

AGENDA NOTE

New Business Item #5

MEETING DATE: August 26, 2019

PERSON PLACING ITEM ON AGENDA: City Attorney

AGENDA TOPIC: Michigan Seamless Tube Presentation in Support of Its Request for Adoption of a Groundwater Use Restriction Ordinance

EXPLANATION OF TOPIC: Michigan Seamless Tube (MST) has advised that a plume of underground contamination is migrating south and east from MST's property and has impacted the groundwater nearby. The contamination presents a hazard to human health and safety if groundwater on several nearby parcels were to be used.

MST's property is subject to State and Federal Environmental regulations, and MST has been working with the State (DEQ n/k/a EGLE) on this and other environmental issues relating to MST's property and its current and former operations.

To protect human health and safety, MST is requesting that the City adopt an ordinance prohibiting the use of groundwater and restricting the installation of drinking and non-drinking water wells on eight affected parcels along the southern boundary of the MST property.

MST representatives and engineers will be making a presentation to explain the environmental conditions and the off-site groundwater contamination which have led to its request for adoption of groundwater use restriction ordinance. Representatives of the Michigan Department of Environment, Great Lakes and Energy (formerly DEQ) will be present for the presentation as well.

The presentation will provide the Council with an opportunity to listen, learn, and ask questions about this matter and the environmental issues involved. The Council will not be asked to take action on the proposed ordinance at this meeting. The ordinance will be presented for consideration at a future meeting.

MATERIALS ATTACHED AS SUPPORTING DOCUMENTS:

- Proposed ordinance
- Description and map of MST property and impacted parcels
- List of other communities which have adopted the same or similar ordinances

POSSIBLE COURSES OF ACTION: n/a

RECOMMENDATION: n/a

SUGGESTED MOTION: n/a

ORDINANCE _____

AN ORDINANCE TO AMEND ARTICLE II OF DIVISION II BEING SECTION 94 OF THE CODE OF ORDINANCES OF THE CITY OF SOUTH LYON DEALING WITH WATER SERVICE WITHIN THE CITY OF SOUTH LYON.

THE CITY OF SOUTH LYON ORDAINS:

Section 1.

The following Sections are hereby adopted, added to Section 94-68 of the Code of Ordinances of the City of South Lyon and shall read as follows:

Section 94-68. Prohibition on Use of Groundwater.

A. *Purpose.* The City Council finds that the use of wells for water for human consumption and the use of wells that may influence the movement of contaminated groundwater constitute a potential public health risk. This section is intended to protect the public health, safety and welfare. This section is intended to address, in part, the presence of contaminated groundwater within impacted areas of the City. This Ordinance requires all water users within the impacted areas, as depicted in Exhibit "A", to use the municipal city water service as their sole source of water, requires the City of South Lyon to notify the Michigan Department of Environmental Quality ("MDEQ") at least 30 days prior to amending and/or repealing this Ordinance, requires the City of South Lyon to file this Ordinance with the Oakland County Register of Deeds, and provides enforcement mechanisms for violations of this Ordinance.

B. *Definitions.* For purposes of this section, the following definitions shall apply:

1. "Contaminated groundwater" means groundwater having concentrations of chemical compounds that exceed the residential drinking water criteria established by the MDEQ by rule or operational memoranda pursuant to Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 P.A. 451, as amended.
2. "WRD" means the Water Resources Division of the MDEQ, or its successor agency.
3. "Groundwater" means underground water within the zone of saturation.
4. "MDEQ" means the Michigan Department of Environmental Quality, or its successor agency.
5. "Well" means an opening in the surface of the earth for the purpose of removing water through non-mechanical or mechanical means for any purpose.

6. A reference to any City official shall be deemed a reference to the individual duly appointed to such position and that individual's designee.

C. *Prohibition.* Except as provided in subsection (D), no person shall install or utilize, or allow, or permit, or provide for the installation or utilization of, a well in the areas of the City of South Lyon as described on Exhibit "A".

