A 10/3-10/31/19	29.52
11/07/2019	47270	CONSUMERS ENERGY	TRAFFIC LIGHTS 1781 10/1-10/31/19	406.40
11/07/2019	47271	DEANNA KORTH	BANK MILEAGE DEANNA	67.86
11/07/2019	47272	DISPLAY SALES COMPANY	GARLAND (8)	1,322.00
11/07/2019	47273	DOVER & COMPANY	GARAGE DOOR MAINTENANCE/FIRE STATION	253.82
11/07/2019	47274	ENERGY REDUCTION COALITION	EXCESS BENEFIT PAYMENT	1,136.79
11/07/2019	47275	FAMILY FARM AND HOME INC	OCTOBER 2019 INVOICES	431.37
11/07/2019	47276	FERGUSON WATERWORKS #3386	R900 V4 WALL MIU (60)	5,940.00
11/07/2019	47277	FIDELITY SECURITY LIFE INSUR/EYEMED	RETIREE VISION NOV 2019	43.44
11/07/2019	47278	FIRST AMERICAN TITLE INS CO	UB REFUND FOR 5153 OAKVIEW	70.90
11/07/2019	47279	GEN CTY METROPOLITAN ALLIANCE	2020 MEMBERSHIP DUES GILBERT/PLUMB/CROME	150.00
11/07/2019	47280	GEN CTY ROAD COMMISSION	LEFT TURN SIGN	107.28
11/07/2019	47281	GEN CTY ROAD COMMISSION	SEPT 2019 S-MTCE & OPERATIONS	783.29
11/07/2019	47282	GILL ROYS HARDWARE	OCTOBER 2019 INVOICES LESS DISCOUNT	451.51
11/07/2019	47283	GREEN TECH SYSTEMS LLC	MILLER RD STREETScape APP #4-FINAL	61,169.59
11/07/2019	47284	IT RIGHT INC	25 USER LICENSE 10/21/19-10/20/24	312.50
			PC MID QTY 2	1,560.00
			UPS 1500 LCD	570.00
				2,442.50
11/07/2019	47285	INTEGRITY BUSINESS SOLUTIONS	TONER	189.99
11/07/2019	47286	JAMES NOLEN	WADE STREET ROAD REPAIR	4,783.00
11/07/2019	47287	JODY KEY	BANK MILEAGE JODY	9.05
11/07/2019	47288	JOSE A MIRELES	MOW & TRIM CITY PROPERTIES	1,145.00
			MOW & TRIM CITY PROPERTIES	1,145.00
				2,290.00
11/07/2019	47289	KLEE MFG & DIST	FLAGS FOR VETERANS MEMORIAL (7)	378.00
11/07/2019	47290	MY-CAN LLC	PORT-A-JON RENTAL HOLLAND ST	150.00
11/07/2019	47291	OHM ADVISORS	EXISTING PLAN SCANNING	960.10
11/07/2019	47292	OHM ADVISORS	USDA WATER MAIN IMPROVEMENT PROJECT	10,972.25
11/07/2019	47293	OHM ADVISORS	SPRINGBROOK EAST PHASE II CONSTRUCTION S	3,080.25
11/07/2019	47294	PITNEY BOWES INC.	8/30/19-11/29/19 LEASING CHARGES	144.12

11/07/2019	47295	ROWE PROFESSIONAL SERVICES CO	SEWER CAPACITY ANALYSIS AND REPORT	1,100.00
11/07/2019	47296	RWS OF MID MICHIGAN	OCT 2019 FY20 GARBAGE/RECYCLING/YARD WAS	23,739.27
11/07/2019	47297	SEASONAL WOOD PRODUCTS LLC	PLAYGROUND MULCH 30 YD/DELIVERY	780.00
			BLACK MULCH 20 YD/DELIVERY	525.00
			BLACK MULCH 20 YD/DELIVERY	525.00
				1,830.00
11/07/2019	47298	SELF SERVE LUMBER CO.	SHINGLES	29.99
11/07/2019	47299	SPARTAN BARRICADING & TRAFFIC CONTR	42" GRABBER CONE (10)	429.50
11/07/2019	47300	STATE OF MICHIGAN	MCAT CERT 2020 ARVOY	50.00
11/07/2019	47301	SUBURBAN AUTO SUPPLY	FUEL HOSE	7.45
11/07/2019	47302	THOMAS SVRCEK	REIMB TREE/X-MAS DECORATIONS	345.31
11/07/2019	47303	VERMEER OF MICHIGAN	BLADE SHARPENING	53.19
11/07/2019	47304	VERNON OUTDOOR EQUIP SMALL ENGINE	REPAIR POLE SAW	151.62
11/07/2019	47305	WINTERGREEN CORPORATION	#79164 14' GIANT EVEREST FIR PER QUOTE 1	4,304.65
11/12/2019	47306	CITY OF SWARTZ CREEK	REIMB PETTY CASH	192.88
11/12/2019	47307	CONSUMERS ENERGY	FAIRCHILD ST STREETLIGHTING	5,640.00
11/12/2019	47308	CONSUMERS ENERGY	4125 ELMS RD 4353 10/7-11/4/19 A	37.62
11/12/2019	47309	CONSUMERS ENERGY	4125 ELMS RD PAVILION 4437 10/7-11/4/19	32.31
11/12/2019	47310	CONSUMERS ENERGY	6425 MILLER PARK & RIDE 10/7-11/4/19 A	77.77
11/12/2019	47311	CONSUMERS ENERGY	8301 CAPPY LN 10/4-11/2/19 A	336.88
11/12/2019	47312	CONSUMERS ENERGY	8100 CIVIC DR 10/4-11/3/19 A	975.39
11/12/2019	47313	DAVID KRUEGER	SMALL CITIES MEETING DINNER/TIP	13.76
11/12/2019	47314	DENNIS W CRAMER	SMALL CITIES MEETING DINNER/MILEAGE	34.55
11/12/2019	47315	LEGACY ASSESSING SERVICES INC	ASSESSING SERVICES NOVEMBER 2019	2,618.00
11/12/2019	47316	MICH ASSOC MUNICIPAL CLERKS	CLERK ANNUAL MEMB DUES	60.00
11/12/2019	47317	PLANTE & MORAN PLLC	AUDIT SERVICES FY19/OTHER ACCOUNTING SER	12,600.00
11/12/2019	47318	SIMEN FIGURA & PARKER PLC	MONTHLY INVOICE OCTOBER 2019	910.00
11/12/2019	47319	STATE OF MICHIGAN	MCAT CERT K BROWN	50.00
11/20/2019	47320	AGROSCAPING INC.	EML/NORWAY SUPRUCE TREES (3)	1,346.94
11/20/2019	47321	BIO-SERV CORPORATION	PEST CONTROL - CITY HALL/LIBRARY-SR CTR	110.00
			PEST CONTROL - PUBLIC SAFETY BLDG	57.00
				167.00
11/20/2019	47322	BLUE CARE NETWORK-EAST MI	COBRA DEC 2019 OBRIEN	614.00
			RETIREE HEALTH DEC 2019 CLOLINGER	1,243.63
				1,857.63
11/20/2019	47323	C & H CONSTRUCTION CO INC	REPLACE FIRE HYDRANT/SEYMOUR	821.25
11/20/2019	47324	DELTA DENTAL PLAN	DEC 2019 RETIREE DENTAL (6)	424.98
11/20/2019	47325	DETROIT SALT COMPANY	ROCK SALT AT \$59.07 PER TON	3,043.29
11/20/2019	47326	DISPLAY SALES COMPANY	BRACKET SYSTEM	582.00
			BANNERS (12)	738.00
				1,320.00
11/20/2019	47327	DOVER & COMPANY	GARAGE DOOR REPAIR/FIRE STATION	320.90
11/20/2019	47328	FERGUSON WATERWORKS #3386	R900 V4 WALL MIU (250)	24,750.00
			RETURN MIU REG ADPT FOR R900 (9)	(90.00)
				24,660.00
11/20/2019	47329	GBS INC	COUNCIL BOOK (4)	768.85
11/20/2019	47330	GENESEE CTY DRAIN COMMISSIONER	WATER 1,722,394 CF 9/30-10/31/19	115,137.66
11/20/2019	47331	I T VERDIN COMPANY	2020 CLOCK MAINTENANCE AGREEMENT	630.00
11/20/2019	47332	JAMS MEDIA LLC	SIDEWALK NOTC/ZBA PUB HEARING/ORDIN 444	194.50
11/20/2019	47333	JERRY'S TIRE	TIRES (2)/SERV CALL/LABOR/VALVE	1,402.00
11/20/2019	47334	JOSE A MIRELES	MOW & TRIM CITY PROPERTIES	1,145.00
11/20/2019	47335	KNAPHEIDE TRUCK EQUIPMENT	EDGE ASSY (2)/EDGE KIT/CURB GUARD KIT	1,752.00
11/20/2019	47336	MATTHEW R WADDILL	PLUG TIRE	10.00
11/20/2019	47337	MICHIGAN MUNICIPAL LEAGUE	CDL CONS. DRIVER FEE (5)	375.00
11/20/2019	47338	MISSION COMMUNICATIONS LLC	SERVICE 12/1/19-11/30/20	407.40

11/20/2019	47339	MITA INC	MITA AD ENG	50.00
11/20/2019	47340	OFFICE DEPOT CREDIT PLAN	MONTHLY STATEMENT	73.27
11/20/2019	47341	OHM ADVISORS	DYE TO ELMS TRAIL	2,002.00
11/20/2019	47342	PARAGON LABORATORIES INC	WATER SAMPLES WO 110619 (2) (358334)	1,204.00
			WATER SAMPLES WO SWARTZ CREEK 110619 (35)	1,015.00
				2,219.00
11/20/2019	47343	SUBURBAN AUTO SUPPLY	5W30 (12)/OIL FILTER	55.86
			AW32 HYD OIL 5 GAL	42.99
			WINTER BLADE	21.98
			EXH REPAIR TAPE	3.49
			FITTING (4)/HYD HOSE/ANTI-SEIZE	147.86
			AW32 HYD OIL 5 GAL (2)/BLASTER (2)	97.96
				370.14
11/20/2019	47344	SUPER FLITE OIL CO INC	FUEL - DPW OCTOBER 2019	1,078.06
11/20/2019	47345	SWARTZ CREEK AREA FIRE DEPT.	FIRE SERVICE OCT 2019	4,313.07
11/20/2019	47346	UNUM LIFE INSURANCE	DEC 2019 RETIREE LIFE (3)	35.10
11/20/2019	47347	VERIZON WIRELESS	MONTHLY STATEMENT 10/2-11/1/19	1,078.13
11/20/2019	47348	VORTEX INC	FURNACE INSTALLATION/LIBRARY	1,800.00
			REPAIR FURNACE AT LIBRARY	115.00
			REPAIR FURNACE AT LIBRARY	398.00
			INSTALL NEW FURNACE CITY HALL	2,900.00
				5,213.00
GEN TOTALS:				
Total of 105 Checks:				340,986.85
Less 0 Void Checks:				0.00
Total of 105 Disbursements:				340,986.85

FANG ACTIVITY REPORT

November 2019

11/07 – FANG detectives worked with uniform troopers from MSP to make citizen contacts in high crime areas of Genesee County. The detail resulted in two Felony Fugitive arrests.

11/12 – FANG detectives utilized a confidential informant to purchase cocaine from a dealer in the Flint area. The dealer was later identified, and the investigation is ongoing.

11/13 – FANG detectives assisted the DEA with a controlled delivery of a kilo of cocaine in the Flint area.

11/14 – FANG detectives utilized a confidential informant to conduct a purchase of \$50 of cocaine from a known narcotics dealer in the Flint area. The investigation is ongoing.

Also, on this date FANG detectives conducted a search at the residence of a dealer that had previously sold drugs to FANG detectives. In the residence detectives located FANG buy money. The suspect was arrested and is currently cooperating.

11/18 – FANG detectives utilized confidential informants to conduct three different controlled purchases of drugs. The first was for fentanyl, the second crack cocaine, and the third heroin. All three dealers were identified and the investigations are ongoing.

11/19 – FANG detectives utilized a confidential informant to purchase heroin from a known dealer in the Flint area.

11/20 – A search warrant was conducted at the residence of a dealer who had sold drugs to FANG detectives. The suspect was not present; however, detectives located amounts of suboxone packaged for sale.

11/21 – FANG conducted a motel interdiction detail in Flint Twp. and in Burton. The detail led to the seizure of over an ounce of fentanyl, an illegal pistol and \$2800 in cash.

Also on this date FANG detectives made two controlled purchases of narcotics. Both purchases were for heroin but from two separate targets.

11/25 – FANG detectives conducted an undercover purchase of crystal meth from a dealer. The purchase happened in a parking lot in the City of Burton. The investigation is ongoing.

11/25-FANG detectives conducted an undercover purchase of cocaine from a dealer in the Flint area. The investigation is ongoing.

11/26 – FANG detectives assisted ATF with surveillance on a high-level drug dealer in the City of Flint. The detail helped identify vehicles and residences used by the suspect.

11/27-FANG detectives, assisted by MSP uniform troopers, conducted an interdiction stop on a vehicle that was coming back from California. Surveillance on this vehicle had been conducted over the past two months on a subject residing in the Mt. Morris Twp area. The traffic stop and subsequent search of a residence resulted in over 200 fraudulent credit cards/prepaid cards being seized. Investigation is ongoing.

