

E. APPROVAL OF THE AGENDA

Motion Smith; support Carson to approve the agenda with the addition of the following items:

I-6 City Manager's Report - Status of 2015 Road Program from Mr. Droze.

L-4 New Business Item – additional information regarding the blower project.

Unanimous voice vote approval.

F. PUBLIC HEARINGS

Purchasing Ordinance

This will be a Public Hearing only. The item will be voted on at a future meeting.

Mayor Keough opened the Public Hearing at 7:36 PM. He reported that the draft for the Purchasing Ordinance was compiled by the City Manager based on City Charter articles 7.04 and 13 and reflects the City's policy. Mayor Keough offered a few changes to the policy. The Public Hearing was closed at 7:39 PM.

G. NON-ARRANGED PARTICIPATION

Washtenaw County Commissioner, Kent Martinez-Kratz from Chelsea reported that the County Board of Commissioners has again approved the tax for road repairs; the Board is considering consolidating the Ann Arbor Convention And Visitors Bureau and the Ypsilanti Convention and Visitors Bureau with discussion following; and responded to a question regarding the appointment of a new County Administrator. (A firm will be hired and have a decision by March 2016. The current administrator will remain until that time.)

H. COMMUNICATIONS:

1. Upcoming Meeting List
2. Sign Calendar

I. REPORTS

1. Washtenaw County Sheriff's Office – Geoff Fox

Written report submitted in the packet by Sgt. Gieske.

Sgt. Fox introduced himself to Council explaining that he has been with the Sheriff's Department for 20 years and recently in Ypsilanti. He stated that he was happy to be in Dexter and to have the opportunity to investigate crimes which doesn't happen in all jurisdictions. Sgt. Fox gave the following updates:

- On September 22, wheels and rims were stolen off a vehicle at LaFontaine's as well as Suburban on Jackson Road.
- On September 25, a suspected drunk driver hit a house at the corner of Hudson and Ann Arbor Street.

2. Public Services Superintendent – Dan Schlaff

Mr. Schlaff submits his report as per packet. Mr. Schlaff gave the following updates:

- Question – Who is Gino? (The tree arborist for the City.)
- Question – What was the storm water complaint in Baker Heights? (Owner has placed outbuildings in the City easement and this situation needs to be resolved.)
- Received the new bobcat yesterday and the site distance is a lot better than the previous piece of equipment.
- Question – What about the sanitary sewer inspection at Dexter Crossings and the sewer back-up? (Mr. Schlaff explained the circumstances that led up to the situation. Discussion followed.)
- Ms. Fisher gave kudos to the Public Services Department for the railing on Grand Street.
- Mr. Carson commented on a recent incident of water coming into the St. Joe Clinic at Dexter Crossing and inquired who is responsible for handling this incident.

3. Community Development Manager – Michelle Aniol

Ms. Aniol submits her report as per packet. Ms. Aniol gave the following updates:

- Congratulations to Dexter. The City has been awarded a 4 out of 5 star ranking by the UM – Dearborn eCities program.
- A new business will be coming to the Wallace Building – Nogginz Hair Salon.
- There is a new MEDC (Michigan Economic Development Corporation) business development manager. David Kurtycz has been reassigned to MSHDA (Michigan State Housing Development Authority).
- Broad Street developer’s interviews will be held on Tuesday, September 29 at the Dexter District Library. One of the developers has pulled their application as they only develop low income tax credit housing.
- The Target Market Analysis will be on Wednesday, October 7 at 5 PM at the Dexter District Library.
- Working with the City Attorney to identify options for dealing with complaints regarding sidewalk obstructions such as basketball hoops.
- Question – What is the status of the easement for storm water on Baker and Grand? (Nothing has been found regarding an easement that has registered. Will need to work with the developer.) Discussion followed.
- Question raised regarding the letter received from Mr. Haeussler and what will be the follow-up. Discussion followed regarding such a development even though it is outside the city limits. A workshop was requested to further discuss this issue and to invite Scio Township to such a meeting. The date of November 9 at 6 PM was proposed.

4. Boards, Commissions. & Other Reports-“Bi-annual or as needed”

5. Subcommittee Reports

Facilities – Jim Smith

Mr. Smith reported that the Facilities Committee will meet on Friday, October 2 to talk about the next steps and bring this back to the City Council. He asked Council members as to what their expectations are from the Facilities Committee: Tell – Bring back recommendations as to which is the most efficient way to run the City...rent or buy; Fire Department...tear down the existing building and build a new facility and at the same time have the opportunity to turn the board into an authority with capability to bond.

Fisher – Bring back recommendations for both facilities with the Fire Department the first facility to be resolved.

Carson – Fire Department is the top priority.

Semifero – Rationale should be what is best for the City. Collect the data and bring it back to the Council.

6. City Manager Report

Ms. Nicholls submits her report as per packet. Ms. Nicholls gave the following updates:

- Bicycle Signage – How do we approach the issue of people not riding bicycles on City sidewalks and post the appropriate signage?
- Question – What is the status of the Lion’s Club sculpture? (It will go back to the committee.) Discussion followed.
- Mr. Droze gave the following update on the 2015 Road Project.
 - a. Turn over the asphalt repairs at the end of Third Street to Concord and have Cadillac do the paving at Hudson and Grand and on Parkridge. Question asked if we could do Hudson/Grand and Huron Farms instead. (Will ask.)
 - b. Cape Seal – there is a concern over weather conditions and timing. Looking at options to complete the project possibly in the spring.
 - c. Concord is planning on coming on the 12th for the Border to Border Trail and the DPW driveway and will do Third Street at that time.

7. Mayor’s Report

Mr. Keough submits his report as per packet. Mr. Keough gave the following updates:

- Recommending the appointment of Martha Gregg to the Arts, Culture & Heritage Committee.
- A date has been set for the Tax Tribunal trial. It is to start January 4, 2016 and is scheduled for two weeks.
- Robert Smith has been to the Fire Board to be the new fire chief. Currently doing back ground checks on the candidate.

J. CONSENT AGENDA

1. Consideration of: Bills and Payroll in the amount of \$150,760.88
2. Consideration of: Road Closures for the Holiday Hustle 5K & 1 Mile Run on December 12, 2015
3. Consideration of: Appointment of Qualia Pant as the Chamber Representative

to the Farmers Market & Community Garden Oversight Committee

4. Consideration of: Appointment of Martha Gregg to the Arts, Culture & Heritage Committee
5. Consideration of: Setting Trick or Treat hours – Saturday, October 31, 2015
From 5:30 p.m. – 7:30 p.m.

Motion Fisher; support Smith to approve items 1, 2, 3, 4 and 5 of the Consent Agenda.

Unanimous voice vote approval.

K. OLD BUSINESS-Consideration and Discussion of:

None

L. NEW BUSINESS-Consideration of and Discussion of:

1. Consideration of: Request for Charitable Gaming License from the Athletic Booster Club of Dexter

Motion Fisher; support Semifero to approve the request for a charitable gaming license from the Athletic Booster Club of Dexter.

Ayes: Carson, Fisher, Knight, Semifero, Smith, Tell, and Keough

Nays: None

Motion carries

2. Consideration of: Recommendation from the Planning Commission for Final Site Plan Approval for a Medical Office Building at the Southwest corner of Dan Hoey and Lexington Drive

Motion Fisher; support Tell based on the recommendation by the Planning Commission, information provided at the September 28, 2015 City Council meeting and pursuant to Section 21.04, sub-section E6 City Council Action, City Council moves to approve the Final Site Plan for a medical office building at the southwest corner of the intersection of Dan Hoey Road and Lexington Drive.

Motion by Semifero based on the recommendation by the Planning Commission, information provided at the September 28, 2015 City Council meeting and pursuant to Section 21.04, sub-section E6 City Council Action, City Council moves to approve the Final Site Plan for a medical office building at the southwest corner of the intersection of Dan Hoey Road and Lexington Drive, on the condition that the generator shall not exceed a level of 60 decibels at the property line with adjacent residential property in Dexter Crossing. The motion dies without support.

Vote on the original motion.

Ayes: Fisher, Knight, Smith, Tell, Carson, and Keough

Nays: Semifero

Motion carries 6 to 1

3. Consideration of: Recommendation from the Planning Commission to Approve the Special Land Use Application for Outdoor Seating at the Beer Grotto, 8059 Main St.

Motion Semifero; support Tell based on the Planning Commission's recommendation, information provided by the applicant, staff's review standards, the Dexter City Council moves to approve the Special Land Use application for outdoor seating at 8059 Main Street (a/k/a the Beer Grotto). This Special Land Use permit is granted with the following conditions:

1. Applicant must obtain an outdoor Service Permit from the Michigan Liquor Control Commission.
2. Install up to five tables in an orientation that does not obstruct ADA ramp and substituting a three-seat table at the choke point.

Ayes: Knight, Semifero, Smith, Tell, Carson, Fisher and Keough

Nays: None

Motion carries

4. Discussion of: Wastewater Treatment Plant Blower Project

Mr. Schlaff explained the need for the Blower Project and related improvements needed at the Wastewater Treatment Plant. Discussion followed.

Motion Fisher; support Smith to accept the proposal from F&V Construction for blower and related improvements at the Wastewater treatment plant in an amount not to exceed \$290,258.10.

Ayes: Semifero, Smith, Tell, Carson, Fisher, Knight and Keough

Nays: None

Motion carries

5. Consideration of: Demolition Bid Award for 7651 Dan Hoey and 8258 Huron to H.E. Excavating Inc.

Motion Semifero; support Tell to award the demolition bid for 7651 Dan Hoey and 8258 Huron to H.E. Excavating Inc in an amount not to exceed \$29,000.

Ayes: Smith, Tell, Carson, Fisher, Knight, Semifero and Keough

Nays: None

Motion carries

6. Consideration of: City Manager Employment Contract Renewal Through June 30, 2016

Motion Fisher; support Smith to approve the City Manager's employment agreement through June 30, 2016 as presented.

Ayes: Tell, Carson, Fisher, Knight, Semifero, Smith and Keough

Nays: None

Motion carries

M. COUNCIL COMMENTS

Carson None

Knight None

Smith None

Jones None

Semifero None

Fisher None

Tell None

N. NON-ARRANGED PARTICIPATION

None

O. ADJOURNMENT

Motion Smith; support Tell to adjourn at 10:20 PM.

Unanimous voice vote approval.

Respectfully submitted,

Carol J. Jones
Interim Clerk, City of Dexter

Approved for Filing: _____

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OFFICE OF THE CITY MANAGER

8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum

To: Mayor Keough and City Council
From: Courtney Nicholls, City Manager
Re: Public Hearing on Mobile Vending Ordinance
Date: October 7, 2015

Currently the City has a moratorium on mobile food vending. The moratorium was put into place to give Council and staff time to work on an ordinance and policy to set guidelines for mobile food vending in the community.

A public hearing on the proposed ordinance will be held on October 12, 2015. A copy of the draft ordinance and policy are attached. The document has been reviewed by City Attorney Steve Estey. When the draft ordinance/policy was last in the packet, Mayor Keough stated that he was not sure that he was interested in allowing food trucks. Taking that into consideration, the attorney has highlighted the areas that would need to be removed or updated if food trucks are not permitted.

This ordinance and policy would cover both food vending and non food vending that operate from a mobile unit. It would not impact the hawker/peddler permits that we currently issue for people walking door to door. Staff has requested that the attorney "redline" a copy of our current hawker/peddler ordinance to show how the two fit together. That should be available for the meeting on Monday.

Council is asked to hold the public hearing. The final versions of the ordinance and policy will be on a future agenda for adoption.

CITY OF DEXTER
ORDINANCE #2015 - _____

AN ORDINANCE ESTABLISHING PROCEDURES FOR THE LICENSING OF MOBILE VENDORS IN THE
CITY OF DEXTER.

1. ORDINANCE OBJECTIVES:

- A. To protect the health, safety, and welfare of the residents of the City of Dexter.
- B. To protect businesses that pay property taxes located in the City of Dexter.
- C. To ensure that applicants meet all applicable federal, state, and local laws and health codes.
- D. To ensure that proposed businesses add to the vitality and aesthetic appeal of the community.

2. DEFINITIONS

- A. *Applicant* means any person who desires to conduct a mobile vending operation on public property.
- B. *City* means the government organization that is the City of Dexter, Michigan.
- C. *Designated agent* means the person designated by the applicant to receive notices authorized by this ordinance on behalf of the applicant.
- D. *Food* means any products sold for human consumption, the sale of which is not prohibited by law.
- E. *Goods, wares, and merchandise* means, and shall include but not be limited to, plants, flowers, apparel, jewelry, cosmetics and beauty aids, health products, medicines, household goods or furnishings.
- F. *Licensee* means an applicant who has obtained a license pursuant to this ordinance to conduct a mobile vending operation on public property.
- G. *Mobile food vendor* means a person who sells, serves or offers for sale items which shall consist of not less than eighty (80%) percent food products from a pushcart or stationary mobile vending unit on public property.
- H. *Mobile food vendor license* means a license that permits a mobile food vendor to sell, serve or offer for sale items which shall consist of not less than eighty (80%) percent food products from a pushcart or stationary mobile vending unit on public property, granted pursuant to this ordinance.
- I. *Mobile vending* means vending, selling, serving, displaying or offering for sale, goods, wares, merchandise or food from a mobile vending unit located on public property.
- J. *Mobile vendor* means a person who vends, sells, serves, displays or offers to sell goods, wares, or merchandise, other than food, from a pushcart or stationary mobile vending unit on public property.
- K. *Mobile vendor license* means a license that permits a mobile vendor to vend, sell, serve, display or offer to sell goods, wares, or merchandise, other than food, from a pushcart or stationary mobile vending unit on public property, granted pursuant to this ordinance.

L. *Mobile vending unit* means any pushcart, stationary mobile vending unit or transitory mobile vending unit.

M. *Public property* means any public street, highway, alleyway, parking space, park, sidewalk or other property owned by the City of Dexter or the City's Downtown Development Authority.

N. *Pushcart* means a cart, kiosk or portable stand under 10' x 10' designed to be readily moveable from which goods, wares, merchandise or food are sold.

O. *Stationary mobile vending unit* means any motorized or non-motorized vehicle, cart, trailer, kiosk or other device designed to be portable and not permanently attached to the ground (other than a pushcart) that typically stops at a public or private property site for more than ten minutes from which goods, wares, merchandise or food is vended, sold, served, displayed or offered for sale (e.g. food trucks).

P. *Transitory mobile vending unit* means a vehicle that visits, or stops on, multiple public or private property locations on a daily basis for no more than ten minutes per site per day from which goods, wares, merchandise or food is vended, sold, served, displayed or offered for sale (e.g. ice cream trucks).

Q. *Transitory mobile vendor* means a person who vends, sells, serves, displays or offers to sell goods, wares, merchandise, and/or food, from a transitory mobile vending unit.

R. *Transitory mobile vendor license* means a license that permits a transitory mobile vendor to vend, sell, serve, display or offer to sell goods, wares, merchandise, and/or food, from a transitory mobile vending unit that visits, or stops on, multiple public or private property locations on a daily basis for no more than ten minutes per site per day, granted pursuant to this ordinance.

3. MOBILE VENDOR LICENSING

A. No person shall engage in mobile vending on public property, except as specifically authorized by a mobile vendor, mobile food vendor or transitory mobile vendor license.

Comment [LE1]: If food trucks will be prohibited add: B. Mobile vending from a stationary mobile vending unit is prohibited.

4. POLICY

A. The City Manager shall adopt, or approve for adoption, a policy containing rules and regulations respecting the acquisition of a license by an applicant or designated agent for mobile vending. These regulations may include dates of operation, hours of operation, locations, liability insurance, refuse containment, outdoor storage, and any other regulations as may be deemed necessary to protect the health, safety, and welfare of the residents of Dexter.

B. An applicant for a mobile vendor, mobile food vendor or transitory mobile vendor license shall file an application form provided by the City Manager or their designee, along with appropriate fees.

C. The City Manager or their designee shall issue a mobile vendor, mobile food vendor or transitory mobile vendor license authorizing mobile vending subject to state, county, local health rules and regulations, and all City ordinances and codes along with the requirements of this ordinance.

D. No person shall engage in mobile vending, or employ or hire another to engage in such vending within the City, without possessing a valid license as provided in this ordinance.

E. Licenses issued pursuant to this ordinance shall not be transferable from one person to another. Any change in information provided in the application shall be provided to the City Manager or their designee within ten calendar days of any such change.

F. Any license issued to a mobile vendor, mobile food vendor or transitory mobile vendor shall be displayed on the mobile vending unit and shall be produced upon request of any law enforcement officer, city code inspector or county health inspector. In the case of a mobile food vendor or a transitory mobile vendor who sells food, any required health inspection certificates shall also be displayed on the mobile vending unit. Any change in the information provided in the application shall be provided to the City Manager or their designee within ten calendar days of any such change.

5. FEES

A. Each applicant to whom a license is granted under this article shall pay a nonrefundable fee in an amount established by City Council resolution.

6. LICENSE DENIAL; REVOCATION; SUSPENSION

A. Any application for a license may be denied, or any license may be revoked or suspended for a period up to one year by the City Manager or their designee for any of the following reasons:

1. Fraud, misrepresentation, or false statement contained in the application.
2. Any violation of the provisions of this ordinance or the accompanying policy regulating mobile vending within one year prior to the date of application.
3. The applicant or designated agent has had a mobile vendor, mobile food vendor, ~~transitory mobile vendor~~ or any other vendor license issued by any municipality revoked or suspended within the previous year. Deleted: or
4. The applicant has a suspended driver's license or has employed or hired a designated agent who has a suspended driver's license to operate a motorized mobile vending unit or to transport the mobile vending unit by motorized vehicle.
5. An application for a transitory mobile vendor license will be denied if the maximum number of transitory mobile vendor licenses for the City as set forth in the mobile vending policy has already been reached. Failure to use a transitory mobile vendor license may result in the City revoking the license.

B. In determining the appropriate administrative sanction, the City Manager or their designee shall consider the following factors: nature and timing of prior warnings; date(s) of violation; previous violations; duration of license; investment in business; circumstances of the violation; punishment imposed for previous violations; cooperation with City officials; and other aggravating or mitigating circumstances directly relating to any violation. If the City Manager or their designee determines that an application should be denied or that a license should be revoked or suspended, the City Manager or their designee shall notify the applicant or licensee in writing and identify the grounds by certified mail to the most recent mailing address as reflected in the records of the City Manager or their designee.

C. Appeals relating to the denial of a license application may be made to City Council. All such appeals shall be filed within 21 days after the City provides the applicant with written notice of the denial.

D. It shall be unlawful for any person to operate a mobile vending operation while the license for the mobile vending operation is suspended or revoked. No license suspended or revoked shall be reinstated until a fee has been paid.

7. EXEMPTIONS

A. The following persons are exempt from the licensing requirements of this ordinance:

1. Any person exempt from the licensing requirements of this chapter under state or federal law.
2. A person selling at a farmer's market, fair, festival or special event in connection with an approved special event.

8. VIOLATIONS AND PENALTIES

A. Any licensee, designated agent, or other person having control over any mobile vending operation who causes, permits or facilitates any violation of any provision of this ordinance is guilty of a misdemeanor, pursuant to Chapter XXXX of the City of Dexter code and may be enforced by a police officer or other authorized City official. Each day any violation of any provision of this ordinance, or the failure to perform any act or duty required by this ordinance, exists shall constitute a separate violation or offense.

9. SAVINGS CLAUSE

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

10. REPEAL

A. This ordinance will supersede Ordinance Chapter 34 with regard to mobile vending on public property. In all other regards, Ordinance Chapter 34 will control.

B. All regulatory provisions contained in other City ordinances which are inconsistent with the provisions of this ordinance are repealed.

11. EFFECTIVE DATE; PUBLICATION

A. This ordinance shall become effective upon publication of a notice in a newspaper circulated in the City, stating the date of the enactment and the effective date of the ordinance, a brief notice as to the subject matter of this ordinance, and such other facts as the City Manager or their designee shall deem pertinent and that a copy of the ordinance is available for public use and inspection at the City office.

MOBILE VENDING POLICY – CITY OF DEXTER

1. OBJECTIVES

A. The objectives of this policy shall be in accordance with City Ordinance Section XX “An Ordinance establishing procedures for the licensing of mobile vendors in the City of Dexter.”

B. Definitions for relevant terminology may be found in Ordinance XX, Section 1 “Definitions.”

2. APPLICATION REVIEW

A. Mobile vendors and mobile food vendors utilizing pushcarts will only be permitted to vend at specific locations in the City:

1. Grassy triangular piece of public property located immediately in front of 8060 Main St., between the businesses and Main Street.
2. The piece of public property located adjacent to 3203 Broad St., next to the free-standing clock.
3. The public alleyway adjacent to 8101 Main St. and 3150 Broad St.

B. Mobile food vendors utilizing stationary mobile vending units will only be permitted to vend at one specific location in the City:

1. On Central St. adjacent to Monument Park. The mobile vending unit must be located at least 150 ft., but no more than 450 ft. from the intersection of Main St. and Central St.

C. Transitory mobile vendors can be permitted to vend from a transitory mobile vending unit on any public property in the City.

D. No more than two mobile food vendors utilizing pushcarts shall be licensed in the City at any given point in time.

E. Failure to use any mobile food vending license for 3 consecutive weeks may result in the license being revoked.

F. In accordance with City Ordinance XX, applicants must submit an application to the City Manager or their designee, along with appropriate fees to be eligible for a mobile vendor, mobile food vendor or transitory mobile vendor license. Information to be included on the application shall include:

1. The applicant’s name, current business address and telephone number.
2. Current government-issued identification document with photo of the applicant and any designated agent or person proposed to conduct mobile vending.
3. The name under which the mobile vendor will be doing business.
4. Whether a mobile vendor, mobile food vendor or transitory mobile vendor license is sought.
5. The proposed location(s) or geographic area from which the applicant intends to engage in mobile vending.
6. A brief description of the nature of the mobile vending operation and the items to be sold, including whether the licensee will be selling food products.

Comment [LE1]: If food trucks are prohibited instead state: A. Mobile vendors and mobile food vendors will only be permitted to vend from pushcarts at specific locations in the City

Comment [LE2]: REMOVE IF NO FOOD TRUCKS ALLOWED

Comment [LE3]: Currently there are not any provisions limiting the area where transitory mobile vendors can vend. You may want to add restrictions here if you want to narrow the area in which they can sell.

7. County health permits, if applicable.

8. A description of all mobile vending units to be used in the mobile vending operation, including the Michigan license plate number(s) and a complete copy of the current Michigan vehicle registration(s) and proof of vehicle insurance for each proposed mobile vending unit.

9. Whether the applicant or his or her designated agent has ever had a mobile vendor, mobile food vendor, transitory mobile vendor or any other vendor license revoked or suspended and the date and jurisdiction of the denial, suspension or revocation.

G. The City Manager or their designee will review applications for conformance with the stated requirements and grant the license or deny the application.

H. Applications will be considered on a first-come-first-served basis until the specified locations are reserved for any given period of time. The City Manager or their designee will coordinate the location of use.

3. LICENSE FEES

A. Each applicant to whom a license is granted under this article shall pay a nonrefundable fee based on the period of use in the following amounts:

1. Less than one year - \$250.00
2. Less than six months - \$125.00
3. Less than three months - \$75.00
4. Less than 24 hours - \$15.00

4. REQUIREMENTS – MOBILE VENDORS AND MOBILE FOOD VENDORS

A. Mobile vendors and mobile food vendors, with valid mobile vendor and mobile food vendor licenses, may engage in mobile vending from a pushcart or stationary mobile vending unit on public property at specifically designated locations in the City, subject to the following requirements:

1. Mobile vending shall be subject to Chapter 54 of the City of Dexter's Code of Ordinances "Traffic and Vehicles."
2. Licensees shall not block or impair vehicular or pedestrian traffic.
3. Licensees shall not stop a pushcart or stationary mobile vending unit on public property without being specifically approved for a specific location.
4. Licensees shall comply with all health requirements of the Federal Government, State of Michigan, and Washtenaw County health departments.
5. Licensees shall comply with Article 3 of the City of Dexter's Code of Ordinances "Noise," and specifically section 18-61 "Noise Restrictions."
6. Tables, carts, chairs, umbrellas or other vending-related installations separate from the pushcart or stationary mobile vending unit shall not be erected on public property.
7. Licensees shall contain all materials and supplies in the pushcart or stationary mobile vending unit and shall not store supplies or other materials on public property.

8. A mobile vending unit shall not be left unattended while on a public street, highway or public parking space for longer than 15 minutes.
9. Mobile vending activity shall not violate the Americans with Disabilities Act.
10. No mobile vendor or mobile food vendor shall operate between the hours of 11:00 p.m. and 8:00 a.m.
11. Any pushcart or stationary mobile vending unit shall be removed from public property during the hours of non-operation.
12. Licensees shall keep the areas around their mobile vending operation clean and free from litter at all times. A licensee shall remove all garbage and debris originating from its vending operation from the City and shall not dispose of tis garbage and debris in City trash receptacles or City trash compactors unless authorized by the City.
13. Licensees shall supply a refuse container for public use that is capable of accommodating all refuse generated by the vending activity which shall be maintained and emptied regularly.
14. A mobile food vendor shall at no time make use of any outdoor cooking facilities, including grills.
15. A mobile food vendor shall at no time utilize outdoor storage, or warming or refrigeration devices, except for disposable tableware.
16. Licensees shall not connect a pushcart or stationary mobile vending unit to a source of City electricity, water, or sewer.
17. Public property shall not be altered and permanent fixtures of any kind shall not be installed on public property by the licensee unless authorized by the City. A pushcart or stationary mobile vending unit shall not be secured or affixed to any public structure unless authorized by the City.
18. Licensees shall not use amplification or noise-making devices.
19. A pushcart or stationary mobile vending unit's wheels shall be safely secured while the licensee is conducting business.

5. REQUIREMENTS – TRANSITORY MOBILE VENDORS

A. Transitory mobile vendors, with valid transitory mobile vendor licenses, may engage in mobile vending from a transitory mobile vending unit on public property subject to the following requirements:

1. Mobile vending shall be subject to Chapter 54 of the City of Dexter's Code of Ordinances "Traffic and Vehicles."
2. Licensees shall not block or impair vehicular or pedestrian traffic.
3. Licensees shall not stop a transitory mobile vending unit on any major public road.
4. Licensees shall come to a complete stop and maintain the vehicle in park before vending.
5. Licensees shall comply with all health requirements of the Federal Government, State of Michigan, and Washtenaw County health departments.

6. Licensees shall comply with Article 3 of the City of Dexter's Code of Ordinances "Noise," and specifically section 18-61 "Noise Restrictions."

7. A transitory mobile vending unit shall not be left unattended while on a public street, highway or public parking space for longer than 15 minutes.

8. Mobile vending activity shall not violate the Americans with Disabilities Act.

9. No transitory mobile vendor shall operate between the hours of 9:00 p.m. and 8:00 a.m.

10. Any transitory mobile vending unit shall be removed from public property during the hours of non-operation.

6. INDEMNITY AND INSURANCE

A. The Licensee shall, to the fullest extent permitted by law, defend, indemnify, and hold the City harmless against any claim that may arise from its use of public property. The Licensee shall obtain and maintain during the term of the license a comprehensive general liability insurance policy written on an occurrence basis having policy limits of no less than \$300,000 per occurrence. A certificate of insurance naming the City as an additional insured shall be filed by licensee with the approved application. The certificate shall provide that the City will receive 30 days prior written notice of cancellation or non-renewal.