D. *Exceptions.* A person may install or utilize, or allow, permit, or provide for the installation or utilization of, a well within the areas described on Exhibit "A" if any of the following exceptions applies and the requirements of the exceptions are complied with (note that the person requesting such exception is responsible for developing and providing all of the information necessary for the City and the MDEQ to consider the request for exception, which may include but is not limited to a groundwater flow study or chemical analytical data):

1. *Proof of No Influence.* A well determined by MDEQ to not be influenced or potentially influenced by contaminated groundwater and further determined that the use of that well will remain permanently unaffected by contaminated groundwater or the future migration of contaminated groundwater. Proof of such determinations must be delivered to the City, and Notice of the waiver shall be provided to the person seeking the waiver, the Oakland County Health Department, and the MDEQ. The City Mayor then may execute a waiver allowing the use of the well.
2. *Groundwater Monitoring.* A well used for groundwater monitoring and/or remediation as part of response activity approved by the MDEQ or the United States Environmental Protection Agency, or as part of an emergency response action.
3. *Construction De-watering.* A well used for construction de-watering, if the following conditions are satisfied: (i) the use of the de-watering well will not result in unacceptable exposure to contaminated groundwater, possible cross-contamination between saturated zones, or hydrogeological effects on contaminated groundwater plumes and (ii) the water generated by that activity is properly handled and disposed of in compliance with all applicable laws, rules, regulations, permit and license requirements, and orders and directives of any governmental entity or agency of competent jurisdiction. Any exacerbation caused by the use of the well under this exception shall be the responsibility of the person operating the de-watering well, as provided in Part 201 of the Natural Resources and Environmental protection Act, being MCL 324.20101 to 324.20142.
4. *Processing Activities.* A well for non-contact heating, cooling or processing activities that is determined by the MDEQ will not cause unacceptable exposures or the future migration of contaminated groundwater. Proof of that determination must be delivered to the City and the City Mayor then may execute a waiver allowing the use of the

well for the permitted purposes subject to any terms and conditions that the MDEQ requires. Notice of the waiver shall be provided to the person seeking the waiver, the Oakland County Health Department, and the MDEQ.

E. *Sources of Water Supplied for Human Consumption.* Except as provided in subsection D.1., water supply for human consumption in the areas described in Exhibit "A" shall be delivered only from the City Water System or by the use of bottled water delivered or purchased in containers under conditions approved by the WRD or other appropriate agency. For the purposes of this subsection, the term "human consumption" means use in food or drink intended for human ingestion, use in food preparation or food service, use in the interior of a dwelling or dwelling unit for household purposes, use in any building for personal washing or ingestion by irrigation.

F. *Wells Affecting Contaminated Groundwater.* No well may be used or installed at any place in the City if the use, operation or placement of the well will have the effect of causing the migration of contaminated groundwater located within the areas described in Exhibit "A" to previously unimpacted groundwater, or adversely impacting any groundwater treatment system, unless the well is part of an MDEQ or United States Environmental Protection Agency approved groundwater monitoring or remediation system.

G. *Non-Conforming Wells.* Any existing well, the use of which is prohibited by subsection C, shall be plugged or abandoned in conformance with all applicable laws, rules, regulations, permit and license requirements, orders and directives of any governmental entity or agency of competent jurisdiction, or, in the absence of an applicable law, rule, regulation, requirement, order, directive, in conformance with the protocol developed consistent with the American Standards for Testing and Materials standard #D5299-92.

H. *Enforcement.* The City Mayor or the City Engineer, or the designee of either, shall be responsible for the enforcement of this section. The MDEQ and Oakland County Health Department may also enforce this section.

I. *Penalty, Permit Denial, Remedies.*

1. *Misdemeanor.* Any violation of this section shall be a misdemeanor punishable by a fine not to exceed Five Hundred Dollars (\$500.00) and costs of prosecution or by imprisonment in the county jail for not to exceed ninety (90) days, or by both such fine and imprisonment in the discretion of the court. Each act of violation and each day upon which such violation shall occur or shall continue shall constitute a separate offense.
2. *Building or Improvement Permit.* No permit for building, alteration, or other required permit for a premises or improvement thereon shall be issued by the City for any premises found in violation of this section, or where it is proposed to install or use a well in violation of this section. In

the event of a split or conveyance of property located within the area described in Exhibit "A", no occupancy or building permit shall be issued without the use of the City Water System.

3. *Injunctive Relief.* The City, the MDEQ and Oakland County Health Department may further enforce this section by action seeking injunctive relief. Any well in violation of this section shall be deemed a nuisance subject to abatement.