Public Works
Monthly Work Orders

12/02/19

Work Order #	Location ID	Customer Name	Date Recd	Type
Work Order Status		Service Address	Date Comp	
DRAN19-0072	CO10-004464-0000-02	GRABLE, GLENDA 4464 COLONY CT	11/11/19	STORM DRAINS
FLAG19-0213 COMPLETED	CI10-008083-0000-01	CITY OF SWARTZ CREEK 8083 CIVIC DR	11/04/19 11/11/19	LOWER/RAISE FLAG
FLAG19-0214 COMPLETED	CI10-008083-0000-01	CITY OF SWARTZ CREEK 8083 CIVIC DR	11/12/19 11/15/19	LOWER/RAISE FLAG
FLAG19-0215 COMPLETED	CI10-008083-0000-01	CITY OF SWARTZ CREEK 8083 CIVIC DR	11/14/19 11/15/19	LOWER/RAISE FLAG
FLAG19-0216 COMPLETED	CI10-008083-0000-01	CITY OF SWARTZ CREEK 8083 CIVIC DR	11/15/19 11/18/19	LOWER/RAISE FLAG
FNRD19-1656 COMPLETED	JI10-009214-0000-06	SAGER, VICKY L. 9214 JILL MARIE LN	11/01/19 11/01/19	FINAL READ
FNRD19-1672 COMPLETED	WI10-005348-0000-04	WINSHALL LAND TRUST 5348 WINSHALL DR	11/04/19 11/04/19	FINAL READ
FNRD19-1673 COMPLETED	MI10-005354-0000-07	JONES, MATTHEW 5354 MILLER RD	11/04/19 11/05/19	FINAL READ
FNRD19-1674 COMPLETED	SP10-004415-0000-02	CANNON, GERALD 4415 SPRINGBROOK DR	11/04/19 11/05/19	FINAL READ
FNRD19-1675 COMPLETED	MI10-007562-0000-02	NEMER, KHALIL 7562 MILLER RD	11/05/19 11/05/19	FINAL READ
FNRD19-1676 COMPLETED	CE10-009271-0000-06	NIKHIL - DEVEN PROPERTIES LL 9271 CEDAR CREEK CT	11/05/19 11/05/19	FINAL READ
FNRD19-1677 COMPLETED	MA40-006230-0000-01	DEMARIA, ROBERT 6230 MANSFIELD ST	11/07/19 11/08/19	FINAL READ
FNRD19-1678 COMPLETED	BR10-005031-0000-05	REX, TOM 5031 BRADY ST	11/15/19 11/18/19	FINAL READ
FNRD19-1679 COMPLETED	IN10-008096-0000-04	BLUE OCEAN LLC 8096 INGALLS ST	11/25/19 11/25/19	FINAL READ
FNRD19-1680 COMPLETED	GR10-005395-0000-03	GORZENSKI, JOSEPH 5395 GREENLEAF DR	11/25/19 11/25/19	FINAL READ
GWO19-0549 COMPLETED	SI10-004176-0000-01	SAMPLES, CLARENCE 4176 SILVER MAPLE LN	11/06/19 11/06/19	GENERIC WORK ORDE
GWO19-0551 COMPLETED	DR10-000001-0000-01	HIGH SCHOOL, SWARTZ CREEK 1 DRAGON DR	11/13/19 11/13/19	GENERIC WORK ORDE
MNT19-0314 COMPLETED	CI10-008095-0000-01	PERKINS LIBRARY 8095 CIVIC DR	11/04/19 11/04/19	BUILDING MAINTENA
MNT19-0315 COMPLETED	CI10-008095-0000-01	PERKINS LIBRARY 8095 CIVIC DR	11/20/19 11/20/19	BUILDING MAINTENA
READ19-0747 COMPLETED	SE20-005300-0000-03	RICHARDSON, TIM 5300 SEYMOUR RD	11/15/19 11/13/19	READ METER

Work Order #	Location ID	Customer Name	Date Recd	Type
Work Order Status		Service Address	Date Comp	
READ19-0750 COMPLETED	KR20-004276-0000-01	SPRINGVALE ASSISTED LIVING 4276 KROGER DR	11/04/19 11/01/19	READ METER
READ19-0751 CANCELLED	BR20-006060-0000-02	GENERAL MOTORS 6060 BRISTOL RD	11/06/19 11/06/19	READ METER
READ19-0752 COMPLETED	WO10-005359-0000-04	MURPHY, SAMANTHA 5359 WORCHESTER DR	11/19/19 11/20/19	READ METER
SNOW19-0006 COMPLETED	MA20-008087-0000-01	KERSPILO, PATRICK JR 8087 MAPLE ST	11/14/19 11/14/19	SNOW/ICE REMOVAL
SWLK19-0016 COMPLETED	DA10-005234-0000-02	FREELAND, STEVEN & KELLY 5234 DAVAL DR	11/20/19 11/21/19	SIDEWALK REPAIR
WBKU19-0054 COMPLETED	IN10-008037-0000-04	MARTIN, CODY 8037 INGALLS ST	11/04/19 11/04/19	WATER BACK UP-CHE
WOFF19-2273 COMPLETED	PA10-007200-0000-02	LOBDELL, KIMBERLY 7200 PARK RIDGE PKY	11/04/19 11/04/19	WATER TURN OFF
WOFF19-2274 COMPLETED	WI10-005296-0000-01	MULLEN, ETHEL 5296 WINSHALL DR	11/04/19 11/04/19	WATER TURN OFF
WOFF19-2275 CANCELLED	MA20-008095-0000-03	PASHEEK, RYAN L 8095 MAPLE ST	11/12/19 11/12/19	WATER TURN OFF
WOFF19-2277 COMPLETED	WI20-005058-0000-03	ALLEN-ANTHONY, NICOLE 5058 WINSTON DR	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2278 CANCELLED	WO10-005192-0000-01	MORRISON, PAUL W 5192 WORCHESTER DR	11/18/19 11/19/19	WATER TURN OFF
WOFF19-2279 COMPLETED	LU10-009128-0000-03	MC CROON, ERIC 9128 LUEA LN	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2280 COMPLETED	SE20-005178-0000-01	SIMMONDS, DAN 5178 SEYMOUR RD	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2282 COMPLETED	CH20-009064-0000-03	COFFIELD, AARON 9064 CHESTERFIELD DR	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2283 COMPLETED	CH20-009104-0000-03	MCDONALD, ALICIA 9104 CHESTERFIELD DR	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2284 CANCELLED	MI10-008247-0000-10	GABRAEL MGT 8247 MILLER RD	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2285 CANCELLED	MO10-005138-0000-06	BROWN, MICHELLE 5138 MORRISH RD	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2286 CANCELLED	SE20-005231-0000-02	ZERKA, MELANNI 5231 SEYMOUR RD	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2287 CANCELLED	DU10-005221-0000-01	DIKOS, THOMAS 5221 DURWOOD DR	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2288 COMPLETED	EL10-004045-0000-03	MOORE, DEBORAH 4045 ELMS RD	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2289 COMPLETED	MI10-008408-0000-04	TREMBLAY, MARTHA 8408 MILLER RD	11/18/19 11/18/19	WATER TURN OFF
WOFF19-2290	MO10-004048-0000-04	SHEPHERD, JAMES	11/18/19	WATER TURN OFF

Work Order #	Location ID	Customer Name	Date Recd	Type
Work Order Status		Service Address	Date Comp	
COMPLETED		4048 MORRISH RD	11/18/19	
WOFF19-2291	DO10-005410-0000-02	HOUGH, JUDY	11/18/19	WATER TURN OFF
CANCELLED		5410 DON SHENK DR	11/18/19	
WOFF19-2292	DU10-005208-0000-02	TANNER, BRANDON	11/18/19	WATER TURN OFF
COMPLETED		5208 DURWOOD DR	11/18/19	
WOFF19-2293	FA10-005090-0000-01	WEBB, JOHN	11/19/19	WATER TURN OFF
CANCELLED		5090 FAIRCHILD ST	11/19/19	
WOFF19-2294	EL10-003493-0000-08	SPALDING, MICHELLE	11/25/19	WATER TURN OFF
CANCELLED		3493 ELMS RD	11/25/19	
WOFF19-2295	MA20-008041-0000-05	ADOLPH, MATTHEW	11/25/19	WATER TURN OFF
CANCELLED		8041 MAPLE ST	11/25/19	
WOFF19-2296	MA20-008099-0000-01	MAC AULEY, ALGER	11/25/19	WATER TURN OFF
CANCELLED		8099 MAPLE ST	11/25/19	
WTON19-1331	PA10-007200-0000-02	LOBDELL, KIMBERLY	11/04/19	WATER TURN ON
COMPLETED		7200 PARK RIDGE PKY	11/04/19	
WTON19-1332	CH20-009104-0000-03	MCDONALD, ALICIA	11/18/19	WATER TURN ON
COMPLETED		9104 CHESTERFIELD DR	11/18/19	
WTON19-1333	CH20-009064-0000-03	COFFIELD, AARON	11/19/19	WATER TURN ON
COMPLETED		9064 CHESTERFIELD DR	11/19/19	
WTON19-1334	EL10-004045-0000-03	MOORE, DEBORAH	11/19/19	WATER TURN ON
COMPLETED		4045 ELMS RD	11/19/19	
WTON19-1335	SE20-005178-0000-01	SIMMONDS, DAN	11/19/19	WATER TURN ON
COMPLETED		5178 SEYMOUR RD	11/19/19	
WTON19-1336	MO10-004048-0000-04	SHEPHERD, JAMES	11/19/19	WATER TURN ON
COMPLETED		4048 MORRISH RD	11/19/19	

Total Records: 54

Report Generated: 12/2/2019 11:05 AM

Report Options: Scheduled From: 11/1/2019 To: 11/30/2019

DPS ACTIVITY NOVEMBER 2019

	<u>REGULAR</u>	<u>HOLIDAY</u>	<u>VACATION</u>	<u>ABSENT</u>	<u>OT</u>	<u>DT</u>
101 GENERAL FUND						
262.0 ELECTIONS						
345.0 P S BLDG	49.09		0.82	1.73		
781.0 AMPHI-PARK						
782.0 ABRAMS PARK	38.75		4.60	0.68		
783.0 ELMS PARK	37.85		3.98	1.39		
784.0 BICENT. PARK						
790.0 SENIOR CENTER/LIBRARY	69.54		1.75	1.24		
793.0 CITY HALL	31.82		0.28	0.86	0.50	
794.0 COMM PROMO	146.98		0.66	1.87	4.00	
796.0 CEMETERY	1.11			0.03		
202 MAJOR STREET FUND						
429.0 SAFETY						
441.0 PARK & RIDE	27.12		4.72	0.59		
463.0 STREET MAIN	125.49		21.05	2.68		
474.0 TRAFFIC	8.49		6.73	0.10	2.00	
478.0 SNOW & ICE	19.51		2.61	0.06	12.50	
482.0 ADMIN	22.75		1.11	2.90		
203 LOCAL STREET FUND						
429.0 SAFETY						
463.0 STREET MAIN	189.77		15.75	2.07		
474.0 TRAFFIC	0.59		0.03	0.07		
478.0 SNOW & ICE	31.50		1.23	0.09	2.50	
482.0 ADMIN	32.31		1.59	4.12		
226 GARBAGE FUND						
528.0 COLLECT	6.37		0.16	0.43		
530.0 WOODCHIPPING	73.87		8.95	2.11		
782.0 ABRAMS PARK GARBAGE	11.20		1.51	0.33	2.00	2.00
783.0 ELMS PARK GARBAGE	20.17		3.12	0.60	2.00	2.00
793.0 CITY HALL	7.18		0.03	0.13		
590 WATER						
540.0 WATER SYSTEM	155.85		17.70	7.14	2.00	
540.0 WATER-ON CALL	2.00					
542.0 READ & BILL	63.19		1.76	0.72		
793.0 CITY HALL	17.95		0.08	0.30		
591 SEWER						
536.0 SEWER SYSTEM	63.95		2.40	5.27		2.00
536.0 SEWER-ON CALL	2.00					
537.0 LIFT STATION	4.71		0.23	0.59		
542.0 READ & BILL	63.19		1.76	0.71		
793.0 CITY HALL	17.95		0.08	0.30		
661 MOTOR POOL FUND						
795.0 CITY GARAGE	82.25		12.31	0.89		
DAILY HOURS TOTAL	1424.50	0.00	117.00	40.00	27.50	6.00

Nature Of Work	4WD 7-15,3-08 2-08, 09-03	4WD 7-15,3-08 2-08, 09-03a	2WD 5-16	JCB Backhoe 06'00	Backhoe w/breaker 06'00a	Bucket Truck 6-99	Brush Hog 09'02	Dump 11	Dump w/plow 11a	Dump 12'02	Dump w/plow 12'02a	Dump 12-04	Dump w/plow 12-04a
101.262 Elections													
101.450 Forestry													
101.781 Pajitas Amphi													
101.782 Winshall Pk	3		2.04			2							
101.783 Elms Pk	3		4.82										
101.784 Bicentennial Pk													
101.790 Sen Ctr./Lib	25	8	2.74										
101.345 PS Bldg	19.5	5	3.04										
101.793 City Hall	26.5	8	2.67					0.5					
101.794 Comm Promo	44.5	3	1.08		13								
661.795 City Garage			5.3										
101.796 City Cem			0.05				3						
202.463 Maint. Major	21		1.97					2					
202.474 Traffic-Major	2		0.26										
202.478 Snow/Ice-Maj	1	10	0.25					3				10	
202.482 Major-Admin			12.4										
203.463 Maint-Local	25		2.34					8				1	
203.474 Traffic-Local			0.32										
203.478 Snow/Ice-Local	1	19	0.25									13.5	
203.482 Local-Admin			17.59										
226.528 Waste Collect	5		1.83										
226.530 Woodchipping	9		1.83										
590.540 Water System	50		32.88					8					
590.542 Water-Read/Bill	20.5		0.91										
591.536 Sewer System	8		21.76										
591.537 Sewer Lift Stat			2.57										
226.782 Winshall Pk Gbg	1		0.11										
226.783 Elms Pk Gbg	6		0.08										
591.542 Sewer Read/Bill	20.5		0.91										
Total	291.5	53	120	0	0	15	0	19	0	5.5	0	24.5	0

DPS Equipment Rental
 November 2019
 Page 2

Nature Of Work	Portable Generator	Case Backhoe 17	Sweeper	JD Tractor 19	Chipper	#42 Arrow	Arrow Board	Trailer	Roller	Pressure Washer	Post Hole Digger	01'98	Kubota 5-18
101.262 Elections													
101.450 Forestry													
101.781 Pajtas Amphi													
101.782 Winshall Pk													
101.783 Elms Pk													
101.784 Bicentennial Pk													
101.790 Sen Ctr./Lib													
101.345 PS Bldg													
101.793 City Hall													
101.794 Comm Promo													
661.795 City Garage		1											
101.796 City Cem													
202.463 Maint. Major		3	2			3							
202.474 Traffic-Major		1											
202.478 Snow/Ice-Maj													
202.482 Major-Admin													
203.463 Maint-Local			65		8	9							
203.474 Traffic-Local													
203.478 Snow/Ice-Local													
203.482 Local-Admin													
226.528 Wast Collect													
226.530 Woodchipping					11								
590.540 Water System													
590.542 Water-Read/Bill													
591.536 Sewer System													
591.537 Sewer Lift Stat													
Total	0	5	67	0	19	12	0	0	0	0	0	0	0

