

## Final Report Urban Nonpoint Source & Storm Water Management Planning Grant

**NOTICE:** This document is required under s. 281.66, Wis. Stats., and chs. NR 154 and 155, Wis. Adm. Code. A final project report must be submitted as part of the final reimbursement request. Personally identifiable information contained in this form will be used for determining reimbursement eligibility in the Urban Nonpoint Source & Storm Water Management Grant Program and will not be used for any other purpose.

### Planning Grant – Urban Nonpoint Source & Storm Water Management Program

**INSTRUCTIONS:** Send the completed, electronic copy of this form and all attachments to the Department of Natural Resources (DNR) Regional Nonpoint Source Coordinator. Please read all instructions prior to completing the form.

#### Grant Information

Governmental Unit Name		Grant Number	
City of Green Lake		USP24231Y16	
Project Name			
Green Lake Storm Water Impact Study & Management Plan			
Project Contact Name		Phone Number	E-mail Address
Glen McCarty		(920) 369-8394	gmccarty@ci.greenlake.wi.gov

#### Project Location Information

Additional project locations may be added by clicking on the [+] button

Municipality Name	Latitude	Longitude
City of Green Lake	43.84475	-88.96184
County	12-Digit HUC	12-digit HUC watershed name
Green Lake	040302010902	Big Green Lake
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Big Green Lake		Big Green Lake
Municipality Name	Latitude	Longitude
City of Green Lake	43.85241	-88.9585
County	12-Digit HUC	12-digit HUC watershed name
Green Lake	040302011103	Puchyan River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Puchyan River		Big Green Lake

#### Project Area(s)

Describe the project area(s) covered by the Planning Grant Product(s)  
 Project includes the City of Green Lake and upstream areas of the Green Lake and Puchyan River watersheds that flow through the city's storm sewers system to Green Lake or Puchyan River or directly through the city to the Lake or River.

#### Summary of Deliverables - Ordinances

Additional ordinance deliverables be added by clicking on the [+] button

Planning Deliverable Developed	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
Erosion Control Ordinance	Updated existing	1,815	Ordinance Name & Number Title 15 Construction Site Erosion Control Explain the purpose of the new deliverable or need for an update: Include requirements equivalent to NR151	Yes

Planning Deliverable Developed	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
Post-construction storm water management ordinance	Updated existing	1,815	Ordinance Name & Number Title 14 Required improvements & Design standard Explain the purpose of the new deliverable or need for an update: Include requirements equivalent to NR151	Yes
Illicit Discharge Ordinance	Developed new	1,815	Ordinance Name & Number DRAFT Illicit Discharge Detection & Elimination Explain the purpose of the new deliverable or need for an update: Include requirements equivalent to NR151	Yes

**Summary of Deliverables - Storm water Quality Plan** Additional planning deliverables be added by clicking on the [+] button

Components of storm water plan deliverable	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
Stormwater quality management plan for meeting developed urban area performance standards	Developed new	1,815	Plan name and section or page number 2016 Stormwater Quality Assessment Explain the purpose of the new plan element or need for an update: Determine stormwater impacts to Big Green Lake and Puchvan River.	Yes

**Summary of Deliverables - Financial feasibility analysis of alternative storm water quality program revenue source**

Financial Feasibility Analysis Deliverable	Deliverable Type	Alternative revenue source(s) evaluated	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
Financial feasibility analysis of alternative storm water quality program revenue source	Developed new	Storm Water Utility	Deliverable name Green Lake Stormwater Utility Feasibility Study Summary of results and final recommendation(s): 1557.2 ERUs; steps to implement are included should the city wish to implement	Yes

**Summary of Deliverables - Program Development & Implementation Activities**

Program Development & Implementation Activities	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
			Name of implemented program Explain the purpose of the implemented program	

**Storm water performance standards addressed by deliverables** Additional rows may be added by clicking on the [+] button

Performance Standard addressed	Identify the deliverable(s) that address this performance standard and explain how it is addressed by the deliverable
Reduce P Loading to address TMDL goals	City of Green Lake Stormwater Impact Study & Management Plan- determine impacts to Big Green Lake & Puchyan River which are within the Upper Fox/Wolf TMDL area and possible projects to limit impacts. City of Green Lake is not an MS4. Stormwater Utility Feasibility Study- determine feasibility of a dedicated revenue source that could be used to reduce stormwater impacts. Ordinance Update Recommendations- Reflect NR 151



**Project Comments**

The governmental unit has approved or adopted the product(s) developed.  Yes  No Explain status below.

Provide a summary of project challenges and accomplishments. Also report the status of the local municipality's acceptance, approval, adoption, or implementation of the products, including ordinances, developed under the grant. (Narrative space expands.)

The Project identified areas and costs of the storm water retention installations. These areas will be considered as the locations change use or change in development.

The major challenge discovered by the study is the cost of the land for the BMPs and structures. Most of the project areas are near or on the lake shore where the land costs appear to be not cost effective or prohibitive. Some of the areas are in public areas or parks which are not popular spaces for structures at this time.

The major accomplishment achieved by the study was to give guidance to the Green Lake Lake Management Team on setting priorities for future storm water projects. The study gives direct assistance in revising and updating the existing storm water ordinance. The study also gave the city assistance in determining options for water quality trading to meet TMDL limits at the WWTP.

**Required Attachments:**

Required Attachments – Check the boxes below if the applicable final deliverables (hardcopy or electronic) are attached to this form, or if they were previously provided to the DNR Regional Nonpoint Source Coordinator

- All new and updated ordinances developed under this project and identified above
- All new and updated storm water quality plan components developed under this project and identified above
- Financial feasibility analysis of alternative storm water quality program revenue source
- Documentation of all storm water program implementation activities conducted under this project and identified above
- Aerial photo map of project area
- GIS mapping information
- Water quality monitoring results summary, if applicable

**Grantee Certification**

A responsible government official (authorized signatory) must authorize and date the final report form prior to electronic submittal to the DNR Regional Nonpoint Source Coordinator.

I certify that, to the best of my knowledge, the project is complete and the information contained in this final report and attachments is correct and true.

Name of Authorized Government Official	Title of Authorized Government Official	Date
Glen McCarty	Director of Public Works	04/11/2019

**For DNR Nonpoint Source Coordinator Use Only**

- Received complete reports with all attachments
- DNR accepts and approves the activities/products as consistent with the grant agreement and 281.66, Wis. Stat.

Comments about this project: (Narrative space expands.)

Name of Region Nonpoint Source Coordinator	Date
Eric Evensen	04/19/2019

Send the Final Report and attachments to the Community Financial Assistance Grant Manager and to the Runoff Management Grant Coordinator. Keep a printed copy for the Region file.



March 8, 2019

Glen McCarty, Department of Public Works  
City of Green Lake  
534 Mill St. Box 216  
Green Lake, WI 54941

Subject: City of Green Lake Urban Non-Point Source Planning Grant  
Grant: USP24231Y16

Dear Mr. McCarty:

Thank you for submitting the following deliverables to the Wisconsin Department of Natural Resources (Department):

1. January 26, 2018 Storm Water Quality and Improvement Plan (the 2018 Plan)
2. June 29, 2018 Responses to DNR Review Comments on City of Green Lake Stormwater Quality Assessment and Improvement Plan
3. June 29, 2018 Memorandum – Updates to the City of Green Lake Stormwater Quality Assessment and Improvement Plan
4. August 17, 2018 DNR UNPS & SW Grant Funding – Eligible Areas
5. February 19, 2019 Memorandum – Updates to the City of Green Lake Stormwater Quality Assessment and Improvement Plan With revised Appendix E swale data and additional swale photos

The Department has reviewed the submitted materials prepared by MSA Professional Services, Inc. to meet the requirements of Nonpoint Source Urban Storm Water Planning Grant No. USP24231Y16. The project is in conformance with the applicable requirements of ch. NR 155 Wis. Adm. Code.

Please note that all copies of the 2018 Plan should be accompanied with the other documents listed above.

Thank you for your attention to this matter. Please call me at 920-662-5461 or email [Amy.Minser@wisconsin.gov](mailto:Amy.Minser@wisconsin.gov) if you have any technical questions. Questions related to grant paperwork and reimbursement should be directed to Eric Evensen at 920-303-5447. Thank you.

Sincerely,

Amy Minser, PE  
Storm Water Engineer

cc: Jeff Felland, MSA  
Eric Evensen, DNR  
Tony Fischer, DNR  
Anne Hirekatur, DNR  
Jessica Wagner, DNR  
Joe Baeten, DNR





**PROFESSIONAL SERVICES**

# Memo

---

**To:** Glen McCarty, Director of Public Works, City of Green Lake  
**From:** Jeff Felland, PE; Eric Thompson, PE, CFM  
**Subject:** Draft Ordinances:

- Construction Site Erosion Control
- Post-Construction Stormwater Management
- Illicit Discharge Detection and Elimination Ordinances

**Date:** July 27, 2017

---

**I. PURPOSE**

In 2016 the City of Green Lake was awarded a Wisconsin DNR Urban Nonpoint Source and Storm Water (UNPS&SW) Program Planning Grant to conduct a stormwater quality study. A condition of the Grant was to review and update as necessary the City's existing Construction Site Erosion Control, Post-Construction Stormwater Management for New Development and Re-Development, and Illicit Discharge Detection and Elimination Ordinances.

This memorandum discusses the typical elements of stormwater management regulations; summarizes the major elements of each regulation affecting the City; and makes recommendations to the City as to what levels of performance for construction site erosion control and post-construction stormwater management should be incorporated into the updated ordinances. Additionally, as the City currently has no Ordinance related to illicit discharges, MSA has provided a draft Illicit Discharge Detection and Elimination Ordinance for potential adoption by the City.

**II. REGULATIONS AND REGULATORY HIERARCHY**

The City is not required to have any stormwater management ordinances in place unless and until they become a permitted MS4 community. This is likely decades away as MS4 designation typically applies to communities with a population of 10,000 or more. Regardless of whether the City has their own Ordinance, all development within the City (meeting certain applicability thresholds) is subject to the requirements of Wisconsin Administrative Code NR151. It appears that the City's current ordinance was drafted to meet the NR 151 requirements in effect at the time. However, NR 151 was

Offices in Illinois, Iowa, Minnesota, and Wisconsin

---

2901 International Lane, Suite 300, Madison, WI 53704-3133

(608) 242-7779 (800) 446-0679

FAX: (608) 242-5664 WEB ADDRESS: [www.msa-ps.com](http://www.msa-ps.com)

revised in December 2010 to incorporate additional requirements for development and the City ordinances are now out of date.

The City of Green Lake has published erosion control requirements under Chapter 2 - Construction Site Erosion Control of Title 15 – Building Code of the City’s Ordinances, and stormwater management requirements under Articles F – Required Improvements and Article G – Design Standards of Title 14 - Subdivision Regulations of the City’s Ordinances.

Green Lake County has published erosion control and stormwater management requirements under Chapter 284 – Construction Site Erosion Control and Stormwater Management, as a part of their Land Use Code of Ordinances adopted in 2016.

**III. ELEMENTS OF STORMWATER MANAGEMENT**

Typically, the post-construction performance requirements of a stormwater management ordinance include at least three major elements: peak discharge rate control; water quality treatment; and runoff volume control (i.e. infiltration). Different performance requirements are also frequently specified for different types of proposed land use (e.g. commercial or residential); as well as different types of development such as: new development (i.e. “greenfield”); redevelopment; and infill development (development of an undeveloped area surrounded by developed areas).

Other elements of stormwater management such as major and minor system conveyance capacity; oil & grease control; thermal control; groundwater recharge requirements; and wetland setbacks are sometimes also stipulated. Stormwater management ordinances also frequently incorporate (temporary) construction site erosion control requirements. The scope of this memorandum is limited to a discussion of the three major post-construction stormwater management and construction site erosion control requirements only.

**IV. SUMMARY OF PERFORMANCE REQUIREMENTS**

The pertinent portions of NR 151; Green Lake County Construction Site Erosion Control and Stormwater Management Ordinance; and Articles F – Required Improvements and Article G – Design Standards of Title 14 - Subdivision Regulations (Stormwater Management) and Chapter 2 - Construction Site Erosion Control of Title 15 – Building Code of the City of Green Lake’s Ordinance are compared in the following paragraphs.

**A. Applicability**

1. NR 151: Applies to land disturbance of more than one acre.
2. Green Lake County Ordinance: Applies to land development activities as follows:
  - a. Residential land development with a gross aggregate area of five acres or more;
  - b. Residential land development with a gross aggregate area of at least

three acres, but less than five acres, if there are at least 1.5 acres of impervious surfaces;

- c. Nonresidential land development with a gross aggregate area of 1.5 acres or more or any nonresidential land development which creates impervious area of 1.0 acre or more; and
- d. Land development activities, regardless of size of the development, which in the opinion of Green Lake County are likely to result in stormwater runoff which exceeds the safe capacity of the existing drainage facilities or receiving body of water, which causes undue channel erosion, which increases water pollution by scouring or the transportation of particulate matter or which endangers downstream property or public safety.

3. City Ordinance: Applies to land development activities as follows:

a. Construction Site Erosion Control –

- Those requiring a subdivision plat approval or the construction of houses or commercial, industrial or institutional buildings on lots of approved certified surveys.
- Those requiring a certified survey approval or the construction of houses of commercial, industrial or institutional buildings on lots of approved certified surveys.
- Those involving grading, removal of protective ground cover or vegetation, excavation, land filling or other land disturbing activity affecting a surface area of four thousand (4,000) square feet or more.
- Those involving excavation or filling or a combination of excavation and filling affecting four hundred (400) cubic yards or more of dirt, sand or other excavation or fill material.
- Those involving street, highway, road or bridge construction, enlargement, relocation or reconstruction.
- Those involving the laying, repairing, replacing or enlarging of an underground pipe or facility for a distance of three hundred (300) feet or more.