J. *Miscellaneous.*

1. *Modification or Repeal.* At least thirty (30) days prior to any amendment or repeal in whole or in part of this section, the City shall notify the MDEQ of its intent to so act. Notification shall be sent by registered mail to the Director of the MDEQ.
2. *Severability.* If any subsection, sentence, clause, phrase, or portion of this section is held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions of this section. The City shall promptly notify the MDEQ upon the occurrence of any event described in this paragraph.
3. *Notice to Oakland County and Filing with the Register of Deeds.* The City of South Lyon shall notify the Oakland County Health Department of the area covered by this ordinance as described in Exhibit "A", by delivery of a copy of this ordinance, with attachments and all amendments, to the said Department. The City of South Lyon also shall file a copy of this ordinance with the Oakland County Register of Deeds as an Ordinance affecting multiple properties no more than thirty (30) days after it becomes effective.

Section 2. Repealer.

This Ordinance hereby repeals any ordinances in conflict herewith.

Section 3. Savings Clause.

That nothing in this Ordinance hereby adopted be construed to affect any just or legal right or remedy of any character nor shall any just or legal right or remedy of any character be lost, impaired or affected by this Ordinance.

Section 4. Severability.

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

Section 5. Adoption and Effective Date.

This Ordinance is hereby declared to have been adopted by the City of South Lyon City Council at a meeting thereof duly called and held on the ____ day of _____, and ordered to be given effect as mandated by Charter and statute.

_____, Mayor

_____, City Clerk

Introduction:
Adoption:
Published:
Effective Date:

DRAFT

EXHIBIT A - RESTRICTED AREA

CERTIFICATION OF CLERK

I hereby certify that the foregoing is a true and complete copy of an Ordinance adopted by the City Council on _____, 2017 which was a regular meeting.

I further certify that at said meeting there were present the following Council members:

I further certify that the adoption of said Ordinance was moved by Council member _____ and supported by the following Council members: _____

I further certify that the following Council members:

voted for the adoption of said Ordinance and that the following Council members voted against the adoption of said Ordinance: _____

I further certify that the following Council member(s): _____

abstained from voting.

I hereby certify that said Ordinance has been recorded in the Ordinance Book in said City and that such recording has been authorized by the signature of the Mayor of the City and City Clerk.

_____, City Clerk

EXHIBIT A

Property 1 (Property Tax ID Number 21-30-205-002):

That part of the 100 foot wide abandoned Grand Trunk Western Railroad Company right-of-way lying in the West ½ of Section 30, Township 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan.

Property 2 (Property Tax ID Number 21-30-205-002):

That part of the 100 foot wide abandoned Grand Trunk Western Railroad Company right-of-way in the West 300 feet of the East 1/2 of Section 30, Township 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan.

ALSO DESCRIBED AS:

Part of the North 1/2 of Section 30, Town 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan, being property previously owned by the Grand Trunk Western Railroad Company, being more particularly described as follows:

The Westerly 300.00 feet in the West 1/2 of the Northeast 1/4 of the following parcel: Commencing at the Northwest corner of said Section 30; thence South 02 degrees 50 minutes 23 seconds East, along the West line of said Section and the centerline of Dixboro Road (66 foot wide right of way), 1657.06 feet to the point of beginning; thence North 82 degrees 39 minutes 00 seconds East, 2802.63 feet to the centerline of McMunn Street (66 foot wide right of way); thence South 03 degrees 39 minutes 33 seconds East, along said centerline, 100.21 feet; thence South 82 degrees 39 minutes 00 seconds West, 2804.07 feet to the West line of said Section and the centerline of Dixboro Road; thence North 02 degrees 50 minutes 23 seconds West, along said centerline and Section line, 100.31 feet to the point of beginning.

Property 3 (Property Tax ID Number 21-30-205-003):

That part of the 100 foot wide abandoned Grand Trunk Western Railroad Company right-of-way in the East 348.25 feet of the West 1/2 of the West 1/2 of Northeast 1/4 of Section 30, Town 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan.

ALSO DESCRIBED AS:

Part of the North 1/2 of Section 30, Town 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan, being property previously owned by the Grand Trunk Western Railroad Company, being more particularly described as follows: The Easterly 348.25 feet in the West 1/2 of West 1/2 of the Northeast 1/4 of the following parcel: Commencing at the Northwest corner of said Section 30; thence South 02 degrees 50 minutes 23 seconds East, along the West line of said Section and the centerline of Dixboro Road (66 foot wide right of way), 1657.06 feet to the point of beginning; thence North 82 degrees 39 minutes 00 seconds East, 2802.63 feet to the centerline of McMunn Street (66 foot wide right of way);

thence South 03 degrees 39 minutes 33 seconds East, along said centerline, 100.21 feet; thence South 82 degrees 39 minutes 00 seconds West, 2804.07 feet to the West line of said Section and the centerline of Dixboro Road; thence North 02 degrees 50 minutes 23 seconds West, along said centerline and Section line, 100.31 feet to the point of beginning.