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Meeting Calendar

Board	Date	Time	Location	Website	City Representative
Gateway Initiative (Big 400)	10/9/2015	9:30 a.m.	Waterloo Recreation Area		Paul Cousins, Carol Jones
Dexter City Council	10/12/2015	7:30 p.m.	Dexter Senior Center	http://www.dextermi.gov	
5H - Dexter Coalition	10/13/2015	5:30 p.m.	Dexter Wellness Center		Becky Murillo
Dexter Area Chamber of Commerce	10/14/2015	8:15 a.m.	Copeland Board Room	http://www.dexterchamber.org/	Donna Fisher
Baker/Shield/Dan Hoey Intersection Presentation	10/14/2015	7:00 p.m.	Creekside Intermediate School	http://www.dextermi.gov	
Dexter Area Fire Board	10/15/2015	6:00 p.m.	Dexter Township Hall	http://dexterareafire.org/	Shawn Keough/Jim Carson
Dexter Downtown Development Authority	10/15/2015	7:30 a.m.	Senior Center	http://www.dextermi.gov	Shawn Keough
Chelsea Area Planning Team/Dexter Area Regional Team	10/19/2015	7:00 p.m.	Sylvan Township	http://www.ewashtenaw.org/	Jim Carson
Dexter City Zoning Board of Appeals - if needed	10/19/2015	7:00 p.m.	Senior Center	http://www.dextermi.gov	Jim Carson
City Road Committee	10/20/2015	6:00 a.m.	City DPW	http://www.dextermi.gov	
Dexter City Parks Commission	10/20/2015	7:00 p.m.	City Offices	http://www.dextermi.gov	Julie Knight
Washtenaw Area Transportation Study-Policy	10/21/2015	9:30 a.m.	Scio Township Hall	http://www.miwats.org/	Jim Carson
Huron River Watershed Council	10/22/2015	6:00 p.m.	Dexter District Library	http://www.hrwc.org/	Paul Cousins
Dexter City Council	10/26/2015	7:30 p.m.	Dexter Senior Center	http://www.dextermi.gov	

Due to the possibility of cancellations, please verify the meeting date with the listed website or City representative

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	Name of Group	Dates	Number Approved	Approval Date	Locations		Name of Group	Dates	Number Approved	Approval Date	Locations
January	Dexter Senior Ctr-Winter Market	signs out week of 1/10 & 1/24	3-18X24 / 2-2'X4"	11/3/2014	1,2,4,5,44	July	St Andrews-Blood Drive	7/13-7/20	1-2'X3'	4/1/2015	8, 22
	Friends of the Dexter Library	1/10	5 X 18 X 24	6/25/2014	1,4,17,19,51		St. Joseph-Flea Market	7/2-7/11	5 X 18 X 24	4/23/2015	1,2,4,5,44
	Dexter KofC Ladies Auxiliary	1/27-2/9	5 X 18 X 24	1/14/2015	1,2,4,5,10		St. Joseph-Festival	7/12-7/19	5 - 18 X 24	4/23/2015	1,2,4,5,44
	Dexter KofC Quarter Mania	1/14-1/22	5 X 18 X 24	1/14/2015	1,2,4,5,44		Dexter Wellness-Well walks	7/4-7/12	5 - 18 X 24	5/14/2015	1,2,4,5,44
	DHS Drama Club-Grease	1/23-2/8	5 X 18 X 24	1/23/2015	1,2,4,5,44		Family Fun Day Spendthrift Trust	6/28-7/12	5 - 18 X 24	6/8/2015	1,2,3,4,10
	St Andrews-Monthly dinner	1/30-2/5	1-2' X 3'	1/27/2015	8		Dexter Youth Football	7/17-7/31	5 - 18 X 24	6/23/2015	1,2,4,5,44
February	Dexter Senior Ctr-Winter Market	signs out week of 2/7 & 2/21	3-18X24 / 2-2'X4"	11/3/2014	1,2,4,5,44	Dexter Youth Football-Golf Outing	7/1-7/11	5 - 18 X 24	6/23/2015	1,2,4,5,44	
	Dexter Comm. Band-Concerts	2/20-3/2	2 - 2' X 3'	10/1/2001	5 & 10	Dexter Soccer Club-"kickin it with the girls"	7/20-8/3	5 - 18 X 24	7/8/2015	1,2,4,5,44	
	Friends of the Dexter Library	2/7	5 X 18 X 24	6/25/2014	1,4,17,19,51	St. Andrews-Ice Cream Social	7/23-8/7	5 - 18 X 24	6/8/2015	1,2,4,5,44	
	Dexter KofC Ladies Auxiliary	1/27-2/9	5 X 18 X 24	1/14/2015	1,2,4,5,10	St. James/Chicken BBQ Dexter Daze	8/8-8/15	2-18 X 24 and 1-24 X 24	7/15/2015	1,4,5	
	DHS Drama Club-Grease	1/23-2/8	5 X 18 X 24	1/23/2015	1,2,4,5,44						
	St Andrews-Monthly dinner	2/27-3/5	1-2' X 3'	1/27/2015	8						
March	Dexter Comm. Orchestra	1/28-2/8	2- 2' X 3'	1/26/2015	5 & 9						
	Dexter Senior Ctr-Winter Market	signs out week of 3/7 & 3/21	3-18X24 / 2-2'X4"	11/3/2014	1,2,4,5,44						
	Community Band - Concert	2/17-3/2	2-2 X 3	11/1/2013	5 & 9						
	Friends of the Dexter Library	3/7	5 X 18 X 24	6/25/2014	1,4,17,19,51	August	Dexter Daze 8/13, 8/14 and 8/15	5 X 18 X 24	6/25/2014	1,4,17,19,51	
	St Andrews-Monthly dinner	2/27-3/5	1-2' X 3'	1/27/2015	8	Dexter Wellness-Well walks	8/1-8/9	5 X 18 X 24	5/14/2015	1,2,4,5,44	
	Dexter Comm. Orchestra	3/4-3/16	2- 2' X 3'	1/26/2015	5 & 9	St. James/Chicken BBQ Dexter Daze	8/8-8/15	1 - 18 X 24, 2 - 24 X 24	6/23/2015	1,4,5	
April	Peace Lutheran-Easter Egg	3/17-3/28	1-2' X 3'	3/16/2015	1	Dexter Soccer Club-"kickin it with the girls"	7/20-8/3	5 - 18 X 24	7/8/2015	1,2,4,5,44	
	K of C-Quarter Mania	3/18-3/26	5-18 X 24	3/18/2015	1,2,4,5,44	Dexter Daze festival	8/1-8/16	5 - 18 X 24	4/30/2015	1,2,4,5,44	
	Dexter Senior Ctr-Winter Market	signs out week of 4/4 & 4/18	3-18X24 / 2-2'X4"	11/3/2014	1,2,4,5,44	St. Andrews-Ice Cream Social	7/23-8/7	5 - 18 X 24	6/8/2015	1,2,4,5,44	
	Dexter Comm. Band-Concerts	4/24-5/4	2 - 2' X 3'	10/1/2014	5 & 9						
	Friends of the Dexter Library	4/4	5 X 18 X 24	6/25/2014	1,4,17,19,51						
	St Andrews-Monthly dinner	4/3-4/9	1-2' X 3'	1/27/2015	8	September	Dexter Wellness-Well walks	9/5-9/13	5 - 18 X 24	5/14/2015	1,2,4,5,44
May	St Andrews-Blood Drive	4/10-4/20	1-2'X3'	4/1/2015	8, 22	St. Andrews-Monthly dinners	9/4-9/10	1 - 2' x 3"	8/18/2015	8	
	Dexter Lacrosse-Spring season	4/1-4/12	5-18 X 24	4/1/2015	1,2,5,44,10	St. Andrews-American Red Cross Blood Drive	9/14-9/22	2 - 2' X 3'	8/18/2015	8 & 22	
	DUMC-Rummage Sale	4/10-4/26	2-18" X 24"	4/1/2015	5 and 44	St. Vladimir's Church/Russian Festival	9/6-9/20	5 - 18 X 24	8/21/2015	1,2,4,5,44	
						St. Andrews - Chelsea/Dexter Crop Hunger Walk	9/20-10/4	1 - 18 X 24	9/4/2015	8	
						Dexter Lions Club-Apple Daze	9/26-10/3	5 - 18 X 24	9/9/2015	2,4,5,44,10	
						K of C-Quarter Mania	9/16-9/24	4 - 18 X 24	9/16/2015	1,2,4,44	
June	Dexter Drama-Sleeping Beauty	4/11-4/26	3-18" X 24" & 1-2.5" X 4" & 4' x 8	4/1/2015	2,4,5,44,3	Cascades League/baseball/softball tryouts	9/23-10/3	4 - 18 X 24	9/23/2015	1 & 44	
	Hudson Mills-B2B 10K Race	4/24-5/2	5 - 18 X 24	4/23/2015	1,2,4,5,44	Friends of the Dexter Library	10/3	5 X 18 X 24	6/25/2014	1,4,17,19,51	
						Dexter Wellness-Well walks	10/3-10/11	5 - 18 X 24	5/14/2015	1,2,4,5,44	
						Church World Service-Crop Hunger Walk	10/4 only	1 - 19" X 19"			
	Dexter Comm. Band-Concerts	4/24-5/4	2 - 2' X 3'	10/1/2014	5 & 9	St. Andrews-Annual Sauerkraut dinner	10/1-10/15	4 - 18 X 24 & 1 - 2 X 3	9/9/2015	1,2,4,5,44	
	Friends of the Dexter Library	5/2	5 X 18 X 24	6/25/2014	1,4,17,19,51	Cascades League/baseball/softball tryouts	9/23-10/3	4 - 18 X 24	9/23/2015	1 & 44	
July	St Andrews-Monthly dinner	4/30-5/7	1-2' X 3'	1/27/2015	8	Dexter Community Band-Concerts	10/29-11/8	2- 18 X 24 & 2 -2' X 4'	9/30/2015	1,2,5,14	
	Dexter Comm. Orchestra	5/6-5/18	2- 2' X 3'	1/26/2015	5 & 9						
	Dexter Garden Club Plant Sale	5/4-5/17	5 - 18 X 24	5/4/2015	2,4,5,44,10						
	St. Joseph-Plant Sale	5/2-5/17	5 - 18 X 24	4/16/2015	1,2,4,5,44	November	Friends of the Dexter Library	11/7	5 X 18 X 24	6/25/2014	1,4,17,19,51
	Dexter K of C-Chicken Broil	5/15-5/26	5 - 18 X 24	5/15/2015	1,2,4,5,10	Dexter Wellness-Well walks	11/7-11/15	5 - 18 X 24	5/14/2015	1,2,4,5,44	
	St. Andrew's-Rummage sale	5/31-6/6	5 - 18 X 24	5/18/2015	1,2,3,4,10	St. Andrews-Monthly dinners	10/30-11/5	1 - 2' x 3"	8/18/2015	8	
August	Friends of the Dexter Library	6/6	5 X 18 X 24	6/25/2014	1,4,17,19,51	Dexter Lions Club-Christmas Tree Sales	11/22-12/22	1 - 3 X 4	8/20/2015	1	
	Dexter Comm. Orchestra	6/3-6/13	2- 2' X 3'	1/26/2015	5 & 9	Dexter Winter Marketplace-Winter Farmers Mkt	11/2-11/8	3 - 18 X 24 & 2- 3 X 4	9/8/2015	1,2,4,5,44	
						Dexter Winter Marketplace-Winter Farmers Mkt	11/16-11/22	3 - 18 X 24 & 2- 3 X 4	9/8/2015	1,2,4,5,44	
						Dexter Community Band-Concerts	10/29-11/8	2- 18 X 24 & 2 -2' X 4'	9/30/2015	1,2,5,14	
	Dexter Boy Scouts-Rummage Sale	6/17-6/20	2 - 4' X 4' X 5'	4/20/2015	1 & 44	December	Friends of the Dexter Library	12/8	5 X 18 X 24	6/25/2014	1,4,17,19,51
	American Diabetes-bike race	6/5-6/7	5 - 18 X 24	4/28/2015	15, 19, 20	Dexter Wellness-Well walks	12/5-12/13	5 - 18 X 24			
September	Relay for Life	6/2-6/14	5 - 18 X 24	5/12/2015	1,2,4,5, 44	St. Andrews-Monthly dinners	11/27-12/3	1 - 2' x 3"	8/18/2015	8	
	Dexter Soccer Club-Tryouts	6/6-6/15	5 - 18 X 24	6/2/2015	1,2,4,5,44	Dexter Lions Club-Christmas Tree Sales	11/22-12/22	1 - 3 X 4	8/20/2015	1	
	Dexter Wellness-Wellness walks	6/6-6/14	5 - 18 X 24	5/14/2015		Dexter Winter Marketplace-Winter Farmers Mkt	12/7-12/13	3 - 18 X 24 & 2- 3 X 4	9/8/2015	1,2,4,5,44	
	St. Andrew's-Rummage sale	5/31-6/6	5 - 18 X 24	5/18/2015	1,2,3,4,10	Dexter Winter Marketplace-Winter Farmers Mkt	12/14-12/20	3 - 18 X 24 & 2- 3 X 4	9/8/2015	1,2,4,5,44	
	Dexter Wellness-Yoga in Park	6/1-6/14	5 - 18 X 24	5/6/2015	1,2,4,5,44	Dexter Community Band-Concerts	12/3-12/13	2- 18 X 24 & 2 -2' X 4'	9/30/2015	1,2,5,14	
	Family Fun Day	6/28-7/12	5 - 18 X 24	6/8/2015	1,2,3,4,10						

Location Listing: 1 - Baker/Main, 2 - Central/Mill, 3 - Dexter Ann Arbor/Copeland, 4 - Main/Alpine, 5 - Baker/Cemetery, 6 - Monument Park, 7 - Creekside, 8 - 7610 Dexter Ann Arbor, 9 - Peace Park, 10 - Dexter Ann Arbor/Limits, 11 - Cornerstone, 12 - Bates, 13 - 3443 Inverness, 14 - 7720 Ann Arbor Street, 15 - S. Main/Broad, 16 - N. Main/Broad, 17 - Edison/Ann Arbor Street, 18 - Dover/Fifth, 19 - Central/Fifth, 20 - Broad/Fifth, 21 - Mill Creek Middle School, 22 - Fourth/Inverness, 23 - Dexter Bakery, 24 - Lighthouse, 25 - Dexter Pharmacy 2, 26-Warrior Creek Park Driveway, 27-Dexter Flowers, 28-Terry B's, 29-7795 Ann Arbor St, 30 - 7915 Fourth, 31 - 7651 Dan Hoey, 32 - Wylie, 33-Lions Park, 35-Dexter Crossing Entrance, 36 - Dan Hoey/Dexter Ann Arbor; 37 - Dover/Main, 38 - Fourth/Central, 39 - Baker/Hudson, 40 - Inverness/Ann Arbor, 41 - Main/Jeffords, 42 - Third/Broad; 43 - 3rd/Dover; 44 - Ryan/Dexter Ann Arbor, 45 - Meadowview/Dexter Ann Arbor, 46 - Ice Rink, 47-Dexter Mill/RR tracks, 48-7444 Dexter-Ann Arbor, 49-Park entrance @ Farmers Mkt and Library, 50-2810 Baker/Dexter Wellness entrance, 51-Main/Central

** Dexter Farmers Market will place up to 5 signs on Friday, Saturday and Tuesday from May through October to advertise for the market

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Two Week Report 10.5.2015

DPW

Put down asphalt on 5th

Precon with Highway Maintenance

Trimmed trees by Post Office

Received new bobcat

Responded to illegal dumping complaint at Food Zone

Moved streets sweepings dumpster

Meeting with Cadillac Asphalt

Met Cribley at farmhouse to remove well

Put up/took down banner

Cleaned catch basins

Took down light at fire hall

Put asphalt down on Grand

Met the Sheriff about homecoming parade

Flags down and up

Barricades for Apple Daze

Cleaned leaves downtown

Got park ready for Apple daze

Worked with Judy Johnson on downtown landscaping

Cleaned dumpster areas

Installed "No u turn" sign on baker

Helped flush hydrants

Cleaned up light pole after accident at Peace Park

Blocked streets for homecoming parade

Swept streets

Spread millings on shoulders

Worked on leaf machine

WATER TREATMENT

Right-of-way inspections

Reads (final, beginning, NUBCO)

New meter and MXU install

Depth at well 5 9-21 25.3ft 9-30 26.5ft

Miss digs

Check for high water use

Filled Chlorine and Poly at well 5

Fixed Chlorine scale at well 5

Morning rounds

WASTE WATER TREATMENT

Set up Dan's machine for mi waters

Started new bacti sampling plan - not complete yet

Review NUBCO kitchen plan with Michelle

Managed wwtp high phosphorous loading:

Several days over 10 mg/l influent from 9/26 to 10/5

normal range is 7 to 8 mg/l influent effluent limit is 0.6 mg/l

4 days out of compliance with daily limit

No violations with monthly average

Dexter Crossings mall:

FOG inspections, photos, emergency jetting on Carrington 9/24

Oxford clean and camera 9/30

City lift stations cleaned 10/1

Robert Mester medical leave 9/28 to 10/13 at best

Finished well 5 Cl2 scale rebuild base and display.

Started hydrant flushing with plans of finishing by 10/30

From: Rob Holmen [mailto:rholmen@fveng.com]
Sent: Tuesday, October 06, 2015 12:28 PM
To: dschlaff@dextertermi.gov
Cc: Blair Selover; Aaron Catlin
Subject: schedule update

Dan,

Here is the current update on the tank cleaning based on my conversation with John Schumacher, Metro Sewer on 10/6 at 11am. Metro Sewer will need to receive the test results on 10/9 for the following schedule to be met. Please review the alternate dates based on the test results being received on the outlined dates below. Let me know your thoughts

Base schedule:

- Drop the tanks as planned over the week end (10/11-12)
- Final clean (wash down) on Monday the 12th
- Metro sewer will verify landfill location on Monday the 12th and fill out disposal paper work
- Metro Sewer / FHC/ FVC will be onsite Tuesday the 13th to remove grit from tank and perform header inspection
- Wednesday/Thursday (14/15) FHC to change diffusers and make header repairs

Alternate schedule #1 is based on test results being received on Monday the 12th (verify on 10/8 or 10/9)

- Everything moves back 1 day with tank cleaning being performed on Wednesday the 14th and FHC finishing on the Friday the 16th

Alternate schedule #2, if it is determined that the results will not be available till after the 12th (verify this on 10/8 or 10/9) the following will take place

- Tank would be dropped over the weekend (10/14-15)
- Move above outlined base schedule to the following week with the tank cleaning being performed on 10/20 and events following in the same order

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Memorandum

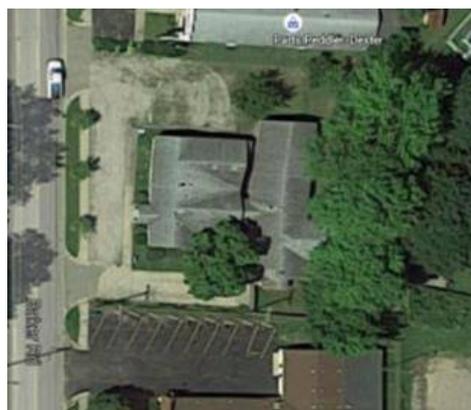
To: Mayor Keough and City Council
Courtney Nicholls, City Manager

From: Michelle Aniol, Community Development Manager

Re: Report for October 12, 2015 Council Meeting

Date: October 6, 2015

- The property at 2870 Baker Road has sold. There is an existing single-story structure occupying the lot. The front portion of the structure was formerly a printing operation. The rear portion of the structure is used as an apartment. Loranger Family Chiropractic HC PC purchased the property. Staff has reached out to Drs. Brian and Anne Loranger to determine their plans for the property.



- Planning Commission will conduct the following public hearings on Monday, November 2nd:
 - Special land use request submitted by Northern United Brewing Company (NUBC) for an expansion of the tasting room to include a dining area.
 - Special land use request submitted by Scott Thomas for an outdoor seating area at 8054 Main Street.
 - Rezoning of First Street Park from R-3 Multiple-Family Residential to PP Public Park.
- Staff met with a representative of Marhofer/Campbell Real Estate. The company was inquiring about redevelopment opportunities in Dexter, primarily for multiple-family housing.
- Following the Developer Interviews, the Review Committee met briefly. While they were impressed with the presentations, they determined the following information was needed, before making a recommendation to the Dexter DDA and City Council:
 - Contact information for at least two (2) communities in which the developer has entered into a public/private partnership, and
 - The Developers terms for entering into a Pre-Development Agreement.

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FOR IMMEDIATE RELEASE

September 20, 2015 – Jackson, MI

For more information: Gary Siegrist, gsiegrist@dahlemcenter.org, (517) 782-3453 or Heather Price, heather@sandhillcranevineyards.com, (517)764-0679

Once again **The Big 400** celebrates autumn with their **Cranes, Colors & Cabernet Festival (and Cider too!)** on **Saturday, October 17, 2015**.

The Greater Sandhill Crane is celebrated with this fun, family-friendly festival. One of the largest Crane sanctuaries in Michigan, the Haehnle Bird Sanctuary is located within The Big 400. In the fall, Sandhill Cranes gather in staging areas like the Haehnle Sanctuary to begin the migration process. During the height of the staging period thousands of Cranes can be seen at the sanctuary.

The festival takes place around The Big 400, the tourism area surrounding the Waterloo and Pinckney Recreation Areas. Here are some of the highlights:

Haehnle Bird Sanctuary

Seymour Road, Jackson - use GPS coordinates: 42.322, -84.289

The Jackson Audubon Society and the Michigan Audubon Society are teaming up together to offer a day filled with activities including a celebration of the 60th anniversary of the Haehnle Sanctuary!

12:00 - Nature walk tour with Haehnle naturalist

2:00 – Nature walk tour with Haehnle naturalist

4:00 – Celebration of 60 years/Talk on natural history of Greater Sandhill Crane by Gary Siegrist

4:30 - Driving car tour to local hot spots to see cranes feeding in fields

5:30 - to dark -- watch cranes return to roosting area at Haehnle, scopes available with bird ID by local experts

Free admission.

Legacy Land Conservancy

Cranes Colors & Cabernet Walk

Sharon Hills Preserve, *Sharon Hollow Road (between Walker and Washburn Roads), Manchester, MI 48158 and*

Beckwith Preserve, *E Main St on north side just after Maple intersection, Stockbridge*

1:00-3:00 pm

As part of the Big 400's fall celebration, join Legacy for guided wine tasting hikes at two of our preserves: Sharon Hills Preserve just north of Manchester, or Beckwith Preserve in Stockbridge. Learn a bit about how and why trees change color in the fall. Each new bend or hilly alcove in the trail may feature a Sandhill Crane vineyard wine or show of anthocyanin color! Register for either walk at stewardship@legacylandconservancy.org or [734.302.5263](tel:734.302.5263).

Sandhill Crane Vineyards

4724 Walz Road, Jackson, 11:00 am to 7:00 pm

In honor of the Cranes, Colors & Cabernet Festival, the winery will release their new vintage of Cabernet Franc. This is the 4th Cabernet wine on the winery's tasting list: Cabernet Sauvignon, Cabernet Franc, Sassy Rose' (Cabernet Franc dry rose'), and Staccato (blend with Cabernet Franc).

The winery is open until 7:00 pm for late Crane watchers to stop by and warm up after their visit to the Haehnle Sanctuary. They will offer tastes of mulled Staccato wine (a Cabernet Franc blend) all day to help warm any cold bird watchers. The winery's new café will be open all day with several specials dishes prepared using Cabernet Sauvignon and/or Cabernet Franc.

For more information call 517.764.0679. Free admission. Wine tasting: \$5 per person

Manchester Agri-Tour

Various locations around Manchester, 9:00 am to 4:00 pm

For further information on this tour, please contact Ray Berg at rayberg@att.net

The Manchester Agri-Tour bus tour will visit two farm locations for demonstrations on technology use in dairy production and the latest in organic farming, along with two historic locations for viewing of reconstructed farm and milling buildings and presentations on 19th century living in Manchester. Also included are a walking tour of downtown Manchester historic churches and the village green, with lunch served in Manchester.

The tour is sponsored by the Village of Manchester DDA and Chamber of Commerce, and funded by the Community Tourism Action Plan through the Ypsilanti Area Convention and Visitors Bureau.

W. J. Hayes State Park

Campground Activity Area, October 17 at 4:00 pm

Come take a hike with the Park Ranger at W. J. Hayes State Park and learn about what the park has to offer, while viewing the beautiful fall colors. Hikers can meet in the Campground Activity Area before departing on a mile-long hike at 4:00 pm.

Hidden Lake Gardens

Tipton, (517)431-2060

The month of October is prime time for autumn foliage color in the Irish Hills, and with 755 acres of gardens, arboretum, and natural areas, Hidden Lake Gardens is the prime location to view fall colors of yellow, orange, red, and russet. We are open every day in October from 9 a.m. to 7 p.m. With six miles of paved driving roads and over 10 miles of hiking trails, there are ample opportunities for visitors to experience the beauty of autumn either by walking, hiking, jogging, driving, or bicycling.

On each Saturday in October, the Exploration Station will be open from 1 to 3 p.m. and will take a closer look at Autumn Leaves.

Thursday, October 15, at 6:30 p.m. is the behind the scenes tour led by Managing Director, Paul Pfeifer. Learn how and why plant leaves change colors in fall and tour areas of Hidden Lake Gardens with amazing fall color.

The A-Z Nature Preschool class takes place on Saturday, October 17, at 10:30 a.m. Children ages 3-7 will explore the natural world of leaves through songs and crafts.

Please call 517-431-2060 for more information and to register for classes and tours.

...And Cider Too!

The Big 400 area is a great spot for cider mills and apples! Here's a partial list of mills:

Chelsea

Eddy Discovery Center, 17030 Bush Rd, cider pressing demo on October 10 & 24

Dexter

Dexter Cider Mill, 3685 Central St., Dexter. (734) 426-8531

Jenny's Farm Stand & Cider Mill, 8366 Island Lake Rd · (734) 424-3431

Irish Hills Area

Cherry Creek Old Schoolhouse Winery (hard cider), 517.592.4663

Siburke's Orchard, 16276 Manitou Beach Rd, Manitou Beach

Jackson

Hanover Orchard, 8631 Hanover Road, Hanover

Hearthstone Farm Market, 3215 Chapel Road, Spring Arbor

Meckley's Flavor Fruit Farm, 11025 S. Jackson Road, Somerset Center

Rex Young Orchards, 2652 Territorial Road, Rives Junction

Sweet Seasons Orchard, 15787 Allman Road, Concord

Manchester

Alber's Orchard and Cider Mill, 13011 Bethel Church Road, Manchester www.alberorchard.com

Ypsilanti

Wiard's Orchards and Country Fair / Cider Mill, 5565 Merritt, Ypsilanti. (734) 390-9211

LATER THAT MONTH: Sandhill Crane Tour, Sunday, October 25, 2:00 pm

Gerald Eddy Discovery Center

17030 Bush Rd, Chelsea, (734)475-3170

Local expert Bill Wells will show a film about Sandhill Cranes and then lead a driving tour to view them around the Waterloo Recreation Area. Visitors can expect to see large flocks of these magnificent birds at close range. Bring binoculars and cameras.

For more information about The Big 400: <http://thebig400.com/> or <https://www.facebook.com/TheBig400>

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CITY OF DEXTER

cnicholls@dextermi.gov

8140 Main Street Dexter, MI 48130-1092 Phone (734)426-8303 ext. 11 Fax (734)426-5614

MEMO

To: Mayor Keough and Council Members
From: Courtney Nicholls, City Manager
Date: October 6, 2015
**Re: City Manager/Assistant to the Manager Report - Meeting of
October 12, 2015**

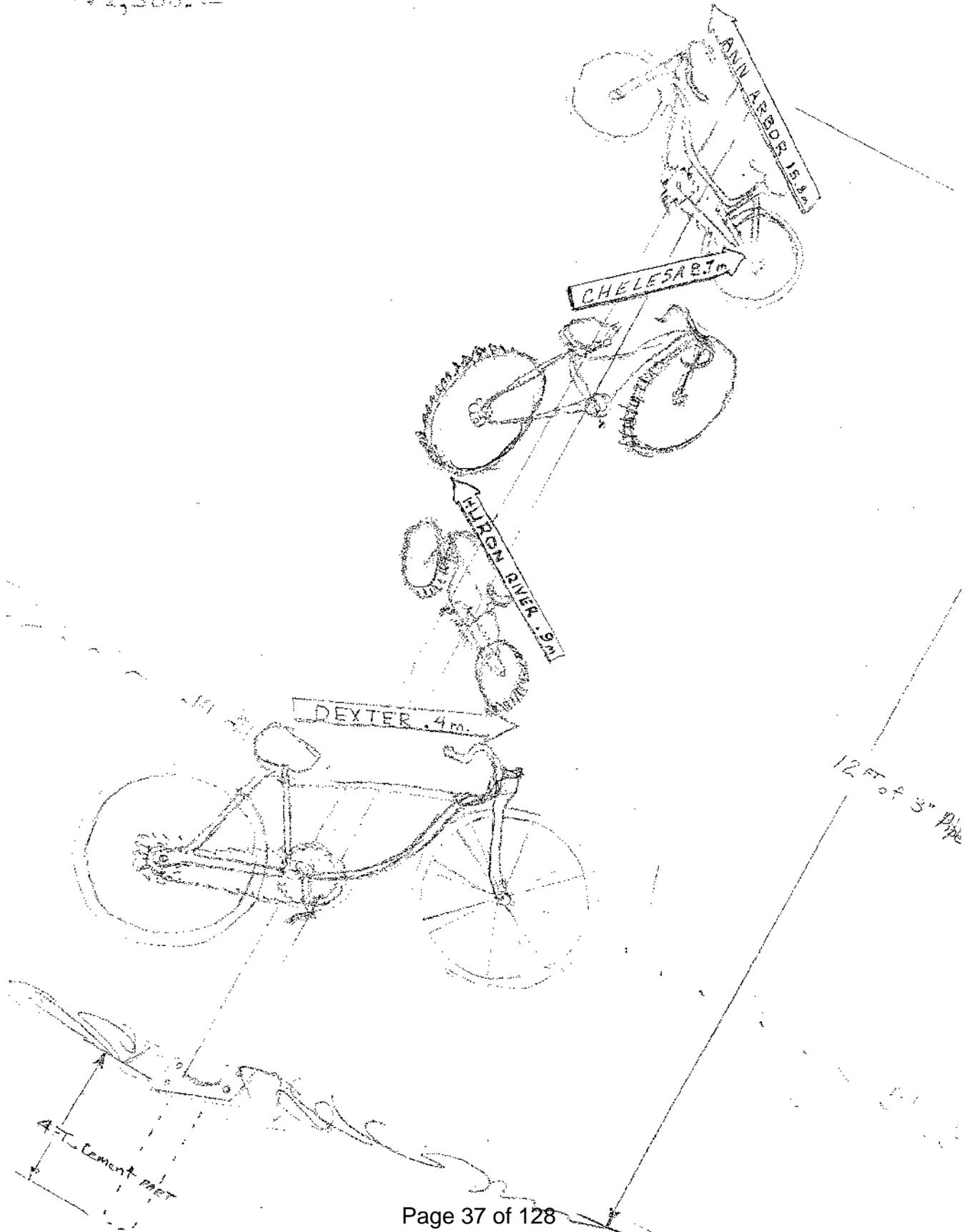
1. Meeting Review:
 - October 2nd – Pat Greve of Waste Management re: contract renewal
 - October 2nd – Facility Committee
 - October 3rd – Mill Creek Park Work Day
 - October 6th – Arts, Culture & Heritage Committee
 -
2. Upcoming Meetings:
 - October 7th – Target Market Analysis Presentation
 - October 14th – Baker/Shield/Dan Hoey Intersection Public Information Meeting
 - October 16th – Keep Michigan Beautiful Awards Luncheon in Frankenmuth
 - October 20th – Parks & Recreation Commission
 - October 22nd – Public Art Selection Committee
3. **Lions Park Playground Equipment.** The Dexter Area School Board will be considering the revised easement agreement at their October 12th meeting. Justin Breyer will be attending the School Board meeting to present this item. Council will then see this item on October 26th.
4. **Road Project Update.** Cadillac completed the mill and overlay work in Huron Farms and on Grand. They will be back in town on Friday, October 9th to finish the restoration. Concord Excavating is scheduled to start on the Third Street project and the Border to Border Trail on October 12th. Highway Maintenance has informed the City that due to delays on their other job they will not be able to come to Dexter until mid week next week and they do not believe that it is in the City's best interest to have the work done this late in the season. The explanation from the contractor is below. We will need to decide whether to allow the contractor to perform the work in May, or re-bid the project.
I just completed visiting my crew in Allegan County. We were rained out one day last week and the colder night time temperatures reduced our production. My supplier also sent me a bad load of material which we discovered when we swept off the stone the next day. I will have to spend another day fixing this problem. It looks like we cannot get to Dexter till the middle of next week at the earliest. I believe it is getting too late to give you a acceptable slurry product this late in the season. It would take use many more days to complete and inconvenience the residents if we had to wait till

mid morning to get to acceptable temperatures and quit early so that the slurry would cure to allow people back into their homes. We are willing to complete this work in late may 2016 with the slurry going after school gets out. We hope we can work for you next spring. Thank you for your consideration.