November 2019	MILES DRIVEN		GALLONS GAS PURCHASED		GALLONS DIESEL PURCHASED
#5-16 2WD gas	856.0		78.0		
#7-15 4WD gas	434.0		44.8		
#3-08 P/U 4WD gas	316.0		55.0		
#10-18 P/U diesel	439.0				68.5
#2-08 P/U 4WD gas	326.0		45.8		
#6-00 BACKHOE diesel					
#11 DUMP gas	111.0		15.5		
#12-02 DUMP diesel	230.0				62.2
#12-04 DUMP diesel	224.0				58.0
#12-99 GENERATOR gas					
#17 CASE BACKHOE diesel					20.0
#19 JD TRACTOR diesel					
#06-99 BUCKET TRUCK gas	15.0		13.5		
#21 WOOD CHIPPER diesel					12.0
#807 STREET SWEEPER diesel	162.0				103.0
#42 ASPHALT HEATER diesel					9.0
#37 TRAIL ARROW					
#10-15 GEN gas					
#5-18 KUBOTA (Hours)	1.0				
gas can					
TOTAL	3113.0		252.6		332.7

City of Swartz Creek

Building Permit List

2019

Permit No.	Date	Applicant	Phone	Tax ID No.	Value of Const/Permit Fee	Location	Type of Construction	
Building								
PB1900066	11/19/19	Wolgast Corporation-Grand Ra	(616) 949 6868	58-30-300-001	\$2,102,197	\$7,242.00	3259 ELMS RD 48473-School Project	
PB1900083	11/07/19	D. R. Fix-It	(810) 348 1469	58-36-300-025	\$50,000	\$385.00	4413 MORRISH RD 48473-Com Utility Building	
PB1900084	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-030	\$23,642	\$206.00	9080 LUEA LN 48473-Roofing	
PB1900085	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-040	\$26,228	\$214.00	9032 LUEA LN 48473-Roofing	
PB1900086	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-043	\$22,245	\$202.00	9041 LUEA LN 48473-Roofing	
PB1900087	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-012	\$22,569	\$203.00	9104 LUEA LN 48473-Roofing	
PB1900088	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-045	\$22,339	\$202.00	9061 LUEA LN 48473-Roofing	
PB1900089	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-047	\$22,586	\$203.00	9069 LUEA LN 48473-Roofing	
PB1900090	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-015	\$20,673	\$197.00	9087 LUEA LN 48473-Roofing	
PB1900091	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-025	\$22,020	\$201.00	9149 LUEA LN 48473-Roofing	
PB1900092	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-041	\$23,622	\$206.00	9031 LUEA LN 48473-Roofing	
PB1900093	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-017	\$28,315	\$220.00	9097 LUEA LN 48473-Roofing	
PB1900094	11/21/19	MVP Home Specialists LLC	(989) 413 3376	58-03-626-049	\$25,302	\$211.00	9079 LUEA LN 48473-Roofing	
Total:		13 Permits	Value: \$2,411,738		Fee Total: \$9,892.00		Total Number of Dwelling Units	0

Electrical

PE1900057	11/06/19	Bowen Electric, LLC	(810) 407 7205	58-36-676-022	\$0	\$134.00	4297 MAYA LN 48473-Electrical
PE1900058	11/19/19	Electrical Wiring Solutions LLC	(810) 240 3107	58-02-526-042	\$0	\$275.00	5125 MC LAIN ST 48473-Electrical
PE1900059	11/18/19	Creative Electrical Solutions	(810) 659 7884	58-36-676-045	\$0	\$144.00	7209 LINDSEY DR 48473 Electrical
PE1900060	11/18/19	LJ Electric LLC	(810) 644 7769	58-36-529-029	\$0	\$152.00	4197 BIRCH LN 48473-Electrical
PE1900061	11/20/19	HARRIS, ANDREW		58-29-551-008	\$0	\$205.00	5420 MILLER RD 48473-Electrical
PE1900063	11/25/19	LJ Electric LLC	(810) 644 7769	58-03-534-015	\$0	\$134.00	9259 JILL MARIE LN 48473-Electrical

City of Swartz Creek Building Permit List 2019

Permit No.	Date	Applicant	Phone	Tax ID No.	Value of Const/Permit Fee	Location	Type of Construction
Total:		6 Permits	Value: \$0		Fee Total: \$1,044.00		Total Number of Dwelling Units 0

Mechanical

PM190089	11/06/19	SK Heating & Cooling	(810) 407 7205	58-36-676-022	\$0	\$135.00	4297 MAYA LN	48473-Mechanical
PM190090	11/05/19	Goyette Mechanical	(810) 742 8530	58-36-527-007	\$0	\$160.00	7035 PARK RIDGE PKWY	48473-Mechanical
PM190091	11/13/19	Ecker Mechanical Cont Inc	(810) 742 8652	58-03-200-006	\$0	\$700.00	5300 OAKVIEW DR	48473 Mechanical
PM190092	11/18/19	Thomas Albright & Assoc Inc	(810) 659 7884	58-36-676-045	\$0	\$160.00	7209 LINDSEY DR	48473 Mechanical
PM190093	11/18/19	LJ Electric LLC	(810) 644 7769	58-36-529-029	\$0	\$165.00	4197 BIRCH LN	48473-Mechanical
PM190095	11/25/19	LJ Electric LLC	(810) 644 7769	58-03-534-015	\$0	\$165.00	9259 JILL MARIE LN	48473-Mechanical
Total:		6 Permits	Value: \$0		Fee Total: \$1,485.00		Total Number of Dwelling Units	0

Plumbing

PP190022	11/13/19	Ecker Mechanical Cont Inc	(810) 742 8652	58-03-200-006	\$0	\$232.00	5300 OAKVIEW DR	48473 Plumbing
Total:		1 Permits	Value: \$0		Fee Total: \$232.00		Total Number of Dwelling Units	0

Zoning

PZ19-0002	11/20/19	Black & Veatch for Tesla Moto:	(541) 490 3080	58-36-100-001	\$110,000	\$25.00	4141 MORRISH RD	48473-Miscellaneous
PZ19-0026	11/18/19	RANDALL, MATTHEW & AF	(810) 624 6381	58-36-578-001	\$3,500	\$25.00	7306 MILLER RD	48473-Fence
Total:		2 Permits	Value: \$113,500		Fee Total: \$50.00		Total Number of Dwelling Units	0

City of Swartz Creek Building Permit List 2019

Permit No.	Date	Applicant	Phone	Tax ID No.	Value of Const/Permit Fee	Location	Type of Construction
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Permit Total: 28

Value: \$2,525,238

Fee Total: \$12,703.00

Permit.DateIssued Between 11/1/2019 12:00:00
AM AND 11/30/2019 11:59:59 PM

Inspection List

Address	Parcel Number	Inspection Type	Scheduled	Completed	Result
7489 GROVE ST	58-01-100-010	Status	11/04/2019	11/04/2019	Complied
7060 YARMY DR	58-36-526-038	Post Hole	11/04/2019	11/04/2019	Approved
5070 MC LAIN ST	58-02-526-054	Final	11/04/2019	11/04/2019	Approved
4177 MOUNTAIN ASH LN	58-36-529-020	Final	11/04/2019	11/04/2019	Approved
6141 MILLER RD	58-31-527-007	Final	11/04/2019	11/04/2019	Approved
5058 WINSTON DR	58-02-501-071	Status	11/05/2019	11/05/2019	Partially Complied
5153 OAKVIEW DR	58-02-501-099	Site Inspection	11/05/2019	11/05/2019	Violation(s)
8408 MILLER RD	58-35-551-003	Initial	11/05/2019	11/05/2019	Violation(s)
4432 MORRISH RD	58-35-576-003	Initial	11/05/2019	11/05/2019	Violation(s)
5131 HELMSLEY DR	58-03-528-011	Final	11/05/2019	11/05/2019	Approved
5131 HELMSLEY DR	58-03-528-011	Final	11/05/2019	11/05/2019	Approved
5212 GREENLEAF DR	58-03-533-066	Final	11/05/2019	11/05/2019	Approved
8002 MILLER RD	58-35-576-049	Final-Upstairs Apart	11/05/2019	11/05/2019	Approved
5321 DON SHENK DR	58-02-552-014	Initial	11/05/2019	11/05/2019	Violation(s)
5342 DON SHENK DR	58-02-552-004	Final	11/07/2019	11/07/2019	Approved
8002 MILLER RD	58-35-576-049	Final-Downstairs Pu	11/07/2019	11/07/2019	Approved
8228 MILLER RD	58-35-400-007	Underground	11/07/2019	11/07/2019	Approved
8002 MILLER RD	58-35-576-049	Final	11/07/2019	11/07/2019	Approved
4272 LINDSEY DR	58-36-676-069	Final	11/08/2019	11/08/2019	Approved
5058 WINSTON DR	58-02-501-071	Status	11/11/2019	11/11/2019	No Change
5153 OAKVIEW DR	58-02-501-099	Status	11/11/2019	11/11/2019	Partially Complied
4413 MORRISH RD	58-36-300-025	Footing	11/11/2019	11/11/2019	Approved
4297 MAYA LN	58-36-676-022	Final	11/11/2019	11/11/2019	Approved
7060 YARMY DR	58-36-526-038	Final	11/11/2019	11/11/2019	Approved
4272 LINDSEY DR	58-36-676-069	Final	11/12/2019	11/12/2019	Approved
5321 DON SHENK DR	58-02-552-014	Reinspection	11/12/2019	11/12/2019	Complied
8129 INGALLS ST 2	58-02-200-005	Reinspection	11/12/2019	11/12/2019	Complied
5410 DON SHENK DR	58-03-579-002	Reinspection	11/12/2019	11/12/2019	Complied
6273 MILLER RD	58-31-200-017	Final	11/12/2019	11/12/2019	Approved
4141 MORRISH RD	58-36-100-001	Service	11/12/2019	11/12/2019	Approved
7133 BRISTOL RD	58-36-200-023	Reinspection	11/13/2019	11/13/2019	Complied
9044 CHELMSFORD DR	58-03-528-016	Initial	11/13/2019	11/13/2019	Complied
8211 INGALLS ST	58-02-526-025	Initial	11/13/2019	11/13/2019	Complied
5192 GREENLEAF DR	58-03-533-069	Initial	11/13/2019	11/13/2019	Violation(s)
8103 MILLER RD	58-02-528-002	Final	11/14/2019	11/14/2019	Approved
4297 MAYA LN	58-36-676-022	Final	11/14/2019	11/14/2019	Approved

Inspection List

Address	Parcel Number	Inspection Type	Scheduled	Completed	Result
8494 CHESTERFIELD DR	58-02-501-061	Initial	11/18/2019	11/18/2019	Violation(s)
4432 MORRISH RD	58-35-576-003	Reinspection	11/19/2019	11/19/2019	Complied
5125 MC LAIN ST	58-02-526-042	Service	11/19/2019	11/19/2019	Approved
9272 JILL MARIE LN	58-03-534-026	Initial	11/19/2019	11/19/2019	Locked Out
9272 JILL MARIE LN	58-03-534-026	Initial	11/20/2019	11/20/2019	Complied
5093 FAIRCHILD ST	58-02-526-071	Initial	11/20/2019	11/20/2019	Complied
8231 MILLER RD	58-02-526-031	Initial	11/20/2019	11/20/2019	Violation(s)
8247 MILLER RD	58-02-526-061	Initial	11/20/2019	11/20/2019	Locked Out
3259 ELMS RD	58-30-300-001	Footing	11/20/2019	11/20/2019	Approved
3259 ELMS RD	58-30-300-001	Footing	11/20/2019	11/20/2019	Approved
8295 MILLER RD	58-02-526-092	Initial	11/20/2019	11/20/2019	Violation(s)
3259 ELMS RD	58-30-300-001	Footing Steel	11/21/2019	11/21/2019	Approved
3259 ELMS RD	58-30-300-001	Footing Steel	11/21/2019	11/21/2019	Approved
5420 MILLER RD	58-29-551-008	Service	11/21/2019	11/21/2019	Disapproved
8002 MILLER RD	58-35-576-049	Final-Downstairs	11/21/2019	11/21/2019	Approved
7221 BRISTOL RD	58-36-200-020	Basement floor	11/25/2019	11/25/2019	Approved
7221 BRISTOL RD	58-36-200-020	Garage Floor	11/25/2019	11/25/2019	Approved
9087 CHELMSFORD DR	58-03-528-009	Initial	11/25/2019	11/25/2019	Complied
5420 MILLER RD	58-29-551-008	Service-Reinspection	11/25/2019	11/25/2019	Approved
9080 LUEA LN	58-03-626-030	Open Roof	11/25/2019	11/25/2019	Approved
7221 BRISTOL RD	58-36-200-020	Masonry	11/25/2019	11/25/2019	Approved
5019 HAYES ST	58-02-529-006	Status	11/26/2019	11/26/2019	No Change
5058 WINSTON DR	58-02-501-071	Status	11/26/2019	11/26/2019	No Change
5153 OAKVIEW DR	58-02-501-099	Status	11/26/2019	11/26/2019	No Change
9223 HILL RD	58-03-577-002	Citation	11/26/2019	11/26/2019	Violation(s)
6289 BRISTOL RD	58-31-100-035	Citation	11/26/2019	11/26/2019	Violation(s)
8012 MAPLE ST	58-02-530-045	Citation	11/26/2019	11/26/2019	Violation(s)
8295 MILLER RD	58-02-526-092	Reinspection	11/26/2019	11/26/2019	Complied
8002 MILLER RD	58-35-576-049	Final	11/26/2019	11/26/2019	Approved
5235 WORCHESTER DR	58-02-502-034	Initial	11/27/2019	11/27/2019	Complied

Inspections: 66

Population: All Records

Inspection.DateTimeScheduled Between 11/1/2019 12:00:00 AM AND 11/30/2019 11:59:59 PM

Certificates With Inspections

12/03/2019

Certificate Number	Address	Date Applied	Since	Issued	Last Inspection	Expires	Status
CR180011	5410 DON SHENK DR	04/11/2018	04/11/2018	11/12/2019	11/12/2019	11/12/2021	Certified
Reinspection	MATT	Matt Hart	Completed	Complied			
Initial	JKEY	Matt Hart	Completed	Partially Complied			
CR190099	7442 GROVE ST	11/18/2019	11/18/2019	11/18/2019		11/18/2021	Suspended
Initial	JKEY	Matt Hart	Scheduled				
CR190100	9118 LUEA LN	11/19/2019	11/19/2019	11/19/2019		11/19/2021	Suspended
Initial	JKEY	Matt Hart	Scheduled				