Property 4 (Property Tax ID Number 21-30-205-004):

That part of the 100 foot wide abandoned Grand Trunk Western Railroad Company right-of-way lying in the East ½ of the West ½ of the NE ¼ of Section 30, Township 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan.

Property 5 (Property Tax ID Number 21-30-176-001):

T1N, R7E, SEC 30 PART OF NW FRC 1/4 BEG AT W 1/4 COR, TH N 02-45-17 W 887.35 FT, TH N 82-43-18 E 1484.79 FT, TH S 03-35-00 E 1008.94 FT, TH S 87-24-47 W 1494.77 FT TO BEG. 32.38 A.

Property 6 (Property Tax ID Number 21-30-251-011):

PARCEL 1:

Commencing at the center of Section 30, Town 1 North, Range 7 East, Lyon Township, Oakland County, Michigan; thence North 0 degrees 07 minutes 10 seconds East 694.1 feet along the North and South ¼ line of said Section for a place of beginning; thence continuing along said North and South 1/4 line North 0 degrees 07 minutes 10 seconds East 315.0 feet; thence North 86 degrees 45 minutes 50 seconds East 305.85 feet along the South line of the Grand Trunk and Western Railroad right of way; thence South 0 degrees 32 minutes 20 seconds West 335.3 feet; thence North 88 degrees 50 minutes 30 seconds West 1.84 feet; thence North 0 degrees 32 minutes 20 seconds East 20.3 feet; thence South 86 degrees 42 minutes 30 seconds West 301.71 feet to the place of beginning, being a part of the Northeast 1/4 of said Section 30.

PARCEL 2:

A parcel of land in the West 1/2 of the West 1/2 of the Northeast 1/4 of Section 30, Town 1 North, Range 7 East, City of South Lyon, Oakland County, Michigan, more particularly described as: Beginning at a point located by measuring East from the center of said Section 30 along the East and West 1/4 line a distance of 640.3 feet; thence due North along the West line of Lovewell Park Subdivision 693.1 feet and which point is at the intersection of said West line of Lovewell Park Subdivision with the the South line of Ada Street produced Westerly; thence from the point of beginning due North 362.1 feet; thence South 85 degrees 45 minutes West 348.25 feet; thence due South 335.3 feet; thence South 89 degrees 50 minutes East 347.3 feet to the point of beginning.

DESCRIBED ON THE TAX ROLLS AS:

Part of the Northeast 1/4 of Section 30, Town 1 North, Range 7 East, beginning at a point North 00 degrees 07 minutes 10 seconds East 694.10 feet from the center of Section; thence North 00 degrees 07