5. **Bike Sculpture.** For the past several years the idea of a bike sculpture has been discussed by the Arts, Culture & Heritage Committee. The sculpture was approved by the Art Selection Committee in 2013, however I have not brought it up for Council approval because a location needs to be determined. The Ann Arbor Touring Bicycle Society has offered to make a donation towards the sculpture and requested that it be visible to the bicyclists that enter town on Mast/Central and turn onto Huron. The original idea was to place it alongside the Border to Border Trail to Dexter Huron. The plans, however, only call for a five foot grass area between the Department of Public Works drive and the Border to Border Trail, which will not be wide enough. The artist has asked whether it would be possible to incorporate the bike sculpture with the current championship sign at the corner of Huron and Central. His description is as follows: *With all the school titles listed is in a nice little garden and just an ideal spot. What if we could simply mount their sign onto the lower section of the bike sculpture and add the bikes above and off to the sides. We could still position the directional sign parts to direct bikes and post the school teams records.* Staff is looking for feedback on this idea. A drawing of the original idea for the sculpture is attached.
6. **Arts, Culture and Heritage Committee Updates.** The Arts, Culture and Heritage Committee will be reviewing and revising the Public Art Plan. The Plan provides a long-range view for the goals, objectives, and projects that the community strives to tackle with regards to art. The current Plan was adopted in 2012 and great deal of the actionable items in the Plan have been implemented.
7. **Election Updates.** The Election Commission has set the date for the public accuracy test of the AccuVote voting machines for October 22, 2015 at 3:00pm. The public is invited to come and watch as the Election Commission verifies that the AccuVote machines will accurately read election ballots.

BIKE MILE POST

- + 4 FOUND BIKES - 16" - 23" SIZE
- + 4 MILEAGE SIGNS
- + 12 FT. OF (SCH. 40) 3" STEEL PIPE POST
- + 4 FT. CEMENT FOOTING (INSTALLED)
- + \$2,300.00



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**Mayor Report
Shawn Keough
October 12, 2015**

Hello Residents and Council members,

Here is a report of my activities over the past couple of weeks and my calendar looking ahead:

September 29, 2015 - Developer interviews for the redevelopment of 3045 Broad Street.

October 2, 2015 - Meeting with Waste Management regarding future recycling and trash collection

October 2, 2015 - Facility Committee meeting - we reviewed an early draft of our report.

October 3, 2015 - Mill Creek Park Work Day - I worked with Paul Evanoff, our City Manager and Assistant City Manager to remove dead bushes and replant several new plants and bushes.

October 7, 2015 - Target Market Analysis - Public meeting for final report presentation

October 8, 2015 - I will be meeting with the Postmaster to review potential locations for a drive up/drop off mail box in the City.

October 8, 2015 - Fire Chief Selection Committee - meeting to review the fire chief contract

October 14, 2015 - Baker Road/Shield Road/Dan Hoey public meeting to discuss options for a safer intersection

October 15, 2015 - Downtown Development Authority meeting

October 15, 2015 - Dexter Area Fire Department - I am not going to be able to attend this meeting due to a work conflict. I anticipate that the Board will hire our new fire chief at this meeting.

October 22, 2015 - SEMCOG General Assembly meeting

October 26, 2015 - City Council meeting

Please feel free to contact me at any time with questions or suggestions.

I look forward to seeing you around our town.

Shawn Keough

Mayor, City of Dexter

skeough@DexterMI.gov

(313) 363-1434 (cell)

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SUMMARY OF BILLS AND PAYROLL			10/12/2015
Payroll Check Register	09/30/15	\$35,598.86	Regular Pay
Payroll Check Register	09/30/15	\$4,690.00	Council First Quarter
Employer Costs (paid via electronic transfer)	09/30/15	\$3,189.87	Regular Pay
Employer Costs (paid via electronic transfer)	09/30/15	\$358.79	Council First Quarter
Account Payable Check Register		\$402,235.60	
		\$446,073.12	TOTAL BILLS & PAYROLL EXPENDED ALL FUNDS
The due date column on the accounts payable worksheets represents the date of the Council meeting			
ALL PAYABLES ARE WITHIN ACCEPTABLE BUDGET LIMITS			
DETAIL VENDOR LIST AND ACCOUNT SUMMARY PROVIDED			
<i>"This is the summary report that will be provided with each packet. Approval of the total bills and payroll expended, all funds will be necessary."</i>			

BANK CODE: POOL

Claimant	Amount Claimed	Amount Owed	Amount Rejected
1. ALEXANDER CHEMICAL CORPORATION	1,040.88		
2. ARBOR CARE TREE SURGEONS	1,630.00		
3. ARBOR LAND CONSULTANTS, INC.	450.00		
4. ARBOR SPRINGS WATER CO.INC	39.00		
5. CADILLAC ASPHALT, LLC	206,730.59		
6. CARLISLE-WORTMAN ASSOCIATES	455.00		
7. CHAMPION WATER TREATMENT	9.50		
8. CIESA DESIGN	198.00		
9. CINTAS CORPORATION	1,110.54		
10. CITY SERVICES, INC.	3,775.00		
11. CMYK IMPERIAL PRINTING	55.00		
12. COMCAST	183.66		
13. CORRIGAN OIL COMPANY	313.42		
14. CRIBLEY WELL DRILLING CO INC	400.00		
15. DAN O'NEILL	100.00		
16. DEXTER MILL	950.10		
17. DIVERSIFIED INSPECTION INDEPEN	917.38		
18. DORNBOS SIGN & SAFTEY INC.	65.06		
19. DTE ENERGY	8,956.76		
20. DYKEMA GOSSETT PLLC	4,514.20		
21. ECONO	3,125.14		
22. EJ USA, INC.	522.79		
23. ERIC HARTMAN	134.55		
24. ETNA SUPPLY CO	2,588.00		
25. FIRST ADVANTAGE	41.00		
26. GOOGLE INC	125.00		
27. GRAINGER	141.90		
28. GREEN GUYS LAWN AND LANDSCAPE	574.00		
29. GRIFFIN PEST CONTROL INC	250.00		
30. GRISSOM JANITORIAL	320.00		
31. HACKNEY HARDWARE	418.20		
32. LANDUSE USA, LLC	12,000.00		
33. LESSORS WELDING SUPPLY	108.90		
34. METRO ENVIROMENTAL SERVICES	4,175.00		
35. MICHIGAN CAT	190.58		
36. NATIONAL RECREATION AND PARK	165.00		
37. NORTH CENTRAL LABORATORIES	535.66		
38. NORTHERN SAFETY CO INC	299.11		
39. ORCHARD, HILTZ & MCCLIMENT INC	24,436.49		
40. PARAGON LABORATORIES INC	55.00		
41. PARTS PEDDLER AUTO SUPPLY	340.12		
42. PAUL EVANOFF	1,464.15		
43. PNC	174.98		
44. PRINT-TECH, INC.	35.20		
45. RENIUS & RENIUS	2,496.00		
46. RICHARD BROTHERS PAINTING	190.00		
47. RUHLIGS PRODUCE	133.00		
48. SCALETRON	638.17		
49. THE ENCORE MUSICAL THEATRE CO	125.00		
50. THOMAS J RYAN P.C	682.50		

Claimant	Amount Claimed	Amount Owed	Amount Rejected
51. THOMSON REUTERS	273.00		
52. US BANK CORPORATE TRUST	31,588.75		
53. USA BLUE BOOK	683.35		
54. VARNUM, RIDDERING, SCHMIDT	415.40		
55. VERIZON WIRELESS	490.22		
56. WASHTENAW COUNTY TREASURER	38,789.25		
57. WASTE MANAGEMENT OF MICHIGAN	41,616.10		
TOTAL ALL CLAIMS	402,235.60		

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 101 GENERAL FUND							
Dept 000 ASSETS, LIABILITIES & REVENUE							
101-000-255.001	DEPOSITS FOR PAYMENT TO OJLANDUSE USA, LLC		ACCT # 6433	10/05/15	10/14/15	12,000.00	
						Total For Dept 000 ASSETS, LIABILITIES & REVENUE	12,000.00
Dept 101 CITY COUNCIL							
101-101-955.000	MISCELLANEOUS	PNC	SEPT 2015	10/05/15	10/14/15	34.98	
101-101-959.000	ARTS, CULTURE & HERITAGE	CMYK IMPERIAL PRINTING	ARTS	1899	10/14/15	55.00	
101-101-959.000	ARTS, CULTURE & HERITAGE	ECONO	ARTS	56493	10/12/15	1,562.02	
						Total For Dept 101 CITY COUNCIL	1,652.00
Dept 201 FINANCE DEPARTMENT							
101-201-802.000	PROFESSIONAL SERVICES	THOMSON REUTERS	SEPT 2015	10/05/15	10/14/15	273.00	
						Total For Dept 201 FINANCE DEPARTMENT	273.00
Dept 210 ATTORNEY							
101-210-810.000	ATTORNEY FEES	DYKEMA GOSSETT PLLC	WWTP	3008974	10/12/15	4,174.20	
101-210-810.000	ATTORNEY FEES	THOMAS J RYAN P.C	LEGAL	10647	10/14/15	682.50	
						Total For Dept 210 ATTORNEY	4,856.70
Dept 257 ASSESSING DEPARTMENT							
101-257-803.000	CONTRACTED SERVICES	RENIUS & RENIUS	OCTOBER 2015	10/05/15	10/14/15	2,496.00	
						Total For Dept 257 ASSESSING DEPARTMENT	2,496.00
Dept 265 BUILDINGS & GROUNDS							
101-265-727.000		ARBOR SPRINGS WATER CO	DPW	1581709	10/14/15	39.00	
101-265-727.000		HACKNEY HARDWARE	ACCT # 6430	10/05/15	10/14/15	18.27	
101-265-803.000	CONTRACTED SERVICES	CIESA DESIGN	SEPTEMBER	12428	10/12/15	198.00	
101-265-803.000	CONTRACTED SERVICES	GOOGLE INC	DEXTERMI.GOV	3358718221	10/12/15	125.00	
101-265-803.000	CONTRACTED SERVICES	GRIFFIN PEST CONTROL I	8140 MAIN	10/05/15	10/14/15	250.00	
101-265-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	561.28	
101-265-935.000		CINTAS CORPORATION	SEPT 2015	10/05/15	10/14/15	143.66	
101-265-935.001		GRISSOM JANITORIAL	SEPT 2015	129	10/14/15	320.00	
						Total For Dept 265 BUILDINGS & GROUNDS	1,655.21
Dept 285 CITY TREE PROGRAM							
101-285-803.000	CONTRACTED SERVICES	ARBOR CARE TREE SURGEO	TREES	10/05/15	10/14/15	1,630.00	
						Total For Dept 285 CITY TREE PROGRAM	1,630.00
Dept 301 LAW ENFORCEMENT							
101-301-807.000		WASHTENAW COUNTY TREAS	OCTOBER 2015	26978	10/12/15	38,789.25	
101-301-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	262.15	
						Total For Dept 301 LAW ENFORCEMENT	39,051.40
Dept 336 FIRE DEPARTMENT							
101-336-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	262.15	
						Total For Dept 336 FIRE DEPARTMENT	262.15
Dept 441 DEPARTMENT OF PUBLIC WORKS							
101-441-740.000	OPERATING SUPPLIES	CHAMPION WATER TREATME	DPW	10/05/15	10/14/15	9.50	
101-441-740.000	OPERATING SUPPLIES	CINTAS CORPORATION	SEPT 2015	10/05/15	10/14/15	26.22	
101-441-740.000	OPERATING SUPPLIES	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	79.60	
101-441-740.000	OPERATING SUPPLIES	LESSORS WELDING SUPPLY	DPW	278876	10/14/15	54.45	
101-441-740.000	OPERATING SUPPLIES	LESSORS WELDING SUPPLY	DPW	282271	10/14/15	54.45	
101-441-745.000		CINTAS CORPORATION	SEPT 2015	10/05/15	10/14/15	455.26	
101-441-745.000	UNIFORM ALLOWANCE	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	2.29	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 101 GENERAL FUND							
Dept 441 DEPARTMENT OF PUBLIC WORKS							
101-441-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	1,303.70	
101-441-920.001	UTILITIES - TELEPHONES	VERIZON WIRELESS	CELLULAR	10/05/15	10/12/15	187.78	
101-441-957.000	MISCELLANEOUS FEES	FIRST ADVANTAGE	DPW	2511071507	10/14/15	41.00	
Total For Dept 441 DEPARTMENT OF PUBLIC WORKS						2,214.25	
Dept 442 DOWNTOWN PUBLIC WORKS							
101-442-730.000	FARMERS MARKET SUPPLIES	THE ENCORE MUSICAL	THE FARMERS MARKET	1101	10/14/15	125.00	
101-442-731.000	LANDSCAPE SUPPLIES	DEXTER MILL	SEPT 2015	10/05/15	10/14/15	950.10	
101-442-731.000	LANDSCAPE SUPPLIES	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	73.02	
101-442-731.000	LANDSCAPE SUPPLIES	RUHLIGS PRODUCE	FALL DECORATIONS	7710	10/14/15	133.00	
101-442-740.000	OPERATING SUPPLIES	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	27.98	
101-442-802.000	PROFESSIONAL SERVICES	RICHARD BROTHERS PAINT	OCTOBER 2015	21246	10/14/15	190.00	
101-442-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	449.69	
Total For Dept 442 DOWNTOWN PUBLIC WORKS						1,948.79	
Dept 447 ENGINEERING							
101-447-830.000	ENGINEERING CONSULTING	ORCHARD, HILTZ & MCCLI	SERVICES THRU 08/08/2015	10/06/15	10/12/15	2,622.75	
Total For Dept 447 ENGINEERING						2,622.75	
Dept 751 PARKS & RECREATION							
101-751-731.000	LANDSCAPE SUPPLIES	GREEN GUYS LAWN AND LA	TREES	10/05/15	10/14/15	574.00	
101-751-731.000	LANDSCAPE SUPPLIES	PAUL EVANOFF	LANDSCAPE SUPPLIES	384628	10/12/15	1,464.15	
101-751-802.000	PROFESSIONAL SERVICES	ARBOR LAND CONSULTANTS	HOSESHOE PARK	3792	10/12/15	450.00	
101-751-937.000	EQUIPMENT MAINTENANCE & RE	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	30.19	
101-751-958.000	MEMBERSHIPS & DUES	NATIONAL RECREATION AN	DPW	10/05/15	10/14/15	165.00	
Total For Dept 751 PARKS & RECREATION						2,683.34	
Dept 850 LONG-TERM DEBT							
101-850-996.004	06 FACILITIES BOND INTERES	US BANK CORPORATE TRUS	GO BOND	10/05/15	10/14/15	25,778.75	
Total For Dept 850 LONG-TERM DEBT						25,778.75	
Dept 901 CAPITAL IMPROVEMENTS							
101-901-975.011	PROPERTY ACQUISITION	CRIBLEY WELL DRILLING	7651 DAN HEOY	67536	10/12/15	400.00	
Total For Dept 901 CAPITAL IMPROVEMENTS						400.00	
Total For Fund 101 GENERAL FUND						99,524.34	
Fund 202 MAJOR STREETS FUND							
Dept 451 CONTRACTED ROAD CONSTRUCTION							
202-451-974.000	CIP CAPITAL IMPROVEMENTS	CADILLAC ASPHALT, LLC	PAVING IMPROVEMENTS	10/07/15	10/12/15	100,000.00	
Total For Dept 451 CONTRACTED ROAD CONSTRUCTION						100,000.00	
Dept 463 ROUTINE MAINTENANCE							
202-463-802.000	PROFESSIONAL SERVICES	ORCHARD, HILTZ & MCCLI	SERVICES THRU 08/08/2015	10/06/15	10/12/15	531.88	
Total For Dept 463 ROUTINE MAINTENANCE						531.88	
Dept 474 TRAFFIC SERVICES							
202-474-740.000	OPERATING SUPPLIES	DORNBOS SIGN & SAFTEY	DPW	22877	10/14/15	65.06	
Total For Dept 474 TRAFFIC SERVICES						65.06	
Total For Fund 202 MAJOR STREETS FUND						100,596.94	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 203 LOCAL STREETS FUND							
Dept 451 CONTRACTED ROAD CONSTRUCTION							
203-451-970.000	CONTRACTED CAPITAL IMPROVE	CADILLAC ASPHALT, LLC	PAVING IMPROVEMENTS	10/07/15	10/12/15	106,730.59	
203-451-970.000	CONTRACTED CAPITAL IMPROVE	ORCHARD, HILTZ & MCCLI	SERVICES THRU 08/08/2015	10/06/15	10/12/15	542.50	
203-451-974.001	OTHER CAPITAL IMPROVEMENTS	ORCHARD, HILTZ & MCCLI	SERVICES THRU 08/08/2015	10/06/15	10/12/15	2,797.50	
Total For Dept 451 CONTRACTED ROAD CONSTRUCTION						110,070.59	
Dept 474 TRAFFIC SERVICES							
203-474-802.000	PROFESSIONAL SERVICES	ORCHARD, HILTZ & MCCLI	SERVICES THRU 08/08/2015	10/06/15	10/12/15	790.00	
Total For Dept 474 TRAFFIC SERVICES						790.00	
Total For Fund 203 LOCAL STREETS FUND						110,860.59	
Fund 226 SOLID WASTE COLLECTION FUND							
Dept 528 SOLID WASTE							
226-528-805.000	CONTRACTED SOLID WASTE SEF	WASTE MANAGEMENT OF MI	SEPTEMBER	8375868	10/12/15	41,052.61	
226-528-806.000	CONTRACTED COMPOSTING	WASTE MANAGEMENT OF MI	SEPTEMBER	8375868	10/12/15	563.49	
226-528-901.000	PRINTING & PUBLISHING	PRINT-TECH, INC.	WWTP	228494	10/14/15	11.73	
Total For Dept 528 SOLID WASTE						41,627.83	
Total For Fund 226 SOLID WASTE COLLECTION FUND						41,627.83	
Fund 303 GENERAL DEBT SERVICE FUND (VOTED BONDS)							
Dept 570 STREETSCAPE							
303-570-991.003	02 GO BOND REFUNDING INTEF	US BANK CORPORATE TRUS	GO BOND INTEREST	10/05/15	10/14/15	5,810.00	
Total For Dept 570 STREETSCAPE						5,810.00	
Total For Fund 303 GENERAL DEBT SERVICE FUND (VOTI						5,810.00	
Fund 402 EQUIPMENT REPLACEMENT FUND							
Dept 441 DEPARTMENT OF PUBLIC WORKS							
402-441-939.000	VEHICLE MAINTENANCE & REP	DIVERSIFIED INSPECTION	DPW	254987	10/14/15	917.38	
402-441-939.000	VEHICLE MAINTENANCE & REP	MICHIGAN CAT	DPW	PD5627713	10/14/15	190.58	
402-441-939.000		PARTS PEDDLER AUTO SUP	SEPT 2015	10/05/15	10/14/15	317.53	
Total For Dept 441 DEPARTMENT OF PUBLIC WORKS						1,425.49	
Total For Fund 402 EQUIPMENT REPLACEMENT FUND						1,425.49	
Fund 590 SEWER ENTERPRISE FUND							
Dept 000 ASSETS, LIABILITIES & REVENUE							
590-000-043.000	DUE FROM PRIVATE ENTITIES	METRO ENVIROMENTAL SER	WWTP	54998	10/12/15	1,610.00	
Total For Dept 000 ASSETS, LIABILITIES & REVENUE						1,610.00	
Dept 248 ADMINISTRATION							
590-248-811.000	ATTORNEY FEES - MISCELLANE	DYKEMA GOSSETT PLLC	WWTP	3008974	10/12/15	170.00	
590-248-811.000	ATTORNEY FEES - MISCELLANE	VARNUM, RIDDERING, SCH	7651 DAN HEOY	957440	10/12/15	415.40	
Total For Dept 248 ADMINISTRATION						585.40	
Dept 548 SEWER UTILITIES DEPARTMENT							
590-548-740.000	OPERATING SUPPLIES	USA BLUE BOOK	WWTP	760993	10/12/15	165.74	
590-548-742.000	CHEMICAL SUPPLIES - PLANT	ALEXANDER CHEMICAL COR	WWTP	10037736	10/12/15	50.26	
590-548-742.000	CHEMICAL SUPPLIES - PLANT	ALEXANDER CHEMICAL COR	WWTP	10037823	10/12/15	990.62	
590-548-743.000		HACKNEY HARDWARE	ACCT # 6432	10/05/15	10/14/15	40.42	
590-548-743.000		NORTH CENTRAL LABORATO	WWTP	362216	10/12/15	535.66	
590-548-745.000		CINTAS CORPORATION	SEPT 2015	10/05/15	10/14/15	289.57	
590-548-751.000		CORRIGAN OIL COMPANY	WWTP	6134411	10/14/15	313.42	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 590 SEWER ENTERPRISE FUND							
Dept 548 SEWER UTILITIES DEPARTMENT							
590-548-802.000	PROFESSIONAL SERVICES	ORCHARD, HILTZ & MCCLI SERVICES THRU 08/08/2015		10/06/15	10/12/15	673.62	
590-548-803.005	SEWER LINE MAINTENANCE	METRO ENVIROMENTAL SER WWTP		55074	10/14/15	2,565.00	
590-548-901.000	PRINTING & PUBLISHING	ECONO		17226	10/12/15	781.56	
590-548-901.000	PRINTING & PUBLISHING	PRINT-TECH, INC.	WWTP	228494	10/14/15	11.73	
590-548-920.000	UTILITIES	COMCAST	7651 DAN HEOY	10/07/15	10/12/15	91.83	
590-548-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	4,613.79	
590-548-920.000	UTILITIES	VERIZON WIRELESS	CELLULAR	10/05/15	10/12/15	225.49	
590-548-935.000	BUILDING MAINTENANCE & REPAIR	HACKNEY HARDWARE	ACCT # 6432	10/05/15	10/14/15	61.05	
590-548-937.000	EQUIPMENT MAINTENANCE & REPAIR	HACKNEY HARDWARE	ACCT # 6432	10/05/15	10/14/15	9.48	
590-548-937.000	EQUIPMENT MAINTENANCE & REPAIR	USA BLUE BOOK	WWTP	752664	10/14/15	65.93	
590-548-938.000	LAB EQUIPMENT MAINTENANCE	HACKNEY HARDWARE	ACCT # 6432	10/05/15	10/14/15	0.78	
Total For Dept 548 SEWER UTILITIES DEPARTMENT						11,485.95	
Total For Fund 590 SEWER ENTERPRISE FUND						13,681.35	
Fund 591 WATER ENTERPRISE FUND							
Dept 248 ADMINISTRATION							
591-248-811.000	ATTORNEY FEES - MISCELLANEOUS	DYKEMA GOSSETT PLLC	WWTP	3008974	10/12/15	170.00	
Total For Dept 248 ADMINISTRATION						170.00	
Dept 556 WATER UTILITIES DEPARTMENT							
591-556-740.000		HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	19.75	
591-556-740.000	OPERATING SUPPLIES	USA BLUE BOOK	WWTP	758679	10/12/15	9.59	
591-556-745.000		CINTAS CORPORATION	SEPT 2015	10/05/15	10/14/15	195.83	
591-556-802.000	PROFESSIONAL SERVICES	ORCHARD, HILTZ & MCCLI SERVICES THRU 08/08/2015		10/06/15	10/12/15	1,446.26	
591-556-824.000	TESTING & ANALYSIS	PARAGON LABORATORIES I	WWTP	42155-88438	10/14/15	55.00	
591-556-901.000	PRINTING & PUBLISHING	ECONO		17226	10/12/15	781.56	
591-556-901.000	PRINTING & PUBLISHING	PRINT-TECH, INC.	WWTP	228494	10/14/15	11.74	
591-556-920.000	UTILITIES	COMCAST	7651 DAN HEOY	10/07/15	10/12/15	91.83	
591-556-920.000	UTILITIES	DTE ENERGY	SEPT 2015	10/05/15	10/12/15	1,504.00	
591-556-920.000	UTILITIES	VERIZON WIRELESS	CELLULAR	10/05/15	10/12/15	76.95	
591-556-935.000	BUILDING MAINTENANCE & REPAIR	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	12.78	
591-556-935.000	BUILDING MAINTENANCE & REPAIR	PARTS PEDDLER AUTO SUP	SEPT 2015	10/05/15	10/14/15	22.59	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	CITY SERVICES, INC.	WWTP	8101582560.001	10/14/15	3,775.00	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	EJ USA, INC.	WWTP	3887745	10/14/15	111.83	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	EJ USA, INC.	WWTP	3887730	10/14/15	410.96	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	GRAINGER	WWTP	9849915443	10/14/15	141.90	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	HACKNEY HARDWARE	ACCT # 6432	10/05/15	10/14/15	9.48	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	HACKNEY HARDWARE	ACCT # 6433	10/05/15	10/14/15	33.11	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	NORTHERN SAFETY CO INC	WWTP	901619410	10/14/15	299.11	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	SCALETRON	GO BOND INTEREST	16108	10/14/15	638.17	
591-556-937.000	EQUIPMENT MAINTENANCE & REPAIR	USA BLUE BOOK	WWTP	756116	10/14/15	442.09	
591-556-960.000	EDUCATION & TRAINING	DAN O'NEILL	PAINT DEXTER	09/30/15	09/30/15	100.00	42991
591-556-960.000	EDUCATION & TRAINING	PNC	TRAINING	09/30/15	09/30/15	140.00	42992
591-556-960.000	EDUCATION & TRAINING	ERIC HARTMAN	WWTP	10/05/15	10/14/15	134.55	
591-556-961.000	WELLHEAD PROTECTION PROGRAM	ORCHARD, HILTZ & MCCLI SERVICES THRU 08/08/2015		10/06/15	10/12/15	8,725.00	
591-556-977.000	EQUIPMENT	ETNA SUPPLY CO	WWTP	10/05/15	10/14/15	2,588.00	
Total For Dept 556 WATER UTILITIES DEPARTMENT						21,777.07	
Total For Fund 591 WATER ENTERPRISE FUND						21,947.07	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 701 TRUST & AGENCY FUND							
Dept 000 ASSETS, LIABILITIES & REVENUE							
701-000-254.000-0MEDOF SPR-DAN HOEY MEDOFFICE	CARLISLE-WORTMAN	ASSOC MEDICAL BUILDING		2137170	10/12/15	455.00	
701-000-254.000-0MEDOF SPR-DAN HOEY MEDOFFICE	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	1,131.24	
701-000-254.000-0MEDOF SPR-DAN HOEY MEDOFFICE	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	925.00	
701-000-254.000-STRAWB SPR - STRAWBERRY ALARM CLC	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	1,293.75	
701-000-254.000-VARIET SPR - VARIETY DIE & STAMP	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	525.00	
701-000-254.100-MC3-00 CONST E - MC3	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	1,174.00	
701-000-254.100-VARIET CONST E - VARIETY DIE & ST	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	401.00	
701-000-254.100-VARIET CONST E - VARIETY DIE & ST	ORCHARD, HILTZ & MCCLI	SERVICES THRU 7/110 AND 08/08 2015		10/06/15	10/12/15	857.00	
Total For Dept 000 ASSETS, LIABILITIES & REVENUE						6,761.99	
Total For Fund 701 TRUST & AGENCY FUND						6,761.99	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund Totals:							
			Fund 101 GENERAL FUND			99,524.34	
			Fund 202 MAJOR STREETS FUND			100,596.94	
			Fund 203 LOCAL STREETS FUND			110,860.59	
			Fund 226 SOLID WASTE COLLECTION FUND			41,627.83	
			Fund 303 GENERAL DEBT SERVICE FUND (V			5,810.00	
			Fund 402 EQUIPMENT REPLACEMENT FUND			1,425.49	
			Fund 590 SEWER ENTERPRISE FUND			13,681.35	
			Fund 591 WATER ENTERPRISE FUND			21,947.07	
			Fund 701 TRUST & AGENCY FUND			6,761.99	
Total For All Funds:						<u>402,235.60</u>	

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CITY OF DEXTER

cnicholls@dextermi.gov

8140 Main Street Dexter, MI 48130-1092

Phone (734)426-8303

Fax (734)426-5614

MEMO

To: Mayor Keough and Council
From: Dan Schlaff, Superintendent and Courtney Nicholls, City Manager
Date: October 5, 2015
Re: New Hire –Public Utility Operator

The position announcement for a full-time Public Utility Operator was distributed in July with a first review of applications deadline of July 24, 2015, and an open until filled notation. We received 10 resumes on or before July 24, 2015. Five candidates were chosen for interviews which were conducted in mid-September by Courtney Nicholls, Dan Schlaff and Justin Breyer.