Population: All Records

Record Count: 3

Certificate.DateIssued Between 11/1/2019 12:00:00 AM
AND 11/30/2019 11:59:59 PM

Enforcements By Category

12/03/19

BUILDING VIOLATIONS

Enforcement Number	Address	Status	Filed	Closed
E19-094	5153 OAKVIEW DR	Closed	11/05/19	12/02/19
			Total Entries: 1	

RENTAL NON-COMPLIANCE

Enforcement Number	Address	Status	Filed	Closed
E19-095	9223 HILL RD	Ticket Issued	11/13/19	11/26/19
E19-096	6289 BRISTOL RD	Ticket Issued	11/13/19	11/26/19
E19-097	8012 MAPLE ST	Ticket Issued	11/18/19	11/26/19
			Total Entries: 3	

Total Records: 4

Population: All Records

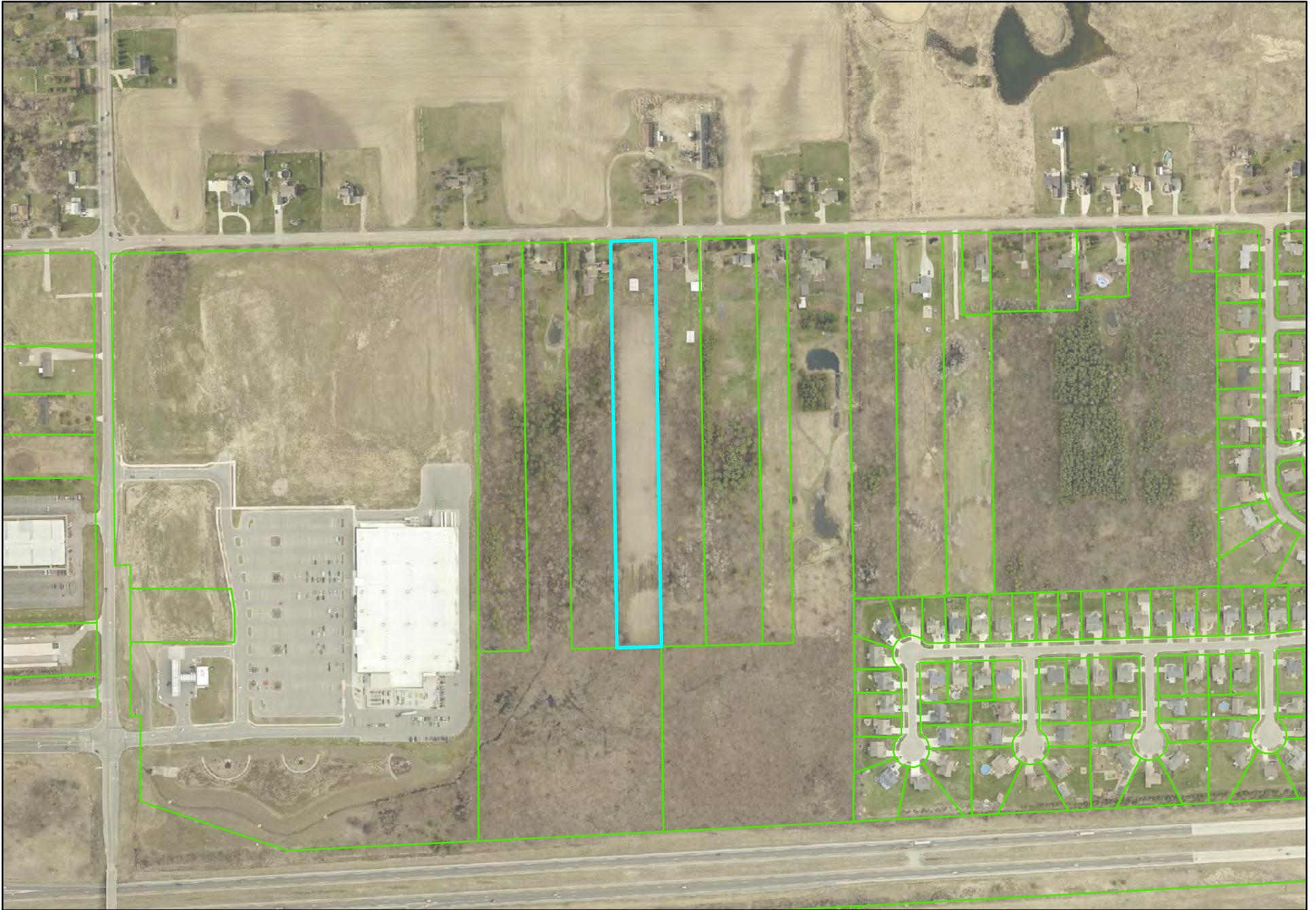
Enforcement.DateFiled Between 11/1/2019 12:00:00 AM AND 11/30/2019 11:5

Adam Zettel

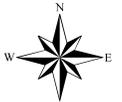
From: ALEX <lexnied@comcast.net>
Sent: Tuesday, November 26, 2019 6:15 AM
To: Adam Zettel
Subject: RE: Burn permit

This is Alex.Niedzielski at 7325 Bristol Road Swartz Creek 48473 I am requesting a burn permit for the weekend of 12 6 2019 the pile is on cement sand it is 400 feet from any building 150 feet for any lot line there are extinguishers also enough water hose to reach the pile Thank you.

Sent from Xfinity Connect Application



7325 Bristol Road
City of Swartz Creek
City Council Packet



December 09, 2019



AGREEMENT FOR JOINT ENGINEERING SERVICES

This is an Agreement for joint services. This Agreement made by and between the Charter Township of Mundy (Mundy) and the City of Swartz Creek (Swartz Creek). The purpose of this Agreement, under Michigan law 124.532, is to reduce costs and expenses for Mundy and Swartz Creek.

Mundy and Swartz Creek have the responsibility, authority, and right to manage and direct on behalf of the public the functions or services performed or exercised to the extent provided in this Agreement.

Swartz Creek shall employ a professional engineer, licensed by the State of Michigan and qualified to perform, including but not limited to, engineering consultation, limited design drafting, and inspections related to township civil infrastructure. **The engineer shall remain an employee of Swartz Creek and not of Mundy Township.** Swartz Creek shall furnish **the use of** the engineer to Mundy, pursuant to the terms below:

1. Mundy shall reimburse Swartz Creek 10% of the Engineer's documented wage and benefits as annualized and billed monthly, plus a 10% multiplier to cover related position training, technology, travel, and other reimbursable items that Swartz Creek will separately provide.
2. Swartz Creek shall make the engineer available four hours each week, based on a schedule agreeable to the Mundy Township Administrator and Swartz Creek City Manager, with allowances for vacations and holidays.
3. Mundy shall have the ability to adjust the work schedule to meet its needs if the engineer does not provide more than 208 hours of direct service in any calendar year or thirty-two hours in any calendar month.
4. Mundy agrees to enable proxy work and limited contact, as approved by the Mundy Township Administrator, during times of scheduled vacation, training, or related events.
5. Additional hours of service can be provided upon request, if agreeable by the Mundy Township Administrator and Swartz Creek City Manager, at the same rate as that billed under term number 1 above.

This Agreement may be terminated by either party on sixty (60) days written notice, without or for any reason. The agreement shall terminate immediately upon separation of the engineer from Swartz Creek. Upon notice of termination, the parties shall conclude all in process activities in honor of this Agreement.

SPECIFIC DUTIES AND RESPONSIBILITES OF ENGINEER

The engineer shall, to the extent permitted by the weekly allotment of time:

1. Provide general engineering consulting services related to public project conceptualization.
2. Provide technical engineering solutions to municipal matters to the extent that municipal survey, software, and expertise enable.
3. Assist with the development of asset management plans for facilities and fleet.
4. Assist with the development and implementation of the capital improvement plans.
5. Oversee preparation of plans, specifications, and bidding of public improvement projects.
6. Inspect and approve the work of public contractors, including public construction, maintenance, and service work.
7. Review all land use applications for impact on public facilities and services; provide comments and recommendations to Planning Commission as needed.
8. Provide related assistance as agreeable by Swartz Creek, Mundy, and the Engineer.

THE CHARTER TOWNSHIP OF MUNDY

THE CITY OF SWARTZ CREEK

By: Joseph Oskey, Supervisor

By: DAVID KRUEGER, Mayor

Dated: _____

Dated: _____

**AGREEMENT
BETWEEN
METRO POLICE AUTHORITY OF GENESEE COUNTY, THE CHARTER
TOWNSHIP OF MUNDY, AND THE CITY OF SWARTZ CREEK
REGARDING POLICE PROTECTION UNITS**

THIS AGREEMENT is made and effective this 1st day of November 2019 by and between the METRO POLICE AUTHORITY OF GENESEE COUNTY (“Authority”), with principal offices at 5420 Hill 23 Drive, Flint, MI 49507, the CHARTER TOWNSHIP OF MUNDY (“Township”), with principal offices at 3478 Mundy Avenue, Swartz Creek, Michigan 48473, and the CITY OF SWARTZ CREEK (“City”), with principal offices at 8083 Civic Drive, Swartz Creek, MI 48473. The Authority, Township and City are hereinafter collectively referred to as the “Parties.”

WHEREAS, the City and the Charter Township of Mundy (“Mundy”) entered into an Interlocal Agreement to create Authority to provide police services to both the City and the Township (“Interlocal Agreement”);

WHEREAS, the Authority currently provides police services to the Township and City for the benefit of the general public;

WHEREAS, the Article VI, Section 6.02 of the Interlocal Agreement provides in part that states that the Parties shall execute an agreement that provides for the funding of the Authority;

WHEREAS, pursuant to Article VI, Section 6.02 of the Interlocal Agreement, the Parties hereto desire to execute this Agreement to set forth how the Authority will be funded;

NOW, THEREFORE, in consideration and of the mutual covenants and promises herein contained, it is agreed by and between the Parties as follows:

Section 1: Adoption of Recitals. All of the matters stated in the recitals of this Agreement are true and correct and are hereby incorporated into the body of this Agreement as through fully set forth in their entirety herein, provided that in cases of conflict, provisions of this Agreement other than matters stated in the recitals shall control over matters stated in the recitals.

Section 2: Police Protection Unit (“PPU”).

a. Current PPU Cost. A PPU is defined as one hour of protection, which is a combination of the expenses associated with operating the Authority, including, but not limited to, officer time, administrative time, community safety time, and overhead.

b. Outlier Events. Even though the Authority works diligently to keep the cost of the PPU reasonable, outlier events may have a significant impact on the expenses of the Authority. An outlier event is an event or incident that requires multiple officers over a significant time, including, but not limited to, crime and disorder events and man-made and natural disasters to name a few (“Outlier Event”). If an Outlier occurs, the municipality where the Outlier Event is located will be invoiced upon the approval of the Authority Board for the additional expenses needed to handle the Outlier Event.

c. 2019-2020 PPU Contracted Hours. For the Authority's Fiscal Year beginning January 1, 2020, the estimated PPUs per week that the City will require is 201.5 and the estimated PPUs per week that the Township will require is 470.4 PPUs as set forth in Exhibit 1, attached hereto and incorporated herein.

d. PPU Tracking. The Authority shall develop a method of tracking PPUs per fiscal year by municipality. The City or the Township may request the Authority to provide the number of PPUs applicable to its respective municipality. Upon request, the Authority shall have a minimum of 30 days to provide the number of PPUs that the Authority has worked in the municipality for that fiscal year. As technology and records management systems may change, the Authority shall have sole discretion as to the mechanism utilized for the calculation and reporting of PPUs. **The Authority shall provide, at least quarterly, documentation to indicate actual PPUs provided for each municipality.**

e. Future Fiscal Year PPU Costs. Prior to October 1, 2020 and prior to October 1 each year thereafter, or other date mutually agreed to by the Parties, the Authority Board shall evaluate the PPU cost based upon any increases in the items included in officer time, administrative time, community safety time, and overhead that are set forth in Exhibit 1, attached hereto. During the month of October, a representative from the Authority shall meet with the representatives of the City and Township to review any increases in the PPU cost and the estimated number of PPUs that will be allocated to the City and Township based upon prior year(s) PPUs, upcoming events during the next Authority's fiscal year, and any other item that may effect the expenditures of the Authority. Thereafter, the Authority shall transmit to the Township and the City its anticipated cost for the Authority's upcoming fiscal year, not including Outlier events.

Section 3: Payment. All payments due pursuant to the Interlocal Agreement and this Agreement shall continue to be paid on the dates and times as established between the Parties. The Parties reserve the right to amend the dates and times of these payments upon mutual agreement. **Each municipality reserves the right to meet with the Authority to conduct a review to ensure the municipality is receiving services due to the municipality in accordance with the established PPU structure.**

Section 4: Breach of Agreement. If the City or the Township breaches this Agreement, then either party may terminate this Agreement upon 30 days written notice, provided, however, that the breaching party shall have 15 days to cure the alleged breach after receiving the written notice to terminate.

Section 5: Interpretation. For purposes of interpretation of this Agreement, the City, the Township, or the Authority shall be deemed to have been the drafter of this Agreement.

Section 6: Construction. This Agreement has been prepared and negotiations have occurred in connection with said preparation pursuant to the joint efforts of the Parties hereto. This Agreement therefore shall not be construed against any party to this Agreement.

Section 7: Modification. This Agreement shall not be modified, altered, or amended except through a written amendment signed by the City, the Township, and the Authority.

Section 8: No Third-Party Beneficiaries. This Agreement is not intended to confer upon any person or entity, other than the Parties hereto, any rights or remedies of any kind or nature whatsoever.

Section 9: Captions and Bylines. The captions and bylines used in this Agreement are for the convenience of reference only and in no way define, limit or describe the scope of intent of any provision of this Agreement.