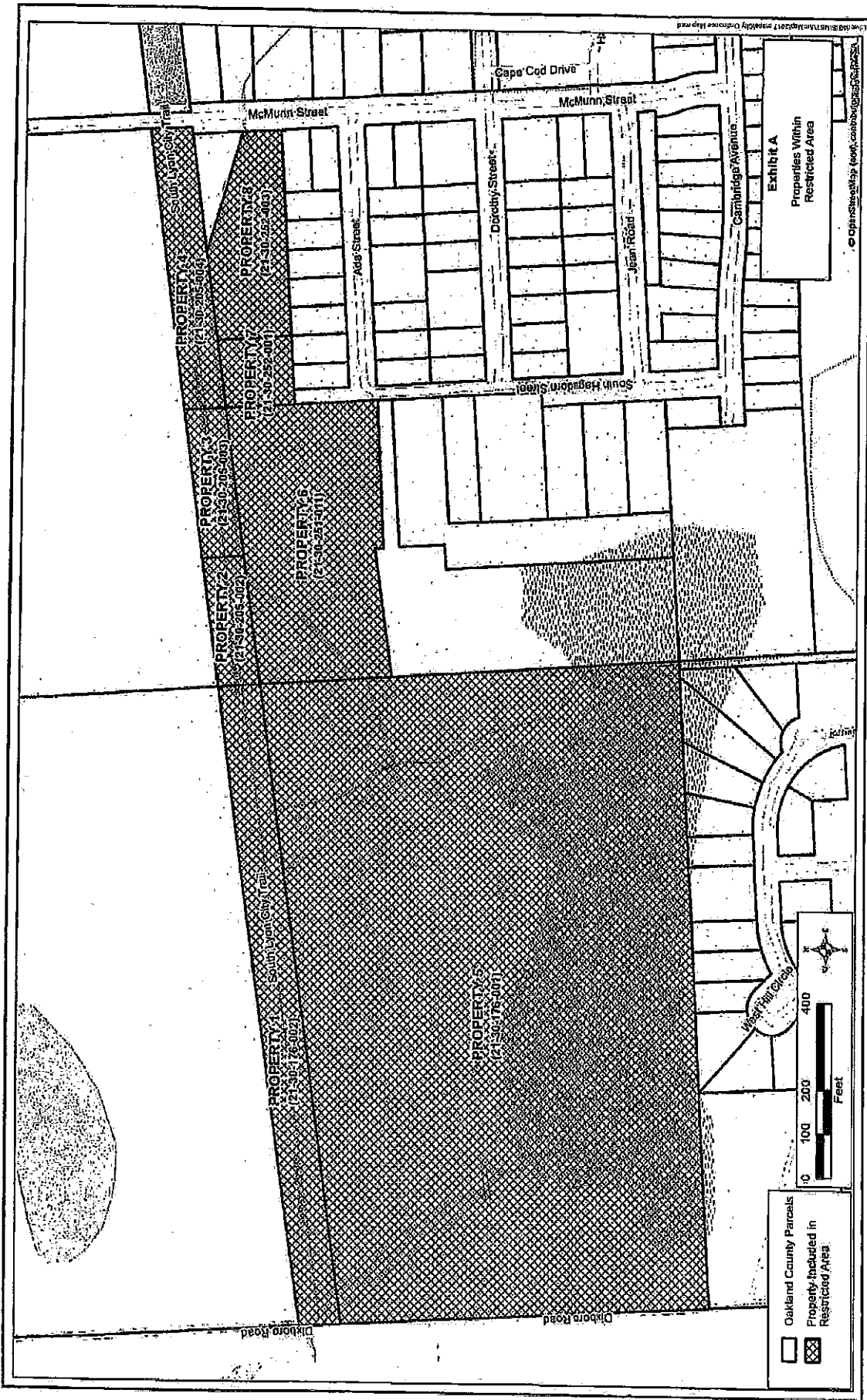
minutes 10 seconds East 315.00 feet; thence North 86 degrees 45 minutes 50 seconds East 305.85 feet; thence North 86 degrees 12 minutes 00 seconds East 348.25 feet; thence South 00 degrees 27 minutes 00 seconds West 362.10 feet; thence North 89 degrees 23 minutes 00 seconds West 347.3 feet; thence North 88 degrees 50 minutes 30 seconds West 1.84 feet; thence North 00 degrees 32 minutes 20 seconds East 20.03 feet; thence South 86 degrees 42 minutes 30 seconds West 301.71 feet to the point of beginning.