- b. Stormwater Management - Dividing any land located within the boundaries and jurisdiction of the City which results in a subdivision, land division, minor land division or replat.

Commentary: While requiring post-construction stormwater management only for a land division is not historically unusual, a more common current approach is to base applicability on a certain amount of new impervious area created on construction sites. The City Ordinance's should adopt a threshold of 20,000 square foot of new impervious area created during construction for post-construction stormwater management requirements.



B. Peak Discharge Rate Control

1. NR 151: Requires the control of post development peak runoff rates from the 1-yr and 2-yr, 24-hr rainfall events to be no greater than pre-development peak runoff rates.
2. County Ordinance: Requires the control of post development peak runoff rates from the 2-yr, 10-yr and 100-yr, 24-hr rainfall events to be no greater than pre-development peak runoff rates.
3. City Ordinance: Requires the control of post development peak runoff rates from the 2-yr up to the 100-yr, 24-hr rainfall events to be no greater than pre-development peak runoff rates. Specific storm events within this range are not called out, (i.e. 10-yr, 25-yr).

Commentary: The City and Green Lake County Ordinances are generally equivalent and more restrictive than NR 151 because rate control is required up through the 100-yr, 24-hr rainfall event. The City Ordinance should be updated to include a rate control requirement for the 1-yr, 24-hr rainfall event which was incorporated into NR 151 in 2010, as well as the 10-year and 25-yr, 24-hr rainfall events. Additionally, the City and County do not specify rainfall depth and intensity distributions. The City Ordinance should be updated to incorporate the new NRCS rainfall intensity distributions and 2014 NOAA Atlas 14 data which was incorporated into the NR 151 requirements in 2015.

C. Water Quality

1. NR 151: Requires an 80% reduction in Total Suspended Solids (TSS) for new development and infill development; and a 40% reduction in TSS for redevelopment, based on an average annual rainfall.
2. County Ordinance: Requires stormwater treatment practices be designed to trap, filter, or otherwise prevent the release of particulate materials. Stormwater discharges shall be pretreated to prevent discharge of stormwater pollutants at concentrations that will result in exceedance of groundwater preventive action limits or enforcement standards established by the DNR in CH. RN 140. No specific percent reduction is required.
3. City Ordinance: No Total Suspended Solids (TSS) reduction requirements, and no Total Phosphorus (TP) reduction requirements.

Commentary: The City Ordinance should be updated to include TSS requirements equivalent to NR151 and should add TP reduction requirements. Ordinance language regarding TSS and TP removal as required by a (future)

approved TMDL should also be added. See Section V. for additional discussion regarding TMDLs.

D. Volume Control/Infiltration

1. NR 151: For new development NR 151 has three tiers based on the development's density and which require infiltration rates from 60% to 90% of the pre-developed condition, based on an average annual rainfall. NR 151 does not require infiltration for redevelopment sites or infill sites of less than 5 acres. Various prohibitions exist regarding the source of the runoff and the soil conditions on each site.
2. County Ordinance: Infiltration of stormwater runoff from driveways, sidewalks, rooftops, and landscaped areas shall be incorporated to the maximum extent practical, to provide volume control in addition to control of peak flows.
3. City Ordinance: No infiltration requirements.

Commentary: The City Ordinance should be updated to include infiltration requirements equivalent to NR151.

V. **FUTURE TMDL CONSIDERATIONS**

The City of Green Lake lies within the Big Green Lake Watershed, with areas tributary to both Green Lake and Puchyan Mill Race. The Big Green Lake Watershed lies within the Upper Fox-Wolf TMDL project that is currently under development. These watersheds are impaired due to excess phosphorus and TSS, and the TMDL is expected to identify necessary reductions in both pollutants required to restore water quality to desired levels. The City should include language in the revised ordinance to accommodate recommendations of futures TMDLs, when approved, as these may be more stringent than required by current regulations.

VI. **RECOMMENDATIONS**

The City of Green Lake should consider the following recommendations as the Ordinance related to Post-Construction Stormwater Management is revised. Specifically, Section 14-1-58 of Article F and Section 14-1-74 of Article G of Chapter 1 of Title 14 can be revised to reference the enclosed Post-Construction Storm Water Management model ordinance to augment the current language. Chapter 2 of Title 15 of the City's Ordinance is believed to be adequate with regards to Construction Site Erosion Control.

1. We recommend that the current City Ordinance's threshold for post-construction stormwater management requirements should be set at 20,000 square feet of new impervious area created on construction sites.
2. We recommend the City include a generic statement allowing them to apply stormwater management requirements on a project by project basis

at their discretion. Such statement can be in line with Green Lake County's as provided previously in paragraph IV. A. 2. d.

3. The City peak discharge rate control requirement should be made consistent with Wisconsin DNR NR151 and County standards to include the 1-yr, 2-yr, 10-yr, 25-yr, and 100-yr, 24-hr rainfall events. Further, both Ordinances should be updated to reference the current NRCS and NOAA data discussed in Section IV.
4. We recommend that the City's ordinance be revised to require compliance with the minimum reductions in TSS as by either NR 151 development standards or the goals of an EPA approved TMDL pollutant discharge limit (i.e. Upper Fox-Wolf TMDL).
5. We recommend that the City's ordinance be revised to require compliance with the minimum reductions in Total Phosphorus as by either NR 151 development standards or the goals of an EPA approved TMDL pollutant discharge limit (i.e. Upper Fox-Wolf TMDL).
6. We recommend the City adopt infiltration performance requirements for redevelopment, new development and infill meeting DNR 151 standards.
7. We recommend the City adopt the enclosed model Illicit Discharge Detection and Elimination Ordinance.





# Memo

---

**To:** Glen McCarty

**From:** Eric Thompson, Amber Converse and Becky Binz

**Subject:** Green Lake Stormwater Utility Feasibility Study

**Date:** August 4, 2017

---

This memorandum presents the findings of a preliminary investigation into the technical details of a stormwater utility for use by the City of Green Lake in determining the feasibility of implementing a stormwater utility.

*I. Introduction*

Proper stormwater management, by and large, goes unnoticed in a community. However, as with water supply and wastewater treatment, the stormwater management system is an important element of the infrastructure of any municipality, and a poorly functioning system can negatively impact the lives and livelihood of the community. While flood protection is a large component of stormwater management, there are several additional elements such as routine drainage and water quality management which also must be considered.

The City of Green Lake is responsible for collecting, storing, and conveying rainfall and snowmelt runoff in a manner that is safe for the public and does not harm the environment. Construction and maintenance of facilities to properly manage stormwater is an expensive and long-term cost. Property owners within the City are taxed to fund the current stormwater program in proportion to the assessed value of their property. The existing system of funding stormwater management according to property taxes has little or no relationship to the actual costs associated with the services to safely collect, convey, treat, and dispose of stormwater runoff. Under a stormwater utility fee system, property owners pay for the stormwater program based on the relative amount of runoff generated by their property. A stormwater utility fee system is a dedicated long-term funding source that provides for community-wide control and management of stormwater.

---

Offices in Illinois, Iowa, Minnesota, and Wisconsin

2901 International Lane, Suite 300, Madison, WI 53704-3133

(608) 242-7779 (800) 446-0679

FAX: (608) 242-5664 WEB ADDRESS: [www.msa-ps.com](http://www.msa-ps.com)

Page 1 of 11

The concept of the stormwater utility was developed in the western United States in the mid-1970s. Since that time, municipalities across the country have adopted ordinances to initiate a stormwater utility. In following this trend, stormwater utility systems for funding management programs have also been established in Wisconsin. In 1994, the Village of Lake Delton established the first stormwater utility in Wisconsin. As of March 2016, at least 120 communities in Wisconsin had adopted a stormwater utility with an average generated revenue of \$62.54/ERU/year.

## *II. Utility Rate Structures*

A large part of the appeal of stormwater utilities comes from the concept of equitability. If stormwater management activities are paid for out of the general tax fund, residence and business owners pay for stormwater management relative to the tax-value of their property. Stormwater utilities, by contrast, charge fees based on the degree to which a particular parcel generates stormwater runoff.

A property with more impervious area generates more runoff, and therefore puts more demand on a publicly owned stormwater management system than a property with less impervious area (assuming a similar size). Many utilities use the impervious area on each individual parcel as a measure of system 'usage' much like a water meter measures usage in a water utility.

Measurement of impervious area for all parcels within a community can represent a considerable expense. Additionally, the need to continually update data describing parcels as property modifications are made can make this an ongoing expense. For this reason, many communities have opted for simpler billing methods which limit the expenses of overhead activities such as database upkeep. However, a community must exercise caution in the application of alternative billing rates so as to not oversimplify the relationship between utility use and utility fees, else the equity of the utility system may be upset and the utility overturned in court.

- a. **Flat Rate Structure.** The simplest way to structure a stormwater utility is to simply charge each parcel a flat rate. The advantage of this approach is that both start-up and ongoing utility administration costs are low. The disadvantage is that charge does not reflect stormwater program use and is generally not defensible if challenged in court. MSA does not recommend this option.
- b. **Measured Area Structure.** Some stormwater utilities base customer charges on the actual measured amount of impervious area (and sometimes pervious area) per property. This is arguably the most accurate and equitable method for establishing a utility rate. However, this is also the most rigorous measurement method which incurs the highest costs for upkeep.

- c. **ERU-Based Structure.** A balance between the Flat Rate and Measured Area utility rate structures is the 'Equivalent Residential Unit' (ERU) structure. Residential properties typically represent the largest number of parcels in any municipality and compared to non-residential properties, the per-parcel-impervious-area is much less variable. Because of this, many communities charge a flat rate for all residential properties. The ERU size is determined by calculating the average amount of impervious area for all residential parcels in the community (by evaluating a statistically significant sample set). Non-residential parcels pay a fee based on the ratio of the impervious area on the parcel relative to the impervious area of the ERU. Undeveloped properties (with no impervious area) typically pay only a small (sometimes zero) amount for administration of the utility.

ERU-based rate structures are an attractive rate structure method because of their ability to provide a reasonable balance of equity of charge distribution and low overhead costs. A disadvantage of the ERU method is that it may not be equitable in communities with large variation in impervious area among residential parcels.

The majority of Wisconsin communities with stormwater utilities use an ERU system.

- d. **Other Rate Structures.** There are methods for assessing stormwater utility rates other than those described above, however they are very rare and comparatively complex and so are not described here. MSA can provide additional information on other rate structures if requested by the City.

Because of concerns for simplicity of potential future operation of a stormwater utility for the City of Green Lake, this memo summarizes the results of MSA's investigation of the details of a stormwater utility under an ERU system.

### *III. Determining the Current Land Use in the City of Green Lake*

The first step in establishing a stormwater billing rate system is to determine current land use classifications. Land use classifications were assigned at the parcel level. GIS parcel boundaries were obtained by MSA for Green Lake County (August 2016). Information available from this database was combined with visual interpretation from aerial photographs (Green Lake County, 4-inch resolution, spring 2015 and ESRI Basemaps) to determine an approximate land use classification. Land use was classified into five (5) categories on a per-parcel basis for use in Stormwater Utility:

- Residential (SFR): Assumed to be Single-Family Residential
- Duplex Residential (D): Residences with two units per parcel
- Multi-Family Residential (MFR): Any residential unit with 3+ dwelling units



- **Non-Residential (NR):** Any developed property that is not residential in use
- **Undeveloped (U):** Land in a relatively unaltered, natural state (no impervious area); this often includes agricultural areas and wooded lands

The Stormwater Utility Land Use map (**Map 1**) shows the current City-wide land use classification for use within the SWU. Note that several parcels did not fit neatly into one of the pre-defined land use categories, specifically parcels containing only driveways and/or residential garages. These properties were assigned to be single-family residential.

There are 861 parcels within the City limits. Currently 496 are classified as single-family, four are duplexes, 21 are multi-family, 180 are non-residential, and 160 are undeveloped.

**Table 1: Green Lake Land Use Classification**

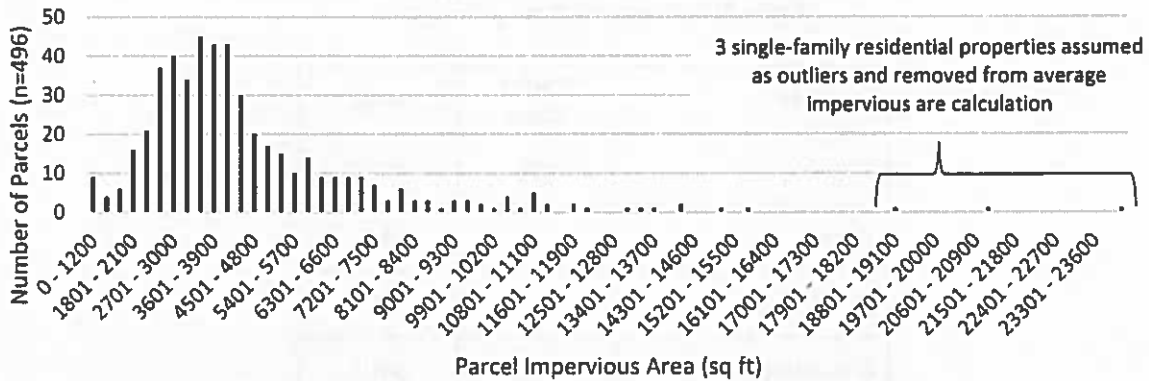
Land Use Classification	Number of Parcels	Total Area (acres)
Single-Family Residential	496	250.8
Duplexes	4	3.1
Multi-Family Residential	21	25.9
Non-Residential	180	446.3
Undeveloped	160	318.6

#### **IV. ERU Determination**

Within an ERU-based stormwater utility, an ERU is the average amount, of impervious area present on single-family residential parcels and expressed in square feet. ERUs are community specific. For this study, all single family residential parcels (496) within the limits of the City were digitized. Only impervious area within the parcel limits (i.e. privately owned impervious) were included in the digitization effort. The impervious areas from these parcels were used to determine Green Lake's ERU.