Section 10: Addresses and Notice. Unless otherwise provided herein, any notice, communication, request, reply or advice (herein severally and collectively, for convenience, called “Notice”) herein provided or permitted to be given, made or accepted by any party to any other party must be in writing and may be given or be served by depositing the same in the United States mail postpaid and registered or certified and addressed to the party to be notified, with return receipt requested, or by delivering the same to an officer of such party addressed to the party to be notified. Notice deposited in the mail in the manner described above shall be conclusively deemed to be effective, unless otherwise stated herein, from and after the expiration of three (3) days after it is so deposited. Notice given in any other manner shall be effective only if and when received by the party to be notified. For the purposes of notice, the addresses of the parties shall, until changed as hereinafter provided, be as follows:

If to Authority:

Metro Police Authority of Genesee County
Attn: Chief of Police
5420 Hill 23 Drive
Flint, MI 49507

If to the Township:

The Charter Township of Mundy
Attn: Township Manager
3478 Mundy Avenue
Swartz Creek, Michigan 48473

If to City:

City of Swartz Creek
Attn: City Manager
8083 Civic Drive
Swartz Creek, MI 48473

The Parties hereto shall have the right from time to time and at any time to change their respective addresses and each shall have the right to specify as its address any other address by at least fifteen (15) days written notice to the other party hereto.

Section 11. Term. This Agreement shall remain in full force and effect for the same term as the Interlocal Agreement. However, the Township or the City may terminate its duties herein by withdrawing from the Authority pursuant to the procedure established in the Interlocal Agreement.

IN WITNESS WHEREOF, the Parties hereto acting under authority of their respective governing bodies have caused this Agreement to be duly executed in several counterparts, each of which shall constitute an original, all as of the day and year first above written, which is the Agreement Date.

THE TOWNSHIP

By: _____

ATTEST:

THE CITY

By: _____

ATTEST:

THE AUTHORITY

By: _____

ATTEST:

Prepared by and Approved as to Form for the Authority by:
McGraw Morris P.C.
Attorney Kevin Kilby
2075 West Big Beaver Road
Suite 750
Troy, Michigan 48084
(248) 502-4000

Approved as to Form for the Township by:
Attorney F. Jack Belzer
3153 W. Hill Road
Flint, Michigan 48507

Approved as to Form for the City by:
Simen Figura & Parker PLC
Attorney Michael J. Gildner
5206 Gateway Ctr
Suite 200
Flint, Michigan 48507
(810) 235-900

City of Swartz Creek Sewer Capacity Analysis

November 27, 2019

18C0276



Prepared By:



ROWE PROFESSIONAL
SERVICES COMPANY

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1. Swartz Creek Sanitary Sewer District Map

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1. District 1 Dry Weather Flow
2. District 2 Dry Weather Flow
3. District 3 Dry Weather Flow
4. District 4 Dry Weather Flow

Appendix C: Estimated Rainfall Produced Flow

1. District 1 Estimated Rainfall Produced Flow
2. District 2 Estimated Rainfall Produced Flow
3. District 3 Estimated Rainfall Produced Flow
4. District 4 Estimated Rainfall Produced Flow

Appendix D: Estimated Remaining Buildout REUs

1. Method Used to Calculate the Estimated Remaining Buildout REUs

ACRONYMS

EGLE	Michigan Department of Environment, Great Lakes, and Energy
EPA	Environmental Protection Agency
GCDC-WWS	Genesee County Drain Commissioner - Water and Waste Services
gpm	gallons per minute
I/I	Infiltration/Inflow (of storm and ground water into the sanitary sewer)
REU	Residential Equivalent Unit (315 gallons per capita per day)

EXECUTIVE SUMMARY

Key components of the sanitary sewer system have been analyzed to determine if they are adequate to meet the city's current and future needs. Meter records have been reviewed and analyzed to provide a summary of current dry weather and estimate peak wet weather flow. See Appendix A for a map of the city's districts.

A. Results

1. The conclusions for sanitary sewer capacity in Section II include:
 - a. District 1 has an estimated remaining available capacity of 376 REUs. Based on the current future land use of undeveloped land, there is an estimated future buildout of 292 REUs. This could leave as many as 44 Residential Equivalent Units (REUs) of remaining capacity after buildout.
 - b. District 2 has an estimated remaining available capacity of 173 REUs. Based on the current future land use of undeveloped land, there is an estimated future buildout of 73 REUs. This could leave as many as 97 REUs of remaining capacity after buildout.
 - c. District 3 provides sanitary service to the central portion of the City of Swartz Creek, this includes Apple Creek Apartments, Spring Brook Condominiums, and the houses and churches along Miller Road. This district has a capacity of 392 REUs but has a total of 453.5 REUs plus any infiltration/inflow (I/I) in the district. District 3 does not have the capacity for future development. This is based on the flow of the 8-inch sanitary sewer down Raubinger Road before it enters the 30-inch interceptor owned by the Genesee County Drain Commissioner. The 25-year storm was used as the limiting storm event, as the Michigan Department of Environment, Great Lakes, and Energy (EGLE) prohibits sewer overflows for storm events less than the 25-year storm. There is also an estimated 48 REUs of vacant developable property remaining in District 3. Proposed improvements to District 3 to provide adequate capacity are discussed in Section B.
 - d. District 4 has an estimated remaining available capacity of 440 REUs. Based on the current future land use of undeveloped land, there is an estimated future buildout of 50 REUs. This could leave as many as 390 REUs of remaining capacity after buildout. However, the Sports Creek Raceway (109 acres) is in this district and could be redeveloped using some of the remaining 390 REUs.
2. The conclusions for I/I within the sanitary sewer system in Section III include:
 - a. District 4 has the most I/I out of the metered districts with a ratio of 13.5 from the peak dry weather flow to the estimated flow during 25-year storm event.
 - b. There is I/I throughout the system.
 - c. The metering data clearly indicates significant flow entering the sanitary sewer system during wet weather flows. (See Table III-1 for I/I within each district.)

- d. Provides a starting point of how and where to attack the I/I problems within the city. Additional metering, dye testing, smoke testing, and in-home plumbing inspections are recommended to reduce the I/I.
- e. Wet weather flow reduction will be necessary to avoid potential future surcharges or penalties from the Genesee County Drain Commissioner - Water and Waste Services (GCDC-WWS).

B. Recommendations

The following are general recommendations for developing a program for additional capacity in District 3 and the reduction of excess wet weather flows:

1. Of the four metered districts, District 3 is the only one that does not have the capacity to pass a 25-year/24-hour storm event. It is recommended to increase Districts 3's capacity by increasing the pipe size from the county interceptor upstream as determined by further flow metering. Although reducing the I/I will help, the current REU's theoretical peak flow already exceeds the existing 8-inch pipe's capacity, so there will need to be additional flow metering at upstream branches to confirm where the pipe increase extent is needed.
2. Acquire at least one meter and position the meter in areas of interest for continued data. The longer districts are metered, the higher the accuracy for estimating remaining pipe capacity.
3. Continue a scheduled program of inspecting all of the city's sanitary manholes and sealing or replacing any leaking manholes.
4. Perform dye testing, smoke testing, and in-house plumbing inspection to narrow down areas of I/I.
5. Televiser sewer lines where capacity is limited and I/I is extraneous.
6. Where the sewer is near or over capacity during a 25-year storm, replace sanitary sewer with a larger pipe, analyze relief sewer possibilities, or contract with a company to line the sewers.
7. Give future developers the option of replacing existing sewers where needed in order to meet the service needs required for their proposed development.
8. Reduce I/I to increase capacity and decrease the likelihood of sewer overflows.
9. Removal of I/I would involve a program to remove I/I from the public sewer with inspection of private property to determine whether footing drains are tied into sanitary sewer.
10. Continue close inspection of all new facilities/developments to minimize possible I/I of new construction.
11. Continued metering to support the policy of no net increase of flow as the city system grows due to the development of vacant land.

I. SCOPE AND PURPOSE OF EVALUATION

The previous study was completed in 2005. Four (4) of the 13 districts had changed since this study or were close to their capacity. This study was performed to verify if the changes made a large difference to the districts or if any of the districts become over capacity. The remaining nine districts showed excess capacity or no change, therefore will not be studied at this time.

Four meters were placed within the City of Swartz Creek at strategic positions to obtain an actual measurement of the system's sewer capacity and magnitude of rainfall-induced I/I ongoing within the wastewater collection system (see Appendix A). The city is broken into 13 districts with Districts 1 through 4 being metered. Rainfall information was gathered from the GCD-C-WWS rainfall gauge that is in Flushing Township which is continuously at this location and collects rain data electronically. Over the metering period, six storms occurred, ranging from 0.11 to 1.69 inches. All data was collected in the time period between January and July of 2019.

In 1999, the Environmental Protection Agency (EPA) began developing guidelines for assuring that the sanitary sewer systems in communities across the country are adequate to meet the needs now and in the future. The elimination of sanitary sewer overflows has become one of the primary goals of both the EPA and the EGLE. Communities experiencing sanitary sewer overflows will be required to develop a plan for addressing the problem. Additionally, the EGLE has begun requiring that the sewers downstream of proposed new sewers be analyzed to demonstrate that sufficient capacity exists before a construction permit for the new sewer is issued.

The sanitary sewer evaluation was completed with two goals in mind:

1. Capacity of Sanitary Sewer System
 - Determine available capacity of the existing system Districts 1 through 4 and compare metered flows versus theoretical flows.
 - Verify whether the existing sewers in these districts have the necessary capacity to handle the new developments within the city that may be proposed in the future, as the city has a significant amount of vacant land.
2. Extent of I/I Present within the System
 - Determine the location and extent of I/I within the system. Although it is the intent that sanitary sewers transport only wastewater, many systems are susceptible to flows from other sources. During wet weather, storm water runoff can enter a sewer system through leaks or illicit connections. In some areas, wet weather flows can increase sewer flows substantially, exceeding the capacity of the sewer.

II. CAPACITY ANALYSIS

The City of Swartz Creek was broken down into 13 sewer districts, each district has a tie-in point to the Genesee County Interceptor (see Appendix A). Four of the 13 districts were metered at strategic locations within the city based on the possibility of future growth and I/I related issues. Theoretical flow was computed for the metered district based on the number of REUs entering the district. One REU is equivalent to 315 gallons per capita day, which is based on the average residence containing 3.5 people that contribute 90 gallons to the system per day (per Genesee County Drain Commissioner Standards).

The capacity of an existing sewer is determined by using the Manning's Formula. Table II-1 displays the existing pipe capacities. The capacity of certain diameter of sewer is based upon the assumption that the sewer was placed at the minimum slope allowed by the EGLE, which is common engineering practice. Standard capacity analysis of sanitary sewer requires a peak factor to be computed which is the ratio of the peak hourly flow to the average day flow. The peak factor is based on population and, for this study, a peak factor of 4 has been used. The theoretical peak capacity is calculated by converting capacity in gallons per minute (gpm) to REU as described above, then dividing by the peak factor of 4.

Table II-1: Theoretical Pipe Capacity

Outlet Pipe Diameter Inches/District	Pipe Slope (%)	Capacity (gpm)	Theoretical Peak Capacity (REU)
8" – District 3	0.40	343	392
10" – Districts 2 and 4	0.28	520	594
15" – District 1	0.15	1,125	1,286

The available capacity of the sewer is compared against dry weather flows and wet weather flows during a 25-year storm event. The 25-year storm was used as the limiting event as the EGLE prohibits sewer overflows for storms of the magnitude of a 25-year storm or less.

Table II-2 displays sewer pipe capacity, theoretical flow, observed dry weather flow, and the estimated flow generated by a 25-year storm event for each metered district. The estimated 25-year storm event flow per district was calculated by a Regression Analysis which is a statistical function for predicting flows based on metered data (see Section IV for the Regression Analysis).

Table II-2: Estimated Remaining Pipe Capacity

<i>District Number</i>	<i>Pipe Capacity (gpm)</i>	<i>Theoretical Flow (gpm)</i>	<i>Observed Dry Weather Flow (gpm)</i>	<i>Estimated 25-Year Storm Event Flow (gpm)</i>	<i>Estimated Remaining Available Capacity (REU)</i>	<i>Estimated Remaining Buildout (REU)</i>
1	1,125	86	77	793	376	332
2	520	94	57	369	173	76
3	343	99	103	552	0	48
4	520	17	6	135	440	49

The estimated remaining available capacity as shown above in Table II-2 displays the number of REUs available to each metered district based on difference of the pipe capacity to the estimated 25-year storm event flow. The estimated remaining buildout is based on the current future land use of undeveloped land by estimating the REU per acre for each land use. See Appendix D for remaining buildout calculations.

In review of each metered district, there is available capacity with the exception of District 3. District 3 involves the central portion of the City of Swartz Creek, this includes Apple Creek Apartments, Spring Brook Condominiums, and the houses and churches along Miller Road. Based upon metered data and the estimated I/I involved in a 25-year storm, District 3 does not have any excess capacity for future development, nor under existing conditions.

Table II-3 through Table II-6 summarize how the REUs were obtained per district and the theoretical flow produced.