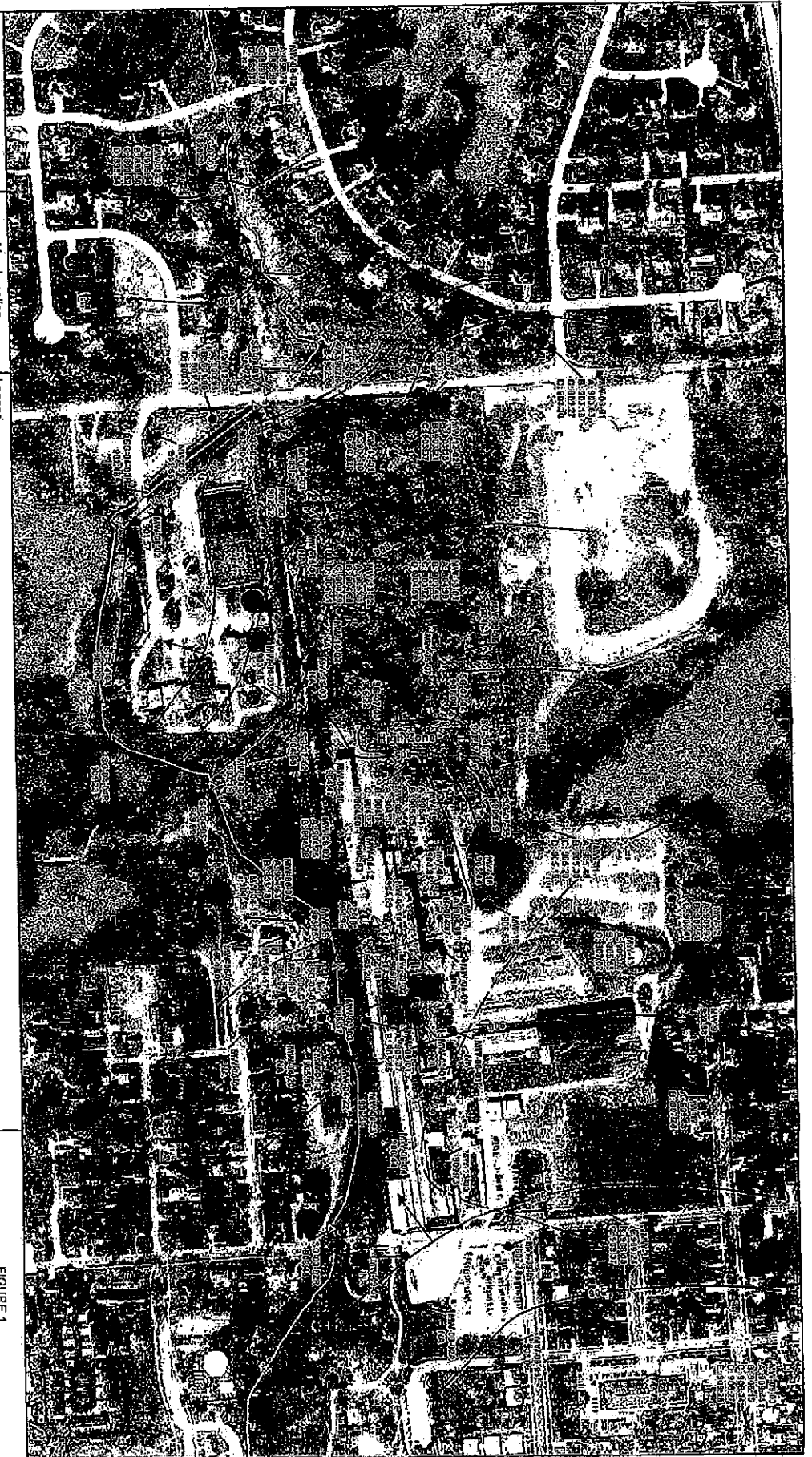
Property 7 (Property Tax ID Number 21-30-252-001):

T1N, R7E, SEC 30 PART OF NE 1/4 BEG AT NE COR LOT 8 OF 'LOVEWELL PARK' TH N 00-02-40 E 175.30 FT, TH S 86-14-30 W 157.04 FT, TH S 00-27-00 W 163.40 FT, TH E 158 FT TO BEG 0.61 A C J13C.

Property 8 (Property Tax ID Number 21-30-252-003):

T1N, R7E, SEC 30 PART OF NE 1/4 BEG AT PT ON SLY LINE GTRR R/W DIST S 86-14-30 W 275 FT FROM W LINE OF WEST ST, TH S 86-14-30 W 205.26 FT, TH S 00-02-40 W 175.30 FT TO NE COR LOT 8 OF 'LOVEWELL PARK', TH E 478.50 FT, TH N 00-02-40 E 91.10 FT, TH NWLY 285.





AECOM			Legend <ul style="list-style-type: none"> ● Monitoring Well ▲ Staff Gauge ■ Piezometer — Groundwater Elevation Contours (1 foot) - - - Shallow Aquifer Contour - - - Shallow Isolated Zone Contour Surface Underground → Groundwater Flow • Location Not Included in Contours 	 	FIGURE 1 GROUNDWATER CONTOUR MAP MARCH 2017 MICHIGAN SEAMLESS TUBE, LLC SOUTH LYON, MICHIGAN <small>Aerial Photography Date: 2015</small>	
Drawn:	DP					4/28/2017
Approved:	EV					4/28/2017
Project #:	60273614					

LIST OF LAND OR RESOURCE USE RESTRICTIONS TO LIMIT OR PROHIBIT THE USE OF GROUNDWATER

The following is a list of land or resource use restrictions (LRURs) used as part of a remedial or corrective action to limit or prohibit the use of groundwater by restricting the installation of drinking and non-drinking water wells. The list includes: city, township and county ordinances, county health codes, court orders, and contracts, which may be used as a LRUR under Section 20121(8) or (9) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act (NREPA), as amended, (Part 201) or Section 21310a(3)(a) of Part of Part 213, Leaking Underground Storage Tanks, of the NREPA, as amended (Part 213).