Based on the interview and reference comments, the team recommends Ronald “Rick” Chabot for the position. His experience, personality, and knowledge of the community make him an excellent fit for this position. Rick worked part time for Multi Lakes Sewer Authority from 2003-2011, while also working for Industrial Tectonics until 2014. Since February 2015, Rick has worked part time for Hamburg Township Department of Public Works, assisting with the maintenance and repair of the sanitary sewer system and pump stations. He has experience with Miss Digg, repairing pumps, responding to emergencies, working with the public, repairing equipment, and basic lab work.

Staff contacted Libby Brushaber, Rick’s former supervisor at Multi Lakes and Rick Kangas, Rick’s current employer as references. Both references referred to Rick as one of their best employees and emphasized that he takes pride in everything that he does. They also stated that he is reliable and has a good rapport with co-workers.

Rick will be hired at step 3 of the pay scale. The annual wage impact will be \$33,447, which is within the budgeted amount for the position. At this time he will not be taking health care benefits. His start date will be October 15, 2015 contingent upon approval by Council at the October 12, 2015 Council meeting. Due to his part time status in Hamburg Township he will be able to work there Monday through Wednesday and here Thursday through Sunday during his two week notice period. He will serve a 6-month probationary period.

As a Public Utility Operator, Rick will perform both wastewater and water operations. His first tasks will be performing the morning reads and learning the process for lab work. Once he is trained, he will be placed on the weekend rotation and will be on call. Rick will also be cross trained to assist the DPW to perform tasks, as needed.

The selection team is requesting that Council authorize the appointment of Ronald “Rick” Chabot effective October 15, 2015. Filling this position will bring the number of full time City employees to 16. We are currently budgeted for 17 and will be making a recommendation to fill the 17th position once the non-duty disability retirement of one of our current employees is finalized.

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OFFICE OF THE CITY MANAGER

8140 Main Street • Dexter, Michigan 48130-1092 • (734) 426-8303 • Fax (734) 426-5614

Memorandum

To: Mayor Keough and City Council
From: Courtney Nicholls, City Manager
Re: Discussion of: Wellhead Protection Plan Update
Date: October 7, 2015

Dexter first created a Wellhead Protection Plan in 2001. The purpose of the Wellhead Protection Plan is to protect the public water supply from contaminants that may have adverse health effects if they were to reach the water supply wells.

In 2015, staff applied for and received a grant from the State of Michigan to update the Plan. A draft of the updated Plan is provided for Council's review and comment. One area for discussion is the inclusion of a wellhead protection overlay zone in the zoning ordinance (page 12). If so, we could include it with the current zoning ordinance update. We will also be receiving comments from the State of Michigan once they have reviewed it.

No action is necessary at this time.

WELLHEAD PROTECTION PLAN

**CITY OF DEXTER
WASHTENAW COUNTY, MICHIGAN**

**OHM Project No. 0130-15-0040
September 2001
First Revision March 2002
Second Revision September 2015**

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I. Introduction

Water service for the City of Dexter (the City) is provided by the City Utility Department, through an existing water system. The water source for the City is two groundwater aquifers. The Ryan Drive well field is located near the intersection of Ryan Drive and Dexter-Ann Arbor Road, behind LaFontaine Chevrolet. The Shield Road well field is located near the intersection of N. Parker Road and Shield Road, behind Dexter High School. The aquifer at the Ryan Drive well field is located approximately 200 feet below ground surface, and the aquifer at Shield Road well field is located approximately 70 feet below ground surface. Figure 1 shows the existing City of Dexter water system, and Figure 2 shows the City's stormwater drainage system.

The City of Dexter recognizes their drinking water aquifer as a valuable natural resource, and has developed a Wellhead Protection Program (WHPP) in order to protect it. The overall goal of the City of Dexter Wellhead Protection Program is to protect the public water supply from contaminants that may have adverse health effects if they were to reach the water supply wells. This goal is to be accomplished through a combination of public awareness, planning, education, and management programs to achieve a greater understanding of the ground water resource.

The City receives a variety of benefits through the establishment of the WHPP. These benefits include:

- Protection of the drinking water supply
- Promotion of the health and safety for the City residents
- Protection of the City's financial investment in the water supply system
- Possible reduction in monitoring requirements for the City
- State support for remediation of sites of environmental contamination within the wellhead protection area
- State agency regulatory inspections targeted to wellhead protection areas

This Wellhead Protection Program has been funded through a combined effort by the City of Dexter and the Michigan Department of Environmental Quality, through a Wellhead Protection Grant. Through this grant, the State of Michigan has provided funds matching that of the City for wellhead protection activities.

The Safe Drinking Water Act, as amended in 1986, sets forth the requirements of a Wellhead Protection Program. The following seven elements are included in WHPPs:

- Roles, Responsibilities and Creation of a Wellhead Protection Group
- Wellhead Protection Area Delineation
- Potential Sources of Contamination
- Wellhead Protection Area Management
- Contingency Plan
- Siting of New Wells
- Public Education and Participation

These required elements are met through the individual sections of this WHPP.

A. Background Information on the City of Dexter

The City of Dexter is located in Washtenaw County, Michigan. Figure 3 shows an overall location map for the City of Dexter. The land generally slopes from south to north (toward the Huron River), with elevations ranging from 930 feet above sea level (fasl) to 850 fasl.

The current residential population is approximately 4,800 according to Southeast Michigan Council of Government (SEMCOG) census data. Residential users comprise the vast majority of land development in the City of Dexter. The City zoning map is included as Figure 4.

The City of Dexter water system supplies water to all City residents (see Figure 1). The original water system was constructed in the 1930s. Much of the water system has been updated since 1986. As previously stated, the majority of customers within the City are residential.

The City historically drew groundwater from a well field located at the iron removal plant. In 2000, a new well field was installed near the intersection of Ryan Drive and Dexter-Ann Arbor Road (Ryan Drive well field). The installation included 3 wells with pumps capable of 1,100 gallons per minute (gpm) with a firm capacity of 800 gpm. The system contained approximately 110,000 feet of 4-inch, 8-inch, 12-inch, and 16-inch pipes, constructed of cast iron and ductile iron. The system has one 500,000-gallon elevated storage tank and no booster pump stations.

In 2005, a 200 gallon per minute well was added to the system at the Ryan Drive well field, (fourth well). In 2010, a 340 gpm well was added to the system behind Dexter High school on Shield Road (Shield Road well field, fifth well), and 7,900 feet of 8-inch ductile iron pipe was installed which replaced old 4-inch and 6-inch cast iron water main. In 2011, an additional 7,800 feet of 8-inch ductile iron pipe replaced most of the remaining 4-inch and 6 inch cast iron pipes, improving flow, system reliability, and fire protection flows. In 2014, 2,000 feet of 8-inch ductile iron pipe was added to the system.

II. City of Dexter Wellhead Protection Group

The City of Dexter Wellhead Protection Group was formed to assist the City with the development of the Wellhead Protection Plan, the adoption of wellhead protection area management practices, identification of contaminant sources, abandonment of groundwater wells no longer in use, and the creation of public educational materials. Representatives from the State of Michigan, Washtenaw County, and the City of Dexter governmental agencies were invited to participate. The following individuals participated in the Wellhead Protection Group activities:

- Shawn Keough, City Mayor
- Courtney Nicholls, City Manager
- Michelle Aniol, City Zoning Administrator
- Courtney Nicholls, Program Coordinator
- Doug Lewan, Carlisle Wortman & Associates
- Dan Schlaff, City Superintendent of Utilities
- Andrea Dorney, City Utilities Department Technical Operations Manager
- Jim Carson, Council Member
- Donna Fisher, Council Member
- Julie Knight, City Council Member
- Joe Semifero, Council Member
- Jim Smith, Council Member
- Ray Tell, Council Member
- Sean Burton, Building and Grounds Director, Dexter Community Schools
- Donald Dettling, Dexter Area Fire Department
- Elizabeth Riggs, Huron River Watershed Council
- Kris Olsson, Water Resource Specialist, Huron River Watershed Council
- Amanda Carlson, Geologist, Wellhead Protection Unit, MDEQ
- Richard Badics, Washtenaw Co DEIS/EH Project Coordinator
- Michael Gebhard, Washtenaw Co DEIS

- Dan Whalen, Williams and Works
- Vicki Putala, OHM Advisors
- Patrick Droze, OHM Advisors
- Rhett Gronevelt, OHM Advisors

A. City of Dexter Wellhead Protection Team

- City Manager; Current Representative, Ms. Courtney Nicholls
The City Manager will be responsible for providing support and guidance in the budgeting and implementation of the WHPP and make a commitment to set aside money in the budget to ensure future activity and updating of the WHPP. The City Manager will also promote the importance of the WHPP to the administrative staff, the City Council and the Planning Commission, who can then promote the program to the community at large.
- City Mayor; Current Representative, Mr. Shawn Keough
The City Mayor will be an informant to the public about WHPP impacts and implementations as appropriate.
- Water Superintendent; Current Representatives, Andrea Dorney & Dan Schlaff
The City Water Utilities Department is to be in charge of the maintenance and operation of the wells for the water system. The Water Utilities Department will be responsible for overseeing site plans for construction within the City to make sure that they do not conflict with well production and the updating of the contingency plan for Dexter Utilities. The Water Utilities Department will also be responsible for advising the City Manager and City Council on water related issues. The Water Utilities Department will be responsible for the sampling of the water system, the Dexter industrial pretreatment program, coordination of the contaminant source inventory, and the abandoned well survey.
- Program Coordinator; Current Representative, Courtney Nicholls
The program coordinator will be responsible for updating the WHPP, development and enforcement of groundwater protection ordinance and site plan review standards, implementation of community education and public awareness strategies and coordination among the committee members and groups.
- Fire Inspector; Current Representative, Donald Dettling
The City of Dexter's Fire Department has the responsibility of informing the community's public safety staff of the WHPP and its safety components. The Fire Inspector will also be responsible for working with the WHPP Coordinator to update

the contaminant source inventory and working to inform the WHPP staff of additional hazardous waste storage, handling and chemical spill and spill procedures.

- Zoning Administrator; Current Representative, Michele Aniol
The City of Dexter Zoning Administrator has the responsibility of reporting to the City Council and the Planning Commission about changes and updates to the WHPP. The Zoning Administrator will also be responsible for recommending ordinance amendments as he sees appropriate through enforcement of the site plan review procedures and groundwater protection ordinance.
- City Engineers, OHM Advisors; Current Representatives, Patrick Droze & Rhett Gronovelt
As the engineers for the City of Dexter, OHM Advisors will provide consulting services relating to the municipal engineering needs of the City. OHM Advisors will review site development plans to ensure that the developments are maintaining the groundwater protection standards included in the WHPP. In addition OHM Advisors' Environmental and Water Resources Group will be available as a technical resource for issues concerning wellhead protection. In the event that the WHPP requires modification, including utility mapping, GIS mapping, and changes to the contaminant source inventory, OHM Advisors will be responsible.
- Citizen Outreach Committee; Current Representatives, TBD
The citizen outreach committee will be responsible for helping with public awareness and public education programs in the community and the schools.

B. Other Agencies

- Scio Township; Current Representative, E. Spaulding Clark & James Merte
The Scio Township Manager and Assessor will help the program coordinator gather data from Scio Township for areas that are across Dexter City's jurisdictional boundaries.
- Lima Township; Current Representative, Craig Maier
The Lima Township Supervisor will help the program coordinator gather data from Lima Township for areas that are across Dexter City's jurisdictional boundaries.
- Webster Township; Current Representative, John Kingsley
The Webster township Supervisor will help the program coordinator gather data from Webster Township for areas that are across Dexter City's jurisdictional boundaries.
- Huron River Watershed Council; Current Representatives, Elizabeth Riggs
The Huron River Watershed Council will be responsible for assisting the City of Dexter with the implementation of community education programs and presentations.
- Washtenaw County; Current Representatives, Michael Gebhard & Rich Badics
The Washtenaw County Department of Environment and Infrastructure will be

responsible for helping locate and identify properly abandoned wells and wells that need to be abandoned.

- Williams and Works; Current Representative, Dan Whalen
Williams and Works is responsible for the well revisions, pump tests and associated requirements for the new wells. Williams and Works was also responsible for the initial tritium test performed on the municipal wells.

Community involvement in the wellhead protection process has been essential to its development in Dexter. In order to insure the Wellhead Protection Plan's long-term success, the continued involvement of local government officials is crucial.

III. Wellhead Protection Area Delineation

This element of the WHPP involves identifying the area that contributes ground water to the well fields. The City of Dexter well fields are located near the intersection of Ryan Drive and Dexter-Ann Arbor Road, behind Lafontaine Chevrolet, and behind Dexter High School, near the intersection of N. Parker Road and Shield Road. The Wellhead Protection Area (WHPA) for the City has been defined as a combination of the ten year time-of-travel and a one-mile radius surrounding each well field.

A public well can be located in a confined aquifer, unconfined aquifer or a combination of the two. Based on the initial work performed at the City's well field sites, these well fields are confined aquifers. A confined aquifer is protected from surface contamination by subsurface soil conditions that slow the vertical movement of contaminants. Typically, confined aquifers are overlain by an aquitard, such as a clay layer. The geologic logs from the drilling of the City well fields are included in Appendix A.

Confined aquifers are considered to have a low vulnerability to surface contamination. As such, many practices normally used to define a wellhead protection area are not necessary for an aquifer with confined conditions. These practices include aquifer testing, groundwater modeling and verification of regional groundwater flow patterns.

In order to confirm that the City's well fields are in fact a confined aquifer, a sample from the City water supply wells was tested for tritium. Tritium is a naturally occurring radioactive isotope of hydrogen, which decays as a beta emitter. It is produced in small quantities in the upper atmosphere where it is incorporated into water molecules and is present in rainwater and surface recharge to aquifer systems. However, the amount of tritium in the atmosphere was greatly increased as a result of nuclear weapons testing causing recharge waters to be loaded with excess tritium beginning in about 1954.

Tritium levels can be used to trace and date ground water and assess how long a specific ground water source has been stored out of contact with tritium laden recharge. Ground water supplies with a low tritium level are considered to be made up of water that is older than the 1950's. In contrast, ground water supplies with a high tritium level are considered to be made up of new water (after the 1950's). Therefore, ground water with a low tritium concentration is considered to not be vulnerable to surface contamination.

The City of Dexter Ryan Drive well field was sampled for tritium analyses in January 2001. Tritium was not detected at a level above 1.0 Tritium Units (Tu), indicating that the water in the source aquifer was recharged prior to 1950. Further tritium tests were performed at the Ryan Road and Shield Road well fields in October 2011, which indicated tritium levels in excess of 1.0 Tu. The laboratory data sheets from the tritium analysis are included in Appendix B of the WHPP.

In Michigan, a 10-year time-of-travel is typically used to help identify the limits of the WHPA. This means that if a contaminant was introduced within this area, it would take 10 or less years to reach the public well. The 10-year time-of-travel was selected by the state because it was anticipated that 10 years would be a sufficient amount of time to respond to an environmental problem. A one-mile radius of the Ryan Drive wellfield has also been elected to be included in the WHPA due to the nature of development and accompanied potential sources of contamination in the City, and aquifer conditions. The WHPA boundary is shown on Figure 5.

A description of the confining packages follows below in an examination of the local and regional cross-sectional geology near the City well fields.

A. Regional Geology

The sites of the City's well fields lie near the bedrock contact between the Marshall Sandstone and the Coldwater Shale, both of which are Mississippian in age. The glacial drift package overlying the bedrock in the area is about 200 feet thick. The sedimentary characteristics of the drift in the general area and the topography of the land surface indicate three distinct patterns of deposition: ground moraine, end moraine, and outwash plains. The ground moraines are typically indicated by topographically "flat" areas comprised of medium textured glacial tills with a predominantly loam and silt matrix. The topography of end moraine deposits is marked by numerous large-scale swells, swales, and "potholes", and is commonly referred to as a "hummocky" terrain. The deposits of end moraines are primarily comprised of a matrix of mostly clayey material.

End moraines represent the furthest extent of glacial ice lobes and are often found adjacent to ground moraines. The contact between the two moraine types is frequently gradational with large areas where the two cannot be distinguished from each other. The contact between the moraines is also often obscured by the presence of glacial-fluvial outwash and recent fluvial deposits which commonly weave between the two moraines and overlie the gradational contacts. The fluvial processes often erode portions of both moraines and deposit sand and gravel packages with gravels and coarse sands in the upstream areas and finer grain sizes in the downstream areas.

The City of Dexter lies in an outwash area which trends northwest-southeast between an end moraine complex to the northeast and a ground moraine complex to the southwest. The glacial drift package at the site of the Ryan Drive well field is approximately 200 feet thick, while the glacial drift package at the Shield Road well field is approximately 100 feet thick. Both lie directly on the Coldwater Shale. The topography in the area displays alternating flat and "hummocky" areas superimposed with fluvial channels and deposits.

Surface water in the region drains into the Huron River which is parallel to the outwash area and flows southeast to empty into Lake Erie. The largest tributary of the Huron River in the

area is Mill Creek, which lies southwest of the City of Dexter and flows to the northeast where it joins the river just north of the City. The City and the well fields both lie on the surface water divide between the river and the creek (see accompanying figures).

B. Local Geology

Ryan Drive Well Field

The Drift package at the Ryan Drive well field rests directly on the Coldwater Shale and is comprised in large part of a thick clay and gravelly-clay layer. This layer does exhibit small “stringers” of sands and gravels at various depths which do not appear to be hydraulically connected, and are not laterally extensive. The exception is a twenty-foot thick sand, which is present between about 180 and 200 feet below grade at the site and lies just above the Coldwater Shale. The interval appears to be fairly extensive over the local area and is confined by the overlying clays.

The lower interval is the aquifer utilized by the well field and consists of well sorted sands and fine to medium gravel. Groundwater exists within the aquifer under confined conditions with a static water level 80 feet below grade surface. The gradient of the aquifer is toward the northeast, and its transmissivity (T) is 1,627 ft²/day (or 12,170 gpd/ft) with a storage coefficient (S) of 0.0007 (see again April, 1997 report). The aquifer and the overlying confining layers appear to be laterally extensive well beyond the effective pumping influence of the new well field. Figures 7 through 10 illustrate the local geological environment.

Shield Road Well Field

The drift package at the Shield Road well field rests on the Coldwater Shale which lies at a depth of about 80 to 100 feet in this area, and consists of a shallow clay layer at the surface to a depth of 25 feet. The upper clay layer overlies a sand and gravel aquifer from about 25 to 70 feet, followed by clayey soils to an unknown depth. The pumped aquifer lies beneath the upper clay interval from between 25 to 70 feet at the production well. The aquifer has an average thickness at the site of about 40 feet.

The Shield Road well field utilizes the sand and gravel aquifer with its screened interval between 60 and 70 feet. The aquifer is under weakly confined conditions with a static water level of about 20 feet below grade surface. The gradient of the aquifer is toward the east and appears to be somewhat influenced by the hydraulic strength of the Mill Creek, and its transmissivity (T) is 5,262 ft²/day (or 39,361 gpd/ft) with a storage coefficient (S) of 0.0001 (see April, 2008 report). The lithology of this area is generally complex, and the overall “connectivity” of these mapped aquifers is uncertain. Figures 11 through 14 illustrate the local geologic environment.

IV. Potential Sources of Contamination

In order to develop an appropriate management plan for the wellhead protection area, an inventory of the potential sources of groundwater contamination was prepared. This inventory includes sites within the WHPA where known contamination has occurred and locations where potentially

hazardous substances are stored or used. A hazardous substance is defined as a chemical or other material that is or may become injurious to the public health, safety, or welfare, or to the health of the environment.

In addition, a search will be conducted within the WHPA for improperly abandoned wells. Wells that are no longer in service can provide a direct pathway for contaminants to reach drinking water aquifers. State and county regulations require that wells not in service be properly sealed. The locations of the improperly abandoned wells will be included in the potential sources of contamination until the time at which they are properly sealed, wherein the pathway for contaminant migration through the well has been eliminated.

A. Contaminant Source Inventory

A survey of the potential sources of contamination was compiled by OHM-Advisors. As part of this task, a number of data sources were consulted.

- A search was conducted through Vista, Inc. on an area within a one-mile radius of the well field for sites of known environmental contamination. In addition, this search provided a listing of the small and large quantity hazardous waste generators within the WHPA. The Michigan Department of Environmental Quality (MDEQ) Remediation and Redevelopment Division database of facilities inventory was used to obtain a list of Sites of Contamination (Part 201 of Act 451). One Site of Contamination was found to exist within the WHPA (see Figure 6 and Table 1).
- The Washtenaw County Department of Environmental and Infrastructure Services (DEIS) database of hazardous material storage locations was obtained.
- A search of MDEQ and Michigan Department of Licensing and Regulatory Affairs (LARA) Underground Storage Tanks List was used to obtain a list of underground storage tanks (UST) and leaking underground storage tanks (LUST). A total of nine UST's were found to exist within the WHPA. 3 of these sites are listed as closed LUSTs and 3 are listed as open LUSTs. Two of the remaining three USTs are listed as closed sites while the third is listed as active (see Figure 6 and Table 2).
- The MDEQ Office of Oil, Gas and Minerals (OOGM) database search for Oil and Gas Contamination Sites returned no results for areas of contamination within the WHPA.
- A search for Hazardous Waste Generators as well as Landfills and Solid Waste Sites through MDEQ Waste Data System returned no results existing with a WHPA.
- The Groundwater Permits Unit (GPU) of the MDEQ was contacted for information regarding Groundwater Discharge Permits. Rick D. Ruzs, Chief of the GPU, provided data on current permits, none of which exist within a 1 mile radius of the Shield Road and Ryan Drive well fields.

- A search of Environmental Protection Agency Federal National Priorities List Region 5 returned no results for sites existing within a 1 mile radius of the Shield Road and Ryan Drive well fields.
- The hazardous material surveys conducted by the Dexter Area Fire Department were reviewed. All businesses where hazardous materials are stored are required to submit information as part of the Fire Fighter Right to Know Law. These surveys contain the location and amount of hazardous material storage on each property.

Nineteen locations of chemical storage were found during the survey (Table 3). They include:

1. Variety Die & Stamping
2. City of Dexter Water Filtration Plant
3. Dextech
4. Adair Printing Tech.
5. Berry & Associates
6. Elastizell Corporation
7. Protomatic, Inc.
8. Alpha Metal Finishing
9. Dexter Distribution Center
10. Doors and Drawers
11. Lafontaine Chevrolet
12. Thomson Shore, Inc.
13. Dexter Mobil
14. Mugg & Bopps

A complete listing of the Contaminant Source Inventory and the details of the type and quantity of hazardous substances stored at each location are included in Table 3. A map of the Contaminant Source Inventory locations is shown on Figure 6.

B. Improperly Abandoned Well Search

Abandoned wells that were formerly used for drinking water, farm irrigation, groundwater monitoring, or other purposes pose threats to groundwater quality if left unsealed. Unplugged abandoned wells can threaten the quality of drinking water from both private wells and those servicing public water supply systems. It is estimated that over 1 million

unplugged wells exist in Michigan. The Groundwater Quality Control Act, Part 127, 1978 PA 368 requires that abandoned wells must be properly sealed. The Act defines an abandoned water well as a well that,

- has its use permanently discontinued,
- is in such disrepair that its continued use for obtaining groundwater is impractical,
- has been left uncompleted,
- is a threat to groundwater resources, or
- is or may be a health or safety hazard

Abandoned wells can be found almost anywhere: on farms, industrial sites, and in urban areas. The following are examples of abandoned wells that must be plugged:

- Wells that are not operational.
- Wells that are disconnected and taken out of service at the time connection is made to a municipal water system.
- Any inoperable or abandoned well that is not properly sealed which can be a safety or environmental hazard

The City of Dexter has completed a search for improperly abandoned wells in an attempt to eliminate this pathway for contamination of the drinking water aquifer. A number of sources have been used to locate any improperly abandoned wells. A water well records search has been requested from the MDEQ for the WHPA. A listing of groundwater wells in the area within the WHPA has been obtained from Vista. Also, the Washtenaw County DEIS has provided support in the discovery of abandoned wells. Lastly, a letter has been sent to residents within the WHPA that provided information on proper well abandonment and requesting information on improperly abandoned wells. The City’s Wellhead Protection Committee has also maintained a database of open wells as information is gathered through various sources. The following wells have been identified as open wells within the City:

Cousins	7648 Forest Street
Augustine	7687 Grand Street
Steptoe	7250 Dan Hoey Road
Rolfes	3458 Broad Street
Munson	7251 Dexter-Ann Arbor Road
Xuereb	2521 Baker Road
Kopinski	7965 Grand Street
Kaupp	7961 Grand Street
Petit	7997 Grand Street
	3490 Hudson
City of Dexter	7651 Dan Hoey Road

The City plans to work with the residents and industries to properly seal these wells. Proper techniques, as well as options for funding assistance, are available from the Michigan Department of Environmental Quality. In addition, the Washtenaw County DEIS has also offered support services in the proper abandonment of unused wells.

V. Wellhead Protection Area Management

An integral part of an effective Wellhead Protection Program is the establishment of a wellhead protection area management plan. The goal of the management plan is to specify how actual and potential sources of contamination in the WHPA will be managed in order to prevent these contaminants from reaching the aquifer. A number of management approaches have been considered by the City, and the following options have been chosen as the easiest to implement, enforce, and monitor.

A. Wellhead Protection/Groundwater Protection Zoning Ordinance Do we want to pursue this idea?

Specific language will be added to the City of Dexter Zoning Ordinance in reference to the Wellhead Protection Area. The objective of this ordinance is to assure that new businesses with the potential for storage of hazardous substances on-site incorporate measures in the site plan to protect the groundwater. The specific language added will strengthen the ability of the City to protect the quality of the drinking water aquifer. The following sections have been proposed to be added to the City of Dexter Zoning Ordinance:

Purpose

The wellhead Protection Overlay Zone is intended to protect the quality of potable public groundwater supplies through the control of land use and development activities that pose risks to the groundwater supplies.

It is the additional purpose of these regulations to insure that new and expanding facilities meet the requirements of all applicable state and county regulations.

Applicability

The provisions of this section shall apply to:

- New construction.
- Expansion or addition to an existing building.
- Alteration in the use or activity in a building, which will involve the use, storage, handling, or processing of hazardous substances.
- Conversion or change in the use or activity of a building or site when the new use involves the storage, handling, processing or use of hazardous substances.

Routine maintenance or cosmetic repairs are not considered an expansion, alteration or conversion.

Definitions

Wellhead Protection Area: The surface and subsurface area surrounding a water well or well field, supplying a public water system through which contaminants are reasonably likely to move toward and reach such water well or well field. In the City of Dexter, the wellhead protection area boundaries have been defined from tritium test resulting as a one-mile radius around the wells.

Hazardous substance: (Means one or more of the following):

- i. A chemical or other material, which is or may become injurious to the public health, safety, or welfare, or to the environment.
- ii. “Hazardous substance” as defined in the Comprehensive Environmental Response, Comprehensive and Liability Act of 1980, public law 96-510, 94 Stat. 2767.
- iii. “Hazardous waste” as defined in the Hazardous Waste Management Act, Act 64 of 1979, being sections 299.501 to 299.551 of the Michigan Compiled Laws.
- iv. “Petroleum” as defined in the Leaking Underground Storage Tank Act, Act 478 of the Public Acts of 1988, being sections 299.831 to 299.850 of the Michigan Compiled Laws.

Performance Standards

Applicability: Facilities, which use, store or generate hazardous substances in quantities greater than 100 kilograms per month (equal to about 25 gallons or 220 pounds) shall be subjected to wellhead protection requirements.