**Map 2** displays single-family residential impervious area identified with the City. The average impervious area for all single-family residential properties was determined to be 4,553 square feet. **Figure 1** presents the distribution of impervious area across the entire range of values. As is the case with most communities there are some statistical outliers with unusually large impervious areas. The three largest outliers by themselves increase the average ERU by approximately 100. If these three parcels are removed, the ERU is 4,455 with a confidence interval of 4.7%, which is within the standard level of acceptability. This value rounded to 4,450 square feet is the recommended ERU size.

**Figure 1:  
Single-Family Residential Impervious Area Distribution**



**V. Estimating the Total Number of ERUs within the City**

In addition to digitization of impervious area on single family residential parcels, impervious areas were also digitized for all parcels classified as multi-family residential (3+ dwelling units) or non-residential (commercial, industrial, governmental, etc.). Undeveloped parcels were reviewed to confirm that no impervious area was present.

As with single family residential parcels, impervious area was only digitized for impervious areas within the parcel boundaries. The impervious area associated with city-owned streets and sidewalks was not included in the digitization, even if the street/sidewalk fell within the parcel boundary. Map 3 displays the results of this digitization effort.

A SWU database was developed based on the parcel number, land use classification, and impervious area digitization. The following methodology was used to determine the charge per parcel based on the land use classification:

- **Single-Family Residential** parcels are charged for 1 ERU
- **Duplex** parcels are charged for 2 ERUs
- **Multi-family Residential** parcels are charged by the amount of impervious area, relative to the recommended ERU size (4,450 sq ft)
- **Non-Residential** parcels are charged by the amount of impervious area, relative to the recommended ERU size (4,450 sq ft)
- **Undeveloped** parcels are charged zero (0) ERUs.

For those land use types where the rate is determined by measured impervious area the ERU was rounded to the 10<sup>th</sup> place (e.g. 3.143 ERUs → 3.1 ERUs). A minimum charge per parcel was set to 1 ERU (e.g. 0.4 ERUs → 1 ERU); however, any parcel with a zero (0) charge remained zero.

**Table 2** lists the number of parcels assigned to each land use classification and the number of ERUs associated with each type.

**Table 2: Estimated ERUs by Land Use**

Land Use	Parcel Count	ERUs
Single Family	496	496.0
Duplex	4	8.0
Multifamily	21	107.7
Non-residential	180	945.5
Undeveloped	160	0.0
<b>TOTAL</b>	<b>861</b>	<b>1,557.2</b>

It should be noted that the listed number of ERUs is only approximate and may change if additional development occurs in the city or if the city were to adopt a different ERU size.

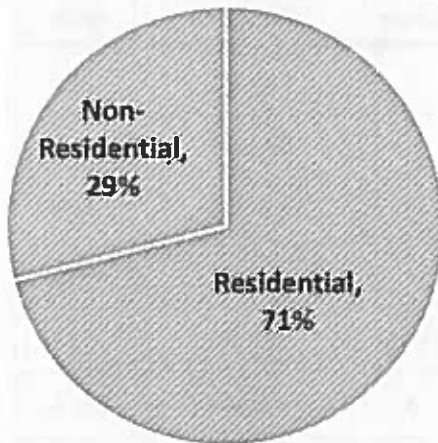
**VI. Revenue Sources: Property Tax vs. Stormwater Utility**

Traditionally, maintenance stormwater infrastructure is funded through property tax revenue. However, properties that are tax exempt are not providing tax revenue, and are not contributing to the funding of the services received. Also, residential properties typically pay a larger proportion of the total tax revenue yet they typically have less impervious area than non-residential parcels. If the City implements a fee structure based on impervious surfaces rather than taxable value; much of the program costs are transferred to non-residential parcels.

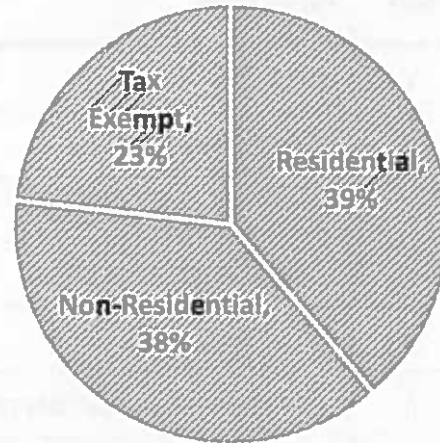
**Figure 2** On the following page illustrates the allocation of stormwater program costs through the property tax system and the ERU-based system based on the preliminary analysis.

Figure 2: Distribution of Stormwater Program Charge

### Property Tax System



### ERU Rate Structure



#### VII. Largest Utility Customers

Many parcels are owned by one entity/individual, and therefore their total charge will be a combination of all their combined properties. MSA aggregated multi-family and non-residential parcels based on ownership in the 2016 assessment data.

To determine the largest customers, parcels were grouped according to the 'Owner Name 1' as included in the 2016 parcel assessment data. It is understood that ownership could have changed since the 2016 assessment, and therefore the top customer list will be dynamic, and will change as property ownership changes. Some effort was made to infer common ownership due to modified spelling or minor name differences (e.g. McConnell Investment Real Estate LLC and Mc Connell Investment Real Estate LLC). The top ten customers in the City are shown in Table 3.

If the City were to implement a stormwater utility, it will be necessary to establish an ERU-Rate (for example \$5/ERU/month) which would then establish the monthly, or yearly utility bill that any given customer would be responsible for paying. However, the City hasn't yet established the costs of its annual stormwater management program, and so the approximate rate isn't currently available. However, as of March 2016 the average ERU rate in the state of Wisconsin was \$62.54/ERU/year.

Table 3: Largest 10 Potential SWU Customers

Rank	Owner Name	Parcel Count	Total Impervious Area (sq ft)	Total ERUs
1	GREEN LAKE COUNTY	3	665,075	149.4
2	MEIBORG PROPERTIES LLC	5	356,041	79.9
3	MCCONNELL INVESTMENT REAL ESTATE LLC	3	327,155	73.6
4	GREEN LAKE VENTURE INC	4	310,891	70.3
5	CITY OF GREEN LAKE	34	233,200	65.5
6	TUSCUMBIA LAND CORPORATION	3	166,676	37.4
7	GREEN LAKE SCHOOL DISTRICT	11	138,307	31.9
8	H & E GREEN LAKE LLC	2	132,440	29.8
9	LYDEO LLC	2	105,542	24.2
10	PHASE FIVE OF GREEN LAKE LLC	1	98,978	22.2

*VIII. Estimated Revenue with an ERU Rate Structure*

To set a stormwater utility ERU Rate the City will need to estimate current stormwater management costs and project future program costs reflective of additional services the City may wish to provide for stormwater management (such as a stormwater quality improvement program) and ensure that it charges a sufficient dollar amount per ERU to cover these costs.

A municipal stormwater management program is typically divided into five fundamental components: program management and administration, engineering and planning, inspection and enforcement, operation and maintenance, and capital improvements.

**1. Program Management**

Program management costs include staff time allocated for activities such as scheduling, budgeting, grant writing and administration, database maintenance, permit compliance, and public information.

**2. Planning and Engineering**

The Municipal Engineer or Engineering Consultant is typically responsible for the planning, design, and supervision, of stormwater projects (including grading, drainage ways, detention facilities, and storm sewers); and coordination of various



Public Works construction and maintenance projects. Engineers also review individual or large-scale developments within the City for compliance with local, state and federal regulations and policies.

- 3. Inspection and Enforcement**  
The third component of the stormwater management program is inspection and enforcement. Typical programs include storm sewer video inspection, site plan and project plan review, site inspection, and enforcement actions. Construction site erosion control and stormwater management ordinances are typically enforced through a cooperative effort involving the City Building Inspector, Engineer, and Director of Public Works.
- 4. Operation and Maintenance**  
The Department of Public Works is typically responsible for repair and maintenance of the City's curb and gutter, storm sewer and inlets. This department is also in charge of street sweeping.
- 5. Capital Improvements**  
Municipalities typically maintain an internal capital improvement document that is used for budgeting and planning purposes. Municipalities typically have a stormwater management plan that identifies areas where additional detention storage or upgraded storm sewers are needed. These projects are often included in a municipality's Capital Improvement Plan, an internal document used for the planning and budgeting of large capital projects.

#### *IX. Review of Stormwater Utilities in Wisconsin Cities and Villages*

Table 4 provides a review of ten Wisconsin cities and villages similar in size to the City of Green Lake with stormwater utilities in place. The table denotes when the SWU was implemented, average ERU size, and approximate annual revenue generated from the utility based on 2016 values. This is only a small sampling of communities in the state with stormwater utilities.

**Table 4: Municipalities in Wisconsin of a Size Similar to Green Lake with Stormwater Utilities in Place.**

City	Population (2010 census)	Year Stormwater Utility Created	Equivalent Runoff Unit, ERU, Size (sq ft)	Approximate Annual Revenue
Village of Butler	1,838	1999	3,021	\$66.00
Village of Cambridge	1,498	2005	43,560*	\$28.00
City of Durand	1,878	2010	3,300	\$48.00
Village of Grantsburg	1,317	2004	N/A	\$24.00
Village of New Glarus	2,160	2009	3,000	\$58.20
Village of Palmyra	1,783	2000	3,387	\$117.24
Village of Shorewood Hills	1,799	2007	2,941	\$110.00
Village of Silver Lake	2,420	2008	3,870	\$94.00
City of Washburn	2,098	2005	N/A	\$63.00
Village of Wind Point	1,717	2008	3,857	\$35.20

Source: Wisconsin Public Service Commission and Wisconsin Chapter of APWA

\*Reference the Village Cambridge's Stormwater Utility ordinance to understand the ERU size.

**X. 2013 Wisconsin Act 20**

Wisconsin Act 20 [Wis. Stats. sec. 66.0602(2m)(b)], enacted in 2013, governs any intention by municipalities to increase expenditures for stormwater services via utility funding. This means that municipalities are required to either reduce levees to off-set the utility expense or pass a public referendum. The only exemption is if no stormwater management services were itemized in the budget or implemented in the 2013 or subsequent calendar year, in which case stormwater management would not be considered a 'covered service'. Note that expenses prior to 2013 do not affect this legislation.

MSA provided the Department of Revenue (DOR) a written list of questions and organized a conference call at the end of June 2016 to discuss specific questions related to stormwater utilities. During the conference call DOR staff supported the interpretation that any activity in any way related to stormwater that was either budgeted-for or paid-for by the 2013 levee (or subsequent levees) constitutes a 'stormwater expenditure'. Any plans for increasing of the scope of expenditures for anything related to stormwater services via utility funding would fall under the requirements of the statute. In this case meaning *that the City of Green Lake would need to either reduce its levee to off-set the utility expense or pass a public referendum supporting the utility with no reduction in the City's levee.*

*XI. Steps to Implement a Utility*

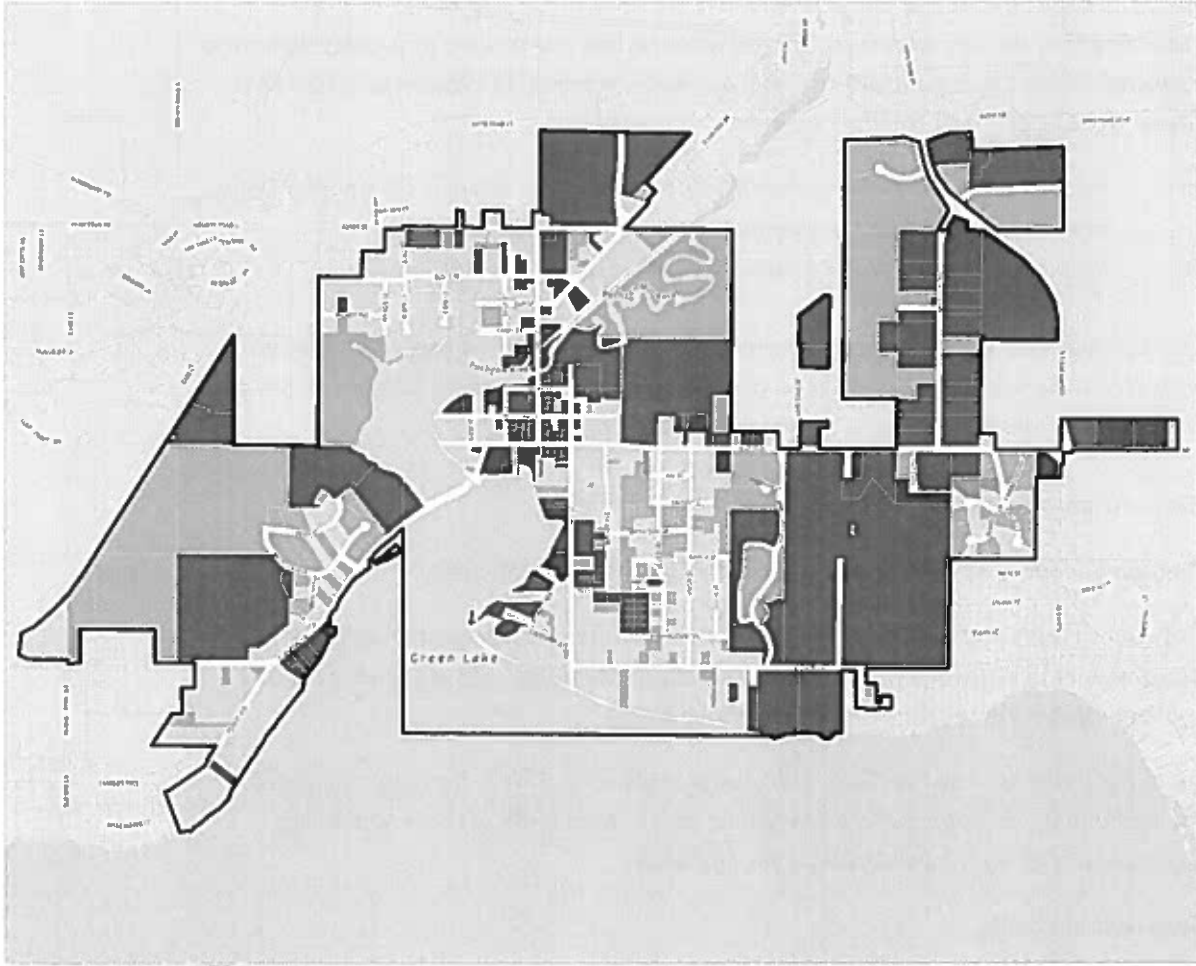
The stormwater utility feasibility study outlined in this memo is only the first step in the implementation of a formal stormwater utility. Should the City wish to proceed with utility implementation, the following minimum steps should be followed:

- 1.) *Determine that successful stormwater utility implementation is desirable and feasible.*
- 2.) *Assuming that the City wishes to proceed with the implementation of a utility without a reduction in the City's levee limit per the requirements of 2013 Wisconsin Act 20 [Wis. Stats. sec. 66.0602(2m)(b)], the City must:*
  - a. *Adopt a resolution stating that the City's intent is to adopt a stormwater utility at a certain rate with a provision not to reduce the City's levy limit*
  - b. *Prepare for a public referendum for support of this resolution.*

*The City may also wish to consider some level of public education program to inform property owners of the City's decision to implement a utility and the considerations that have gone into establishing the rate structure and program costs.*

- 3.) *Create a stormwater utility customer database.*
- 4.) *Pass an ordinance establishing the authority to implement the utility.*
- 6.) *Pass a resolution setting the utility rate. This may require an evaluation of the City's stormwater management program to be sure that the utility rate achieves the desired management goals within an acceptable time frame.*
- 7.) *Input the database into the City's utility billing software. This is typically completed by the community, as opposed to a consultant, due to familiarity with current billing software and general considerations for efficiency.*
- 8.) *Send customer bills.*

PROJECT: Green Lake Stormwater Utility Feasibility Study  
MAP: Stormwater Utility Land Use  
DATE: 10/20/2010



# Stormwater Utility Land Use

## Map 1 Green Lake Stormwater Utility Feasibility Study

- City Limits
- Parcel
- Waterbody
- Stormwater Utility Land Use**
  - Single-Family
  - Duplex
  - Multi-Family
  - Non-Residential
  - Undeveloped

Date Source: 10/20/2010  
Project: Green Lake Stormwater Utility Feasibility Study  
Map: Stormwater Utility Land Use  
City of Green Lake  
Green Lake County, WI

**MSA**  
Municipal Service Authority

0 0.1 0.2 Miles

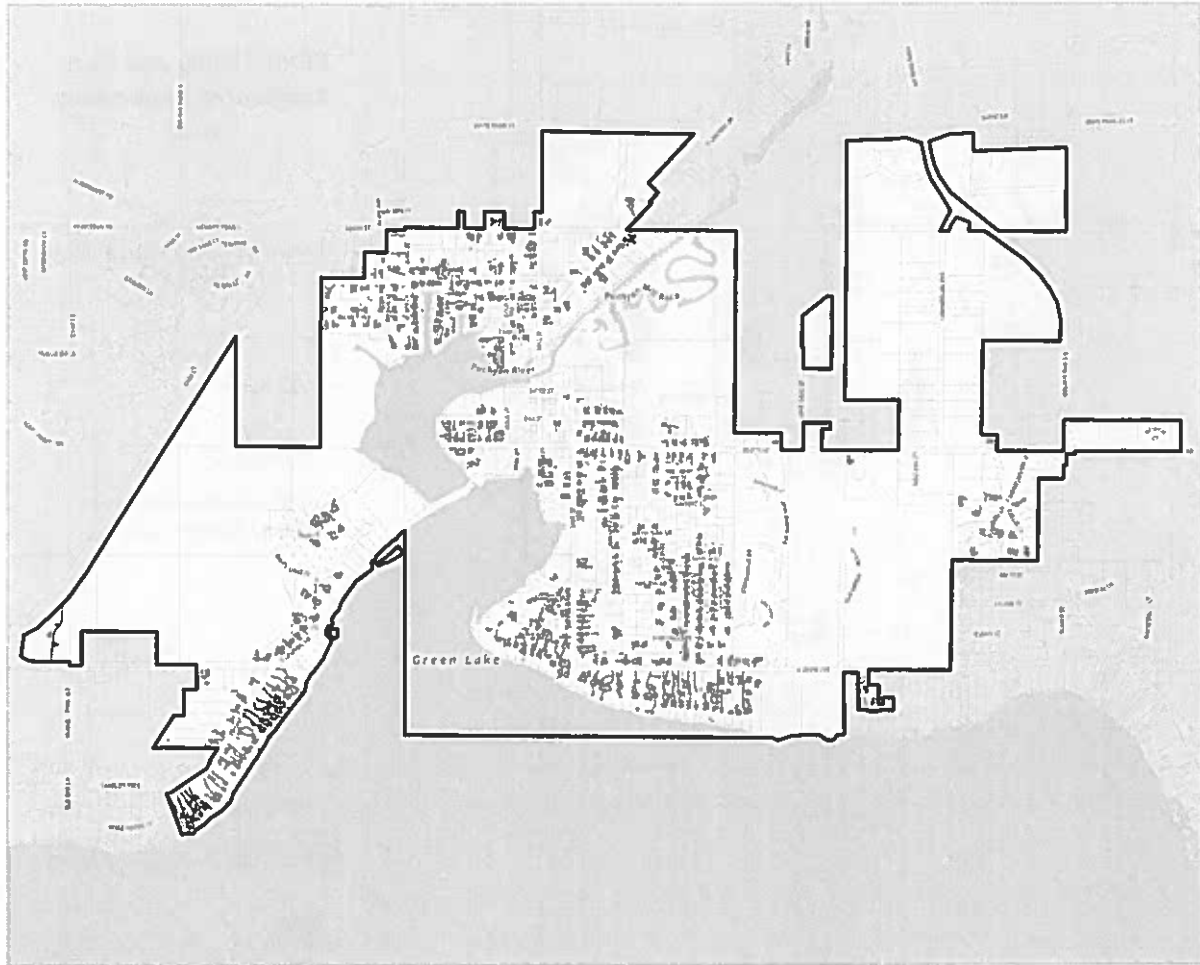
# Single Family Residential Impervious Area

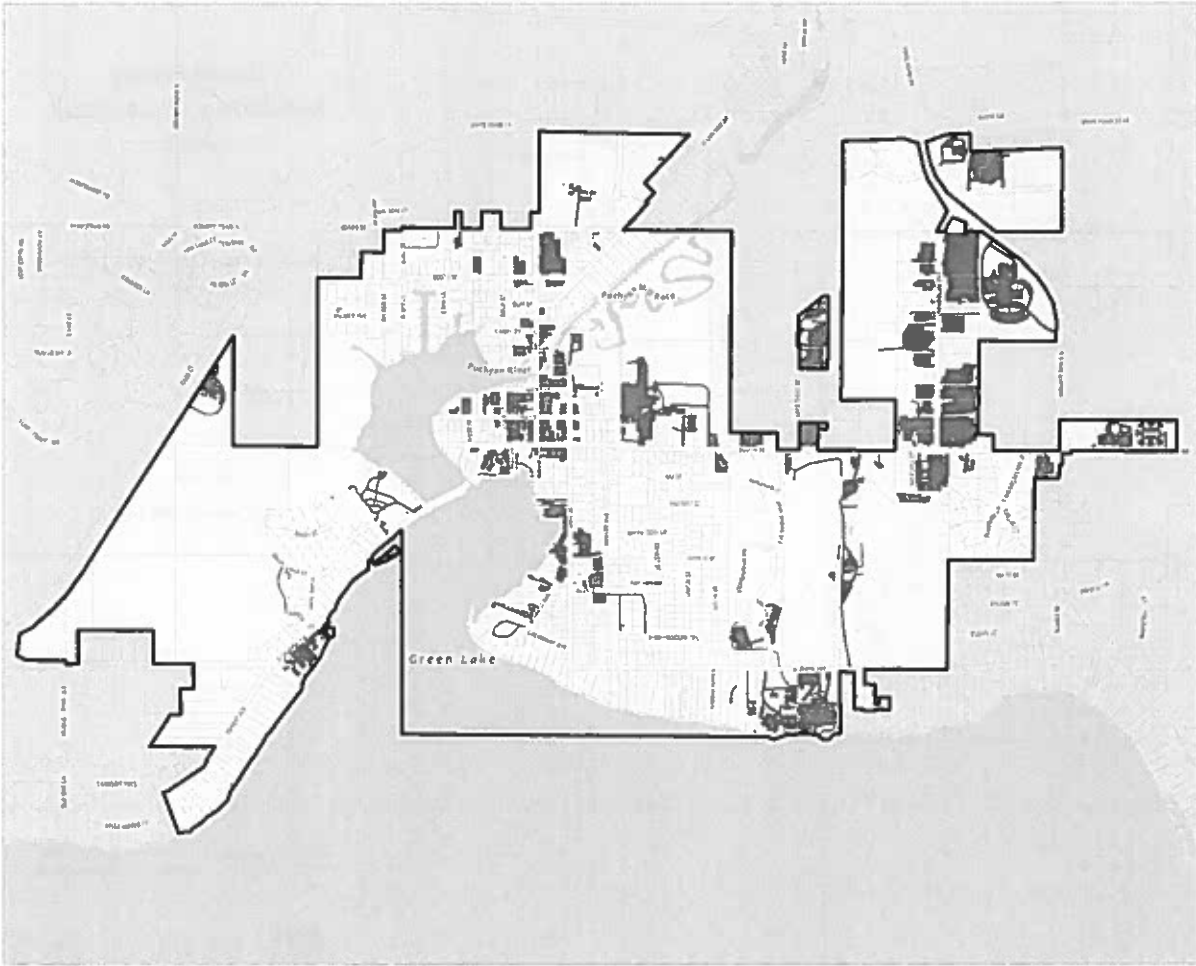
## Map 2 Green Lake Stormwater Utility Feasibility Study

-  City Limits
-  Parcel
-  Waterbody
-  Single-Family Impervious

Data Sources:  
Parcels: Green Lake County GIS  
Street Features: Green Lake County  
Municipal Boundary: Green Lake County






City of Green Lake  
Green Lake County, WI





# Multi-Family and Non-Residential Impervious Area

Map 3  
Green Lake Stormwater Utility Feasibility Study

-  City Limits
-  Parcel
-  Waterbody
-  Multi-Family Residential Impervious
-  Non-Residential Impervious

City of Green Lake  
Green Lake County, WI



Prepared by: [www.msa.com](http://www.msa.com), File: P:\1740866\41363\411\2741\NET\2741\7626\_2641\_5412\_166666.dwg