Persons seeking to use LRURs that are identified in Section 20121(8) and (9) of Part 201 or Section 21310a(3)(a) of Part 213 to limit or prohibit the use of groundwater should begin, as soon as practical, to evaluate the necessity and appropriateness of the various LRURs that will address the site-specific exposure risks associated with the contamination. Since the use of certain LRURs involves the acceptance and approval of local and state agencies, it is imperative to involve these agencies early in the selection and drafting process. This collaborative approach will help to determine which LRURs are appropriate for the site-specific exposure risks and the likelihood that the LRUR can be successfully and reliably implemented.

Please note, alternative instruments identified in Section 20121(9) of Part 201 require approval of the department prior to implementation. Although some LRURs may be self-implemented without the department's approval, a person may request department review and approval of draft LRURs by submitting a Response Activity Plan under Section 20114b of Part 201 or a Final Assessment Report under Section 21311a of Part 213. LRURs submitted with a No Further Action Report under Section 20114d Part 201 or a Closure Report under Section 21312a of Part 213 should be fully executed, implemented, or recorded. Any submittal, including reliance on an existing LRUR, under Section 20121(8) and (9) of Part 201 and Section 21310a(3)(a) will be reviewed by the District staff and the Institutional Control Technical and Program Support Team (IC TAPS Team) for review and recommendation. Upon receipt of the recommendation from the IC TAPS Team, the District's Field Manager will make the final approval decision.

The older LRURs represent older versions and may not contain all the provisions necessary due to statutory amendments. The most recent LRURs are the most representative of the statutes that exists today and should be referred to when drafting new LRURs. Use of an existing LRURs for remedial action or corrective action will be reviewed on a case by case basis and often requires an amendment of the existing LRUR before it can be used.

**Land and Resource Use Restrictions
to Limit or Prohibit the Use of Groundwater**

MUNICIPALITY (county)	ORDINANCE (No.)	DATE ADOPTED OR (MOST RECENT) AMENDED	AUTHORITY	RELEVANCE
Bedford Township (Calhoun)	10/8/98/34 of 1998	10/08/1998	Township Board	
Cedar Creek Township (Wexford)	Unknown	09/10/2007	Township Board	Both Part 201 and Part 213 Used for Part 115 Facility (Wexford Sanitary LF)
Central Lake Township (Antrim)	99-1	06/27/1999	Township Board	
Charter Township of Brighton (Livingston)	261 of 2014	10/06/2014	Planning Department	Both Part 201 and Part 213
City of Alpena (Alpena)	2015-429	04/20/2015	City Council City Manager	Part 213 Only
City of Battle Creek (Calhoun)	02-07	02/10/2007	City of Battle Creek	Enacted for multiple restricted areas.
City of Buchanan (Benzie)	Article IV, Section 14-90 et seq.	05/23/2002	City Commission	
City of Charlevoix (Charlevoix)	732 of 2008	07/21/2008	City Council	Both Part 201 and Part 213.
City of Clare (Clare)	2014-09	06/02/2014	City Commission	Both Part 201 and Part 213.
City of Dowagiac (Cass)	Sec 2-28	01/25/2016	City Council City Manager	Both Part 201 and Part 213. Used for Part 111 facility.
City of East Tawas (Iosco)	308	09/20/2004	City Council	Both Part 201 and Part 213 releases.
City of Ewart (Osceola)	2011-4	12/19/2011	City Council	Both Part 201 and Part 213 releases.
City of Frankfort (Benzie)	Ord. D, Article 12 of Chapter 5	04/15/2002	City Council	Addresses a Part 213 release only.