Table II-3: District 1 Theoretical Flow Summary

Current User	Usage Type	REUs	Theoretical Flow (gpd)	Theoretical Flow (gpm)	Comments/ Assumption
Heritage Houses	House	80	25,200	17.5	
Houses on Bristol Road	House	30	9,450	6.6	
Houses on Miller Road	House	29	9,135	6.3	
El Potrero Mexican Restaurant	Restaurant	16	5,040	3.5	Assume 100 seats
Swartz Creek Office Park	Office	6.3	1,985	1.4	Assume 1,750 sft per building
Cornerstone Baptist Church	Church	10	3,150	2.2	Assume 1,000 seats
LJ Inc	Factory	14	4,410	3.1	Assume 28,000 sft
Heritage Plaza	Strip Mall	6	1,890	1.3	
GM Facility	Factory	200	63,000	43.8	Based on Water Billing
DISTRICT 1 TOTAL		391	123,260	86	

Table II-4: District 2 Theoretical Flow Summary

Current User	Usage Type	REUs	Theoretical Flow (gpd)	Theoretical Flow (gpm)	Comments/ Assumption
Parkridge Parkway	House	92	28,980	20.1	
Yarmy Drive/ Jennie Lane/ Abbey Lane	House	58	18,270	12.7	
Houses on Bristol Road	House	19	5,985	4.2	
Houses on Elms Road	House	47	14,805	10.3	
Houses on Miller Road	House	26	8,190	5.7	
Springbrook East	House	35	11,025	7.7	
Elms Road Elementary School	School	30	9,450	6.6	Assume 20 classrooms
Macedonia Baptist Church	Church	1	315	0.2	Assume 100 seats
McDonald's	Restaurant	8	2,520	1.8	Assume 50 seats
Arby's	Restaurant	4.8	1,512	1.1	Assume 30 seats
Burger King	Restaurant	4.8	1,512	1.1	Assume 30 seats
KFC	Restaurant	4.8	1,512	1.1	Assume 30 seats
Taco Bell	Restaurant	4.8	1,512	1.1	Assume 30 seats
Wendy's	Restaurant	4.8	1,512	1.1	Assume 30 seats
O'Reilly Auto Parts	Retail	1	315	0.2	Assume 5 employees
Family Farm & Home	Retail	2	630	0.4	Assume 10 employees
Financial Plus Credit Union	Office	1.5	473	0.3	
Kroger Strip Mall	Strip Mall	6	1,890	1.3	
Kroger	Grocery Store	55	17,325	12.0	
Springvale Assisted Living	Assisted Living	24	7,560	5.3	
DISTRICT 2 TOTAL		430	135,293	94	

Table II-5: District 3 Theoretical Flow Summary

Current User	Usage Type	REUs	Theoretical Flow (gpd)	Theoretical Flow (gpm)	Comments/ Assumption
Apple Creek Apts	Multi-Fam	176	55,440	38.5	
Spring Brook West	Condo	175	55,125	38.3	
Spring Brook East	Condo	38	11,970	8.3	
Houses on Miller Road	House	24	7,560	5.3	
Houses on Raubinger Road	House	3	945	0.7	
Raubinger Apts	Multi-Fam	20	6,300	4.4	
Masonic Temple	Church	2.5	788	0.5	Assumed 250 seats
United Methodist Church	Church	10	3,150	2.2	Assumed 1,000 seats
The Sanctuary	Church	5	1,575	1.1	Assumed 500 seats
DISTRICT 3 TOTAL		454	142,853	99	

Table II-6: District 4 Theoretical Flow Summary

Current User	Usage Type	REUs	Theoretical Flow (gpd)	Theoretical Flow (gpm)	Comments/ Assumption
Houses on Wade Street	House	4	1,260	0.9	
Waddill Auto Repair	Auto Dealer	1.4	441	0.3	Assume 3,500 sft
Houses on 1st Street	House	8	2,520	1.8	
MCKEE Apts	Multi-Family	5	1,575	1.1	
Office Building	Office	1.2	378	0.3	Assume 2,000 sft
Hungry Howie's	Carry Out	2	630	0.4	
Lasers Flower Shop	Retail	0.6	189	0.1	Assume 3 employees
Hank & Don's Tavern	Restaurant	4.8	1,512	1.1	Assume 30 seats
Ken's Barber Shop	Barber	0.8	252	0.2	Assume 10 chairs
JT's Country Kitchen	Restaurant	4.8	1,512	1.1	Assume 30 seats

Table II-6: District 4 Theoretical Flow Summary

Current User	Usage Type	REUs	Theoretical Flow (gpd)	Theoretical Flow (gpm)	Comments/ Assumption
Uniquely U Salon and Spa	Spa	1.5	473	0.3	Assume 5 booths
Fortinos Food Market	Grocery Store	3.3	1,040	0.7	Assume 3,000 sft
Sherman Heating & Cooling	Warehouse	0.5	158	0.1	Assume 4,500 sft
Nail Shop	Nail Salon	0.9	284	0.2	Assume 3 booths
Gateway Dental	Office	0.9	284	0.2	Assume 1,500 sft
Sugar & Spice Daycare	Daycare	3	945	0.7	Assume 2 classrooms
Family Worship	Church	1	315	0.2	Assume 100 seats
Tri-City Medical Center	Office	3	945	0.7	Assume 5,000 sft
St. Mary Queen of Angels	Church	7.5	2,363	1.6	Assume 750 seats
Mobil	Gas Station	2.4	756	0.5	Assume 8 pumps
Houses on Morrish Road	House	22	6,930	4.8	
DISTRICT 4 TOTAL		79	24,762	17	

III. INFLOW/INFILTRATION (I/I) ANALYSIS

As discussed earlier in the report, four districts were metered at strategic locations within the City of Swartz Creek, based on the possibility of I/I related issues. Since the Clean Water Act in 1972, I/I has been a major issue with wastewater collection systems. Infiltration is groundwater entering the sewer system through a variety of sources such as pipe joints, damaged pipe sections, manholes, service laterals, root intrusions, etc. Inflow is surface water that enters the sewer system via direct connections such as roof gutters, sump pumps, foundation drains, and manhole defects where manholes are located in ditch lines.

I/I exists in all sanitary sewer collection systems. Pipe material used in construction and the practices used in construction are key elements affecting I/I within the city's system. Older sewers constructed without the benefit of newer pipe materials and gaskets generally allow higher I/I.

Past construction practices allowed footing drains, gutters, storm sewer, and sump pumps to connect to the sanitary sewer system. Current practice prohibits these connections to the sanitary sewer and the City of Swartz Creek has implemented homeowner policies to disconnect these illicit connections; however, inspection and removal has been a constant struggle for the city.

The first step in determining the amount of I/I within the four metered districts was to plot dry weather sanitary sewer flows versus time. Dry weather flow is defined as a seven-day average where no precipitation occurred. Appendix B shows dry weather flow during the dry seven-day period from March 23rd to the 29th. This dry weather flow becomes the baseline to use to compare the system against wet weather flow.

During the metering process, six sizeable storms occurred to produce the data suitable to compute the amount of I/I within the four districts. The EGLE prohibits sanitary sewer overflows during rain events of a lesser magnitude than the 25-year storm. During the six months of metering, no storm occurred that had the magnitude of a 25-year storm. Therefore, a regression analysis based on collected data was performed to predict the sewer flows within the system during a 25-, 50-, and 100-year storm.

Table III-1 displays sewer pipe capacity, observed dry weather flow, observed peak dry weather flow, and the flow generated by a 25-year storm event for each metered district. The wet weather ratio is the ratio of the observed peak dry weather flow to the estimated flow during 25-year storm event.

Table III-1: Theoretical Peaking Factor Summary

<i>District Number</i>	Pipe Capacity (gpm)	Observed Dry Weather Flow (gpm)	Observed Peak Dry Weather Flow (gpm)	Estimated Flow During 25 Year Storm Event (gpm)	Wet Weather Ratio
1	1,125	77	154	793	5.1
2	520	57	80	369	4.6
3	343	103	134	552	4.1
4	520	6	10	135	13.5

In review of each metered district, there is a high wet weather ratio in District 4. District 4 involves the central portion of the City of Swartz Creek and primarily includes the mainline sewer along Morrish Road as well we the raceway. Although District 4 has excess capacity even with the high I/I, it is recommended that District 4 should be televised to determine the sources of the I/I in case District 4 was to become further developed.

IV. RAINFALL EVENTS AND REGRESSION ANALYSIS

The metered data collected for sanitary sewer flow was compared versus rainfall data collected. Six rainfall events for which rainfall and flow data was collected were selected for developing a graphical/mathematical relationship using statistical regression techniques in order to project the flow that would be produced from a 25-year storm event.

Table IV-1 through Table IV-4 displays the six significant storm events for the four districts that were metered. Data for the six storms was collected and analyzed to compute the I/I based on a certain rainfall. A regression analysis was then utilized to compute the predicted flow for a 25-year, 50-year and 100-year storm event. Appendix C shows the graph of the data and how the sanitary sewer flow

was predicted for the 25-, 50-, and 100-year storm for each district. All six of the storm events were plotted and analyzed statistically to predict the 25-, 50-, and 100-year sanitary sewer flows.

Table IV-1: District 1 Estimated Peak Flow

Date	Dry Weather Flow (gpm)	Rain (in)	Observed Total Flow (gpm)	Observed Rain Induced Flow (gpm)	Regression Analysis Rain Induced Flow (gpm)	Estimate Peaked Total Flow (gpm)
6/10/19	77	1.69	297.0	220.0	215.4	292.4
6/20/19	77	1.47	256.7	179.7	180.5	257.5
4/20/19	77	0.32	205.6	128.6	90.0	167.0
6/1/19	77	0.98	186.0	109.0	123.2	200.2
3/14/19	77	0.56	169.1	92.1	96.2	173.2
6/24/19	77	0.11	143.1	66.1	90.1	167.1
25-YR	77	3.5			715.7	792.7
50-YR	77	4			921.1	998.1
100-YR	77	4.8			1,310.2	1,387.2

Table IV-2: District 2 Estimated Peak Flow

Date	Dry Weather Flow (gpm)	Rain (in)	Observed Total Flow (gpm)	Observed Rain Induced Flow (gpm)	Regression Analysis Rain Induced Flow (gpm)	Estimate Peaked Total Flow (gpm)
6/10/19	57	1.69	256.23	199.23	184.0	241.0
3/14/19	57	0.56	229.78	172.78	132.3	189.3
6/20/19	57	1.47	212.68	155.68	172.5	229.5
6/1/19	57	0.98	193.79	136.79	149.5	206.5
4/20/19	57	0.39	170.75	113.75	125.9	182.9
6/24/19	57	0.11	166.99	109.99	116.0	173.0
25-YR	57	3.5			312.1	369.1
50-YR	57	4			361.2	418.2
100-YR	57	4.8			456.3	513.3

Table IV-3: District 3 Estimated Peak Flow

Date	Dry Weather Flow (gpm)	Rain (in)	Observed Total Flow (gpm)	Observed Rain Induced Flow (gpm)	Regression Analysis Rain Induced Flow (gpm)	Estimate Peaked Total Flow (gpm)
6/10/19	103	1.69	255.76	152.8	128.0	231.0
3/14/19	103	0.56	205.25	102.3	79.0	182.0
6/1/19	103	0.98	189.38	86.4	84.2	187.2
6/24/19	103	0.11	187.46	84.5	90.4	193.4
4/20/19	103	0.32	178.33	75.3	82.9	185.9
6/20/19	103	1.47	176.04	73.0	109.7	212.7
25-YR	103	3.5			437.8	540.8
50-YR	103	4			573.6	676.6
100-YR	103	4.8			836.1	939.1

Table IV-4: District 4 Estimated Peak Flow

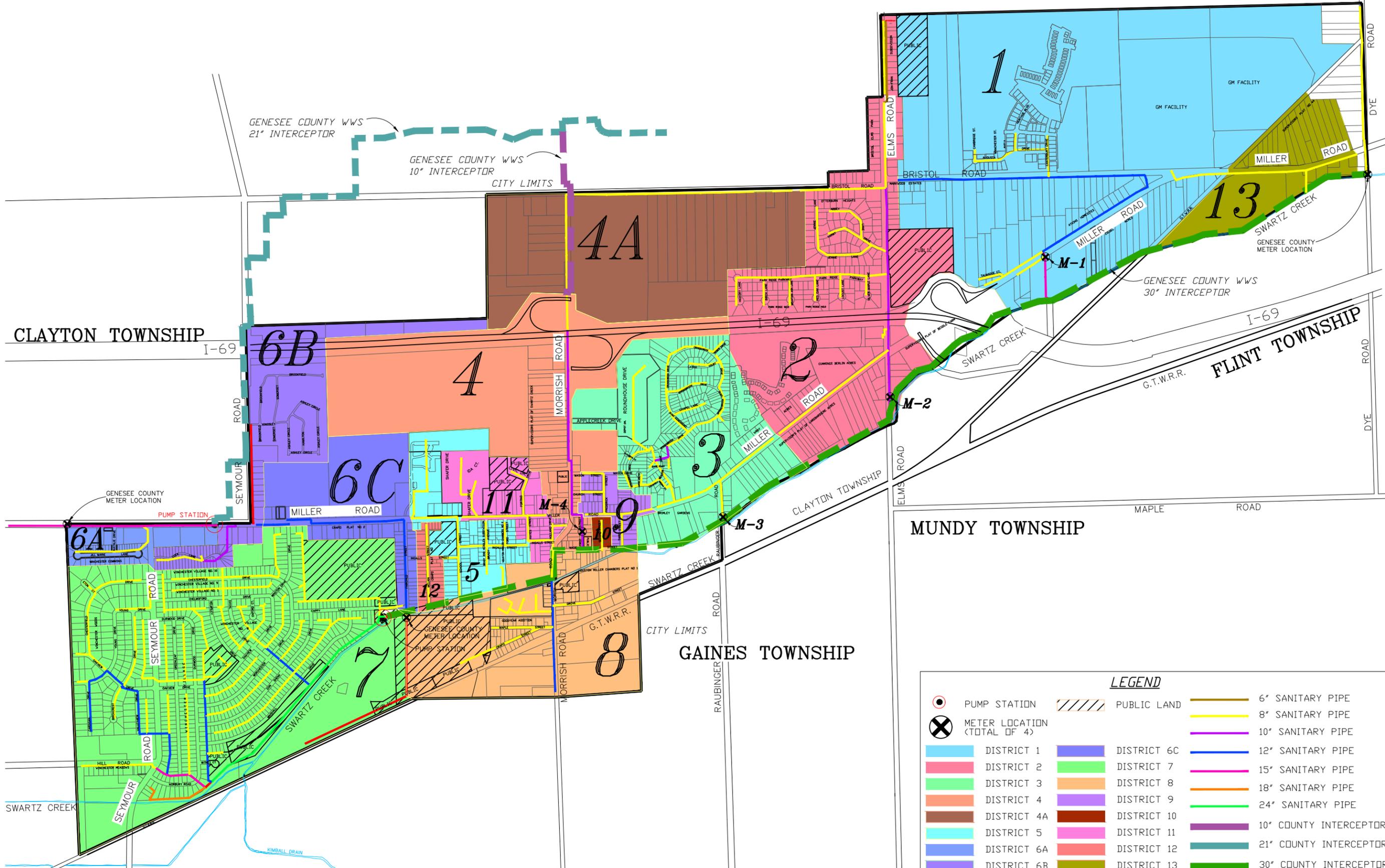
Date	Dry Weather Flow (gpm)	Rain (in)	Observed Total Flow (gpm)	Observed Rain Induced Flow (gpm)	Regression Analysis Rain Induced Flow (gpm)	Estimate Peaked Total Flow (gpm)
6/10/19	6	1.69	75.75	69.8	59.2	74.2
3/14/19	6	0.56	59.13	53.1	36.3	51.3
6/1/19	6	0.98	52.27	46.3	43.0	58.0
6/20/19	6	1.47	43.08	37.1	53.5	68.5
6/24/19	6	0.11	36.2	30.2	31.5	37.5
4/20/19	6	0.47	28.2	22.2	35.1	41.1
25-YR	6	3.5			128.5	143.5
50-YR	6	4			154.7	169.7
100-YR	6	4.8			203.0	218.0