Standards:

- i. Sites at which hazardous substances are stored, used or generated shall be designed to prevent spills and discharges into the air, surface of the ground, groundwater, lakes, streams, rivers or wetlands.
- ii. Secondary containment for above ground areas where hazardous substances are stored or used shall be provided. Secondary containment shall be sufficient to store the substance for the maximum anticipated period of time necessary for the recovery of any released substance.
- iii. General purpose floor drains, when located in areas of buildings where hazardous substances may be stored, used or generated, shall only be allowed if they are approved by the responsible agency for connection to a public sewer system, an on-site closed holding tank (not a septic system), or regulated through a State of Michigan groundwater discharge permit.
- iv. Building floor drains are prohibited in a structure or portion of a structure when hazardous materials or wastes are present including but not limited to storage area, process areas, assembly areas, or service areas.

- v. All parking, driveway and loading areas shall be paved and any areas paved shall be adequately curbed to prevent runoff into adjoining lands.
- vi. State and federal agency requirements for storage, spill prevention, record keeping, emergency response, transport and disposal of hazardous substances shall be met. No discharges to groundwater, including direct and indirect discharges, shall be allowed without required state and/or county permits and approvals.
- vii. Connection to public sanitary sewers, where available, is required.
- viii. Bulk storage of pesticides shall be in accordance with requirements of the Michigan Department of Agriculture.
- ix. Underground storage tank system installation, use, operation, closure, and record keeping shall be in accordance with requirements administered by the MDNR Underground Storage Tank Division.
- x. Direct discharge of storm water runoff to dry wells or seepage wells shall be prohibited unless surface water first passes through a storm water detention basin built according to local storm water drainage improvement specifications.
- xi. Preliminary site plan submittal should include the completed state and county environmental permits checklist, along with the appropriate letters or contact or required permits.

Hazardous Substances Management Plan

The operator of any commercial or industrial facility which involves the use, handling, storage processing of hazardous material or hazardous waste shall prepare a hazardous substances management plan for review by the Planning Commission and/or City Engineers. The plan must demonstrate that the applicant to minimize any potential threat to groundwater quality shall use best management practices. The plan shall contain the following information:

1. Facility description
2. Procedures for safe handling
3. Description of disposal methods for wastes generated during the manufacturing process
4. Procedures to be used to prevent leaks and spills of hazardous materials
5. Spill reporting system
6. Emergency spill plan and in-depth procedure covering: Emergency procedures
 - a. Notification of officials
 - b. Spill containment procedures

- c. Cleanup
- d. Disposal
- e. Reporting

The plan must be approved by the Planning Commission every two years from the date of the approval of the original plan or whenever there is a change in procedures, technology or materials used, stored or processed or waste generated. Staff shall review the plan and submit a report to the Planning Commission for its consideration.

Applicable State and Federal Permits

The operator of any commercial or industrial facility shall advise the Planning Commission of all applicable state or federal permits which must be obtained for the facility. When deemed appropriate by the Commission, the applicant can include reporting requirements mandated by other state and federal permits in the hazardous substances management plan in lieu of the requirements of this section.

Monitoring Wells and Equipment

The Planning Commission may require the installation of water quality monitoring equipment and establish reporting requirements for any site as a condition of approval and may also require use of special construction materials for any underground storage facility or utility deemed necessary to protect the groundwater, in accordance with state and other recognized standards.

Application Procedures and Requirements

The information required for a special exception application shall be in addition to the requirements for any other special exception or site plan requirements contained in other sections of the zoning regulations.

All applications for a special exception in the Wellhead Protection Overlay Zone shall include at least the following:

- Engineering plan
- Building floor plan
- Construction details for all containment facilities, drainage facilities including detention basins, water and sewer facilities and hydrants.
- Comprehensive description of the amount and composition of any and all generated, stored, discharged, used or transplanted on, to, or from the site.
- Detailed description of the amount and composition of all industrial and commercial waste.

- A hazardous materials management plan as described in Section 3.2 of the Washtenaw County Pollution Prevention Regulations.

Administration and Enforcement

Before any site, use, or building can be altered, converted, expanded, or otherwise changed, the Zoning Enforcement Officer shall issue a certificate of zoning compliance indicating that the requirements of this section have been met.

Non-Conforming Uses

All buildings and uses that do not conform to the use or development standards of these regulations shall be considered legal and non-conforming upon the effective date of the adoption of these regulations.

Use Variances

The Zoning Board of Appeals shall not be permitted to grant use variances in the Wellhead Protection Overlay District.

B. Site Plan Review Standards

Site plan submittals are required to complete an Environmental Permits check-list prior to review to ensure that these developments are meeting the regulations provided by each level of government. The revised site plan revised checklist is included as Appendix C. In addition, the City will instruct their engineer to be cognizant during site plan reviews of the provisions for control of hazardous substances within the WHPA. These provisions include secondary containment for storage of hazardous substances, control of stormwater runoff and site drainage, and proper waste disposal practices. The proposed additions to the site plan review standards are:

- The project and related improvements shall be designed to protect land and water resources from pollution, including pollution of soils, groundwater, rivers, streams, lakes, ponds, and wetlands.
- Storm water detention, retention, transport, and drainage facilities shall be designed to use or enhance the natural storm water system on site, including the storage and filtering capacity of wetlands, watercourses, and water bodies, and/or the infiltration capability of the natural landscape. Storm water facilities shall not cause flooding or the potential for pollution of surface or groundwater, on-site or off-site. Storm water facilities shall conform with the requirements of the county drain commissioner.
- General-purpose floor drains shall be connected to public sewer system or an on-site holding tank (not a septic tank) in accordance with state, county and municipal requirements, unless a groundwater discharge permit has been obtained from

Michigan Department of Environmental Quality. General-purpose floor drains, which discharge to groundwater, are prohibited.

- Sites at which hazardous substances, hazardous wastes, or potentially polluting materials are stored, used or generated shall be designed to prevent spills and discharges of such materials to the air, surface of the ground, groundwater, lakes, streams, rivers or wetlands.
- Secondary containment facilities shall be provided for above ground storage of hazardous substances, hazardous wastes, or potentially polluting materials in accordance with the state and federal requirements. Aboveground secondary containment facilities shall be designed and constructed so that the potentially polluting material cannot escape from the unit by gravity through sewers, drains or other means, directly or indirectly, into a sewer system or into the waters of the state (including groundwater).
- Underground storage tanks shall be registered, installed, operated, maintained, closed and removed in accordance with regulations of the Michigan Department of Environmental Quality.
- Out of service or abandoned underground storage tanks shall be closed and removed in accordance with regulations of the Michigan Department of Environmental Quality.
- Aboveground storage tanks shall be certified, installed, operated, maintained, closed and removed in accordance with regulations of the Michigan Department of Environmental Quality.
- Bulk storage facilities for pesticides and fertilizers shall be in compliance with requirements of the Michigan Department of Agriculture.
- Abandoned water wells (wells no longer in use or in disrepair), abandoned monitoring wells, cisterns shall be plugged in accordance with regulations and procedures of the Michigan Department of Environmental Quality and the County or District Health Department.
- State and Federal requirements for storage, spill prevention, record keeping, emergency response, transport and disposal of hazardous substances, hazardous wastes, liquid industrial waste or potentially polluting materials shall be met. No discharge to surface water or groundwater, including direct and indirect discharges of waste, waste effluent, wastewater, pollutants, or cooling water shall be allowed without approval from state, county and local agencies.

C. Hazardous Material Surveys

The City will request copies of the hazardous material surveys conducted by the City of Dexter Fire Department. These surveys will be stored in the same location as the WHPP,

and the contaminant source inventory in the WHPP will be updated as needed according to the hazardous material surveys.

D. Master Plan

The City will incorporate the Wellhead Protection concept and the WHPA into the City of Dexter Master Plan through goal and objective setting as a mechanism for effective use of future regulations in support of the Wellhead Protection Program. Incorporation of the WHPA boundaries to the Master Plan helps community leaders recognize the extent of the WHPA and the need to determine the goals and objectives to include in the Master Plan to protect the City drinking water supply.

VI. Contingency Plan

The City of Dexter Water Supply System Contingency Plan was originally created to provide procedures to follow in the event of an emergency concerning the water system. As part of this WHPP, the Contingency Plan was updated to incorporate the Wellhead Protection concepts. Specific language was added to the plan identifying personnel, procedures, and materials that can be used for the rapid response to environmental accidents that may constitute a water supply emergency. Notification procedures are spelled out in the plan and posted in strategic locations within the utility department. The updated City of Dexter Water Supply System Contingency Plan is included as Appendix D.

VII. Siting of New Wells

Over the past 15 years, the City of Dexter has experienced significant growth in both residential population and business. As a result of this growth, the City Utility Department is observing less available capacity within the public water supply system. Considering this and the recent increase in development, the City took preliminary steps to begin exploring additional well sites in the summer of 2015. As this process continues, the City will utilize the Wellhead Protection concepts will be utilized in the event that new public supply wells are needed. These wells will be sited to not only maximize groundwater yield, but also to minimize the potential for contamination. Using the contaminant source inventory and the procedures described herein, the new wells will be located such that the public health and the community investment in the well field are protected.

During the siting of a potential new well field, a Wellhead Protection Plan will be completed for the location of the proposed new well field. In addition, the MDEQ and Washtenaw County DEIS will be consulted prior to the construction of the new well field.

VIII. Public Education and Participation

In order to ensure success of the WHPP, public education and participation in the Wellhead Protection process must be undertaken. Local business owners and residents have been included in the Wellhead Protection Group and have participated in the formulation of the Wellhead Protection Plan.

In addition, the City has utilized a variety of methods to educate the public on the issues related to Wellhead Protection. These include the following:

- The City publishes a quarterly newsletter that is sent to all residents and business owners. The newsletter contains information to increase awareness of what the Wellhead Protection Plan is and the actions being undertaken by the City to protect the water supply.
- Abandoned well search information has been published in the local newspaper, the Dexter Leader.
- Letters regarding the WHPP and the abandoned well search were distributed on windshields at a Dexter High School football game.
- The Dexter Sun Times will print articles about Wellhead Protection.
- The City website (www.dextermi.gov) contains information regarding the wellhead protection area and plan.
- The City provides guided tours of its water treatment facilities.
- In 2013, the City implemented permanent watering restrictions to limit peak usage.
- The City has placed well head protection area signs at entry points to the WHPA on major roads within the city.
- The City publishes information on its Facebook page.

Figures

Figure 1

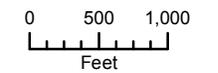
Water Distribution System Map



Legend

Water System

-  Treatment Plant
-  Storage Tank
-  Valve
-  Pump Station
-  Well
-  Water Main
-  City Boundary
-  Road Centerline



Source: Data provided by Oakland County and Charter Township of Orion. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2113 IntlFeet

Map Published: October 1, 2015



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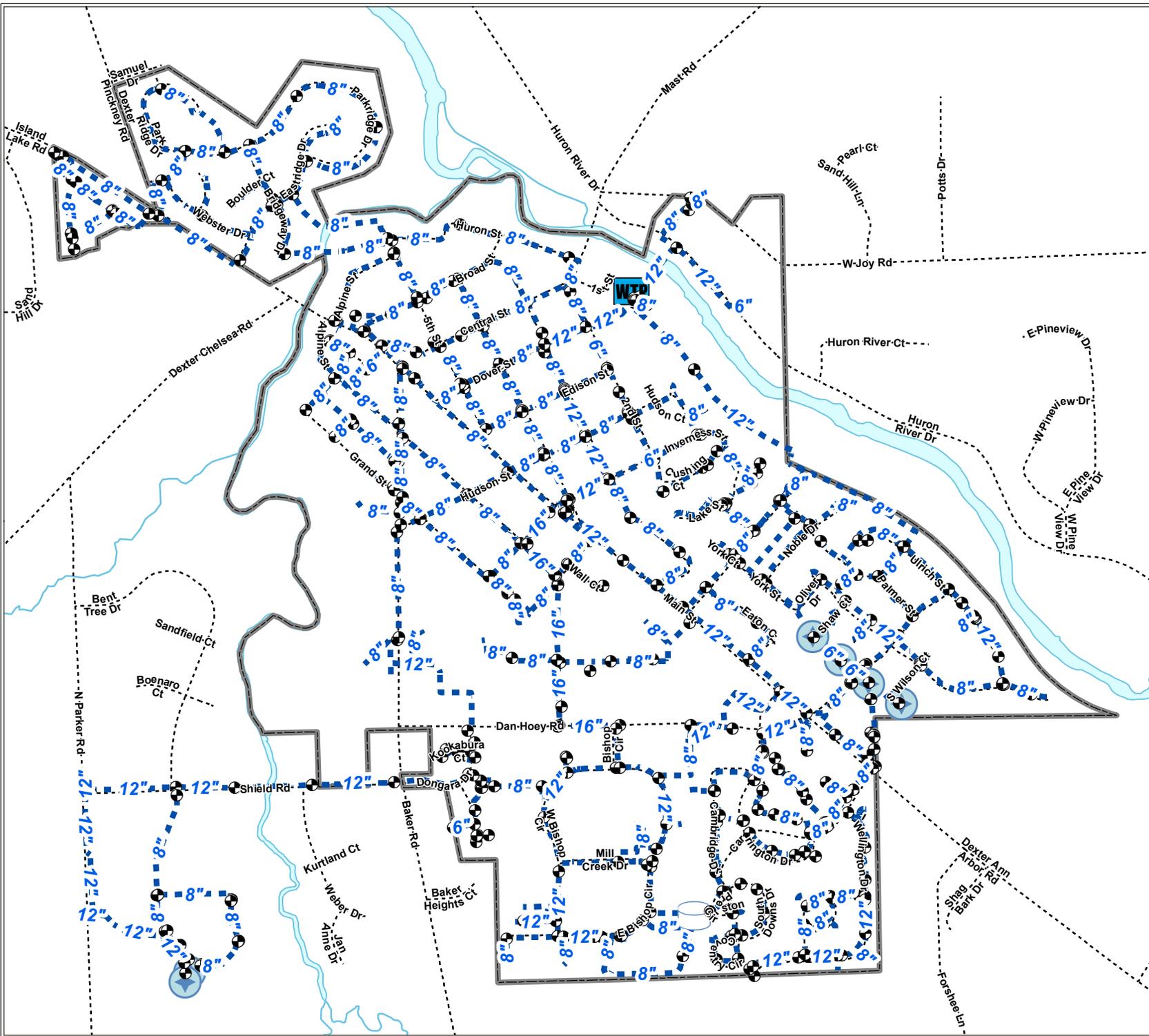
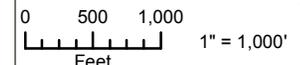


Figure 2 Stormwater Drainage System Map



Legend

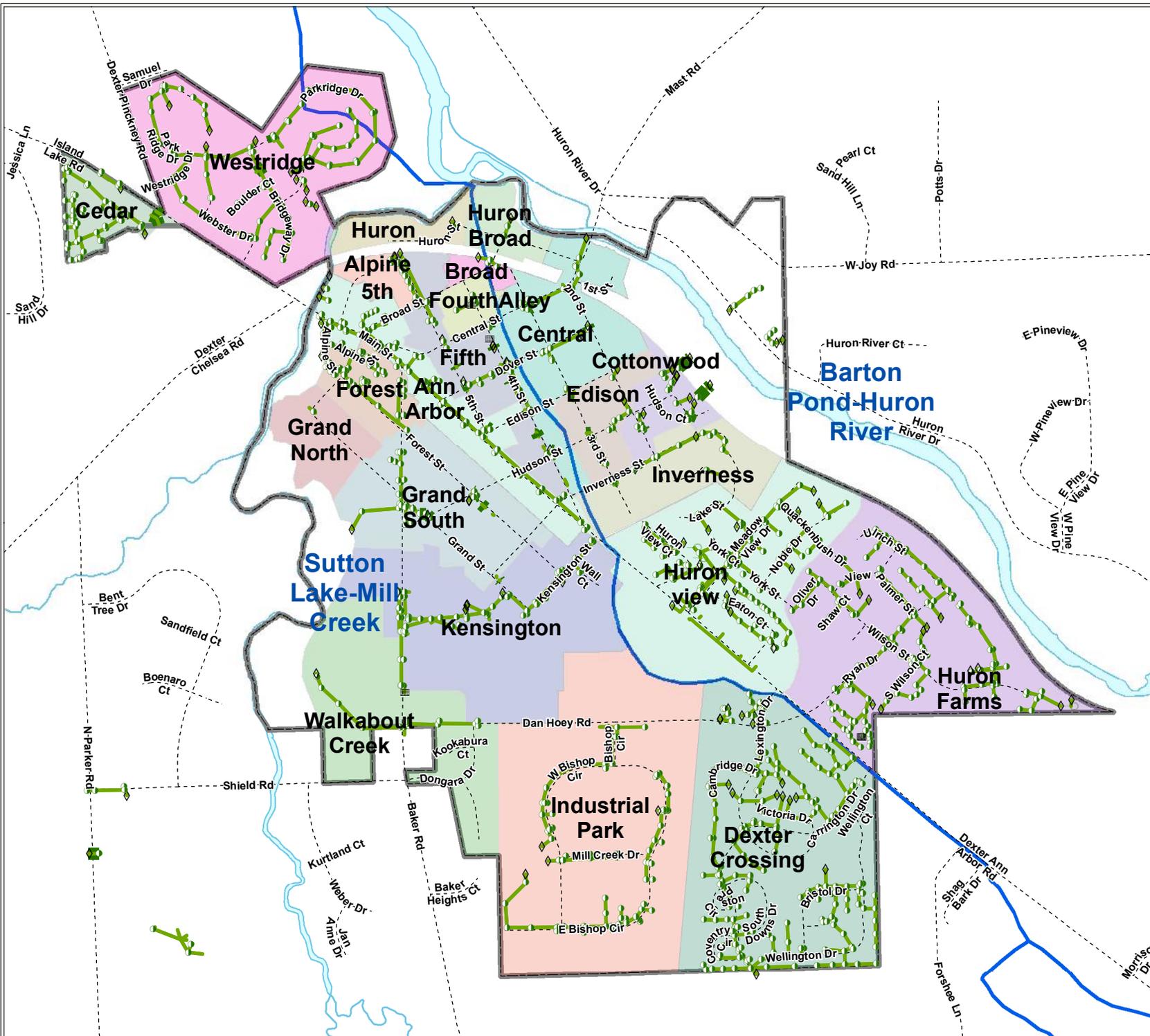
- Storm Structures**
 - Structures
 - Cleanout
 - Dry Well
 - End Section
 - Pump
 - Stand Pipe
 - Yard Basin
 - Storm Culvert
 - Storm Sewer Line
- Storm Sewer Districts**
 - Alpine 5th
 - Ann Arbor
 - Broad
 - Cottonwood
 - Fifth
 - Forest
 - Grand North
 - Huron
 - Huron Broad
 - Kensington
 - Cedar
 - Central
 - Dexter Crossing
 - Edison
 - Fourth Alley
 - Grand South
 - Huron Farms
 - Huron view
 - Industrial Park
 - Inverness
 - Walkabout Creek
 - Westridge
- Watershed Boundary**
- City Boundary**



Source: Data provided by Oakland County and Charter Township of Orion. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

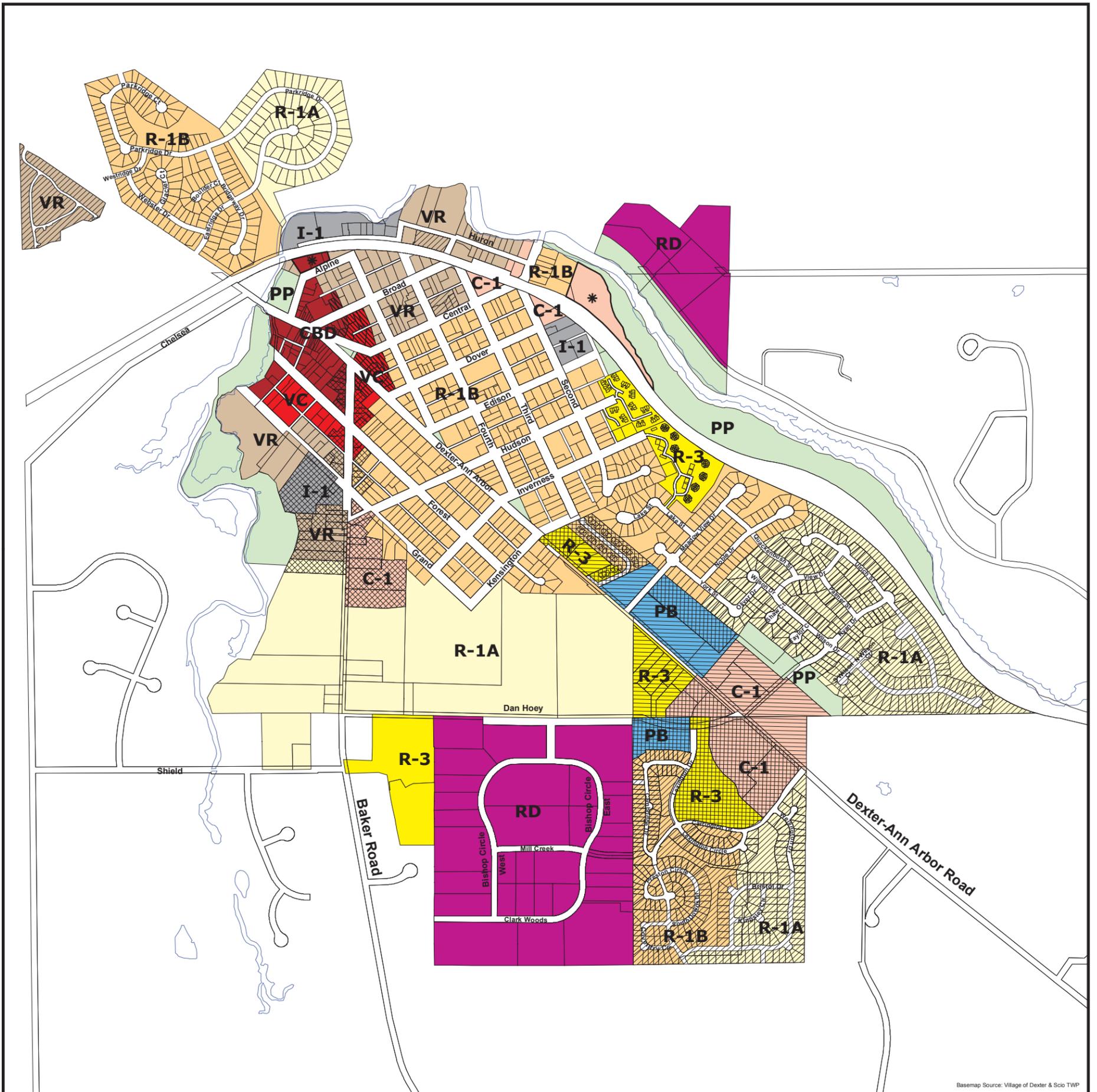
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Map Published: October 1, 2015





City of Dexter, Michigan



Basemap Source: Village of Dexter & Scio TWP

Zoning Districts					
	R-1A One Family Residential - Large Lot		CBD Central Business District		Baker Road Corridor Over Lay District
	R-1B One Family Residential - Small Lot		PB Professional Business		Dexter-Ann Arbor Road Corridor Over Lay District
	R-3 Multiple Family Residential		RD Research & Development		PUD's within Dexter-Ann Arbor Road Corridor Over Lay District
	VR Village Residential		I-1 Limited Industrial		PUD Planned Unit Development
	C-1 General Business		PP Public Park		HOD Historic Overlay District
	VC Village Commercial				Conditionally Rezoned

Zoning Map

0 500 1,000 Feet February 2009

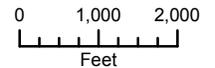
Figure 5

Wellhead Protection Area Delineation Map



Legend

-  Wellfield
-  One Mile Radius
-  Ten Year Time-of-Travel
-  City Boundary



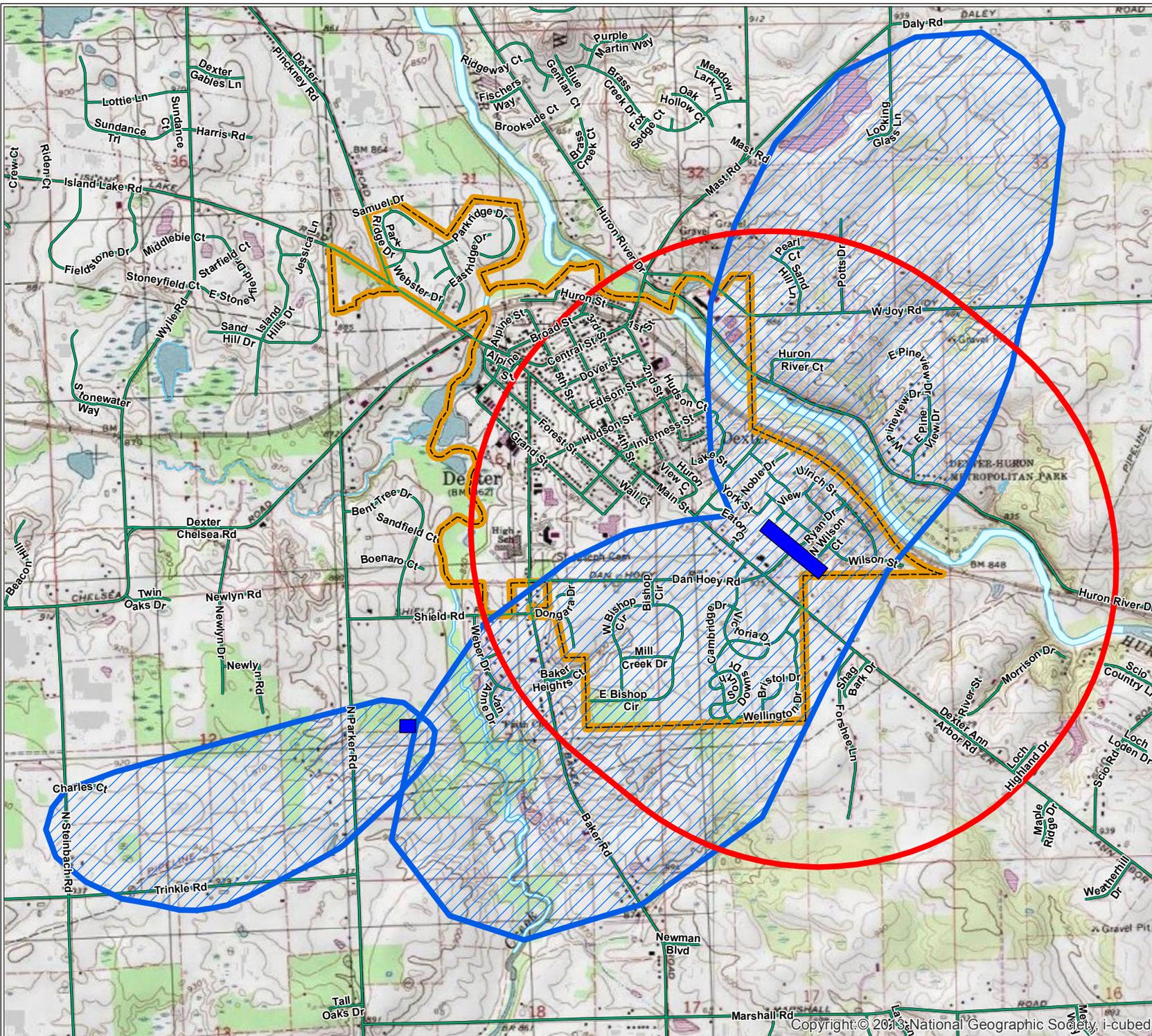
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Figure 6

Chemical Contaminant Inventory Map



Legend

- Site of Contamination
- Underground Storage Tank (UST)
- Open Leaking UST
- Closed Leaking UST
- Lust_Open
- Chemical_Storage_Sites
- City Boundary
- One Mile radius
- Wellfield
- Ten Year Time-of-Travel