MUNICIPALITY (County)	ORDINANCE NO.	DATE ADOPTED OR MOST RECENT AMENDED	AUTHORITY	COMMENTS
City of Grand Haven (Ottawa)	01-12	11/19/2001	City Council	Both Part 201 and Part 213.
City of Grand Rapids (Kent)	2002-28	05/21/2002	City Commission	
City of Hamtramck (Wayne)	453	05/11/1995	City Council	
City of Ionia (Ionia)	513	07/01/2011	City Council	Both Part 201 and Part 213
City of Iron Mountain (Dickinson)	Article II, Chapter 66	03/17/1997	City Council	Addresses a Part 213 release only
City of Ludington (Mason)	202-09	10/26/2009	City Council	Part 201 only
City of Montague (Muskegon)	277	09/21/2015	City Council	Both Part 201 and Part 213
City of Muskegon (Muskegon)	2139	12/11/2007	City Council	Both part 201 and Part 213
City of Okemos (Oakland)	Order No. 2009-01 Ord. 2332	08/16/2009	City Council	Both Part 201 and Part 213
City of Rochester (Oakland)	2002-08	03/11/2002	City Council	Part 201 only
City of Roseville (Macomb)	1093	04/01/1997	City Council	
City of Scottville (Mason)	09-110	08/17/2009	City Council	Addresses a Part 213 release only.
City of St. Joseph (Berrien)	2000-05 Section 30-24.	9/11/2000	City Commission	
City of Traverse City (Grand Traverse)	465	08/13/1998	City Commission	Addresses a Part 213 release only and was layered with other documentation to be acceptable.
City of Tecumseh (Lenawee)	2-14	09/02/2014	City Council	Both Part 201 and Part 213. Used for Part 111 facility.

MUNICIPALITY (County)	ORDINANCE NO.	DATE ADOPTED OR MOST RECENT AMENDED	AUTHORITY	COMMENTS
City of Ypsilanti (Washtenaw)	1171	05/01/2012	City Council	
Maple Ridge Township (Delta)	PWSO-1	09/29/1998	Township Board	
Ottawa County	09-1	03/01/2009	County Board of Commissioners	Southwest Ottawa County Landfill (County Owned Property?)
Township of AuSable (Iosco)	109	04/02/2012	Township Board	Both Part 201 and Part 213
Township of Home (Montcalm)	1	07/21/1997	Township Board	
Township of Richmond (Osceola)	06-16	06/16/2005	Township Board	Both Part 201 and Part 213
Township of Sturgis (St. Joseph)	2014-11	01/17/2014	Township Board	Ordinance includes a Cooperation Agreement and a Well Installation Program with Special Drilling Instructions
Village of Bellaire (Antwerp)	1997	1997	Village Council	Addresses a Part 213 release only.
Village of Channahon (Algonquin)	Amend. 1 to 1991 to the Wellhead Protection Ord. of 1991	08/14/1999	Village Council	Addresses a Part 213 release only.
Village of Dexter (Washtenaw)	5-2004; Sec. 58-76	2004	Village Council	Addresses a Part 213 release only.
Village of Kalkaska (Kalkaska)	2015-011	09/14/2015	Village Council	May be used for Part 201 and Part 213 releases.
Village of L'Anse (Baraga)	203; Amend. to Ord. No. 177	08/09/1999	Village Council	Part 201 only.
Village of Roscommon (Roscommon)	44	01/28/1999	Village Council	Addresses a Part 213 release only.
Village of Schoolcraft (Kalamazoo)	180	02/18/2002	Village Council	Addresses a Part 213 release only.

MUNICIPALITY (County)	ORDINANCE NO.	DATE ADOPTED OR MOST RECENTLY AMENDED	AUTHORITY	COMMENTS
Village of Spring Lake (Ottawa)	291	07/17/2006	Village Council	Part 201 and Part 213 releases.
Village of Tekonsha (Calhoun)	01-02	10/08/2001	Village Council	Part 201 only.
Kalamazoo County Health Department	Health Code	02/18/2016	Board of Commissioners Health Officer	Health Code provisions for establishing groundwater use restricted zones
Lenawee County Health Department	Health Code	July 10, 2013	Board of Commissioners Health Officer	Health Code provisions for establishing groundwater use restricted zones
Genesee County	Declaration	1999	Board of Commissioners Health Officer	Determination of Impacted Aqulfer [Section 1.104 and Chapter IV Section 62D] – Richfield Landfill (Part 115)
Midland County Health Department	Agreement	09/20/2016	Board of Commissioners Health Officer	Agreement – Harold Alexander, Inc. Site
Circuit Court for the County of Washtenaw	File No. 88-34734	05/14/2005	Circuit Court	Court Order

