

# ENVIRONMENT COMMITTEE AGENDA

May 10, 2018 – North Conference Room

21630 11<sup>th</sup> Avenue South – Des Moines 98198

6:00P – 6:50 PM

1. Approval of the minutes of the 4.12.2018 meeting (Chair to call the meeting to order and start @ 6:00 pm)
2. Poverty Bay Shellfish Downgrade Update (Informational, 6:00–6:20 pm)  
*Staff will brief the Committee on the April 27 Poverty Bay Technical Committee meeting.*
3. Midway Sewer District Comprehensive Sewer Plan – Follow-up (Informational, 6:25–6:45 pm)  
*Staff will review with the Committee a draft City comment letter that will be forwarded to District.*

## DRAFT MINUTES - ENVIRONMENTAL COUNCIL COMMITTEE MEETING 4.12.2018

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The meeting was called to order @ 6:00 PM, Thursday, April 12, 2018, in the North Conference room @ 21630 11<sup>th</sup> Avenue South, Des Moines with the following in attendance:

### Council Members

Traci Buxton (Chair)  
Robert Back  
Matt Pina

### Guests:

Ken Kase, GM - Midway Sewer Dist  
Marc Montieth, Asst GM – Midway Sewer Dist  
Jim Gross, PM – BHC Consultants  
Greg Mockos, PE – BHC Consultants  
Peter Cunningham – BHC Consultants

### City Staff

Brandon Carver, PW Director  
Dan Brewer, Chief Operations Officer  
Loren Reinhold, SWM Utility Manager  
Tim George, City Attorney  
Matt Hutchins, Asst. City Attorney  
Susan Cezar, Chief Strategic Officer  
Denise Lathrop, CD Manager  
Jason Woycke, Planner II  
Peggy Volin, Admin Asst II

### **AGENDA:**

1. Approve minutes of the 3.08.2018 meeting
2. Shoreline Master Program Periodic Review
3. Critical Areas Regulations – Minor Updates
4. Midway Sewer District Comprehensive Sewer Plan
5. SCUBA Alliance

### **MEETING:**

1. Approve the minutes of the March 8, 2018 meeting: Unanimously approved.
2. Shoreline Master Program Periodic Review: Land Use Planner Jason Woycke, briefed the Committee on the Shoreline Master Program (SMP) periodic review process and shared a proposed Scope of Work, the draft Public Participation Plan, and most importantly the draft Timeline for this process. The deadline to complete this review and its associated amendments is June 30, 2019.
3. Critical Areas Regulations: CD Manager, Denise Lathrop provided an overview to the Committee of the recommended amendments to Title 16 and discussed how these changes affect the application of Des Moines Environmentally Critical Area regulations (CAO) that are codified in Chapter 16.10 DMMC and how they interface with the City's Shoreline Master Program (SMP). It was noted that additional clarification is needed between the CAO and SMP as it relates to the adjustment of standards and provisions for designated critical areas that are located within the shoreline jurisdiction. As the above mentioned SMP review progresses, staff will have a better idea on the timing for bringing forward an ordinance for Council consideration.

4. Midway Sewer District Comprehensive Sewer Plan – MSD General Manager Ken Kase introduced their consultants Jim Gross, Greg Mockos and Peter Cunningham from BHC Consultants who provided a summary of the District’s current sewage capacities; an analysis of the impact of projected growth on the District’s sewage collection, conveyance, and treatment systems; and a Capital Improvement Program (CIP) to alleviate system deficiencies along with documenting the District’s policies, operation and maintenance practices, and financial plan to implement the CIP. The District is requesting comments to their draft Plan from various entities over the next few weeks and will forward a final draft of the Plan for City adoption once the comments have been compiled and addressed.
  
5. SCUBA Alliance – City Attorney Tim George provided the Committee with an update on the Redondo Artificial Reef Project. He stated SCUBA Alliance’s Joint Aquatic Resources Permit Application (JARPA) was rejected by the Department of Natural Resources (DNR) as being incomplete and DNR is now requiring the City to be the applicant for the JARPA and any other permits needed for this project. The City will also be the leaseholder with DNR once this project gets underway. The cost of the lease will be free as tidelands will be for public use but DNR will have insurance requirements and many other provisions regarding maintenance/restoration, etc. that are common to all DNR leases. Staff will keep the Committee updated frequently throughout this process.