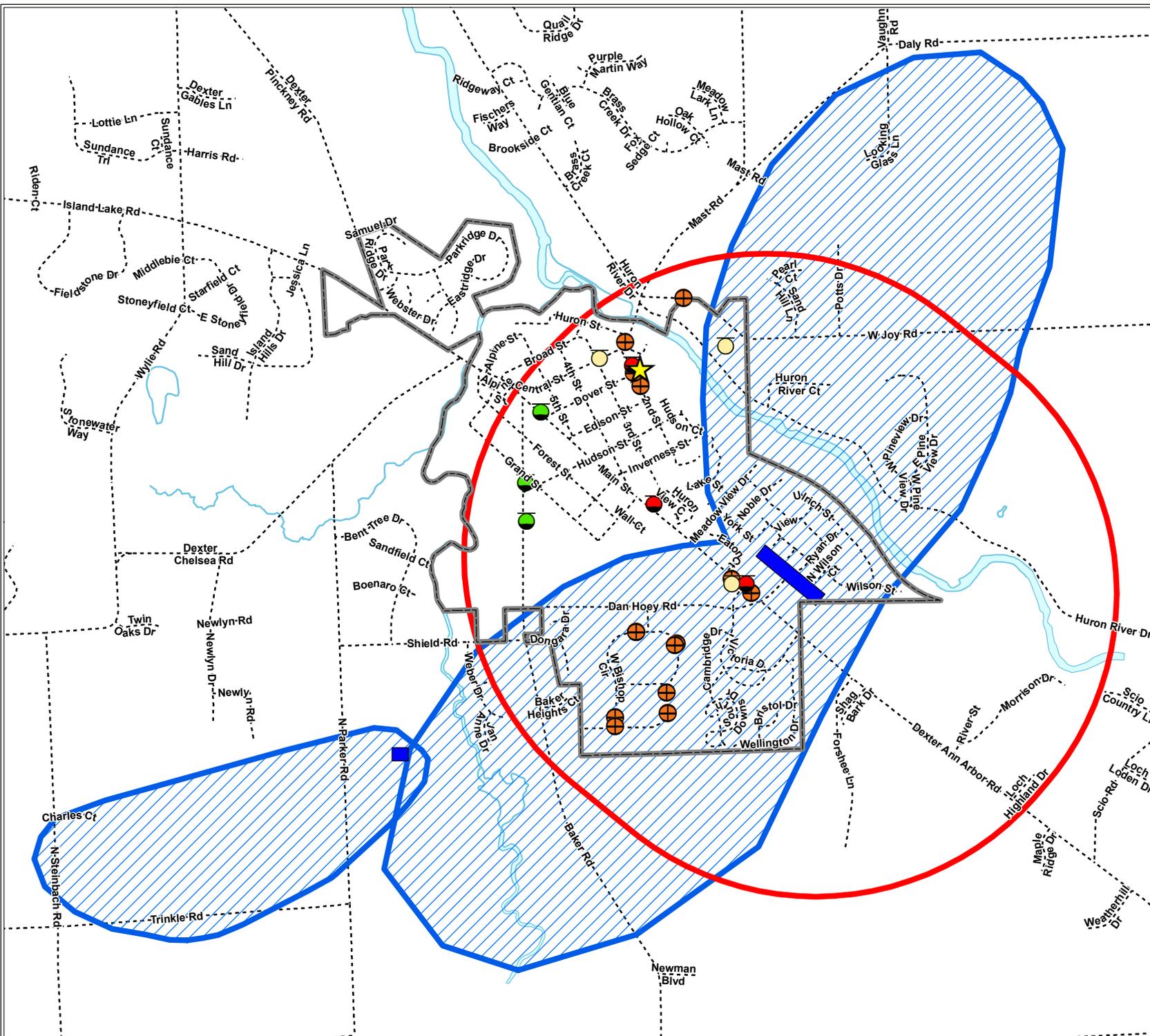
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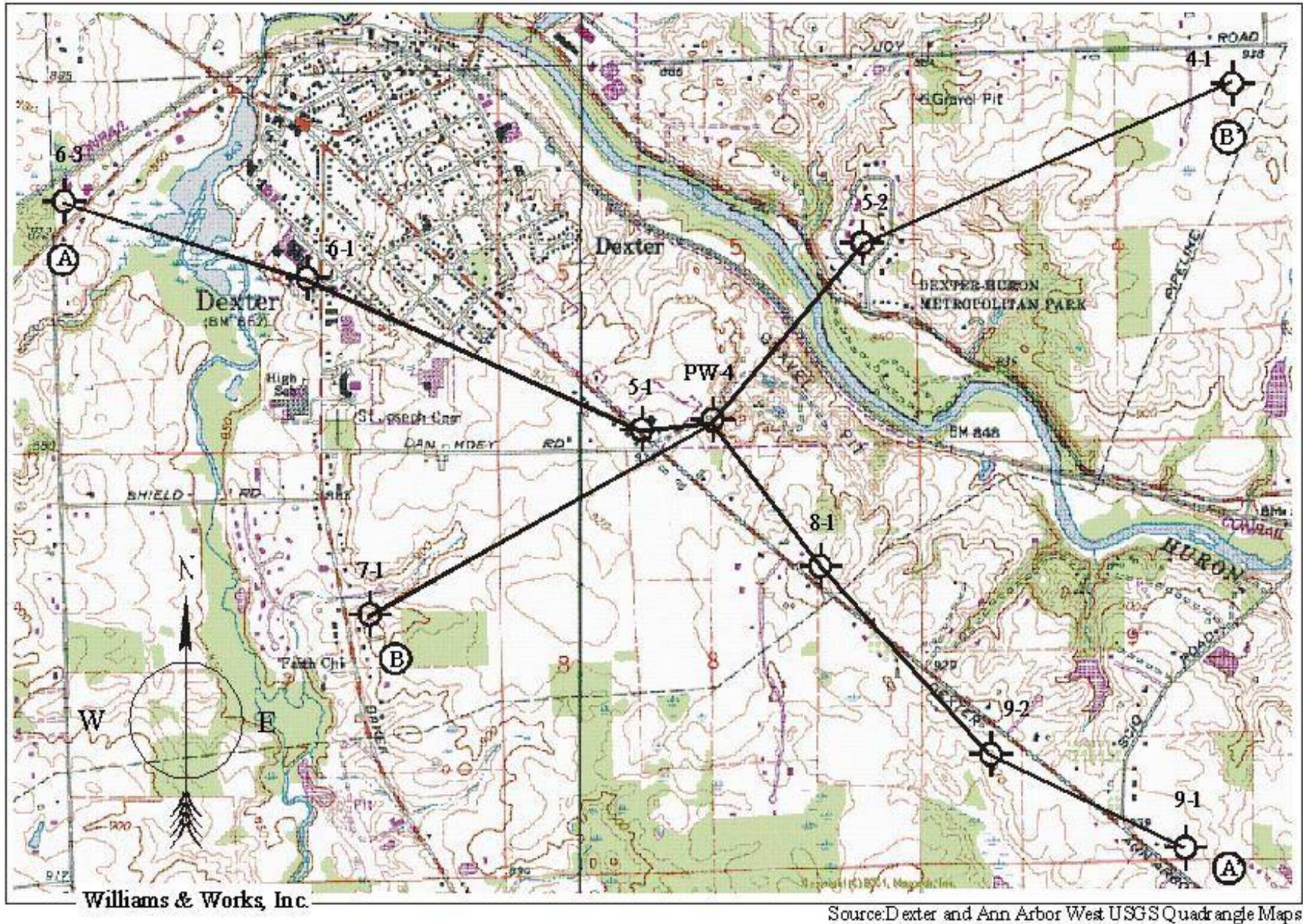
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Map Published: October 1, 2015



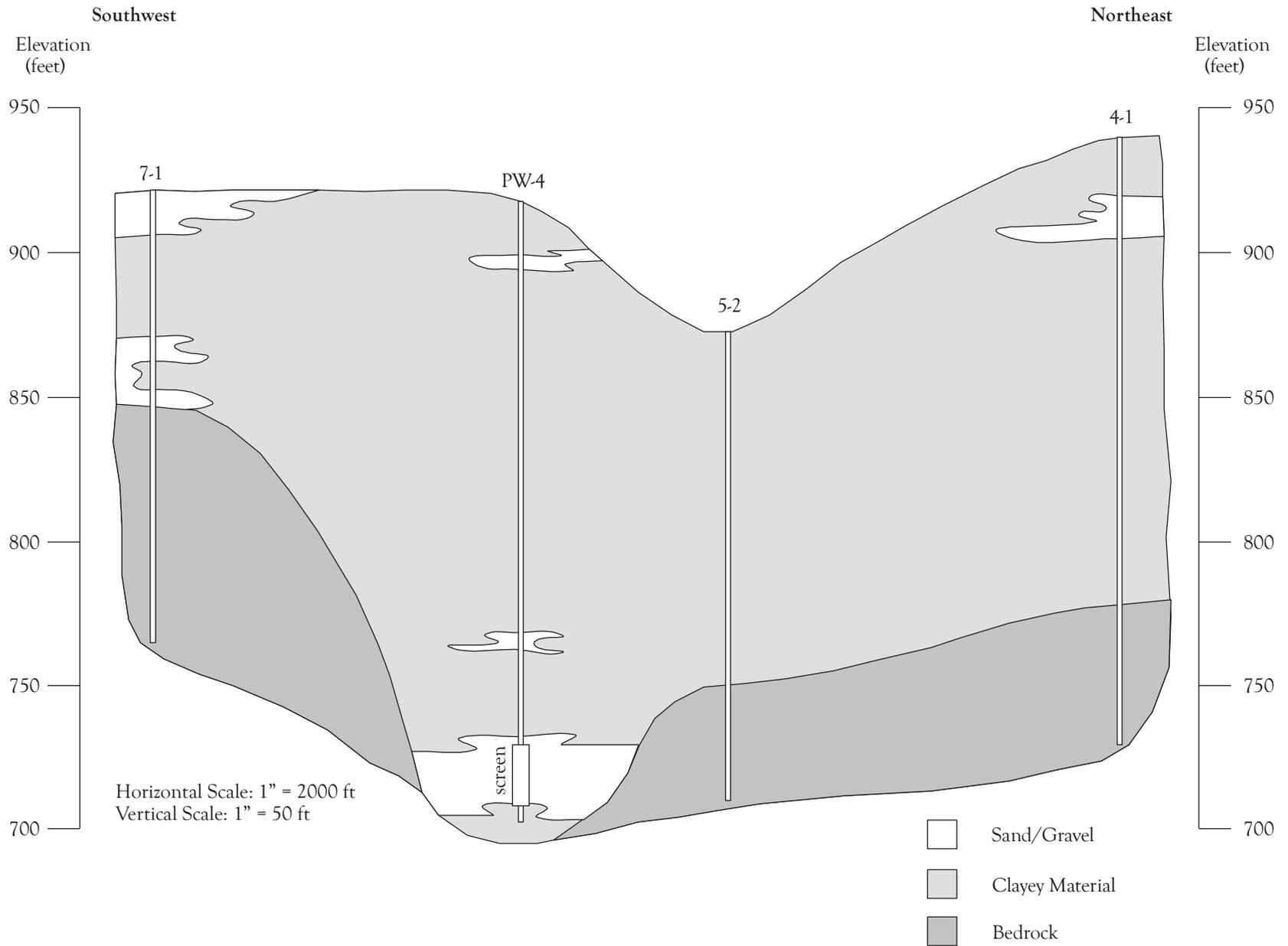
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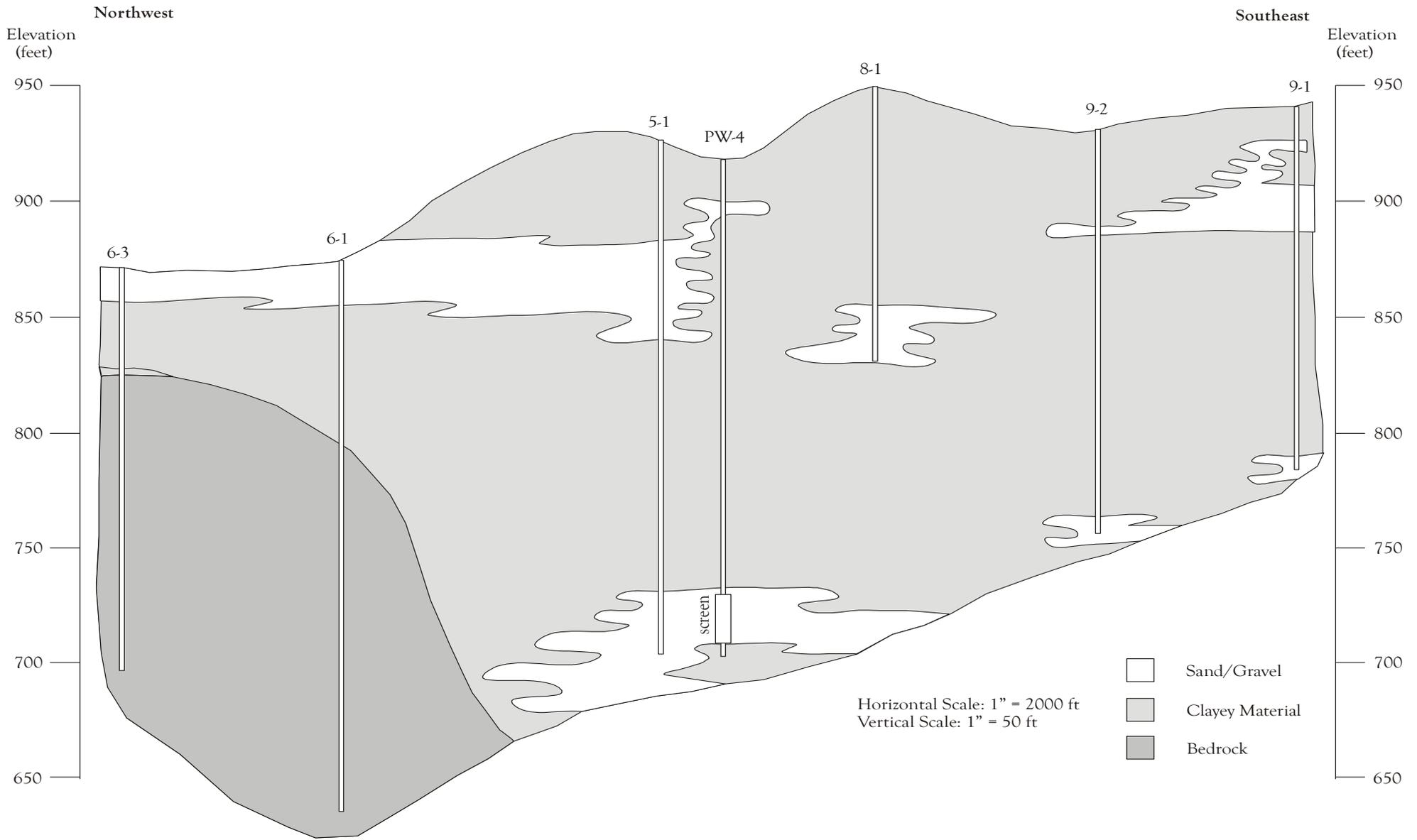
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 Consulting Engineers
 Livonia, Michigan

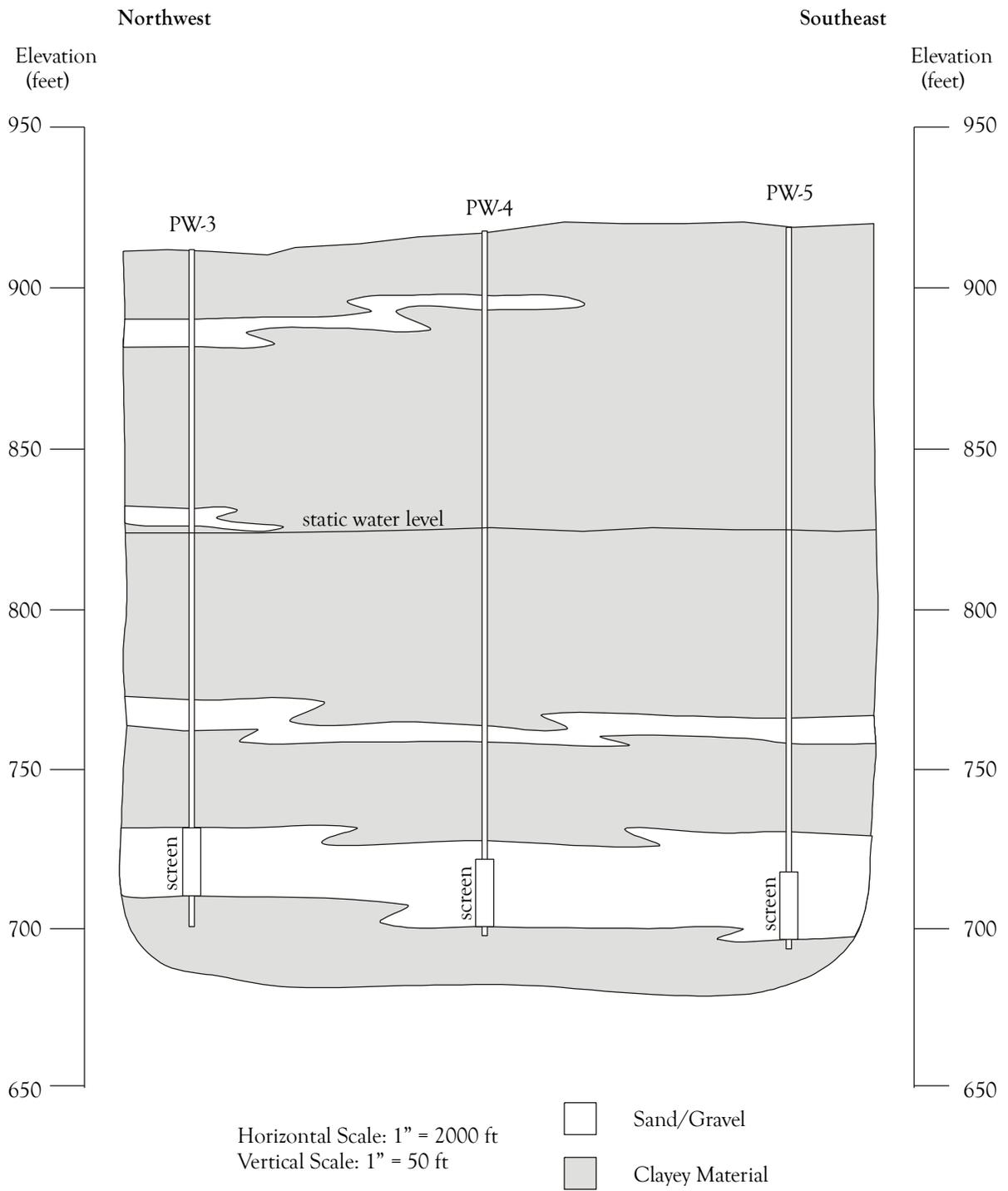
FIGURE 7
 GEOLOGIC CROSS SECTION
 CITY OF DEXTER



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 Consulting Engineers
 Livonia, Michigan

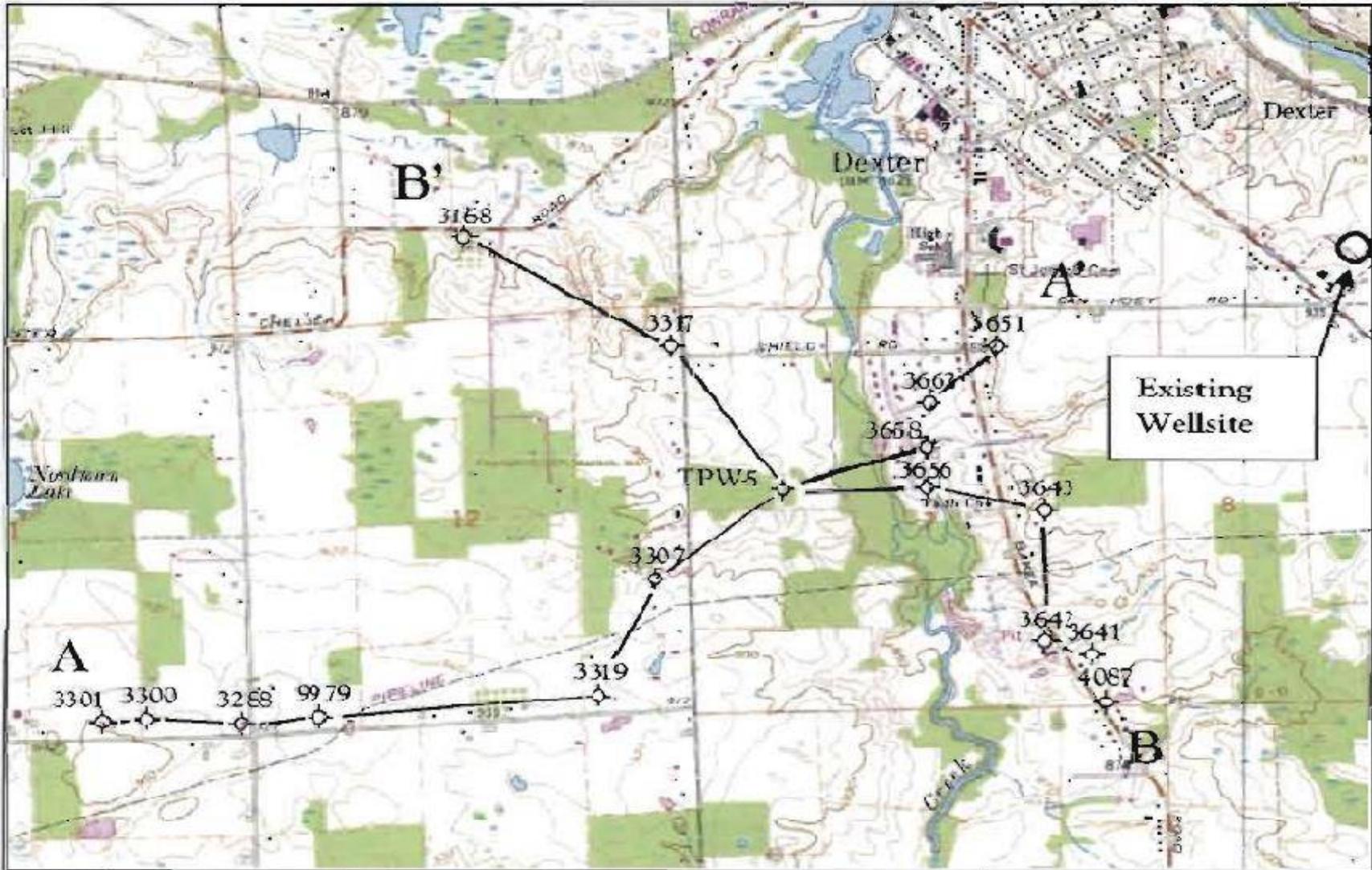
FIGURE 8
 GEOLOGIC CROSS SECTION
 CITY OF DEXTER





Orchard, Hiltz and McCliment, Inc.
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 Livonia, Michigan

FIGURE 10
 GEOLOGIC CROSS SECTION
 CITY OF DEXTER

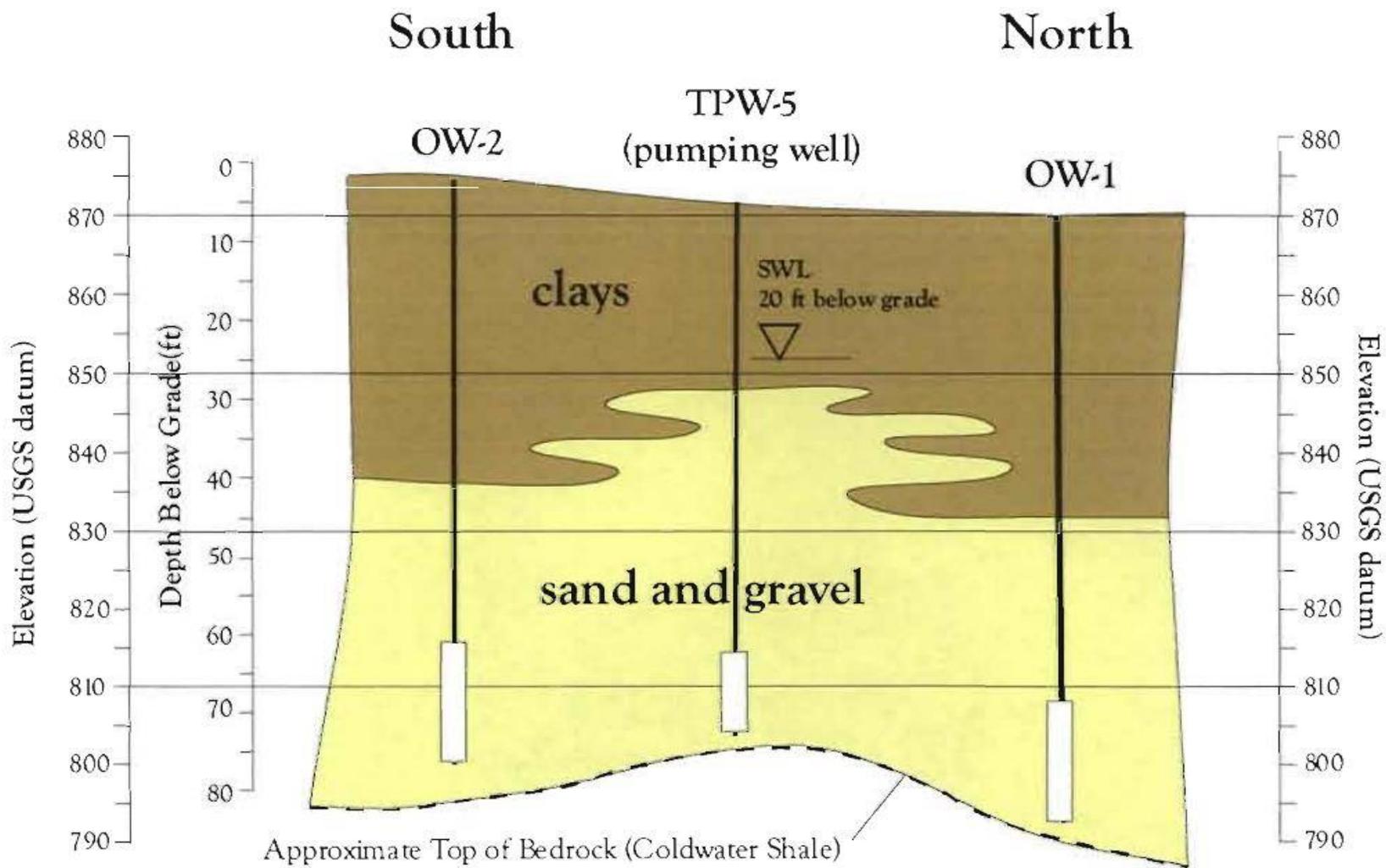


Williams & Works, Inc.