Parcel Information from Green Lake County [2016]								SWU Feasibility Study Data				
Parcel#	OWNER#M1	OWNER#M2	STREADDRESS	LNDAVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area [sq ft]	SWU Land Use	Calculated ERTs	Grouped Name
23100010000	DONALD DODGE	DAWN MADON	537 HILL STREET	\$22,300	\$80,500	\$102,800		No	2,671	SF	1	DONALD DODGE
23100020000	IAN & MARIE SIMONE BRZOZOWSKI LIVING TRUST		531 HILL STREET	\$21,100	\$123,300	\$144,400		No	4,445	SF	1	IAN & MARIE SIMONE BRZOZOWSKI LIVING TRUST
23100030000	JAMES GNEISER		529 HILL STREET	\$19,800	\$105,600	\$125,400		No	3,878	SF	1	JAMES GNEISER
23100040000	BIERMAN LLP		530 LAKE STREET	\$19,800	\$157,400	\$177,200		No	6,248	NR	1.4	BIERMAN LLP
23100050000	BRIAN F DALEY		508 LAKE STREET	\$14,700	\$135,800	\$150,500		No	2,597	SF	1	BRIAN F DALEY
23100060000	MARY LEHWALD LOFGREN		524 SOUTH STREET	\$11,200	\$105,400	\$116,600		No	2,762	NR	1	MARY LEHWALD LOFGREN
23100070000	JOH R & RUBY MICHELLE SMICK		528 SOUTH STREET	\$20,200	\$114,300	\$134,500		No	3,589	SF	1	JOH R & RUBY MICHELLE SMICK
23100080000	RONALD F & LINDA K ROSE		532 SOUTH STREET	\$27,600	\$144,100	\$166,700		No	4,421	SF	1	RONALD F & LINDA K ROSE
23100090000	SEAN ENGBRETSON		534 SOUTH STREET	\$36,100	\$132,400	\$168,500		No	6,730	SF	1	SEAN ENGBRETSON
23100090100	RONALD F & LINDA K ROSE			\$2,900	\$0	\$2,900		No	633	SF	1	RONALD F & LINDA K ROSE
23100100000	HORCOON BANK		515 HILL STREET	\$198,000	\$740,400	\$938,400		No	12,238	NR	2.8	HORCOON BANK
23100110000	NANCY A HEYDON		511 HILL STREET	\$12,200	\$127,000	\$139,200		No	3,070	SF	1	NANCY A HEYDON
23100110100	NANCY A HEYDON			\$6,200	\$0	\$6,200		No	369	SF	1	NANCY A HEYDON
23100120000	B KENT & EILEEN BAUMAN REVOCABLE LIVING TRUST		514 MILL STREET	\$99,000	\$168,400	\$267,400		No	7,255	NR	1.6	B KENT & EILEEN BAUMAN REVOCABLE LIVING TRUST
23100130100	THRASHER OPERA HOUSE CORPORATION		510 MILL STREET	\$11,500	\$24,500	\$40,000	X4	No	13,195	NR	3	THRASHER OPERA HOUSE CORPORATION
23100160000	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP			\$52,800	\$6,000	\$58,800		No	4,543	NR	1	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP
23100170000	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP		504 MILL STREET	\$126,700	\$185,200	\$311,900		No	10,829	NR	2.4	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP
23100180000	KENDALL TELEPHONE INC		514 SOUTH STREET	\$0	\$0	\$0		Yes	3,376	NR	1	KENDALL TELEPHONE INC
23100190000	TODD N & COLLEEN A POMPLUN		505 LAKE STREET	\$33,800	\$258,700	\$292,500		No	4,774	NR	1.1	TODD N & COLLEEN A POMPLUN
231002100100	HORCOON BANK			\$20,600	\$3,600	\$24,200		No	3,000	NR	1	HORCOON BANK
231002200000	LITTLE CORPORAL LTD		499 HILL STREET	\$34,500	\$153,700	\$188,200		No	2,681	NR	1	LITTLE CORPORAL LTD
231002210000	VILNEVA IV LLC		495 HILL STREET	\$23,800	\$121,700	\$145,500		No	1,246	NR	1	VILNEVA IV LLC
231002220000	ELIZABETH D HERSCHBERGER	ALBERT F IV WALKER	511 MILL STREET	\$63,400	\$100,300	\$163,700		No	4,240	NR	1	ELIZABETH D HERSCHBERGER
231002300000	STEVEN L GUTH	MARY A GUTH	509 MILL STREET	\$32,700	\$172,500	\$205,200		No	2,533	NR	1	STEVEN L GUTH
231002400000	SWAYZE PROPERTIES LLC		493 HILL STREET	\$82,700	\$103,000	\$185,700		No	4,791	NR	1.1	SWAYZE PROPERTIES LLC
231002500000	GREEN LAKE COUNTY FARM BUREAU		491 HILL STREET	\$22,200	\$60,400	\$82,600		No	1,332	NR	1	GREEN LAKE COUNTY FARM BUREAU
231002600000	ORLO A BIERMAN		487 HILL STREET	\$81,000	\$120,800	\$201,800		No	5,497	NR	1.2	ORLO A BIERMAN
231002700000	GOOSE BLIND LLC			\$88,900	\$6,500	\$95,400		No	7,220	NR	1.6	GOOSE BLIND LLC
231002701000	E & H GREEN LAKE LLC		488 SOUTH STREET	\$286,300	\$328,400	\$614,700		No	18,289	NR	4.1	E & H GREEN LAKE LLC
231002702000	GOOSE BLIND LLC		512 GOLD STREET	\$82,700	\$374,700	\$437,400		No	4,995	NR	1.1	GOOSE BLIND LLC
231002800000	AMY CHRISTIANSEN SI-AHMED DESCENDANTS TRUST	JOHN CHRISTIANSEN DE	492 SOUTH STREET	\$196,000	\$59,900	\$255,900		No	2,228	NR	1	AMY CHRISTIANSEN SI-AHMED DESCENDANTS TRUST
231002900000	DANIEL F BIERMAN		507 HILL STREET	\$32,700	\$37,800	\$70,500		No	1,706	NR	1	DANIEL F BIERMAN
231003000000	MARK P & LAURIE A KOEPE		505 MILL STREET	\$32,700	\$153,600	\$186,300		No	2,402	NR	1	MARK P & LAURIE A KOEPE
231003100000	SWAYZE PROPERTIES LLC		503 MILL STREET	\$32,700	\$100,500	\$133,200		No	2,586	NR	1	SWAYZE PROPERTIES LLC
231003200000	SOCIETY DARTFORD HISTORICAL		501 MILL STREET	\$0	\$0	\$0	X4	Yes	2,347	NR	1	SOCIETY DARTFORD HISTORICAL
231003300000	GOLD ST LLC		515 GOLD STREET	\$35,000	\$50,000	\$85,000		No	3,605	NR	1	GOLD ST LLC
231003400000	ANNA M SCHNEIDER		473 HILL STREET	\$20,900	\$61,600	\$82,500		No	4,065	SF	1	ANNA M SCHNEIDER
231003401000	LOUISE A TAYLOR		467 HILL STREET	\$43,600	\$131,400	\$175,000		No	5,734	SF	1	LOUISE A TAYLOR
231003500000	PAUL V & MARY C BREDSON		465 HILL STREET	\$23,600	\$93,100	\$116,700		No	3,772	SF	1	PAUL V & MARY C BREDSON
231003600000	DAVID & MARILYN ROSIN FAMILY TRUSTS #1 & #2		464 SOUTH STREET	\$21,100	\$134,000	\$155,100		No	2,509	SF	1	DAVID & MARILYN ROSIN FAMILY TRUSTS #1 & #2
231003700000	JOEL D & GEORGIA SCHULTZ		468 SOUTH STREET	\$21,800	\$144,200	\$166,000		No	4,041	SF	1	JOEL D & GEORGIA SCHULTZ
231003800000	DONALD A & EARLENE M STEFANELLI		472 SOUTH STREET	\$20,300	\$136,100	\$156,400		No	4,843	SF	1	DONALD A & EARLENE M STEFANELLI

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel Num	OWNER#001	OWNER#002	SITE ADDRESS	LMV VALUE	TMV VALUE	TOTAL VALUE	AUSE CLASS	Assumed Easement	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231000390000	DALM REO HOLDINGS LLC		509 GOLD STREET	\$12,200	\$208,300	\$220,500		No	3,932	SF	1	DALM REO HOLDINGS LLC
231000400000	CHRISTOPHER BUCCIARELLI	NIKKI D BUCCIARELLI	478 SOUTH STREET	\$11,600	\$184,400	\$196,000		No	3,575	SF	1	CHRISTOPHER BUCCIARELLI
231000410000	MICHAEL G & MARLENE M ERICH TRUST		457 HILL STREET	\$21,100	\$83,300	\$104,400		No	2,777	SF	1	MICHAEL G & MARLENE M ERICH TRUST
231000420000	LORENE A KINAS	SHARI L POWERS	453 HILL STREET	\$21,300	\$143,600	\$164,900		No	2,615	SF	1	LORENE A KINAS
231000430000	SONG REVOCABLE LIVING TRUST		449 HILL STREET	\$20,400	\$12,400	\$32,800		No	2,377	SF	1	SONG REVOCABLE LIVING TRUST
231000440000	MARY F ROWLEY REVOCABLE TRUST		445 HILL STREET	\$335,000	\$366,900	\$701,900		No	8,505	SF	1	MARY F ROWLEY REVOCABLE TRUST
231000440100	MARY F ROWLEY REVOCABLE TRUST			\$300	\$0	\$300		No	170	SF	1	MARY F ROWLEY REVOCABLE TRUST
231000450000	SEAN M & JO ELLEN MADDEN		442 SOUTH STREET	\$352,500	\$421,900	\$774,400		No	5,979	SF	1	SEAN M & JO ELLEN MADDEN
231000460000	SEAN M MADDEN	JO ELLEN MADDEN	448 SOUTH STREET	\$31,200	\$196,700	\$227,900		No	3,931	SF	1	SEAN M MADDEN
231000470000	DOEPKE LIVING TRUST		452 SOUTH STREET	\$21,100	\$118,500	\$139,600		No	2,877	SF	1	DOEPKE LIVING TRUST
231000480000	J KYLE & JOAN P WIGGS		456 SOUTH STREET	\$21,100	\$133,700	\$154,800		No	3,349	SF	1	J KYLE & JOAN P WIGGS
231000490000	LAURIE ZEN NETZOW		456 HILL STREET	\$123,000	\$557,600	\$680,600		No	20,258	MF	4.6	LAURIE ZEN NETZOW
231000500200	THOMAS W THAYER	PATRICIA A THAYER	450 HILL STREET	\$78,000	\$146,500	\$224,500		No	4,889	MF	1.1	THOMAS W THAYER
231000510100	JOHN P & MARY F MADDEN		511 GOLD STREET	\$70,000	\$188,500	\$258,500		No	22,940	MF	5.2	JOHN P & MARY F MADDEN
231000520000	MARGARET R BOSTELMANN		472 HILL STREET	\$17,800	\$106,700	\$124,500		No	2,953	SF	1	MARGARET R BOSTELMANN
231000530000	MARY F ROWLEY REVOCABLE TRUST		466 HILL STREET	\$112,000	\$92,900	\$204,900		No	3,988	SF	1	MARY F ROWLEY REVOCABLE TRUST
231000540000	JANICE K DOEPKE		462 HILL STREET	\$124,000	\$61,400	\$185,400		No	1,863	SF	1	JANICE K DOEPKE
231000550000	THE CORNERSTONE PROJECT INC		476 HILL STREET	\$0	\$0	\$0	X4	Yes	5,072	NR	1.1	THE CORNERSTONE PROJECT INC
231000560000	BIERMAN LIMITED LIABILITY PARTNERSHIP		535 MILL STREET	\$29,700	\$123,100	\$152,800		No	2,105	NR	1	BIERMAN LIMITED LIABILITY PARTNERSHIP
231000570000	KEITH A WADELL	RHONDA L WADELL	533 MILL STREET	\$29,700	\$73,000	\$102,700		No	1,874	NR	1	KEITH A WADELL
231000580000	TERRANCE J & NANCY E MULVILLE REVOCABLE TRUST		531 MILL STREET	\$17,200	\$87,300	\$104,500		No	1,162	NR	1	TERRANCE J & NANCY E MULVILLE REVOCABLE TRUST
231000590100	TERRANCE J & NANCY E MULVILLE REVOCABLE TRUST		529 MILL STREET	\$35,700	\$183,700	\$219,400		No	1,898	NR	1	TERRANCE J & NANCY E MULVILLE REVOCABLE TRUST
231000600100	THE CORNERSTONE PROJECT INC		492 HILL STREET	\$0	\$0	\$0	X4	Yes	48,739	NR	11	THE CORNERSTONE PROJECT INC
231000620000	MARSHAM INVESTMENTS LLC		531 LAKE STREET	\$16,500	\$78,300	\$94,800		No	2,084	SF	1	MARSHAM INVESTMENTS LLC
231000630000	MARSHAM INVESTMENTS LLC		511 WATER STREET	\$16,300	\$57,400	\$73,700		No	6,605	NR	1.5	MARSHAM INVESTMENTS LLC
231000640000	CITY OF GREEN LAKE		534 MILL STREET	\$0	\$0	\$0	X4	Yes	8,908	NR	2	CITY OF GREEN LAKE
231000650000	KARYN SCHMITZ		530 MILL STREET	\$27,700	\$96,900	\$124,600		No	2,306	NR	1	KARYN SCHMITZ
231000660000	STEVEN W BRESSER	KATE K BRESSER	528 MILL STREET	\$45,200	\$100,300	\$145,500		No	3,744	NR	1	STEVEN W BRESSER
231000660100	HARBOR MASTERS LLC			\$2,200	\$0	\$2,200		No	4,216	NR	1	HARBOR MASTERS LLC
231000670000	MARGARET ANN YORK REVOCABLE TRUST		526 MILL STREET	\$39,600	\$160,100	\$199,700		No	3,177	NR	1	MARGARET ANN YORK REVOCABLE TRUST
231000680000	CARRIE L NOLEN	CHRISTOPHER NOLEN	524 MILL STREET	\$29,700	\$118,600	\$148,300		No	2,215	NR	1	CARRIE L NOLEN
231000690000	DANIEL W DENSLow		522 MILL STREET	\$24,700	\$138,700	\$163,400		No	2,002	NR	1	DANIEL W DENSLow
231000700000	BUY ON GL LLC		518 MILL STREET	\$39,600	\$224,500	\$264,100		No	3,209	NR	1	BUY ON GL LLC
231000710000	HARBOR MASTERS LLC		506 HILL STREET	\$41,900	\$269,400	\$311,300		No	5,115	NR	1.1	HARBOR MASTERS LLC
231000720000	HARBOR MASTERS LLC		508 HILL STREET	\$27,400	\$48,000	\$75,400		No	4,076	NR	1	HARBOR MASTERS LLC
231000730000	MARSHAM INVESTMENTS LLC		512 HILL STREET	\$80,100	\$0	\$80,100		No	0	U	0	MARSHAM INVESTMENTS LLC
231000740000	CITY OF GREEN LAKE		518 HILL STREET	\$0	\$0	\$0	X4	Yes	9,184	NR	2.1	CITY OF GREEN LAKE
231000750000	JOSEPH A & JENNIFER S WATERS			\$33,000	\$1,800	\$34,800		No	1,386	NR	1	JOSEPH A & JENNIFER S WATERS
231000750100	MARSHAM INVESTMENTS LLC			\$15,900	\$0	\$15,900		No	0	U	0	MARSHAM INVESTMENTS LLC
231000760000	MARSHAM INVESTMENTS LLC		532 LAKE STREET	\$26,100	\$53,200	\$79,300		No	2,149	NR	1	MARSHAM INVESTMENTS LLC
231000770000	MARSHAM INVESTMENTS LLC		528 LAKE STREET	\$20,500	\$36,700	\$57,200		No	1,788	SF	1	MARSHAM INVESTMENTS LLC
231000780000	MARSHAM INVESTMENTS LLC		524 HILL STREET	\$21,100	\$0	\$21,100		No	7,100	NR	1.6	MARSHAM INVESTMENTS LLC