Meeting adjourned at 6:58 pm

Minutes respectfully Submitted by: Peggy Volin, Admin Asst II



# City of Des Moines

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May 1, 2018

Greg Mockos, P.E.  
BHC Consultants  
1601 Fifth Avenue, Suite 500  
Seattle, WA 98101

RE: 2018 Midway Sewer District – Draft General Sewer Plan Comments

Dear Mr. Mockos,

Thank you for the opportunity to comment on Midway Sewer District's Draft General Sewer Plan. Once the Plan has been finalized, please forward to me a digital copy (.pdf). Below are our comments:

1. Please update the zoning maps per our current zoning which can be accessed on our City website at: <https://maps.desmoineswa.gov/planningmap/> [*confirm website with planning*]
2. Please include in the 6-year CIP Plan a schedule for the listed projects.
3. As the District is aware, the commercial shellfish harvesting beds in the Poverty Bay area of Puget Sound has been downgraded due to elevated levels of fecal bacteria. Midway Sewer District as well as Des Moines, Federal Way, King County and numerous other entities have formed a Technical Committee to address the pending formation of a Shellfish Protection District in response to the downgrade. The following Plan comments are for items the District should do to assist in the effort to improve the water quality of Poverty Bay by eliminating sources of fecal bacteria:
  - Chapter 7 includes system deficiencies for the gravity sewers and pump stations. A section should be included in this chapter that includes a map of any documented sewer overflows or as well as description of these overflows (magnitude) for the last 6-years. System upgrades to address these overflows should be given high priority in the CIP schedule.
  - The Plan should also include a map of all unsewered parcels within Midway Sewer District's service area as well as plan to eventually serve these areas.

- The City of Des Moines would also like to encourage the District to support the expanded use of Low Pressure Sewer (LPS) systems in an effort to eliminate existing septic systems, prevent new septic systems from being constructed. As such, in 2014 the City has amended its policy regarding utility location to allow the use of LPS systems within a specific area of Lakehaven Utility District (see attached policy and Exhibit 1). This policy allows for LPS systems to be located outside of the 5-foot from road centerline thereby reducing pavement restoration costs. The City would like to work together with the District in identifying additional LPS zones, particularly zones within the proposed Shellfish Protection District boundary.

If you have any questions regarding this letter, please email me at [lreinhold@desmoineswa.gov](mailto:lreinhold@desmoineswa.gov) or call at (206) 870-6524.

Sincerely,

Loren Reinhold, P.E.  
Surface Water Management Utility Manager

CITY OF DES MOINES

POLICY REGARDING UNDERGROUND UTILITY LOCATION

March 23, 1999 (Revised February 15, 2002) (Revised October 17, 2014)

WHEREAS, consistent utility locations within the city are beneficial, and

WHEREAS, logical use of the limited right-of-way space is essential, especially in cases of substandard widths and steep slopes, and

WHEREAS, there are ever increasing demands on the underground right-of-way space for uses such as new telecommunications companies, and

WHEREAS, the City has a policy of undergrounding utilities where possible, and

WHEREAS, the City has a policy of installing curbs, gutters, and sidewalks where possible, and

WHEREAS, the City has a policy of having closed storm water collections systems where possible, and

WHEREAS, there are significant constraints on the slope and location of the storm water collections systems, and

WHEREAS, consistent, well-placed underground utilities promote ease of maintenance, increased safety, and ease of future improvement projects, and

WHEREAS, the City has a policy of prohibiting utility street cuts (except emergency repairs) to newly paved or overlaid street sections within five (5) years of pavement application, and

WHEREAS, this policy prevents relocation of newly installed utilities due to utility conflicts, and

WHEREAS, this policy is consistent with the Des Moines Municipal Code, Section 12.01.040;

NOW, THEREFORE, let it be resolved that the following underground location policy shall be followed when reasonably possible:

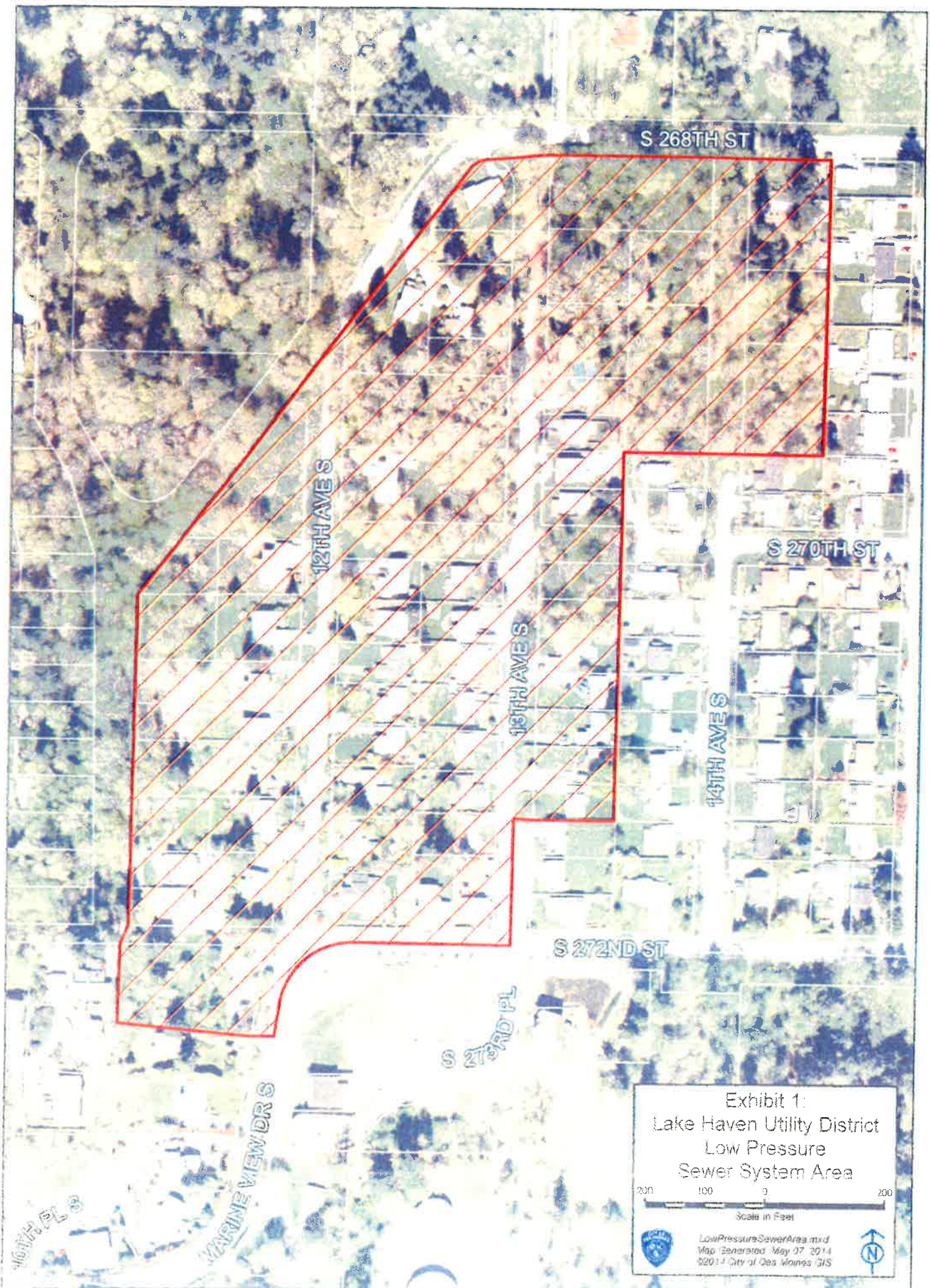
1. Sanitary sewer mains shall be located 5' from the center of the right-of-way, usually to the south on east/west rights-of-way and to the west on north/south rights-of-way, except that:
  - a) Low Pressure Sewer (LPS) mains may be installed within the area(s) identified in Exhibit 1, provided that such systems meet the following criteria:
    - i) LPS mains shall be owned and maintained by the Sewer District.
    - ii) LPS mains shall be located a minimum of 4 feet below grade.
    - iii) The Sewer District shall be responsible for all locates and resolving all LPS utility conflicts within the right-of-way.
    - iv) The Sewer District shall ensure that adequate backup systems are provided to address sewage flows in case of a power outage.
    - v) The Sewer District shall require the property owner to record the ownership and maintenance responsibilities on the Title of the property.
2. Water mains shall be located 10' from the center of the right-of-way on the side opposite of the sanitary sewer main.

3. Closed storm water drainage collection facilities shall be located along the curb or expected future curb alignment.
4. Natural gas, electricity, telephone, cable, telecommunications, or similar utilities shall be located outside of the curb or ditch lines.

There may be cases where the above alignments will not work due to factors such as the terrain or conflicts with other utilities. In those situations, a written exception must be obtained from the City's Planning, Building and Public Works Director.

A handwritten signature in blue ink, appearing to read "D. Brewer", with a long horizontal line extending to the right.