Source: Dexter and Ann Arbor West USGS Quadrangle Maps

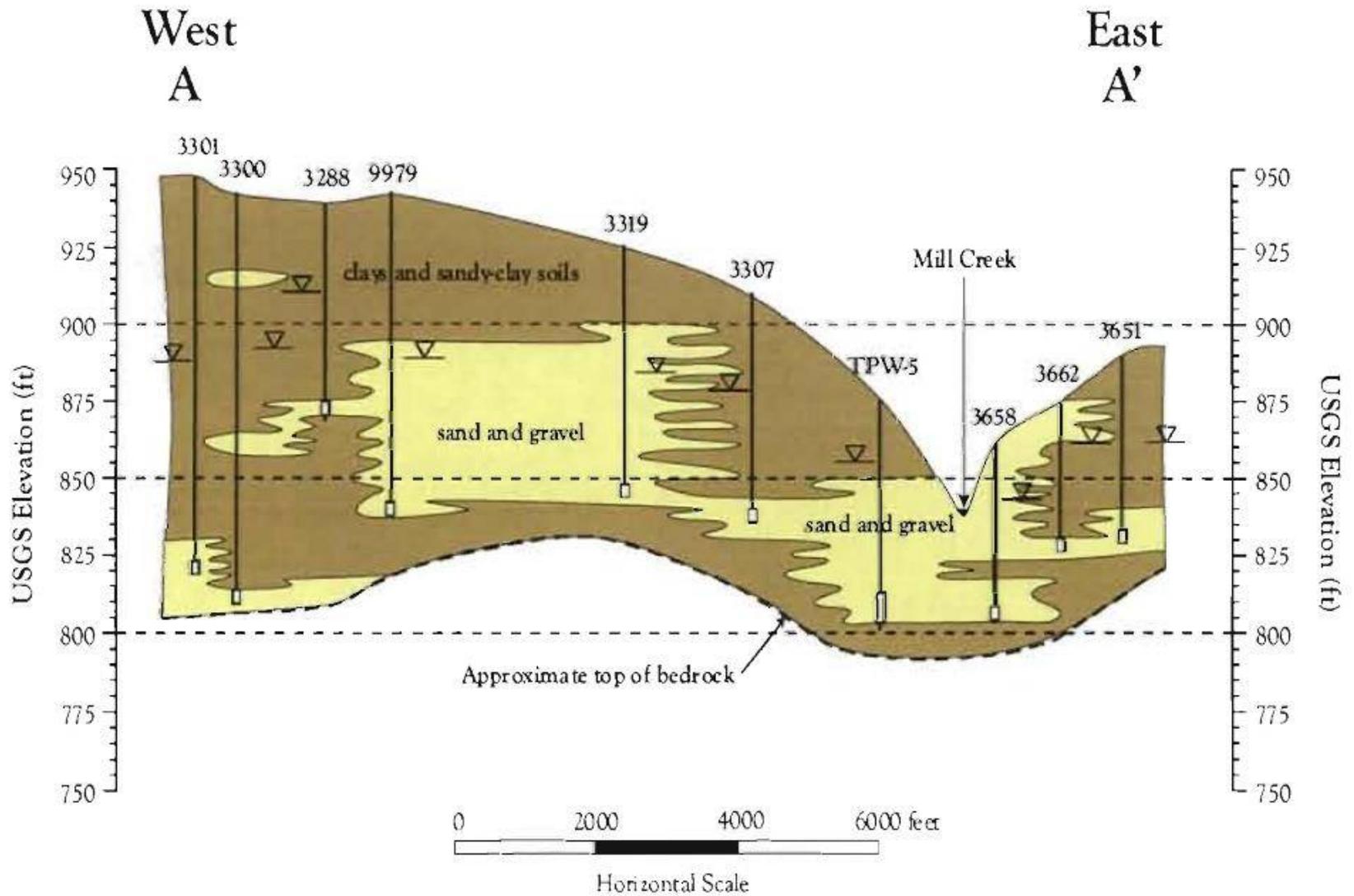
Orchard, Hiltz and McCliment, Inc.
 Consulting Engineers
 Livonia, Michigan

FIGURE 11
 CROSS SECTION LOCATION MAP
 CITY OF DEXTER



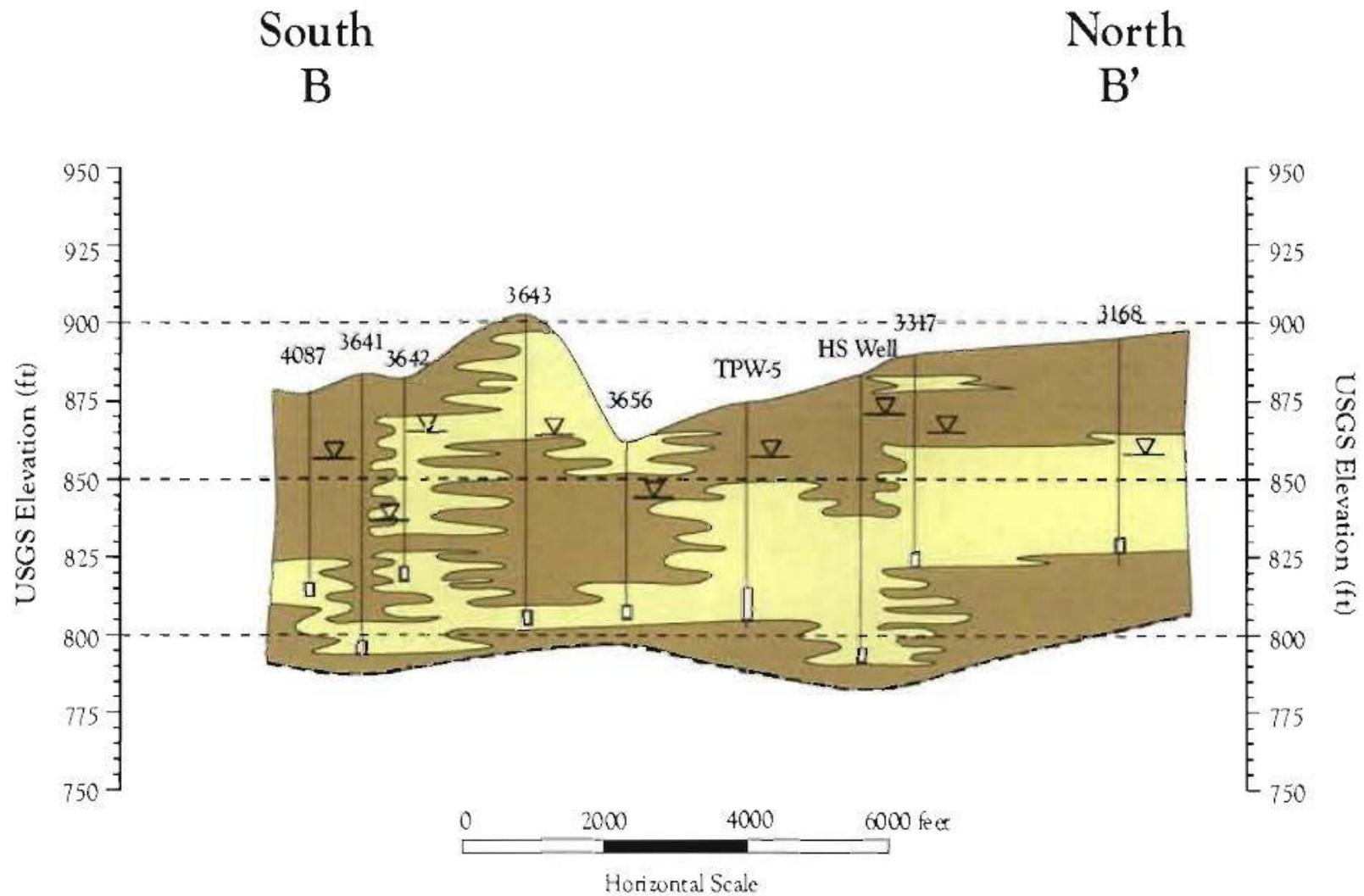
Orchard, Hiltz and McCliment, Inc.
 Consulting Engineers
 Livonia, Michigan

FIGURE 12
 GEOLOGIC CROSS SECTION
 CITY OF DEXTER



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 Consulting Engineers
 Livonia, Michigan

FIGURE 13
 GEOLOGIC CROSS SECTION
 CITY OF DEXTER



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FIGURE 14
 GEOLOGIC CROSS SECTION
 CITY OF DEXTER

Tables

Sites of Contamination (Part 201 of Act 451)

SITE_ID	SITENAME	ADDRESS	CITY	POLLUTANTS	LATITUDE	LONGITUDE	REFDESC	OS_DESCRIP
81000482	Village of Dexter Mun Well	Central Street, next to RR tracks	Dexter	PCE	42.338735	-83.879356	Center of a facility or station.	Interim Response conducted - No further activities anticipated

TABLE 1

Underground Storage Tanks

FACID	OWNER_I	FACNAME	ADDRESS	CITY	ZIPCODE	SOURCE	OPENLUS	CLOSLUS'	ACTVSITE	CLOSSITE	COLDATE
00002572	62428	Mugg & Bopps	2940 Baker Rd	Dexter	48130	State of MI	1	0	1	0	2002-04-30 00:00:00
00016465	15931	Wfge Inc Db Dexter Mill	3515 Central St	Dexter	48130	State of MI	0	0	0	1	2001-11-01 00:00:00
00040333	51200	Dexter Mobil	7177 Dexter Ann Arbor Rd	Dexter	48130	State of MI	0	0	1	0	2004-08-09 00:00:00
00041937	21248	Thomson Shore Inc (Formerly)	7275 W Joy Rd	Dexter	48130	State of MI	0	0	0	1	2007-05-31 00:00:00
00012724	4221	Dexter Gear & Spline	7900 2nd St	Dexter	48130	State of MI	0	1	0	1	2001-11-01 00:00:00
00041147	25876	Lafontaine Chevrolet	7120 Dexter Ann Arbor Rd	Dexter	48130	State of MI	0	1	0	1	2004-05-10 00:00:00
00011320	18728	Corner Enterprises, Inc	7910 DEXTER	DEXTER	48130	State of MI	1	0	0	1	2001-11-01 00:00:00
00040443	33922	Wolverine Moore Glass Building	7444 Dexter-Ann Arbor	Dexter	48130	State of MI	0	1	0	1	2004-05-10 00:00:00

TABLE 2

Table 3 - Available Upon Request

Appendix A: Geologic Well Logs

TAX NO:		PERMIT NO:		Page of 1 1																																																				
1. LOCATION OF WELL																																																								
County WASHTENAW	Township Name SCIO	Fraction NE 1/4 SW 1/4 SW 1/4	Section No 5	Town No 2 S	Range Number 5 E																																																			
Distance And Direction From Road Intersection WEST OF DON HOEY ON THE NORTH SIDE OF ANN ARBOR ROAD			3. Owner of Well VILLAGES OF DEXTER Address 34935 SCHOOLCRAFT ROAD LIVONIA MI 48150 Address Same as Well Location? NO																																																					
Well Addr: ANN ARBOR ROAD PW-3			4. WELL DEPTH Date Compl This is a: 200 ft. 12/01/97 NEW WELL																																																					
Locate with 'X' in Sec. Below Sketch Map			5. EQUIPMENT USED: ROTARY 6. WELL USE: TYPE I PUBLIC																																																					
			7. CASING Type: STEEL Connection: WELDED Diam. Height ABOVE 8 in. to 100 ft. Surface 1 ft in. to ft. Weight lb./ft. BORE HOLE: Drive Shoe NO 10 in. to 210 ft. Shale Packer NO in. to ft.																																																					
<table border="1"> <thead> <tr> <th>Formation Description</th> <th>Thickness</th> <th>Depth</th> </tr> </thead> <tbody> <tr><td>CLAY</td><td>20</td><td>20</td></tr> <tr><td>YELLOW COARSE GRAVEL</td><td>10</td><td>30</td></tr> <tr><td>CLAY</td><td>50</td><td>80</td></tr> <tr><td>SAND</td><td>5</td><td>85</td></tr> <tr><td>CLAY</td><td>55</td><td>140</td></tr> <tr><td>SAND</td><td>10</td><td>150</td></tr> <tr><td>CLAY</td><td>30</td><td>180</td></tr> <tr><td>SAND</td><td>10</td><td>190</td></tr> <tr><td>COARSE GRAVEL</td><td>10</td><td>200</td></tr> <tr><td>BLUE SANDSTONE CLAY</td><td>10</td><td>210</td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>			Formation Description	Thickness	Depth	CLAY	20	20	YELLOW COARSE GRAVEL	10	30	CLAY	50	80	SAND	5	85	CLAY	55	140	SAND	10	150	CLAY	30	180	SAND	10	190	COARSE GRAVEL	10	200	BLUE SANDSTONE CLAY	10	210																			8. Screen Type: S.S Dia: 8 [] Not Inst. SLOT #0 Length: 20 Set Between 100 ft. and 200 ft. Fittings: [] Blank above scrn: ft		
Formation Description	Thickness	Depth																																																						
CLAY	20	20																																																						
YELLOW COARSE GRAVEL	10	30																																																						
CLAY	50	80																																																						
SAND	5	85																																																						
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SAND	10	190																																																						
COARSE GRAVEL	10	200																																																						
BLUE SANDSTONE CLAY	10	210																																																						
15. Abandoned Well Plugged? NO N/A Casing Diameter in. Depth ft. Plugging Material: No. of Bags Casing Removed?			9. Static Level: ft. Flow: END																																																					
16. Remarks, elevation, source of data, etc. 30 BAGS NO 4 CHILICOTH-30 BAGS NO 5 CHILICOTH 10 BAGS NO 5 CHILICOTH			10. Pumping Level below land surface: 200 ft. after 15 hrs. @ 200 GPM [] Plunger [] Bailer [X] Air [] Test Pump																																																					
17. Drilling Machine Operator: [] Employee [] Subcontractor Name EDWARD BIRKMEIER			11. Well Head Completion: 12" ABOVE GRADE																																																					
			12. Grouted from 100 to 0 ft Material: NEAT CEMENT No. of Bags 70 bags Additives:																																																					
			13. Nearest source of possible contamination: Type: NONE AT TIME Distance: ft. Dir: Type: Distance: ft. Dir:																																																					
			14. Pump: [X] Not Installed [] Installation Only Manufacturer's Name: Model: HP: 0 Voltage: 0 Drop pipe: ft. Capacity: 0 GPM Pump type: Pressure Tank Manufacturer's Name: Model: Capacity: Gal.																																																					

WATER WELL CONTRACTOR'S CERTIFICATION:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Registered Bus. Name ED BIRKMEIER WELL DRILLING LTD 1607
Bus. Address 1650 Cassion Road New Lothrop MI 48040
Edward Birkmeier
Signed _____ Date 01/07/98
Authorized Representative

GW-2-228 9/93
Authority: Act 368 PA 197B
Completion: Required
Penalty: Conviction of a violation of any provision is a misdemeanor.

PW-4

WATER WELL AND PUMP RECORD

Completion is required under authority of Part 127 Act 368 PA 1978
 Failure to comply is a misdemeanor

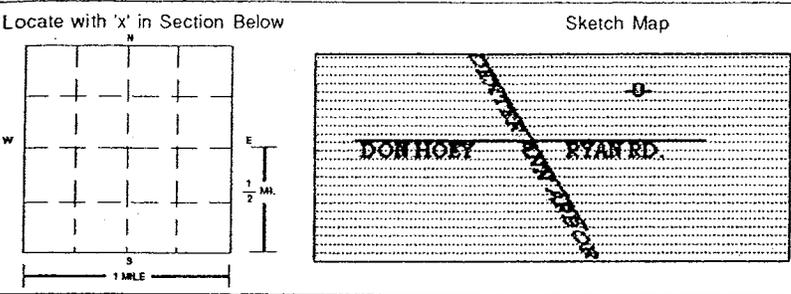
TAX NO: **WELL** PW-4

PERMIT NO: **PW-4**

1. LOCATION OF WELL
 County: **WASHTENAW** Township Name: **SCIO** Fraction: **NE 1/4 SE 1/4 SW 1/4** Section No.: **05** Town No.: **25S** Range No.: **5N**

Distance and Direction from Road Intersection
1/8 MILE E. OF DEXTER ANN ARBOR RD. - 250' N. OF RYAN.
 Street Address & City of Well Location: **ANN ARBOR DEXTER**

3. OWNER OF WELL
 Address: **VILLAGE OF DEXTER ANN ARBOR & DON HOEY DEXTER MI**
 Address Same as Well Location Yes No



4. WELL DEPTH: **215** ft. Date Completed: **4 / 28 / 00**
 New Well Replacement Well

5. Cable Tool Rotary Driven Dug
 Hollow Rod Auger/Bored Jetted

6. USE: Household Type I Public Type III Public
 Irrigation Type IIa Public Heat Pump
 Test Well Type IIb Public

7. CASING: Steel Threaded Plastic Welded Other
 Height: Above ~~GROUND~~ Surface: **1** ft
 Diameter: **8** in. to **195** ft. depth Weight: **28** lbs./ft.
 BORE HOLE: Diameter: **16** in. to **215** ft. depth
 Drive Shoe Shale Packer

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
BROWN CLAY & GRAVEL	19	19
SAND & GRAVEL	5	24
GRAY CLAY	130	154
SAND & GRAVEL	5	159
GRAY CLAY	31	190
COARSE SAND & FINE GRAVEL	25	215
GRAY CLAY	5	220
USE A 2ND SHEET IF NEEDED		

8. SCREEN: Not Installed Gravel-Packed
 Type: **STAINLESS** Diameter: **8**
 Slot/Grit: **20** Length: **20**
 Set Between **195** ft. and **215** ft.
 FITTINGS: K-Packer Bremer Check Blank Above Screen _____ ft. Other _____

9. STATIC WATER LEVEL: **88** ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface _____ ft. After _____ hrs. Pumping at _____ G.P.M.
 Plunger Bailer Air Test Pump

11. WELL HEAD COMPLETION:
 Pitless Adapter 12" Above Grade
 Basement Offset Well House

12. WELL GROUTED? No Yes From **0** to **185** ft.
 Neat Cement Bentonite Other _____
 No. of Bags **150** Additives _____

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
 Type: **SEWER** Distance **250** ft. Direction **S.**
 Type _____ Distance _____ ft. Direction _____

15. ABANDONED WELL PLUGGED? Yes No
 Casing Diameter _____ in. Depth _____ ft.
 PLUGGING MATERIAL: Neat Cement Bentonite Slurry
 Cement/Bentonite Slurry Concrete Grout Bentonite Chips
 No. of Bags _____ Casing Removed? Yes No

14. PUMP: Not Installed Pump Installation Only
 Manufacturer's Name _____
 Model Number _____ HP _____ Volts _____
 Length of Drop Pipe _____ ft. Capacity _____ G.P.M.
 TYPE: Submersible Jet Other _____
 PRESSURE TANK:
 Manufacturer's Name _____
 Model Number _____ Capacity _____ Gallons _____

16. REMARKS: (Elevation, Source of Data, etc.)

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
 Name: **RICH BLOOM**

18. WATER WELL CONTRACTOR'S CERTIFICATION:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Raymer Company, Inc. REGISTERED BUSINESS NAME **0384** REGISTRATION NO.
 Address: **1357 Comstock, Mame MI 49435**
 Signed: *[Signature]* Date: **5/19/00**
 TITLE: REPRESENTATIVE

IMPORTANT: File with deed.



WATER WELL AND PUMP RECORD

Completion is required under authority of Part 127 Act 368 PA 1978.

Well ID: 81000017796

Failure to comply is a misdemeanor.

Tax No:		Permit No.		County: Washtenaw		Township: Scio	
Well ID: 81000017796 Elevation: Latitude: 42.31979 Longitude: -83.89554 <div style="font-size: 2em; margin-left: 100px;">OW-1</div>		Fraction: NE ⁷ .SE / NE ⁷ .		Section: 7	Town/Range: 025 OSE	WSSN:	Source ID/Well No: TW-02-07
		Distance and Direction from Road Intersection: 1/4 MILE SOUTH OF SHI ELD RD. & 1/4 MILE EAST OF BAKER RD.					
		Well Owner: Village Of Dexter					
Well Address: BAKER RD. DEXTER MI 48130				Owner Address: 8140 MAIN ST. DEXTER MI 48130			

Drilling Method: Rotary		Pump Installed: No		Pump Installation only: No	
Well Depth: 70.00 ft.		Well Use: Test well		Pump Installation date:	
Well Type: New		Date Completed: 6/28/2007		HP:	
Casing Type: PVC plastic		Manufacturer:		Pump Type:	
Casing Joint: Solvent welded/glued		Model Number:		Pump Capacity:	
Diameter: 5.00 in. to 53.00 ft. depth		Length of Drop Pipe:		Id of Well:	
Bore Diameter 1: 8.75 in. to 80.00 ft. depth		Diameter of Drop Pipe:			
Bore Diameter 2:		Draw Down Seal Used: No			
Bore Diameter 3:		Pressure Tank Installed: No			
Height: 2.00 ft. above grade		Pressure Tank Type:			
Casing Fitting: Centralizer		Manufacturer:		Tank Capacity : Gallons	
Static Water Level: 18.00 ft. Below Grade(Not Flowing)		Model Number :		Pressure Relief Valve Installed : No	
Yield Test Method: Test pump		Pressure Relief Valve Installed :			
Measurement Taken During Pump Test:		Formation Description		Thickness	Depth to
20.50 ft. after 4.00 hrs. pumping at 75.00 GPM		Brown Clay	4000	4000	
Abandoned Well Plugged: No		Gravel & Boulders Stoney Coarse	4000	8000	
Reason for not plugging Well:					
Abandoned well ID:					
Screen Installed: Yes		Well Intake:			
Filter Packed: Yes					
Screen Diameter: 3.00 in.		Length: 17.00 ft.			
Screen Material Type: Stainless steel-wire wrapped					
Slot: 25.00 in. Set Between 53.00 R. and 70.00 ft.					
Blank:					
Fittings:					
Other:					
Well Grouted: Yes		Grouting Method: Grout pipe outside casing		Geology Remarks:	
No. of Bags: 14		Additives: None			
Grouting Materials:					
Neat cement		From 0.00 ft. to 45.00 ft.			
Well Head Completion:		12 inches above grad9			
Nearest source of possible contamination:		Contractor Type: Water well drilling contractor		Registration Number: 2055	
Type		Distance		Direction	
None		Business Name: Raymer Company, Inc.		Business Address: 1357 Comstock Street. Marne, MI 49435	
Drilling Machine Operator Name: JAKE WARNER		WATER WELL CONTRACTOR'S CERTIFICATION:			
Employment: Employee		This well was drilled under my supervision and this report is true to the best of my knowledge and belief.			
General Remarks: WILLIAMS & WORKS ENGINEERING & SCIENCE. DAN WHALEN, P.E., CONSULTANTS.		Signature of Registered Contractor		Date	
OTHER REMARKS Screen Fittings: 5" X 3" BUSHING.					

EQP 2017C (2/2000)

ATTENTION WELL OWNER FILE WITH DEED

7/3/2007 14.31



WATER WELL AND PUMP RECORD

Completion is required under authority of Part 127 Act 368 PA 1978.

Well ID: 81000018050

Failure to comply is a misdemeanor.

Tax No:	Permit No:	County: Washtenaw		Township: Scio
Well ID: 81000018050	Fraction: NE ⁹ / SE ⁷ + NE ⁷ .	Section: 7	Town/Range: 025 OSE	WSSN:
	Source ID/Well No: TW-04-07			
	Distance and Direction from Road Intersection: 1/4 MILE SOUTH OF SHIELD RD. 1/4 MILE EAST OF BAKER RD.			
Elevation:	Well Owner: Village Of Dexter			
Latitude: 42.31778	Well Address: BAKER RD. DEXTER MI 48130		Owner Address: 8140 MAIN ST. DEXTER MI 48130	
Longitude: -83.89554	OW-2			

Drilling Method: Rotary Well Depth: 70.00 ft. Well Use: Test well Well Type: New Date Completed: 11/30/2007 Casing Type: PVC plastic Casing Joint: Solvent welded/glued Diameter: 5.00 in. to 53.00 ft. depth 21.00 SDR Bore Diameter 1: 8.75 in. to 78.00 ft. depth Bore Diameter 2: Bore Diameter 3: Height: 1.00 ft. above grade Casing Fitting: Centralizer	Pump Installed: No Pump Installation only: No Pump Installation date: HP: Manufacturer: Pump Type: Model Number: Pump Capacity: Length of Drop Pipe: Id of Well' Diameter of Drop Pipe: Draw Down Seal Used: No Pressure Tank Installed: No Pressure Tank Type: Manufacturer: Model Number : Tan k Capacity : Gallons Pressure Relief Valve Installed : No																														
Static Water Level: 18.00 ft. Below Grade(Not Flowing) Yield Test Method: Air Measurement Taken During Pump Test: 25.00 ft. aAer 4.00 hrs. pumping at 100.00 GPM Abandoned Well Plugged: No Reason for not plugging Well: Abandoned well ID:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Formation Description</th> <th style="width: 10%;">Thickness</th> <th style="width: 20%;">Depth to</th> </tr> </thead> <tbody> <tr> <td>Brown Clay</td> <td style="text-align: center;">4000</td> <td style="text-align: center;">4000</td> </tr> <tr> <td>Gravel & Boulders Sloney Coarse</td> <td style="text-align: center;">3800</td> <td style="text-align: center;">7800</td> </tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Formation Description	Thickness	Depth to	Brown Clay	4000	4000	Gravel & Boulders Sloney Coarse	3800	7800																					
	Formation Description	Thickness	Depth to																												
Brown Clay	4000	4000																													
Gravel & Boulders Sloney Coarse	3800	7800																													
Screen Installed: Yes Well Intake: Filter Packed: Yes Screen Diameter: 3.00 in. Length: 17.00 ft. Screen Material Type: Stainless steel-wire wrapped Slot: 25.00 in. Set Between 53.00 ft. and 70.00 ft. Blank: Fittings: Other	Geology Remarks:																														
Well Grouted: Yes Grouting Method: Grout pipe outside casing No. of Bags: 15 Additives: None Grouting Materials: Neat cement From 0.00 ft. to 44.00 ft. Well Head Completion: 12 inches above grade	Contractor Type: Water well drilling contractor Registration Number: 2055 Business Name: Raymer Company, Inc. Business Address: 1357 Comstock Street, Marne, M1 49435 WATER WELL CONTRACTOR'S CERTIFICATION. This well was drilled under my supervision and this report is true to the best of my knowledge and belief.																														
Nearest source of possible contamination: Type Distance Direction None None	Signature of Registered Contractor Date																														
Drilling Machine Operator Name: JAKE WARNER Employment: Employee																															
General Remarks: ENGINEERED BY: DAN WHALEN, PE. OTHER REMARKS Screen Fittings: 5" X 3" BUSHING.																															

EQP 2017C(2/2000)

ATTENTION WELL OWNER FILE WITH DEED

11/30/2007 17:18



WATER WELL AND PUMP RECORD

Completion is required under authority of Part 127 Act 368 PA 1978.

Well ID: 81000018049

Failure to comply is a misdemeanor.

Tax No:	Permit No:	County: Washlenaw	Township: Scio	
Well ID: 81000018049 Elevation. Latitude: 42.32029 Longitude: -83.89678 OW-3	Fraction: NE ⁷ .SE ⁷ + NE/	Section: 25	Town/Range: 025 OSE	
	WSSN:			Source ID/Well No: TW-03-07
	Distance and Direction from Road Intersection: 1/4 MILE SOUTH OF SHIELD RD. 1/4 MILE EAST OF BAKER RD.			
	Well Owner: Village Of Dexter			
Well Address: BAKER RD. DEXTER MI 148130		Owner Address: 8140 MAIN ST. DEXTER MI 48130		

Drilling Method: Rotary	Pump Installed: No	Pump Installation only: No
Well Depth: 65.00 ft.	Well Use: Test well	Pump Installation date:
Well Type: New	Date Completed: 11/29/2007	HP:
Casing Type: PVC: plastic	Manufacturer:	Pump Type:
Casing Joint: Solvent welded/glued	Model Number:	Pump Capacity:
Diameter: 5.00 in. to 57.00 ft. depth 21.00 SDR	Length of Drop Pipe:	Id of Well:
Bore Diameter 1: 8.75 in. to 72.00 ft. depth	Diameter of Drop Pipe:	
Bore Diameter 2:	Draw Down Seal Used: No	
Bore Diameter 3:	Pressure Tank Installed: No	
Height: 1.00 ft. above grade	Pressure Tank Type:	
Casing Fitting: centralizer	Manufacturer:	
	Model Number :	Tank Capacity : Gallons
	Pressure Relief Valve Installed . No	
Static Water Level: 28.00 ft. Below Grade(Not Flowing)	Formation Description	Thickness
Yield Test Method: Test pump		Depth to
Measurement Taken During Pump Test:	Brown Clay	35.00
32.00 ft. after 4.00 hrs. pumping at 70.00 GPM	Gravel & Sand	30.00
	Boulders	7.00
Abandoned Well Plugged: No		
Reason for not plugging Well:		
Abandoned well ID:		
Screen Installed: Yes	Well Intake:	
Filter Packed: Yes		
Screen Diameter: 3.00 in.	Length: 8.00 ft.	
Screen Material Type: Stainless steel-wire wrapped		
Slot: 30.00 in. Set Between 57.00 ft. and 65.00 ft.		
Blank:		
Fittings:		
Other		
Well Grouted: Yes	Grouting Method: Grout pipe outside casing	
No. of Bags: 13	Additives: None	
Grouting Materials:		
Neat cement	From 0.00 ft. to 50.00 ft.	
Well Head Completion: 12 inches above grade		
Nearest source of possible contamination:	Geology Remarks:	
Type		
Distance		
Direction		
None		
	Contractor Type: Water well drilling contractor	
	Registration Number: 2055	
	Business Name: Raymer Company, Inc.	
	Business Address: 1357 Comstock Street, Marne, MI 49435	
	WATER WELL CONTRACTOR'S CERTIFICATION.	
	This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
Drilling Machine Operator Nanne: JAKE WARNER	Signature of Registered Contractor	Date
Employment: Employee		
General Remarks: Q/s=17.5. ENGINEERING BY: DAN WHALEN, P.E.		
OTHER REMARKS Screen Fittings: 5" X 3" BUSHING.		

EQP 2017C (2/2000)

ATTENTION WELL OWNER. FILE WITH DEED

11/30/2007 07:30

2/18/2000 21 :09

Appendix B:
Laboratory Data Sheets -
Tritium Analysis



Department of
Earth Sciences

Faculty of Science

University of Waterloo
200 University Avenue West
Waterloo, Ontario, Canada
N2L 3G1

519-885-1211
Fax 519-746-7484

Environmental Isotope Lab

January 23, 2001

Mr. Todd Feenstra
Williams & Works
549 Ottawa Ave., N.W.
Grand Rapids, MI
USA 49503

Dear Mr. Feesntra:

Your sample arrived safely and for your files I have enclosed a sheet showing ISO# and LAB# assigned to it. I will send you the result as soon as I get it.

Yours truly

A handwritten signature in cursive script that reads "Mary Ellen Patton".

Mary Ellen Patton

Client: Feenstra
Williams Works

ISO# 2001021
Location: 1 - C
one for E3H

Environmental Isotope Lab
01-01-19

Sample	Lab#	E3H	Result	Repeat
Village of Dexter	14699	X		

Tritium is reported in Tritium Units
1TU=3.193 Picocuries/L
1TU=0.11815 Becquerels/L

To Contact EIL:
mepatton@uwaterloo.ca
or phone:
519 888 4732

Robert J. Drimmie
Laboratory Manager
rdrimmie@uwaterloo.ca
519 888 4567 ext 2580

Client: Feenstra
Williams Works

ISO# 2001021
Location: 1 - C
one for E3H

Environmental Isotope Lab
01-03-01

Sample	Lab#	E3H	Result
Village of Dexter	14699	X	<0.8 +/- 0.6

Tritium is reported in Tritium Units
1TU=3.193 Picocuries/L
1TU=0.11815 Becquerels/L

To Contact EIL:
mepatton@uwaterloo.ca
or phone:
519 888 4732

Robert J. Drimmie
Laboratory Manager
rdimmie@uwaterloo.ca
519 888 4567 ext 2580



**Department of
Earth Sciences**
Faculty of Science

University of Waterloo
200 University Avenue West
Waterloo, Ontario, Canada
N2L 3G1

519-885-1211
Fax 519-746-7484

Environmental Isotope Lab

March 1, 2001

Mr. Todd Feenstra
Williams & Works
549 Ottawa Ave., N.W.
Grand Rapids, MI
USA 49503

Dear Mr. Feenstra:

Enclosed please find the result of the testing done on the sample you submitted to our lab recently. I hope you are happy with it. As storage space here is scarce, we can keep the sample for two months (i.e. until May 1, 2001), after which time we will throw it out unless you have called with other instructions.