Appendix A: Sewer District Map

1. Swartz Creek Sanitary Sewer District Map



SWARTZ CREEK SANITARY SEWER ANALYSIS



LEGEND

	PUMP STATION		PUBLIC LAND		6" SANITARY PIPE
	METER LOCATION (TOTAL OF 4)		DISTRICT 6C		8" SANITARY PIPE
	DISTRICT 1		DISTRICT 7		10" SANITARY PIPE
	DISTRICT 2		DISTRICT 8		12" SANITARY PIPE
	DISTRICT 3		DISTRICT 9		15" SANITARY PIPE
	DISTRICT 4		DISTRICT 10		18" SANITARY PIPE
	DISTRICT 4A		DISTRICT 11		24" SANITARY PIPE
	DISTRICT 5		DISTRICT 12		10" COUNTY INTERCEPTOR
	DISTRICT 6A		DISTRICT 13		21" COUNTY INTERCEPTOR
	DISTRICT 6B				30" COUNTY INTERCEPTOR

CLAYTON TOWNSHIP

CLAYTON TOWNSHIP

MUNDY TOWNSHIP

GAINES TOWNSHIP

FLINT TOWNSHIP

GENESEE COUNTY WWS
21" INTERCEPTOR

GENESEE COUNTY WWS
10" INTERCEPTOR

GENESEE COUNTY WWS
30" INTERCEPTOR

GENESEE COUNTY
METER LOCATION

GENESEE COUNTY
METER LOCATION

GENESEE COUNTY
METER LOCATION

PLAN DATE: NOVEMBER, 2019
 PROJECT MGR: JTW
 REVIEWER:
 SCALE: NOT TO SCALE

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CITY OF SWARTZ CREEK
 SEWER CAPACITY ANALYSIS

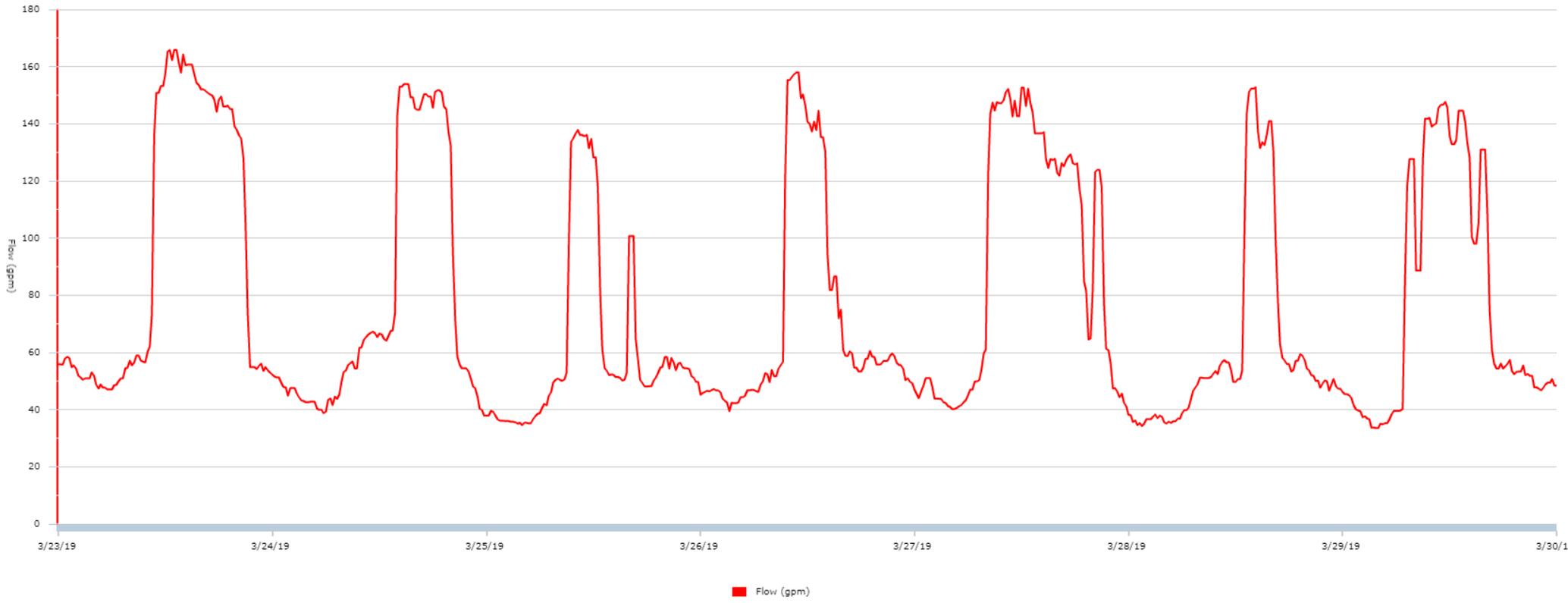
DISTRICT MAP

REV:
 December 09, 2019
 1 OF 1
 JOB No: 18C0276

Appendix B: District Dry Weather Flow

1. District 1 Dry Weather Flow
2. District 2 Dry Weather Flow
3. District 3 Dry Weather Flow
4. District 4 Dry Weather Flow

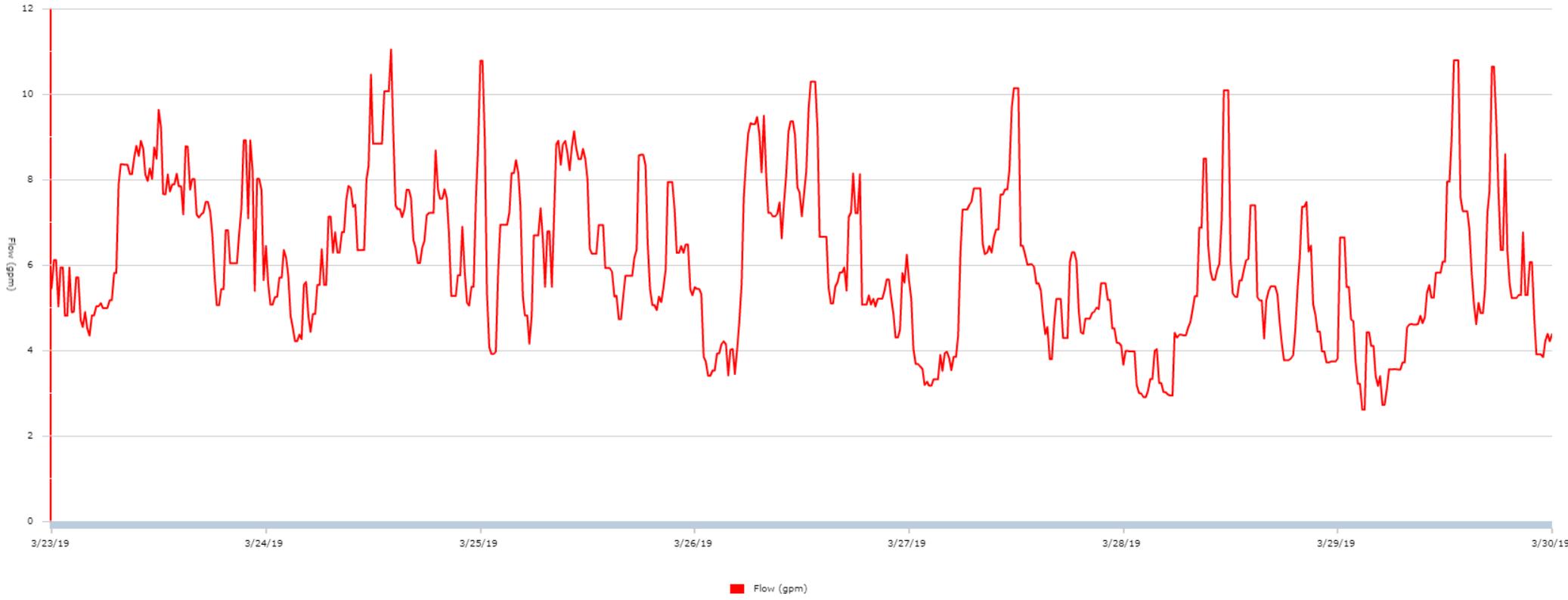
SC Meter 1
6299 Miller Rd



SC Meter 2
4325 Elms Rd



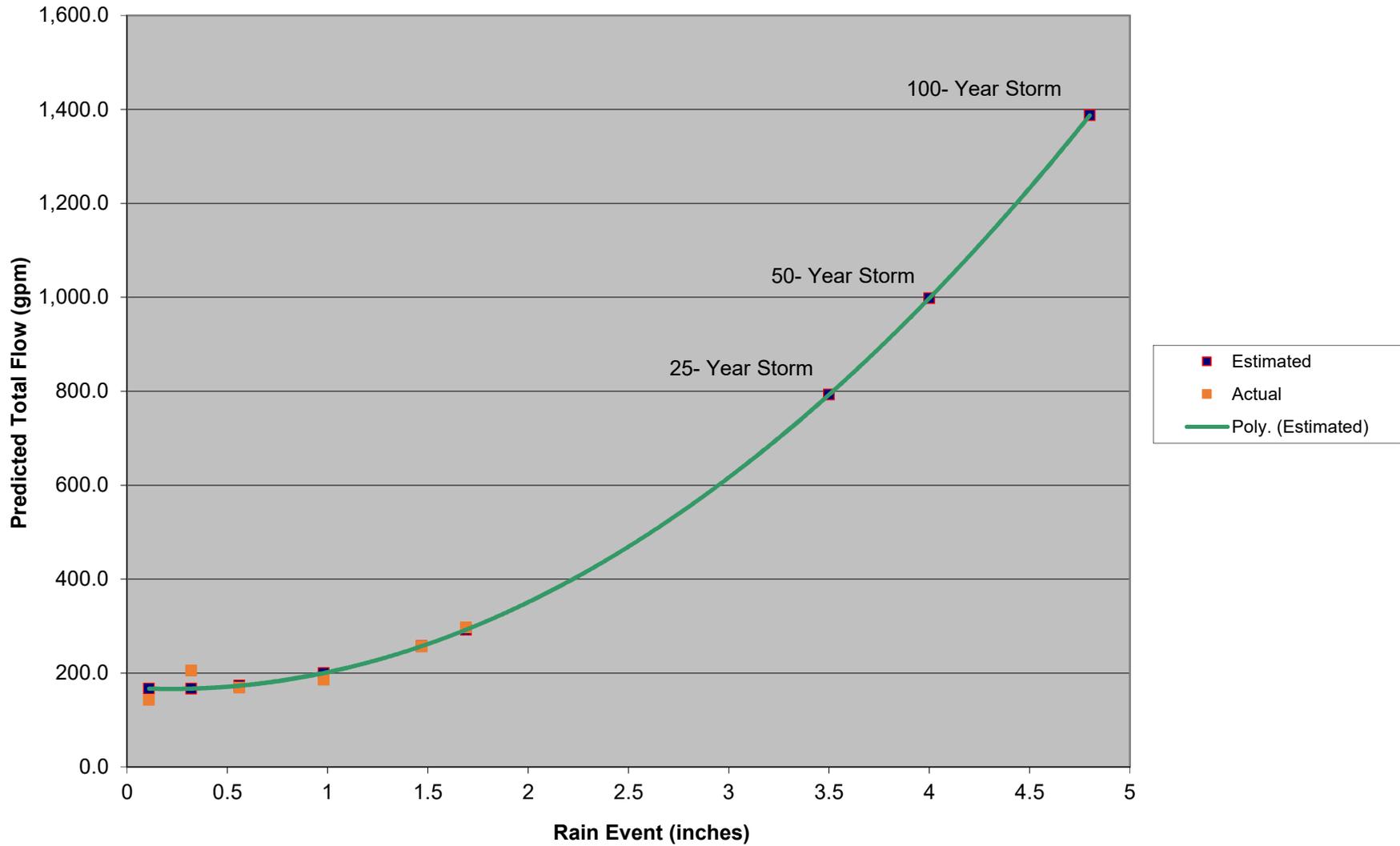
SC Meter 4
5027 First St



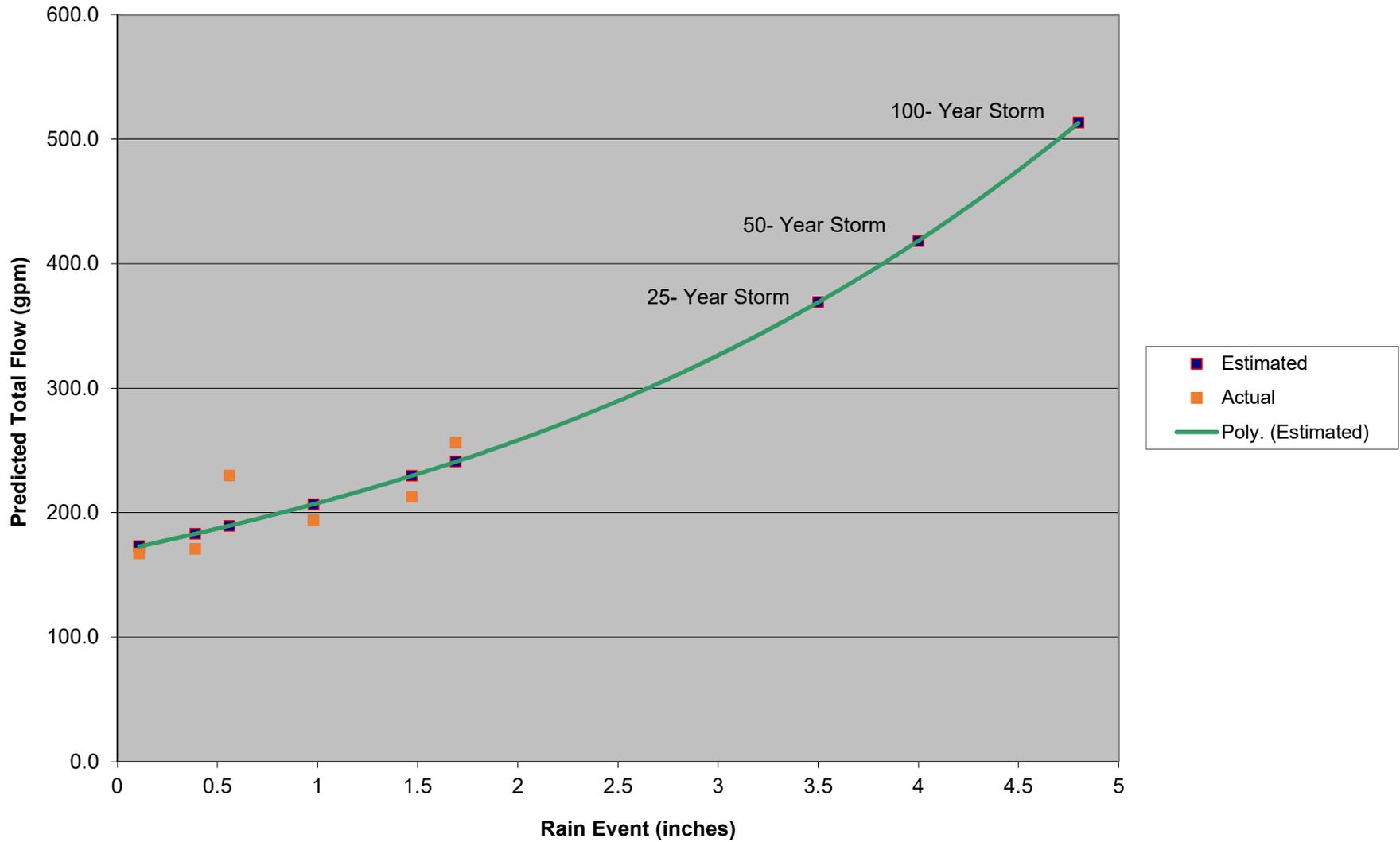
Appendix C: Estimated Rainfall Produced Flow