Daniel J. Brewer, P. E.  
Planning, Building and Public Works Director



S 268TH ST

12TH AVES

13TH AVES S

14TH AVES

S 270TH ST

S 272ND ST

S 274RD PL

MARINE VIEW DR S

Exhibit 1:  
Lake Haven Utility District  
Low Pressure  
Sewer System Area

200 100 0 200

Scale in Feet

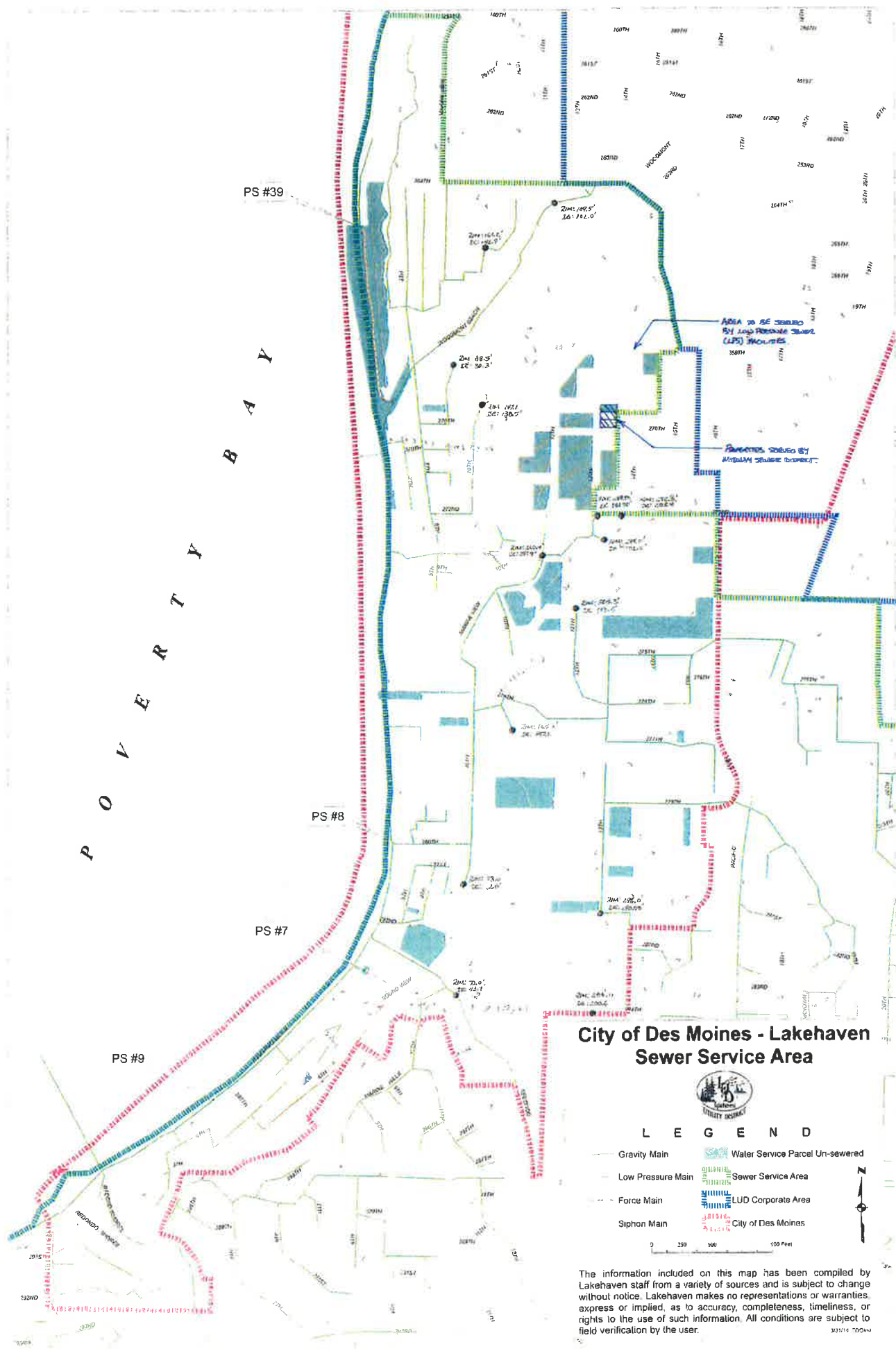


LowPressureSewerArea.mxd  
Map Generated May 07 2014  
52012 City of Des Moines GIS





# P O V E R T Y B A Y



## City of Des Moines - Lakehaven Sewer Service Area



### LEGEND

- Gravity Main
- Low Pressure Main
- - - Force Main
- - - Siphon Main
- ▭ Water Service Parcel Un-sewered
- ▭ Sewer Service Area
- ▭ LUD Corporate Area
- ▭ City of Des Moines

The information included on this map has been compiled by Lakehaven staff from a variety of sources and is subject to change without notice. Lakehaven makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. All conditions are subject to field verification by the user.