A bill for these services will arrive shortly.

Thank you for sending your sample to our lab.

Yours truly

A handwritten signature in cursive script that reads "Mary Ellen Patton".

Mary Ellen Patton



October 28, 2011

TRITIUM LABORATORY

Data Release #11-090
Job # 2932

VILLAGE OF DEXTER
TRITIUM SAMPLES

Dr. James D. Happell
Associate Research Professor

Distribution:
Andrea Dorney
Village of Dexter
8140 Main Street
Dexter, MI 48130

COMMENTS ON TRITIUM RESULTS

Tritium Scale New Half-life

Tritium concentrations are expressed in TU, where 1 TU indicates a T/H abundance ratio of 10^{-18} . The values refer to the tritium scale recommended by U.S. National Institute of Science and Technology (NIST, formerly NBS), and International Atomic Energy Agency (IAEA). The TU-numbers are based on the NIST tritium water standard #4926E. Age corrections and conversions are made using the recommended half-life of **12.32 years**, i.e., a decay rate of $\lambda = 5.626\% \text{ year}^{-1}$. In this scale, 1 TU is equivalent to 7.151 dpm/kg H₂O, or 3.222 pCi/kg H₂O, or 0.1192 Bq/kg H₂O (Bq = disint/sec).

TU values are calculated for date of sample collection, REFDATE in the table, as provided by the submitter. If no such date is available, date of sample arrival at our laboratory is used.

The stated errors, eTU, are one standard deviation (1 sigma) including all conceivable contributions. In the table, QUANT is quantity of sample received, and ELYS is the amount of water taken for electrolytic enrichment. DIR means direct run (no enrichment).

Remark: From 1 Jan 1994 through 31 Dec 2001 we used the previously recommended value for the half-life, 12.43 years. The use of the new number, 12.32 years will in practice increase the reported TU-values by 0.9 %. This is insignificant since our reported values carry 1 sigma uncertainties of 3 % or more.

It is interesting to note that before 1994 we used the older, then recommended value of 12.26 years.

Very low tritium values

In some cases, negative TU values are listed. Such numbers can occur because the net tritium count rate is, in principle the difference between the count rate of the sample and that of a tritium-free sample (background count or blank sample).

Given a set of "unknown" samples with no tritium, the distribution of net results should become symmetrical around 0 TU. The negative values are reported as such for the benefit of allowing the user unbiased statistical treatment of sets of the data. For other applications, 0 TU should be used.

Additional information

Refer to Services Rendered (Tritium), Section II.8, in the "Tritium Laboratory Price Schedule; Procedures and Standards; Advice on Sampling", and our Web-site www.rsmas.edu/groups/tritium.

Tritium efficiencies and background values are somewhat different in each of the nine counters and values are corrected for cosmic intensity, gas pressure and other parameters. For tritium, the efficiency is typically 1.00 cpm per 100 TU (direct counting). At 50x enrichment, the efficiency is equivalent to 1.00 cpm per 2.4 TU. The background is typically 0.3 cpm, known to about ± 0.02 cpm. Our reported results include not only the Poisson statistics, but also other experimental uncertainties such as enrichment error, etc.

End

Client: CITY OF DEXTER
Recvd : 11/08/30
Job# : 2932
Final : 11/10/26

Purchase Order: 001000
Contact: Andrea Dorney, 313-426-8303
8140 Main Street
Dexter, MI 48130

Cust	LABEL INFO	JOB.SX	REFDATE	QUANT	ELYS	TU	eTU
DEXTER	- 5TH WELL	2932.01	110823	1000	275	8.59	0.28
DEXTER	- RYAND WELL HOUSE	2932.02	110823	1000	275	5.01	0.17

Appendix C:
Revised Site Plan Checklist

Article XXI

SITE PLAN REVIEW AND APPROVAL

Adopted January 14, 2002, Effective January 14, 2002

Section 21.01 INTENT

The intent of this article is to establish the procedures and consistent standards for review and approval of site plans to ensure full compliance with the regulations in this Ordinance and other applicable ordinances and state and federal regulations of development proposals. Site plan review standards are intended to encourage consultation and cooperation between the applicant and the Village to balance the property owners right to a reasonable rate of return on investment with the Village's overall land use goals and desire to minimize adverse impacts on the investments of surrounding landowners. Therefore, these site plan review standards insure a thorough evaluation of a development in relation to the goals of the Village of Dexter Master Plan and the potential impacts on the environment, drainage, utilities, traffic, aesthetics, property values and other public health, safety and welfare issues.

This section also contains special provisions to evaluate impacts of particular uses and to allow administrative approval in certain cases where there is a change in use, a minor change to an existing site or a minor change determined necessary in the field during construction.

Section 21.02 USES REQUIRING SITE PLAN REVIEW

No building shall be erected, moved, externally altered, added to, or have any change in use which would affect its approved off-street parking, landscaping, utility services, manner of operation, other requirements, or which result in the creation of a nuisance per se except in accordance with a plan approved under this Section. Specifically, site plan review shall apply to all new construction, including building additions and accessory uses, as required herein:

1. Site Plan Required Submission of a site plan shall be required for, but not limited to, all of the following:
 - A. Any new structures or uses in the R-1A thru R-1B and VR Districts, except single-family residences and accessory structures
 - B. Any residential development, except construction or expansion of a single-family or two-family dwelling unit on an individual lot or parcel in the R-1A, R-1B and the R-3 zoning districts, or the placement of dwelling units in an approved mobile home park.
 - C. The Development of any nonresidential use or building in all zoning districts
 - D. Any request to change, replace with a different use, add or recommence a use on an existing site, including expansions in area, volume or intensity of an existing use
 - E. All residential condominium developments with three (3) or more units
 - F. Special Land Uses in all zoning districts
 - G. Wireless communication towers
 - H. Essential public service buildings and storage areas

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- Q. State and Federal requirements for storage, spill prevention, record keeping, emergency response, transport and disposal of hazardous substances, hazardous wastes, liquid industrial waste or potentially polluting materials shall be met. No discharge to surface water or groundwater, including direct and indirect discharges of waste, waste effluent, wastewater, pollutants, or cooling water shall be allowed without approval from state, county and local agencies.

Section 21.04 APPLICATION FOR SITE PLAN REVIEW

Amended January 14, 2002, Effective January 14, 2002

- A. The detailed site plan presented for review and recommendation by the Planning Commission and consideration by the Village Council shall contain all information required in this Ordinance. A complete submittal of a site plan shall be per the following criteria:

1. Site plans shall be submitted per the Planning Commission Application Review Calendar. Planning Commission regular meetings are held the first Monday of the month. Applications are due by Thursday the week before the prior months regular meeting
2. A completed application form, as provided by the Village, along with the required fee and deposit established by resolution of the Village Council. The owner's signed consent is required on the application if the applicant is not the owner
3. Twenty-five (25) sets of site plan drawings, which will be forwarded by the Zoning Administrator to the Fire Department, Department of Public Works, Water and Sewer Department, Planner, and Engineer for review. Site plans shall be prepared, signed and sealed by an architect, engineer, community planner, landscape architect, or land surveyor registered by the State of Michigan.
4. Site plans shall always include an overall site plan for the entire development. Sheet size shall be at least 24' x 36". Site plans shall be drawn to a scale of not less than 1" = 20' for property less than three (3) acres, or to scale of not less than 1" = 100' for property of three (3) or more acres. Included on the site plan will be all of the following data as applicable, per this Article

- B. Preliminary site plan.

1. Information Required -- Each preliminary site plan submitted for review shall provide the following information:
 - a. Location map, address and legal description of the property, dimensions and area of the site;
 - b. Topography and site soil classifications;
 - c. Name, address, phone number of the property owner and the applicant;
 - d. Title block, scale, north arrow, and date of plan;
 - e. Dimensional Requirements; (options)
 - (1) Location and exterior dimensions of proposed buildings/structures; outline; floor area; distances between buildings/structures; height in feet and stories; finished floor elevations and number and type of dwelling units (where applicable)

Site Plan Review and Approval

- e A vicinity map; legal description of the property; dimensions and lot area. Where a metes and bounds description is used, lot line angles or bearing shall be indicated on the plan. Lot line dimensions and angles or bearing shall be based upon a boundary survey prepared by a contract land surveyor or registered surveyor and shall correlate with the legal description. Lot iron locations shall be identified.
- f Existing topography (minimum contour interval of two feet); existing natural features such as trees, wooded areas, streams, marshes, ponds, and other wetlands; clear indication of all natural features to remain and to be removed. All trees eight (8) inch diameter or larger shall be accurately located on the final site plan. Label each tree as to either preserved or removed.
- g General description of deed restrictions, if any, and covenants and/or development agreement, and association by-laws per Section 21 13
- h Owner, use and zoning classification of adjacent impacts; location and outline of buildings, drives, parking lots, and other improvements on adjacent properties
- i Existing public utilities on or serving the property -- location and size of water lines and hydrants; location, size and inverts for sanitary sewer and storm sewer lines; location of manholes and catch basins, location and size of wells, septic tanks and drain fields
- j Name and right-of-way of existing streets on or adjacent to the property; surface type and width; spot elevations at intersections with streets and drives of the proposed development
- k Zoning classification of the subject property; location of required yards; total ground floor area and lot coverage (percent); floor area ratio. In the case of residential units, the plan shall note dwelling unit density, lot area per dwelling unit, and a complete schedule of the number, size and type of dwelling units.
- l Grading plan, showing finished contours at a minimum interval of two (2) feet, and correlated with existing contours so as to clearly indicate cut and fill required. All finished contour lines are to be connected to existing contour lines at or before the property lines
- m Location and exterior dimensions of proposed buildings/structures, with the location to be referenced to property lines or to a common base point; distances between buildings/structures; height in feet and stories; finished floor elevations and contact grade elevations.
- n Location and alignment of all proposed streets and drives; fight-of-way where applicable; surface type and width, and typical cross-section of same showing surface, base, and sub-surface materials and dimensions; location and typical depth of curbs; turning lanes, with details (where applicable); location, width, surface elevations and grades of all entries and exits; curve radii.
- o Location and dimensions of proposed parking lots; number of spaces in each lot; dimensions of spaces and aisles; drainage pattern of lots; typical cross-section showing surface, base, and sub-surface materials; angles of spaces

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- p Location and size of proposed improvements of open spaces and recreation areas, and maintenance provisions for such areas
 - q Locations, width, and surface of proposed sidewalks and pedestrian ways
 - r Location and type of proposed screens and fences; height, typical elevation and vertical section of screens, showing materials and dimensions.
 - s Locations of proposed outdoor trash container enclosures; size, typical elevation, and vertical section of enclosures; showing materials and dimensions.
 - t Location, type, size, area, and height of proposed signs.
 - u Layout, size of lines, inverts, hydrants, drainage flow patterns, location of manholes and catch basins for proposed sanitary sewer, water and storm drainage utilities; location and size of retention ponds and degrees of slope of sides of ponds; calculations for size of storm drainage facilities; location of electricity and telephone services; location and size of underground tanks where applicable; location and size of outdoor incinerators; location and size of wells, septic tanks, and drain fields where applicable Final engineering drawings for all site improvements such as, but not limited to, water, sanitary sewer and storm sewer systems; streets, drives and parking lots; retention ponds and other ponds or lakes, retaining walls; shall be submitted to and approved by the Village Engineer prior to Planning Commission approval of the final site plan. If on-site water and sewer facilities are to be used, a letter of approval of same, or a copy of the permit from the Washtenaw County Health Department shall be submitted to the Planning Commission Secretary prior to Planning Commission approval of the final site plan.
 - v Landscape plan showing location and size of plant materials.
 - w Description of measures to control soil erosion and sedimentation during grading and construction operations and until a permanent ground cover is established. Recommendations for such measures may be obtained from the County Soil Conservation Service.
 - x Location of proposed retaining walls; dimensions and materials of same; fill materials; typical vertical sections; restoration of adjacent properties; where applicable
 - y Location, type, direction, and intensity of outside lighting.
 - aa Right-of-way expansion where applicable; reservation or dedication of right-of-way to be clearly noted
3. Standards for Review -- In reviewing the final site plan, the Planning Commission shall determine whether the plan meets the following standards;
- a That the final site plan conforms to the preliminary site plan as approved by the Village Council;
 - b That the plan meets all applicable standards in Section 21.04C(3) herein;

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- c. That the plan meets the specifications of Dexter Village for fire and-police protection, water supply, sewage disposal or treatment, storm drainage, and other public facilities and services, and has been approved by the Village Fire Chief and the Village Engineer;
 - d. That the proposed development will not cause soil erosion or sedimentation problems;
 - e. That the drainage plan for the proposed development is adequate to handle anticipated storm water runoff and will not cause undue runoff onto neighboring property or overloading of watercourses in the area; that the proposed development is coordinated with improvements serving the subject property and with the other developments in the general vicinity;
 - g. That outside lighting will not adversely affect adjacent or neighboring properties, or traffic on adjacent streets;
 - h. That outdoor storage of garbage and refuse is contained, screened from view, and located so as not to be a nuisance to the subject property or neighboring properties;
 - i. That grading or filling will not destroy the character of the property or the surrounding area and will not adversely affect the adjacent or neighboring properties;
 - j. That parking layout will not adversely affect the flow of traffic within the site or to and from the adjacent streets;
 - k. That the plan meets the standards of other government agencies, where applicable, and that the approval of these agencies has been obtained or is assured; and
 - l. That the plan provides for the proper expansion of existing public streets serving the site, where applicable
4. Planning Commission and Village Council Action -- The Planning Commission shall study the final site plan and shall, within sixty-five (65) days of the filing date, if the submitted application is complete, recommend approval or disapproval of the final site plan to the Village Council. The time limit may be extended upon mutual agreement between the applicant and the Planning Commission. After receiving a recommendation from the Commission the Village Council may approve, disapprove or require changes in the plan or may attach reasonable conditions to its approval. The Planning Commission shall include in its study of the site plan consultation with the Village Zoning Administrator, the Village Fire Chief, and the Village Engineer, and other governmental officials and departments and public utility companies that might have an interest in or be affected by the proposed development.

Upon Village Council approval of a final site plan, and resolution of any approval contingencies, the applicant, the owner(s) of record, or the legal representative thereof, and the Zoning Administrator shall each sign and stamp five (5) copies of the approved final site plan. The Zoning Administrator shall transmit two (2) signed copies of the plan and any conditions attached to the approval to the applicant and Village project file. If the final site plan is rejected, the Village Council shall notify the applicant in writing of such action and the reasons therefore within ten (10) days following the action.

5. Effect of Approval -- Approval of a final site plan authorizes issuance of a certificate of zoning compliance and issuance of a building permit, provided all other requirements for a building permit have been met. In the case of uses without buildings or structures, approval of a final site

Site Plan Review and Approval

plan authorizes issuance of a certificate of zoning compliance and issuance of a certificate of occupancy, provided all other requirements for such certificate have been met

- 6 Expiration of Approval -- Approval of a final site plan shall expire and be of no effect unless a zoning permit shall have been issued within one hundred eighty (180) days of the date of the final site plan. Approval of a final site plan shall expire and be of no effect five hundred forty-five (545) days following the date of approval unless construction has begun on the property and is diligently pursued to completion in conformance with the approved final site plan.

Section 21.05 COMBINING PRELIMINARY AND FINAL SITE PLANS

An applicant may, at the applicant's discretion and risk, with approval of the Zoning Administrator, combine a preliminary and final site plan in an application for approval. The Zoning Administrator shall have the authority to require submittal of a preliminary site plan separate from a final site plan, where, in his/her opinion, the complexity and/or size of the proposed development so warrant. A preliminary and final site plan shall not be combined for any development consisting of two (2) or more phases

Section 21.06 MODIFICATION OF PLAN DURING CONSTRUCTION

All site improvements shall conform to the approved final site plan, including engineering drawings approved by the Village Engineer. If the applicant makes any changes during construction in the development in relation to the approved final site plan, such changes shall be made at the applicant's risk, without any assurances that the Village Council will approve the changes.

It shall be the responsibility of the applicant to notify in writing the Zoning Administrator, and the Village Council of any changes. The Zoning Administrator or the Village Council, whichever is applicable, may require the applicant to correct the changes so as to conform to the approved final site plan.

Section 21.07 AS-BUILT DRAWINGS

- A. The applicant shall provide as-built drawings of all sanitary sewer, water, and storm-sewer lines and all appurtenances, which were installed on a site for which a final site plan was approved. The drawings shall be submitted to the Village Zoning Administrator, and shall be approved by the Village Engineer prior to the release of any performance guarantee or part thereof covering such installation.
- B. The as-built drawings shall show, but shall not be limited to, such information as the exact size, type and location of pipes; location and size of valves, fire hydrants, tees and crosses; depth and slopes of retention basins; and location of any type of other utility installations. The drawings shall show plan and profile views of all sanitary and storm sewer lines and plan views of all water lines.
- C. The as-built drawings shall show all work as actually installed and as field verified by a professional engineer or a representative thereof. The drawings shall be identified as "As-Built Drawings" in the title block of each drawing and shall be signed and dated by the owner of the development or the owner's legal representative and shall bear the seal of a professional engineer.

Section 21.08 - PHASING OF DEVELOPMENT

The applicant may divide the proposed development into two or more phases. In such case the preliminary site plan shall cover the entire property involved and shall clearly indicate the location, size, and character of each phase. A final site plan shall be submitted for review and approval for each phase.

Village of Dexter Zoning Ordinance 21 - 11

Site Plan Review and Approval

Section 21.09 - INSPECTION

The Zoning Administrator shall be responsible for inspecting all improvements for conformance with the approved final site plan. All sub-grade improvements, such as utilities sub-base installations for drives and parking lots, and similar improvements shall be inspected and approved prior to covering. The applicant shall be responsible for requesting the necessary inspections. The Zoning Administrator shall obtain inspection assistance from the Village Fire Chief, and Engineer, where applicable. The Zoning Administrator shall notify the Planning Commission in writing when a development for which a final site plan is approved has passed inspection with respect to the approved final site plan. The Zoning Administrator shall notify the Village Council and the Planning Commission in writing, of any development for which a final site plan was approved, which does not pass inspection with respect to the approved final site plan, and shall advise the Village Council and the Planning Commission of steps taken to achieve compliance. In such case, the Zoning Administrator shall periodically notify the Village Council and the Planning Commission of progress toward compliance with the approved final site plan and when compliance is achieved.

Section 21.10 PERFORMANCE GUARANTEES

- A. Performance bonds, irrevocable bank letters of credit, cash deposits, or other forms of security shall be provided by the applicant to the Village Clerk. The guarantee shall be provided after a final site plan and/or zoning compliance certificate is approved but prior to issuance of a certificate of final zoning compliance, or as determined by the Zoning Administrator, for any improvements covered by the site plan. The guarantee shall cover site improvements shown on the approved final site plan, which will not be completed prior to issuance of the certificate of final zoning compliance. Site improvements shall mean streets and drives, parking lots, sidewalks, grading, required landscaping, required screens, storm drainage, exterior lighting trash enclosures and utilities.
- B. The applicant shall provide a cost estimate of the improvements to be covered by the guarantee and such estimate shall be verified as to amount by the Village Engineer. The form of the guarantee shall be approved by the Village Attorney.
- C. If the applicant shall fail to provide any site improvement according to the approved plans within the time period specified in the guarantee, the Village Council shall have the authority to have such work completed. The Village Council may reimburse itself for cost of such work, including administrative costs, by appropriating funds from the deposited security, or may require performance by the bonding company.
- D. If a cash deposit is used, the applicant and Village Clerk shall decide at the time of deposit on the means of rebating portions of the deposit in proportion to the amount of work completed on the covered improvements. All required inspections for improvements for which the cash deposit is to be rebated shall have been made before any rebate shall be made.
- E. The Zoning Administrator may refuse to sign a certificate of final zoning compliance in order to achieve compliance with the approved final site plan, and approved engineering plans related thereto. In such cases, a certificate of final zoning compliance shall be signed by the Zoning Administrator upon compliance with the approved plans or upon provision of adequate security to guarantee compliance following occupancy.

Section 21.11 - FEES

Site Plan Review and Approval

Fees for the review of site plans and inspections as required by this Article shall be established and may be amended by resolution of the Village Council.

Section 21.12 - VIOLATIONS

The approved final site plan shall become part of the record of approval and subsequent action relating to the site in question shall be consistent with the approved final site plan, unless the Village Council agrees to such changes as provided in this Article. Any violation of the provisions of this Article, including any improvement not in conformance with the approved final site plan, shall be deemed a violation of this Ordinance and shall be subject to all penalties therein.

Section 21.13 PROPERTY MAINTENANCE AFTER APPROVAL

Amended January 14, 2002, Effective January 14, 2002

It shall be the responsibility of the owner of a property for which site plan approval has been granted to maintain the property in accordance with the approved site design on a continuing basis until the property is razed, or until new zoning regulations supersede the regulations upon which site plan approval was based, or until a new site design is approved. This maintenance requirement includes healthy landscaping, walls, fences, pavement, pavement markings, signs, building exterior, drainage facilities and all other elements of a site. Any property owner who fails to so maintain an approved site design shall be deemed in violation of the use provisions of this Ordinance and shall be subject to the same penalties appropriate for a use violation.

With respect to condominium projects, the Master Deed shall contain provisions describing the responsibilities of the condominium association, condominium owners, and public entities, with regard to maintenance of the property in accordance with the approved site plan on a continuing basis. The Master Deed shall further establish the means of permanent financing for required maintenance and improvement activities, which are the responsibility of the condominium association. Failure to maintain an approved site plan shall be deemed in violation of the use provisions of this Ordinance and shall be subject to the same penalties appropriate for a use violation.

Prior to the Transitional Control Date, the developer shall not amend the Master Deed without approval from the Planning Commission.

Appendix D:
Water Supply System
Contingency Plan

CONTINGENCY PLAN

City of Dexter

Wellhead Water Supply System

GOAL

The goal of this contingency plan is for the immediate and long-term protection of a public water supply system (PWSS) by identification of personnel, testing equipment, procedures, and materials which can be used for the rapid correction or mitigation of environmental accidents which might constitute a water supply emergency. This contingency plan includes response protocol, notification procedures and methods of containment. Accidents which might directly impact the PWSS need to be addressed with methods for isolating portions of the PWSS and/or providing water from an alternative source.

WATER SUPPLY INFORMATION

A comprehensive knowledge of the PWSS controls is critical in the case of a water supply emergency. Essential information is included here:

Location and capacity of all PWSS wells and storage tanks;

Community Park Wellfield (Wells 1-4)

Wells 1-4 are located at Dexter Community Park near the intersection of Ryan Drive and Dan Hoey Road behind the Busch's Shopping Center and LaFontaine Chevrolet Dealership. The four wells provide the following capacity:

- Well 1: 300 GPM
- Well 2: 300 GPM
- Well 3: 300 GPM
- Well 4: 200 GPM

Shield Road Well (Well 5)

Well 5 is located on the campus of Dexter High School located at the southeast corner of Parker and Shield Roads. Well 5 has a capacity of 340 GPM.

Storage Facility

The City maintains one 500,000 gallon elevated storage tank located within the Dexter Business and Research Park. The tank is 110' high with storage beginning 70 feet above ground. The head range for the tank is 37.5'. The storage tank is connected to the system by way of a 12 inch water main.

Location and size of all major distribution lines (Distribution Map); -

A summary of water main size and location is shown in Figure 1 in this plan.

Critical locations of isolating valves for the distribution system;

The City installed isolation valves at all intersections and at intervals not exceeding 500' for control and isolation of the system. These are shown in Figure 1 and in the City Utility Atlases.

Backup Devices and Functions within the Water System

Wells

The wells are driven by the use of a SCADA system which interconnects all wells, the elevated storage tower and the high-service pumps at the treatment facility. In the event that manual operation is desired, each well can be operated via manual controls if necessary.

Pumps

In the event of a power failure, an auxiliary generator is present at each site. All wells are served by permanent on-site 150 KW standby generators. This generator is capable of maintaining all wells at full capacity.

Treatment Facilities

The City operates an iron removal plant. The plant is equipped with a 150 KW generator which can supply chemical feed pumps and also operate high service pumps. This facility can be bypass if necessary by reversing valves at the wellfield.

Storage

The elevated storage facility can be bypassed during an emergency by reversing the inlet and outlet valves to the tower.

Alternative Chlorination Methods

If it becomes necessary to chlorinate the system by alternative methods, corporation stops located within gate wells can be used.

Alternative Water Supply Sources

The Village of Dexter does not obtain water from any outside sources. Therefore, no emergency supply connections exist.

Alternative water supply sources for potable drinking water includes water haulers. These include:

Strimpel Water Hauling Bottled Water Supplier 4550 Fay Rd, Carleton, MI 48117 (734) 399-4101	Arbor Springs Water Company 1333 Jones Dr, Ann Arbor, MI 48105 (734) 668-8270	Mountain Valley Spring Water 950 Orchard Ave, Ferndale, MI 48220 Phone:(248) 399-7664
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KEY EMERGENCY CONTACT INFORMATION

The following contacts are a listing of key contacts to be used during an emergency. This includes City staff, area agency officials and contractors.

1. City of Dexter Utilities and DPW Personnel

List personnel available during emergency condition and responsible for directing work on and around the water supply system.

Name	Position	Phone	Mobile
Dan Schlaff	Superintendent of Public Services	734-426-3810	734-216-3810
Kurt Augustine	Streets Foreman	(734) 426-8530	734-216-3820
Tim Stewart	Operator	(248) 420-1924	
Andrea Dorney	Operator	734-996-8491	

2. Miscellaneous

Other contacts that may be utilized during emergencies. This staff includes those authorized to direct work on the water supply system or important area agencies.

Name	Position	Phone	Mobile
Courtney Nicholls	City Manager	(734) 426-8303	
Shawn Keough	Mayor	-	(313) 363-1434
Patrick Brennan	MDEQ District Engineer	(517) 780-7855	Same
Washtenaw County Health Department		(734) 544-6700	-
Police Department (Washtenaw County Sherriff)	Dexter Community Station	(734)426-0228	
Fire Department	Inspector Don	(734) 426-4500	

(Dexter Area Fire Department)	Dettling		
Nearby Water Utilities	City of Ann Arbor	(734) 994-2840	
	City of Chelsea	(734) 475-1771	
	Scio Township	(734) 369-9350	
Nearby Laboratories	Brighton Analytical	(810) 229-7575	
Other Agencies	Washtenaw County Road Commission	(734) 761-1500	

3. Contractors

Below are a list of reputable contractors that have routinely performed work for the city on its water system.

Type of Work	Contractor	Phone
Underground	Knight's Excavating	(734) 426-3984
Welders	Raymer Wells and Pumps	(616) 667-2751
Electricians	Utilities Instrumentation Services	800-277-5740

4. Suppliers

Below are is list of suppliers who supply materials and chemicals for the City's operation of its water supply system.

Type of Supply	Company	Phone
Chemical Suppliers	Alexander Chemical	(517) 676-8884
Pump Supplies	Raymer Wells and Pumps	(616) 667-2751
Water Main Repair Appurtenances	Etna Supply	(248) 624-5000

CRITICAL CUSTOMERS

Below are critical customers or users for whom the provision of a continuous supply of safe water is most urgent (include telephone numbers and address):

- Dexter Community Schools: 2200 N Parker Rd, Dexter, MI 48130 - (734) 424-4240
- Dextech: 2110 Bishop Cir E, Dexter, MI 48130 - (734) 426-5200
- Dapco: 2500 Bishop Cir E, Dexter, MI 48130 - (734) 426-8900
- Northern United Brewing Company: 2319 Bishop Cir E, Dexter, MI 48130 - (734) 426-4962

COMMUNICATIONS

Methods of communication available during power outages:

- Telephone
- Door to door notification by staff
- E-mail updates to mobile devices

Means of notifying public affected by emergency:

- Updates to City website
- Notification to Washtenaw County emergency management
- Notification to local print and broadcast media
- E-mail update notification
- Social media posting
- Door to door notification by staff

CITY OF DEXTER EMERGENCY INCIDENT RESPONSE FORM

Part A. Facts Related to the Emergency

Person calling in emergency:	
Date/time call made:	
Location and address of emergency:	
Nature of emergency (e.g., broken water main; chemical spill; lost pressure; etc.):	
Condition at scene:	
Types/quantities of chemicals released, based on initial observation:	

Part B. Emergency Action Taken

Emergency action taken:	
Immediate Action	
Location and address of emergency:	
Additional action needed to bring water supply system back into operation:	

Part C. Persons/departments notified of emergency

Position / Agency	Name	Phone	Time
State Fire Marshal	General Number	(517) 241-8847	
County Sheriff	Dexter Station	(734)426-0228	
State Police	General Number	(517) 332-2521	
Dexter Utilities Department Superintendent	Dan Schlaff	(734) 426-3810	
City of Dexter Mayor	Shawn Keough	(313) 363-1434	
City Manager	Courtney Nicholls	(734) 426-8303	
MDEQ District Engineer	Pat Brennan	(517) 780-7855	
MDEQ RRD	Mitch Adelman	(517) 780-7690	
MDEQ Pollution Emergency Alert		(PEAS) 1-(800)-292-4706	
MDEQ Agriculture Pollution Emergency		1-(800)-405-0101	
Mi Dept of Agriculture			
Washtenaw County Emergency Management		(734) 973-4900	