1. District 1 Estimated Rainfall Produced Flow
2. District 2 Estimated Rainfall Produced Flow
3. District 3 Estimated Rainfall Produced Flow
4. District 4 Estimated Rainfall Produced Flow

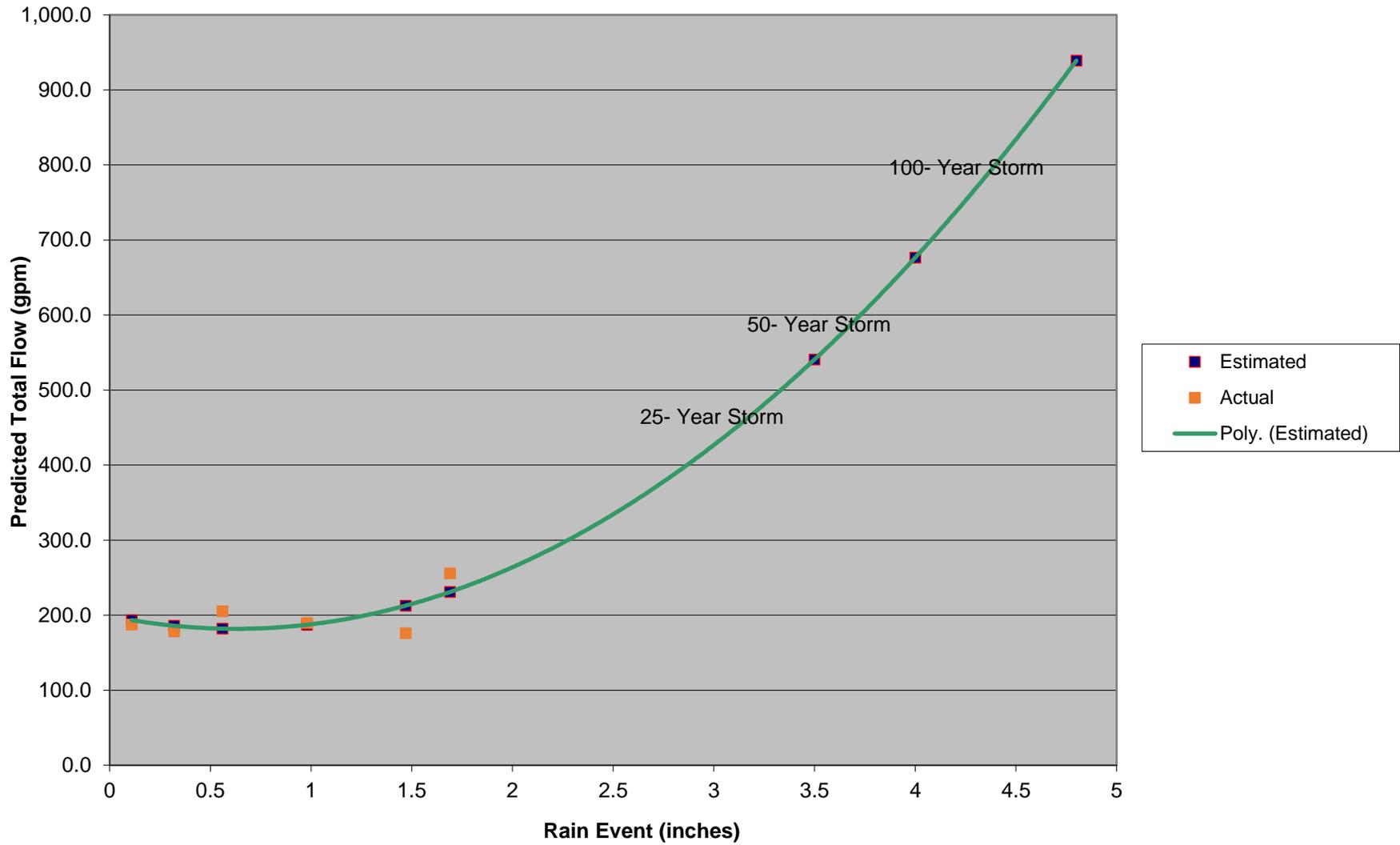
Appendix C-1 - District 1: Estimated Rainfall Produced Flow



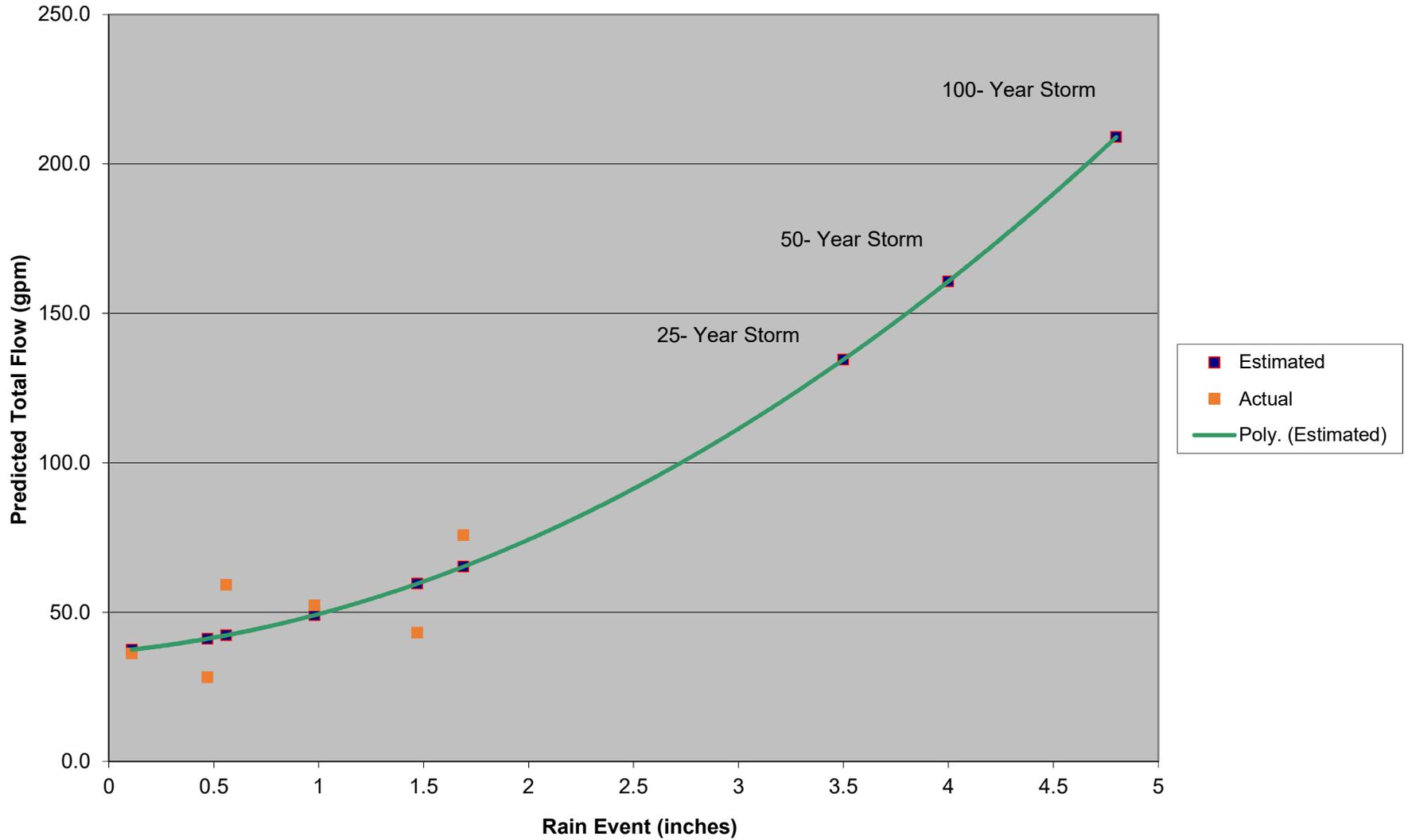
Appendix C-2 - District 2: Estimated Rainfall Produced Flow



Appendix C-3 - District 3: Estimated Rainfall Produced Flow



Appendix C-4 - District 4: Estimated Rainfall Produced Flow



Appendix D: Estimated Remaining Buildout REUs

1. Method Used to Calculate the Estimated Remaining Buildout REUs

Appednix D-1: Method Used to Calculate the Estimated Remaining Buildout REUs

District	Parcel Numbers	Subtract Roads		Zoning	Units/Acre	Future	Comments
		Area (Acre)	& ROW (25%) (Acre)				
1	58-30-300-003	20.27	15.20	Medium Density Residential	3	46	Based on density of current Homes in the area
1	58-30-300-004	11.63	8.72	Medium Density Residential	3	26	Based on density of current Homes in the area
1	58-30-300-010	83.05	62.29	Medium Density Residential	3	187	Based on density of current Homes in the area
1	58-30-300-012	13.83	10.37	Medium Density Residential	3	31	Based on density of current Homes in the area
1	58-30-400-004	18.79	14.09	Medium Density Residential	3	42	Based on density of current Homes in the area
	District 1 Total	147.57				332	
2	58-36-400-011	16.8	12.60	Medium Density Residential	6	76	Based on density of current Homes in the area
	District 2 Total	16.80				76	
3	58-36-300-029	6.73	5.05	High Density Residential	-	48	From Applecreek Apartments
	District 3 Total	6.73				48	
4	58-36-300-028	8.14	6.11	General Business	5	31	
4	58-35-576-021	3.2	2.40	General Business	5	12	
4	58-35-576-018	1.76	1.32	General Business	5	7	
	District 4 Total	13.10				49	

Michigan could allow betting on horse races that have already been run

Today 9:57 AM

1. [Flint](#)



William Thornton

The Birmingham Race Course is offering betting on historical pari-mutuel horse racing - placing a bet on a horse race that has already run. A man uses one of the machines Tuesday, Oct. 8, 2019.

SWARTZ CREEK, MI -- A bill that would allow wagering on horse races that have already taken place could be a key to [reopening Sports Creek Raceway](#) in 2020.

Nelson Clemmens, chief executive officer of AmRace & Sports LLC, the owner of Sports Creek, said two bills in the state Legislature are "absolutely critical" to the ability to put the track back in business "and to have a viable racing program."

One bill, which has cleared the state House of Representatives, would allow for advance deposit wagering, which allows bettors to fund their account and place bets online or by phone.

Another was introduced Monday, Dec. 2, by state Sen. Jim Ananich, D-Flint, and would allow racetracks and some casinos to set up historical pari-mutuel betting terminals.

The terminals allow betting on races that have already occurred, but the machines withhold information like when the race took place and the horses' names, so that the results can't be instantly researched or recalled by the bettor.

Ananich said he's sponsoring the historical horse race legislation to help get Sports Creek back on its feet.

The racetrack has been [closed for five years](#), one part of a broader decline in both harness and thoroughbred racing in Michigan.

“It’s very important for the viability of Sports Creek Raceway,” Ananich said of the proposed change. “I have been interested in finding a productive use for (the track) ... It’s a huge parcel of land and a big portion of (possible) tax revenue for the city.

“I’ve been working with (AmRace) and my colleagues on ways to make the horse racing industry viable again ... I’m trying to give a shot in the arm to Sports Creek and horse racing in general.”

Sports Creek has been granted a conditional license and permit to reopen next year by the state, but it’s not a certainty that they will.

The company purchased the track in late 2018, and has conditional permission to host simulcast horse racing year-round and live thoroughbred racing 16 weekends in 2020.

AmRace still needs a grandstand inspection, additional information on its plans for track security and an emergency preparedness plan before it can host live or simulcast racing, the Michigan Gaming Control Board said in October.

AmRace was in a similar position a year ago when it ultimately voluntarily surrendered its license after former Gov. Rick Snyder vetoed a bill that would have allowed cell phone wagering on horse races.

That change and the Ananich bill to allow betting on historical horse races are both critical to the future of Sports Creek, Clemmens said in an email to MLive-The Flint Journal.

“As for having racing in 2020, that still depends on several factors and the timing of having the legislation in place sooner rather than later,” he said.

Ananich’s bill -- Senate Bill 661 -- would allow for pari-mutuel wagering in races run in the past at horse tracks and at casinos that are at least 50 miles away from any other licensed horse track.

The Senate majority leader said other states already allow for similar wagering on horse races that have already taken place, allowing betting to go on whenever the track is open.

AL.com reported in October that the Birmingham Race Course there [recently installed 301 special terminals](#) that let users bet on past races.

Instead of the names of the horses and when and where the races took place, bettors get a list of horses with numbers, and can access handicap information by touching a button. Bettors can get information such as pedigrees, earnings, pace, speed, trainer and jockey.

Users can choose to watch the actual race from beginning to end or just the last four seconds and then see where and when the race took place.

Michigan’s horse racing industry has been looking for help for years.

Racing occurred at a single track in 2018 and 2019 -- Northville Downs, which offers

standardbred racing.

In 2018, Hazel Park Raceway became the latest track to close abruptly, ending nearly 70 years of racing there.

(Information from AL.com is included in this report.)