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel#	OWNER#M1	OWNER#M2	SITEADDRESS	LNDAVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231000790000	MARKHAM INVESTMENTS LLC		528 HILL STREET	\$21,100	\$120,200	\$141,300		No	4,120	SF	1	MARKHAM INVESTMENTS LLC
231000800000	JOSEPH A & JENNIFER S WATERS		534 HILL STREET	\$23,200	\$83,700	\$106,900		No	4,597	SF	1	JOSEPH A & JENNIFER S WATERS
231000820000	CITY OF GREEN LAKE		540 LAKE STREET	\$0	\$0	\$0	X4	Yes	14,175	NR	3.2	CITY OF GREEN LAKE
231000830000	CITY OF GREEN LAKE		545 LAKE STREET	\$0	\$0	\$0	X4	Yes	15,557	NR	3.5	CITY OF GREEN LAKE
231000840000	WATER STREET PARTNERS LLC		508 WATER STREET	\$49,700	\$140,800	\$190,500		No	15,252	NR	3.4	WATER STREET PARTNERS LLC
231000860000	SONNTAG REALTY LLC		536 MILL STREET	\$63,400	\$202,000	\$265,400		No	4,501	NR	1	SONNTAG REALTY LLC
231000870000	DENNIS R ADAMS	JEAN C ADAMS		\$6,100	\$0	\$6,100		No	832	NR	1	DENNIS R ADAMS
231000870100	GREEN LAKE CHAMBER OF COMMERCE		550 MILL STREET	\$130,700	\$52,700	\$183,400		No	8,143	NR	1.8	GREEN LAKE CHAMBER OF COMMERCE
231000880000	DENNIS R & JEAN C ADAMS		538 MILL STREET	\$48,900	\$244,100	\$293,100		No	7,682	NR	1.7	DENNIS R & JEAN C ADAMS
231000930000	AMERICAN LEGION POST 306		518 WATER STREET	\$0	\$0	\$0	X4	Yes	6,054	NR	1.4	AMERICAN LEGION POST 306
231000950000	CITY OF GREEN LAKE		547 MILL STREET	\$0	\$0	\$0	X4	Yes	59	NR	1	CITY OF GREEN LAKE
231000960000	EDWARD & LINDA J WELLS		546 MILL STREET	\$34,600	\$50,900	\$85,500		No	8,782	NR	2	EDWARD & LINDA J WELLS
231000970000	ERIC G RATERING		560 MILL STREET	\$50,700	\$153,100	\$203,800		No	4,224	NR	1	ERIC G RATERING
231000980000	CITY OF GREEN LAKE		554 MILL STREET	\$0	\$0	\$0	X4	Yes	2,051	NR	1	CITY OF GREEN LAKE
231000990000	SAVE A TRIP LLC		565 MILL STREET	\$63,000	\$0	\$63,000		No	7,307	NR	1.6	SAVE A TRIP LLC
231001000000	SAVE A TRIP LLC		559 MILL STREET	\$13,400	\$0	\$13,400		No	1,201	NR	1	SAVE A TRIP LLC
231001010000	LAWRENCE & BARBARA BEHLEN		491 CANAL STREET	\$28,700	\$103,100	\$131,800		No	3,881	SF	1	LAWRENCE & BARBARA BEHLEN
231001030000	MICHAEL F & GEORGEANN L KEIGHER		564 GOLD STREET	\$21,100	\$71,800	\$92,900		No	1,928	SF	1	MICHAEL F & GEORGEANN L KEIGHER
231001040000	JEANNE H ANDERSON	JAMES H ANDERSON	556 GOLD STREET	\$21,100	\$58,000	\$79,100		No	2,580	SF	1	JEANNE H ANDERSON
231001050000	LAURIE ZEN NETZOW		551 MILL STREET	\$54,500	\$328,400	\$382,900		No	16,745	MF	3.8	LAURIE ZEN NETZOW
231001060000	CITY OF GREEN LAKE		549 MILL STREET	\$0	\$0	\$0	X4	Yes	4,563	NR	1	CITY OF GREEN LAKE
231001090000	PARAT FAMILY TRUST AGREEMENT		563 GOLD STREET	\$226,500	\$177,600	\$404,100		No	9,135	SF	1	PARAT FAMILY TRUST AGREEMENT
231001090000	RUSSELL C & JACQUELINE G STADING LIVING TRUST		561 GOLD STREET	\$210,000	\$157,800	\$367,800		No	5,910	SF	1	RUSSELL C & JACQUELINE G STADING LIVING TRUST
231001100000	SAMUEL BOYD & KENDRA BOYD LIVING TRUST		579 GOLD STREET	\$30,000	\$200	\$30,200		No	0	U	0	SAMUEL BOYD & KENDRA BOYD LIVING TRUST
231001102000	GERTRUDE ZAHNOW	KIMBERLY DERR	465 CLAY STREET	\$84,000	\$81,300	\$165,300		No	2,900	SF	1	GERTRUDE ZAHNOW
231001104000	SAMUEL & KENDRA BOYD LIVING TRUST			\$21,100	\$0	\$21,100		No	0	U	0	SAMUEL & KENDRA BOYD LIVING TRUST
231001106000	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CITY OF GREEN LAKE
231001107000	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CITY OF GREEN LAKE
231001130000	JOHN M COFFEY	ROBERT M & JOANNE M	581 MILL STREET	\$10,900	\$77,900	\$88,800		No	1,881	SF	1	JOHN M COFFEY
231001140000	DAVID & RUTHANN HOWARD		577 MILL STREET	\$10,900	\$69,100	\$80,000		No	2,596	SF	1	DAVID & RUTHANN HOWARD
231001150000	JANET BEUTHIN		491 CLAY STREET	\$21,100	\$96,200	\$117,300		No	2,105	SF	1	JANET BEUTHIN
231001160000	CAROL M BURGOTNE		487 CLAY STREET	\$21,100	\$64,300	\$85,400		No	2,535	SF	1	CAROL M BURGOTNE
231001160100	RAYMOND T COLHOUER		578 GOLD STREET	\$21,100	\$133,900	\$155,000		No	3,463	SF	1	RAYMOND T COLHOUER
231001170000	RYAN J HAYES		574 GOLD STREET	\$21,100	\$101,900	\$123,000		No	3,060	SF	1	RYAN J HAYES
231001170100	ROGENE C SCHMIDT		488 CANAL STREET	\$21,100	\$113,200	\$134,300		No	3,007	SF	1	ROGENE C SCHMIDT
231001180000	ELM HARBOR APARTMENTS LLC		571 MILL STREET	\$43,600	\$323,300	\$366,900		No	13,957	MF	3.1	ELM HARBOR APARTMENTS LLC
231001200000	PHILLIP K WALLNER		588 N LAWSOH DRIVE	\$34,400	\$89,600	\$124,000		No	5,329	SF	1	PHILLIP K WALLNER
231001210000	LAURENCE F MC INTYRE		511 N LAWSOH DRIVE	\$33,500	\$118,300	\$151,800		No	3,496	SF	1	LAURENCE F MC INTYRE
231001220000	CHRISTOPHER A ROBINSON		580 MILL STREET	\$26,100	\$84,400	\$110,500		No	3,357	MF	1	CHRISTOPHER A ROBINSON
231001230000	PAUL J & SHARON A BAKER		576 MILL STREET	\$17,400	\$95,300	\$112,700		No	2,743	SF	1	PAUL J & SHARON A BAKER
231001240000	MARVIN & CORINNE M RASMUSSEN		572 MILL STREET	\$20,800	\$107,100	\$127,900		No	3,090	SF	1	MARVIN & CORINNE M RASMUSSEN
231001250000	D&J SCHUELLER RENTALS LLC		570 MILL STREET	\$39,700	\$148,800	\$188,500		No	30,806	MF	2.4	D&J SCHUELLER RENTALS LLC

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
ParcelID	OWNER#01	OWNER#02	SITEADDRESS	LANDVALUE	IMPVALUE	TOTAL VALUE	AJUCCLASS	Assessed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231001260000			512 N LAWSON DRIVE	\$0	\$0	\$0	X4	Yes	8,381	NR	1.9	GREEN LAKE SCHOOL DISTRICT
231001270000			509 SCOTT STREET	\$0	\$0	\$0	X4	Yes	5,670	NR	1.3	GREEN LAKE SCHOOL DISTRICT
231001280000			594 MILL STREET	\$10,000	\$101,600	\$111,600		No	4,036	SF	1	GARY W & CAROL J FARVOUR
231001290000			508 CLAY STREET	\$0	\$0	\$0	X4	Yes	3,880	SF	1	GREEN LAKE SCHOOL DISTRICT
231001310000			489 SCOTT STREET	\$0	\$0	\$0	X4	Yes	9,824	NR	2.2	FEDERATED CHURCH OF GREEN LAKE
231001320000			595 MILL STREET	\$12,000	\$95,300	\$107,300		No	2,533	SF	1	KURT A & JEAN M RABENHORST
231001340000			483 SCOTT STREET	\$0	\$0	\$0	X4	Yes	1,825	SF	1	FEDERATED CHURCH OF GREEN LAKE WI
231001350000			484 CLAY STREET	\$19,100	\$88,800	\$107,900		No	2,877	SF	1	DOREEN A CURTIS
231001360000			488 CLAY STREET	\$22,400	\$104,700	\$127,100		No	3,506	SF	1	WILLIAM G & MARIANNE K REININGER
231001370000			492 CLAY STREET	\$20,100	\$151,200	\$171,300		No	4,174	SF	1	MARGARET E & PATRICK J NEWELL
231001380000			496 CLAY STREET	\$22,500	\$103,100	\$125,600		No	2,848	SF	1	JOHN P & DARLENE M FRANTONIUS
231001390000			475 SCOTT STREET	\$28,400	\$100,900	\$129,300		No	3,609	SF	1	CELEST A & GEORGE W KING
231001400000		CHRISTINE A MURPHY	469 SCOTT STREET	\$23,600	\$56,800	\$80,400		No	2,448	SF	1	KEVIN D MURPHY
231001410000			465 SCOTT STREET	\$21,100	\$116,800	\$137,900		No	2,883	SF	1	MICHAEL W & SHEILA M PULICE
231001420000			464 CLAY STREET	\$21,100	\$83,800	\$104,900		No	2,987	SF	1	THOMAS A WATERS
231001420100		MARY ANNE E BARANOWSKI	468 CLAY STREET	\$21,100	\$5,600	\$26,700		No	1,861	SF	1	PHILIP J BARANOWSKI SR
231001430000			472 CLAY STREET	\$21,100	\$175,400	\$196,500		No	4,333	SF	1	PHILIP J & MARY ANNE BARANOWSKI
231001430100			476 CLAY STREET	\$21,100	\$89,600	\$110,700		No	2,959	SF	1	PAUL W & PAULA ANN BILLINGS
231001442000			611 N LAWSON DRIVE	\$31,000	\$118,000	\$151,000		No	7,907	SF	1	MARK K & LYNN A BIEMAN
231001442100			GREEN LAKE SCHOOL DISTRICT	\$0	\$0	\$0	X4	Yes	0	U	0	GREEN LAKE SCHOOL DISTRICT
231001450000		LISA M BELAU	613 N LAWSON DRIVE	\$21,100	\$68,400	\$89,500		No	3,972	SF	1	CURTIS M BELAU
231001460000			615 N LAWSON DRIVE	\$27,600	\$62,000	\$89,600		No	3,677	NR	1	ABDON M & ERIKA V HORTA
231001470000			619 N LAWSON DRIVE	\$22,800	\$103,200	\$126,000		No	4,266	SF	1	THOMAS D & TAMMY S MIDONA
231001480000			621 N LAWSON DRIVE	\$18,900	\$94,900	\$113,800		No	4,477	SF	1	ROGER & JUDY PERKINS
231001490000			623 N LAWSON DRIVE	\$19,100	\$82,800	\$101,900		No	1,914	SF	1	DAVID R & TERESA L BRINKMAN
231001490100			GREEN LAKE SCHOOL DISTRICT	\$0	\$0	\$0	X4	Yes	1,429	NR	1	GREEN LAKE SCHOOL DISTRICT
231001500000			GREEN LAKE SCHOOL DISTRICT	\$0	\$0	\$0	X4	Yes	0	U	0	GREEN LAKE SCHOOL DISTRICT
231001510000			GREEN LAKE SCHOOL DISTRICT	\$0	\$0	\$0	X4	Yes	0	U	0	GREEN LAKE SCHOOL DISTRICT
231001520000			GREEN LAKE SCHOOL DISTRICT	\$0	\$0	\$0	X4	Yes	0	U	0	GREEN LAKE SCHOOL DISTRICT
231001530000			473 UNION STREET	\$21,100	\$106,400	\$127,500		No	3,393	SF	1	BRIAN & JENNIFER CHRISTENSEN
231001530100			583 RAY STREET	\$21,100	\$65,800	\$86,900		No	3,328	SF	1	CAROL J WRIGHT
231001540000		ROBERTA L HAGAMAN	584 HALBERT STREET	\$21,100	\$81,600	\$102,700		No	1,947	SF	1	RANDALL B HAGAMAN
231001540100			581 RAY STREET	\$21,100	\$82,900	\$104,000		No	3,544	SF	1	JOSHUA J STELLMACHER
231001550000		DIANE S ERICKSON	577 RAY STREET	\$21,100	\$74,100	\$95,200		No	2,049	SF	1	DIANE M ERICKSON
231001550100			470 ERNEST STREET	\$21,100	\$107,400	\$128,500		No	2,290	SF	1	HAROLD R & SHEILA M POHLMAN
231001560000			586 HALBERT STREET	\$21,100	\$88,500	\$109,600		No	2,738	SF	1	KAY FAMILY REVOCABLE LIVING TRUST
231001560100			471 UNION STREET	\$21,100	\$90,300	\$111,400		No	2,344	SF	1	DAVID J MEYER
231001570000		DAMELLE M REYSEN	479 ERNEST STREET	\$21,100	\$76,800	\$97,900		No	5,398	SF	1	JASON REYSEN
231001580000			473 ERNEST STREET	\$21,100	\$95,000	\$116,100		No	2,778	SF	1	GUY J & DONNA L ROSSBERG
231001590000			571 SOUTH STREET	\$21,100	\$114,300	\$135,400		No	3,505	SF	1	STACY M MAUPIN
231001600000			491 ERNEST STREET	\$16,800	\$90,000	\$106,800		No	3,285	SF	1	JANET A WENDT
231001600100				\$5,000	\$0	\$5,000		No	1,597	SF	1	JANET A WENDT-BLAZER



Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel ID	OWNER1	OWNER2	SITEADDRESS	LNDAVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231001610000	WARREN P FRANK	LUANN M MIRR FRANK	585 SOUTH STREET	\$24,000	\$101,000	\$125,000		No	3,233	SF	1	WARREN P FRANK
231001620000	SEAN M ENGBRETSON		585 SOUTH STREET	\$21,100	\$99,400	\$120,500		No	3,871	SF	1	SEAN M ENGBRETSON
231001630000	MATHEN G & HEATHER C COLBY		581 SOUTH STREET	\$21,100	\$79,800	\$100,900		No	2,611	SF	1	MATHEN G & HEATHER C COLBY
231001640000	DENNIS E DEYO		577 SOUTH STREET	\$21,100	\$120,300	\$141,400		No	2,798	SF	1	DENNIS E DEYO
231001650000	STEPHEN R & KATHLEEN L KUNZWEILER		490 ERNEST STREET	\$30,000	\$86,300	\$116,300		No	3,001	SF	1	STEPHEN R & KATHLEEN L KUNZWEILER
231001660000	SHARON K FALDON		584 RAY STREET	\$21,100	\$51,700	\$72,800		No	2,201	SF	1	SHARON K FALDON
231001670000	JAMES D JAHNKE		588 RAY STREET	\$16,300	\$97,700	\$114,000		No	1,397	SF	1	JAMES D JAHNKE
231001680000	ELLEN M CASTRO	MARK D KRUEGER	484 WALKER AVENUE	\$19,000	\$72,300	\$91,300		No	2,356	SF	1	ELLEN M CASTRO
231001690000	CHARLES O & DONNA M ANDERSON		482 WALKER AVENUE	\$17,900	\$64,100	\$82,000		No	3,014	SF	1	CHARLES O & DONNA M ANDERSON
231001700000	SEAN ENGBRETSON		480 WALKER AVENUE	\$16,400	\$59,800	\$76,200		No	2,236	SF	1	SEAN ENGBRETSON
231001710000	ANTHONY F & NENA L GENOCCHIO		476 WALKER AVENUE	\$27,800	\$62,300	\$90,100		No	2,539	SF	1	ANTHONY F & NENA L GENOCCHIO
231001730000	DONALD CARMICHAEL		468 WALKER AVENUE	\$25,100	\$46,800	\$71,900		No	3,174	SF	1	DONALD CARMICHAEL
231001740000	ROBERT M PROVO	DOROTHY V BLANKENHSH	483 WALKER AVENUE	\$23,500	\$113,000	\$136,500		No	3,394	SF	1	ROBERT M PROVO
231001750000	CONGREGATION OUR LADY OF THE LAKE		530 RUTH STREET	\$0	\$0	\$0	X4	Yes	2,731	NR	1	CONGREGATION OUR LADY OF THE LAKE
231001760000	STEVE M & SUSAN C ELLIS		460 WALKER AVENUE	\$20,400	\$107,700	\$128,100		No	2,960	SF	1	STEVE M & SUSAN C ELLIS
231001770000	NANCY L WELLS		458 WALKER AVENUE	\$25,800	\$106,400	\$132,200		No	4,144	SF	1	NANCY L WELLS
231001790000	ROBERT W ALFANI LIVING TRUST		454 WALKER AVENUE	\$17,400	\$82,800	\$100,200		No	2,500	SF	1	ROBERT W ALFANI LIVING TRUST
231001800000	LAWRENCE C JENSEN III		450 WALKER AVENUE	\$17,400	\$67,300	\$84,700		No	2,644	SF	1	LAWRENCE C JENSEN III
231001800200	TODD R & JANAE M STOLTZ		442 WALKER AVENUE	\$31,400	\$140,500	\$171,900		No	3,928	SF	1	TODD R & JANAE M STOLTZ
231001800300	SCOTT E LONGSHINE		434 WALKER AVENUE	\$26,400	\$85,200	\$111,600		No	2,592	SF	1	SCOTT E LONGSHINE
231001810000	REBECCA A FEYEN		430 WALKER AVENUE	\$17,400	\$57,100	\$74,500		No	2,013	SF	1	REBECCA A FEYEN
231001820000	THOMAS L & BARBARA R EDDY		426 WALKER AVENUE	\$23,500	\$161,500	\$185,000		No	4,037	SF	1	THOMAS L & BARBARA R EDDY
231001820100	BRENNAN LEWIS		422 WALKER AVENUE	\$23,500	\$81,300	\$104,800		No	2,947	SF	1	BRENNAN LEWIS
231001830000	LEON J WAGNER		418 WALKER AVENUE	\$17,400	\$96,500	\$113,900		No	3,445	SF	1	LEON J WAGNER
231001840000	MARY MINSKEY SCHOLETZKY		414 WALKER AVENUE	\$20,200	\$93,600	\$113,800		No	4,808	SF	1	MARY MINSKEY SCHOLETZKY
231001850000	JAMES H SLAVIN JR		477 WALKER AVENUE	\$16,800	\$31,600	\$48,400		No	2,746	SF	1	JAMES H SLAVIN JR
231001860000	ANITA A COLWELL		473 WALKER AVENUE	\$17,100	\$91,900	\$109,000		No	2,692	SF	1	ANITA A COLWELL
231001870000	LAURA K LUEPKE		471 WALKER AVENUE	\$17,700	\$102,500	\$120,200		No	3,681	SF	1	LAURA K LUEPKE
231001880000	ROBERT L REICHOLD	DONNA J REICHOLD	467 WALKER AVENUE	\$23,600	\$92,900	\$116,500		No	2,777	SF	1	ROBERT L REICHOLD
231001890000	GERALD A MORGAN	LAURA T MORGAN	459 WALKER AVENUE	\$35,500	\$91,100	\$126,600		No	3,703	SF	1	GERALD A MORGAN
231001900000	JOHN J AVERY		457 WALKER AVENUE	\$17,700	\$87,600	\$105,300		No	1,680	SF	1	JOHN J AVERY
231001910000	WILLIAM G HOPFNER	LARRY R STRUBINGER	453 WALKER AVENUE	\$17,700	\$68,200	\$85,900		No	2,473	SF	1	WILLIAM G HOPFNER
231001920000	WILLIAM G HOPFNER	LARRY R STRUBINGER		\$17,700	\$0	\$17,700		No	0	U	0	WILLIAM G HOPFNER
231001930000	GREEN LAKE PEACE EVAN LUTHERAN CHURCH			\$0	\$0	\$0	X4	Yes	0	U	0	GREEN LAKE PEACE EVAN LUTHERAN CHURCH
231001940000	PEACE LUTHERAN CHURCH		435 WALKER AVENUE	\$0	\$0	\$0	X4	Yes	20,077	NR	4.5	PEACE LUTHERAN CHURCH
231001950000	CATHOLIC CHURCH OUR LADY OF THE LAKE			\$0	\$0	\$0	X4	Yes	13,362	NR	3	CATHOLIC CHURCH OUR LADY OF THE LAKE
231001960000	CONGREGATION OUR LADY OF THE LAKE		536 RUTH STREET	\$0	\$0	\$0	X4	Yes	8,223	NR	1.8	CONGREGATION OUR LADY OF THE LAKE
231001970200	GREENWAY HOUSE LLC		380 LAKE STREET	\$76,200	\$369,900	\$446,100		No	15,067	SF	1	GREENWAY HOUSE LLC
231001980000	BARBARA L REISER		532 ILLINOIS AVENUE	\$29,300	\$107,500	\$136,800		No	4,402	SF	1	BARBARA L REISER
231001990100	JAMES W & MILDRED B KING LIVING TRUST		546 ILLINOIS AVENUE	\$68,500	\$85,900	\$154,400		No	3,539	SF	1	JAMES W & MILDRED B KING LIVING TRUST
231001990200	MARY ELBERT			\$36,500	\$0	\$36,500		No	0	U	0	MARY ELBERT
231001990300	JAMES W & MILDRED B KING LIVING TRUST		536 ILLINOIS AVENUE	\$62,500	\$59,300	\$121,800		No	5,024	SF	1	JAMES W & MILDRED B KING LIVING TRUST

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel#	OWNER#E1	OWNER#E2	SITEADDRESS	LNDVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231002000000	PATRICIA M JORNDT REVOCABLE TRUST		565 ILLINOIS AVENUE	\$1,268,500	\$1,728,300	\$2,996,800		No	20,945	SF	1	PATRICIA M JORNDT REVOCABLE TRUST
231002010000	PATRICIA L ALLEN		575 ILLINOIS AVENUE	\$60,000	\$262,500	\$322,500		No	7,305	SF	1	PATRICIA L ALLEN
231002010100	JOAN S CASKEY LIVING TRUST		577 ILLINOIS AVENUE	\$1,178,500	\$221,500	\$1,400,000		No	8,638	SF	1	JOAN S CASKEY LIVING TRUST
231002020000	JOSEPH W & DIANE NOTH		587 ILLINOIS AVENUE	\$161,500	\$280,300	\$441,800		No	4,663	SF	1	JOSEPH W & DIANE NOTH
231002020100	JOHN MEIBORG	JENNIFER MEIBORG	579 ILLINOIS AVENUE	\$670,000	\$232,200	\$902,200		No	11,178	SF	1	JOHN MEIBORG
231002020200	ANTHONY L & MARY LOU CHIRCHILLO		585 ILLINOIS AVENUE	\$800,000	\$202,500	\$1,002,500		No	9,236	SF	1	ANTHONY L & MARY LOU CHIRCHILLO
231002030000	DANIEL H & PARIS J PEPOON		589 ILLINOIS AVENUE	\$475,000	\$151,900	\$626,900		No	9,095	SF	1	DANIEL H & PARIS J PEPOON
231002040000	BARBARA O'CALLAHAN REVOCABLE TRUST	O'CALLAHAN IRREVOC	595 ILLINOIS AVENUE	\$605,000	\$90,300	\$695,300		No	3,482	SF	1	BARBARA O'CALLAHAN REVOCABLE TRUST
231002040100	PETER BRUSH	THOMAS FAMILY LTD PA	603 ILLINOIS AVENUE	\$600,000	\$0	\$600,000		No	1,025	SF	1	PETER BRUSH
231002050000	NANCY C SHERIDAN		365 LAKE STREET	\$865,000	\$802,600	\$1,667,600		No	7,581	SF	1	NANCY C SHERIDAN
231002060000	COLLEEN DETJEN		515 GREENWAY AVENUE	\$800,000	\$457,300	\$1,257,300		No	12,825	SF	1	COLLEEN DETJEN
231002070000	CHEESE AND CRACKERS LLC		513 GREENWAY AVENUE	\$800,000	\$332,000	\$1,132,000		No	6,853	SF	1	CHEESE AND CRACKERS LLC
231002080000	1221 PARTNERS LLC		507 GREENWAY AVENUE	\$778,400	\$145,000	\$923,400		No	7,341	SF	1	1221 PARTNERS LLC
231002090000	RAYMOND J & LYNETTE S BLAKE TRUSTS		501 GREENWAY AVENUE	\$778,400	\$167,000	\$945,400		No	7,025	SF	1	RAYMOND J & LYNETTE S BLAKE TRUSTS
231002100000	CHRISTOPHER J NORDEEN		499 GREENWAY AVENUE	\$800,000	\$250,500	\$1,050,500		No	7,827	SF	1	CHRISTOPHER J NORDEEN
231002110000	THOMAS H & KATHY A ROTH		491 GREENWAY AVENUE	\$50,000	\$52,600	\$102,600		No	7,141	SF	1	THOMAS H & KATHY A ROTH
231002110100	THOMAS H & KATHY A ROTH		495 GREENWAY AVENUE	\$800,000	\$582,200	\$1,382,200		No	4,222	SF	1	THOMAS H & KATHY A ROTH
231002120000	RICHARD P SCULLY TRUST		485 GREENWAY AVENUE	\$800,000	\$234,600	\$1,034,600		No	6,424	SF	1	RICHARD P SCULLY TRUST
231002130000	ELAINE C GUSTAVSON DECLARATION OF TRUST		481 GREENWAY AVENUE	\$1,043,000	\$214,200	\$1,257,200		No	6,027	SF	1	ELAINE C GUSTAVSON DECLARATION OF TRUST
231002140000	PETER B VANDERVELDE			\$4,500	\$0	\$4,500		No	0	U	0	PETER B VANDERVELDE
231002140100	JANET C SCOTT DEC OF TRUST		477 GREENWAY AVENUE	\$1,352,500	\$425,500	\$1,778,000		No	6,076	SF	1	JANET C SCOTT DEC OF TRUST
231002150000	E WILLIAM SWANSON JR TRUST		471 GREENWAY AVENUE	\$1,275,500	\$140,400	\$1,415,900		No	2,383	SF	1	E WILLIAM SWANSON JR TRUST
231002160000	JANET C SCOTT DEC OF TRUST		465 GREENWAY AVENUE	\$27,400	\$0	\$27,400		No	11,760	NR	2.6	JANET C SCOTT DEC OF TRUST
231002170000	STACY BECKER		401 STRAUSS AVENUE	\$269,500	\$333,600	\$603,100		No	20,622	NR	4.6	STACY BECKER
231002180000	STEVEN & MARGARET SIBLEY		407 STRAUSS AVENUE	\$315,000	\$99,100	\$414,100		No	6,177	SF	1	STEVEN & MARGARET SIBLEY
231002190000	MAPLE BELL PROPERTIES LLC		409 STRAUSS AVENUE	\$275,000	\$110,600	\$385,600		No	4,717	SF	1	MAPLE BELL PROPERTIES LLC
231002200000	GREEN LAKE VENTURE INC		413 STRAUSS AVENUE	\$750,000	\$6,000	\$756,000		No	7,482	NR	1.7	GREEN LAKE VENTURE INC
231002210000	KEVIN T & LAURA CURTIN REILLY		417 STRAUSS AVENUE	\$483,000	\$122,800	\$605,800		No	9,281	MF	2.1	KEVIN T & LAURA CURTIN REILLY
231002230200	JOHN W STUEBE		423 LAKE STREET	\$265,000	\$171,300	\$436,300		No	2,731	SF	1	JOHN W STUEBE
231002240000	DALE R BANISTER		411 LAKE STREET	\$27,200	\$98,500	\$125,700		No	2,851	SF	1	DALE R BANISTER
231002240100	MICHAEL T & LAURA J WRENN		421 STRAUSS AVENUE	\$220,000	\$51,300	\$271,300		No	809	SF	1	MICHAEL T & LAURA J WRENN
231002240200	EDWARD L & NANCY K CERNAUSKE	JOSEPH & PATRICIA ZITO	416 STRAUSS AVENUE	\$34,400	\$101,700	\$136,100		No	3,289	SF	1	EDWARD L & NANCY K CERNAUSKE
231002250000	MICHAEL S BEAN	AUSTYNE H BEAN	409 LAKE STREET	\$38,300	\$137,400	\$175,700		No	6,012	SF	1	MICHAEL S BEAN
231002260000	GEORGE I HAYASHI		405 LAKE STREET	\$36,600	\$69,700	\$106,300		No	2,918	SF	1	GEORGE I HAYASHI
231002270000	BEUTHIN IRREVOCABLE TRUST FBO ALAN J BEUTHIN	BEUTHIN IRREVOCABLE T	401 LAKE STREET	\$36,500	\$112,600	\$149,100		No	4,087	SF	1	BEUTHIN IRREVOCABLE TRUST FBO ALAN J BEUTHIN
231002280000	ALAN J BEUTHIN	CHARLES T RINAS	399 LAKE STREET	\$36,500	\$92,700	\$129,200		No	4,129	SF	1	ALAN J BEUTHIN
231002290000	SALLY M KOLIAN TRUST FUND		395 LAKE STREET	\$41,900	\$114,100	\$156,000		No	2,461	SF	1	SALLY M KOLIAN TRUST FUND
231002300000	PAUL A STOLZMAN	SUSAN M STOLZMAN	391 LAKE STREET	\$41,200	\$63,100	\$104,300		No	1,872	SF	1	PAUL A STOLZMAN
231002310000	GREGORY J & DAWN G SWANSON		387 LAKE STREET	\$42,000	\$161,000	\$203,000		No	3,888	SF	1	GREGORY J & DAWN G SWANSON
231002320000	LAKE STREET COTTAGE LLC		383 LAKE STREET	\$41,200	\$178,800	\$220,000		No	3,680	SF	1	LAKE STREET COTTAGE LLC
231002330000	PAUL A STOLZMAN	SUSAN M STOLZMAN	508 GREENWAY AVENUE	\$29,300	\$0	\$29,300		No	0	U	0	PAUL A STOLZMAN
231002340000	TIMOTHY F & LINDA D JANKOWSKI		500 GREENWAY AVENUE	\$56,400	\$217,400	\$273,800		No	5,583	SF	1	TIMOTHY F & LINDA D JANKOWSKI



Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel Number	OWNER/NAME1	OWNER/NAME2	SITEADDRESS	LANDVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231002350000	BRYAN D BECKER		498 GREENWAY AVENUE	\$44,000	\$254,100	\$298,100		No	6,863	SF	1	BRYAN D BECKER
231002360000	KATHY E KEIPE	LYNNE ANN BIERMAN	393 STRAUSS AVENUE	\$43,700	\$52,000	\$95,700		No	2,471	SF	1	KATHY E KEIPE
231002370000	SUSAN J KRUEGER		476 GREENWAY AVENUE	\$53,600	\$254,700	\$308,300		No	6,866	SF	1	SUSAN J KRUEGER
231002380000	PETER B VANDERVELDE		470 GREENWAY AVENUE	\$221,300	\$8,900	\$230,200		No	1,172	NR	1	PETER B VANDERVELDE
231002390000	DANIEL P MILLER		400 STRAUSS AVENUE	\$41,600	\$200,100	\$241,700		No	6,656	SF	1	DANIEL P MILLER
231002390100	MARCELLA MC CAULEY		406 STRAUSS AVENUE	\$16,400	\$73,500	\$89,900		No	1,613	SF	1	MARCELLA MC CAULEY
231002390200	DANIEL P MILLER			\$13,600	\$0	\$13,600		No	0	U	0	DANIEL P MILLER
231002390300	SAMUEL & KENDRA BOYD LIVING TRUST		408 STRAUSS AVENUE	\$18,000	\$123,900	\$141,900		No	2,257	SF	1	SAMUEL & KENDRA BOYD LIVING TRUST
231002400000	COLLEEN DETIEN		375 LAKE STREET	\$24,300	\$0	\$24,300		No	0	U	0	COLLEEN DETIEN
231002410000	ELEANOR A GALLUP			\$6,600	\$0	\$6,600		No	0	U	0	ELEANOR A GALLUP
231002420000	JAMES T FRYMAN	SANDRA K FRYMAN		\$20,200	\$0	\$20,200		No	0	U	0	JAMES T FRYMAN
231002420100	CHARLES & SUSAN WALLSCHLAGER		626 N LAWSON DRIVE	\$38,500	\$176,200	\$214,700		No	6,864	SF	1	CHARLES & SUSAN WALLSCHLAGER
231002420200	ROBERT E & GLYNN L ROHDE			\$8,600	\$0	\$8,600		No	0	U	0	ROBERT E & GLYNN L ROHDE
231002420300	DAVID S & VICKI L (DUHR) SCHULTZ			\$6,400	\$0	\$6,400		No	0	U	0	DAVID S & VICKI L (DUHR) SCHULTZ
231002430000	LARRY & DIANN SEMROW		624 N LAWSON DRIVE	\$31,100	\$45,000	\$76,100		No	3,648	SF	1	LARRY & DIANN SEMROW
231002440000	TRACY L MATHIAS	ANDREW R KANAK	622 N LAWSON DRIVE	\$34,900	\$55,200	\$90,100		No	3,260	SF	1	TRACY L MATHIAS
231002440100	DAVID L SAUER		618 N LAWSON DRIVE	\$36,700	\$50,200	\$86,900		No	3,328	SF	1	DAVID L SAUER
231002450000	GREEN LAKE COUNTY		570 SOUTH STREET	\$0	\$0	\$0	X3	Yes	321,821	NR	72.3	GREEN LAKE COUNTY
231002460000	JAMES & ANN MIJATOVICH		574 SOUTH STREET	\$30,600	\$105,600	\$136,200		No	2,454	SF	1	JAMES & ANN MIJATOVICH
231002480000	KENNETH F & KRISTINA KNIGHT		580 SOUTH STREET	\$25,800	\$140,900	\$166,700		No	3,090	SF	1	KENNETH F & KRISTINA KNIGHT
231002480100	JAMES D TERRA TRUST		584 SOUTH STREET	\$29,100	\$78,900	\$108,000		No	3,081	SF	1	JAMES D TERRA TRUST
231002480200	ADAM D GAGNE		592 SOUTH STREET	\$25,800	\$160,100	\$185,900		No	4,229	SF	1	ADAM D GAGNE
231002480000	CHRISTINE A PHILLIPS		596 SOUTH STREET	\$31,700	\$95,400	\$127,100		No	6,505	SF	1	CHRISTINE A PHILLIPS
231002500100	BRUCE KNAUB SURVIVORS TRUST		600 SOUTH STREET	\$83,400	\$108,900	\$192,300		No	10,386	NR	2.3	BRUCE KNAUB SURVIVORS TRUST
231002500200	DAVID R & JUDITH A DONICA		590 SOUTH STREET	\$30,400	\$47,300	\$77,700		No	5,408	SF	1	DAVID R & JUDITH A DONICA
231002500300	JONEL G BARANOWSKI	ANDREA J FROLAND	608 SOUTH STREET	\$31,300	\$0	\$31,300		No	0	U	0	JONEL G BARANOWSKI
231002500400	GREEN LAKE COUNTY		500 LAKE STEEL STREET	\$0	\$0	\$0	X3	Yes	58,337	NR	13.1	GREEN LAKE COUNTY
231002500500	DAVID R & JUDITH A DONICA			\$15,400	\$0	\$15,400		No	986	NR	1	DAVID R & JUDITH A DONICA
231002500501	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP			\$4,400	\$0	\$4,400		No	11,924	NR	2.7	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP
231002500600	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP		586 SOUTH STREET	\$100,900	\$130,000	\$230,900		No	16,331	MF	3.7	FLAGSHIP APARTMENT ASSOCIATES LTD PARTNERSHIP
231002500700	COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GREEN LAKE		570 LAKE STEEL STREET	\$0	\$0	\$0	X4	Yes	85,936	NR	19.3	COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GREEN LAKE
231002500800	BRUCE KNAUB SURVIVORS TRUST			\$5,700	\$0	\$5,700		No	0	U	0	BRUCE KNAUB SURVIVORS TRUST
231002500900	ALEX A & ANN L ZABEL		610 SOUTH STREET	\$77,600	\$340,300	\$417,900		No	20,212	NR	4.5	ALEX A & ANN L ZABEL
231002500901	ALEX A & ANN L ZABEL		630 SOUTH STREET	\$72,300	\$268,700	\$341,000		No	15,204	NR	3.4	ALEX A & ANN L ZABEL
231002500902	LISA BARANOWSKI CONESA REVOCABLE TRUST		640 SOUTH STREET	\$37,000	\$92,900	\$129,900		No	5,602	SF	1	LISA BARANOWSKI CONESA REVOCABLE TRUST
231002501000	CITY OF GREEN LAKE		560 LAKE STEEL STREET	\$0	\$0	\$0	X4	Yes	53,939	NR	12.1	CITY OF GREEN LAKE
231002510000	ELEANOR A GALLUP			\$2,000	\$0	\$2,000		No	0	U	0	ELEANOR A GALLUP
231002520000	DAVID L & DARLENE C PATCHETT		608 N LAWSON DRIVE	\$33,700	\$79,500	\$113,200		No	3,103	SF	1	DAVID L & DARLENE C PATCHETT
231002520100	JANICE L NOVAK	MARY A BUCHHOLZ	614 N LAWSON DRIVE	\$36,000	\$130,700	\$166,700		No	4,500	SF	1	JANICE L NOVAK
231002530000	H DOUGLAS & DEBORAH S NORTON		604 N LAWSON DRIVE	\$33,200	\$95,700	\$128,900		No	11,029	SF	1	H DOUGLAS & DEBORAH S NORTON
231002540000	JAMES RW GONYO		600 N LAWSON DRIVE	\$36,500	\$92,200	\$128,700		No	3,785	SF	1	JAMES RW GONYO
231002550000	ADRIAN & JUDY GILLIAM		596 N LAWSON DRIVE	\$32,400	\$97,100	\$129,500		No	3,375	SF	1	ADRIAN & JUDY GILLIAM

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data					
Parcel#	OWNER#M1	OWNER#M2	SITE#	ADDRESS	LAND VALUE	IMP VALUE	TOTAL VALUE	AUX CLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231002550100	KEITH A WADELL	JACQUELYN A COUVAL	592	N LAWSON DRIVE	\$51,500	\$0	\$51,500		No	69	NR	1	KEITH A WADELL
231002570000	TROY BREIVOGEL		599	N LAWSON DRIVE	\$34,900	\$136,900	\$171,800		No	3,431	SF	1	TROY BREIVOGEL
231002570200	GREEN LAKE SCHOOL DISTRICT				\$0	\$0	\$0	X4	Yes	0	U	0	GREEN LAKE SCHOOL DISTRICT
231002580000	GREEN LAKE SCHOOL DISTRICT		612	MILL STREET	\$0	\$0	\$0	X4	Yes	101,567	NR	22.8	GREEN LAKE SCHOOL DISTRICT
231002590000	GREEN LAKE SCHOOL DISTRICT				\$0	\$0	\$0	X4	Yes	17,380	NR	3.9	GREEN LAKE SCHOOL DISTRICT
231002600000	FORMHE S VANCRETE		627	MILL STREET	\$25,200	\$88,700	\$113,900		No	2,073	SF	1	KIRWINNE S VANCRETE
231002610000	FRANKLIN D KIENER	KENLYN K KIENER	621	MILL STREET	\$25,100	\$107,800	\$132,900		No	3,714	SF	1	FRANKLIN D KIENER
231002620000	GREGORY A & PATRICIA ROTH		613	MILL STREET	\$24,300	\$114,000	\$138,300		No	4,482	SF	1	GREGORY A & PATRICIA ROTH
231002630000	RAY C FAY		613	MILL STREET	\$24,300	\$100,400	\$124,700		No	4,172	SF	1	RAY C FAY
231002640000	CHARLES W & LYNN D MIRR		607	MILL STREET	\$25,400	\$112,300	\$137,700		No	4,096	SF	1	CHARLES W & LYNN D MIRR
231002650000	FEDERATED CHURCH OF GREEN LAKE		490	SCOTT STREET	\$0	\$0	\$0	X4	Yes	21,849	NR	4.9	FEDERATED CHURCH OF GREEN LAKE
231002660000	JAMES B & NOREEN K BLAKE		484	SCOTT STREET	\$41,200	\$108,200	\$149,400		No	7,483	SF	1	JAMES B & NOREEN K BLAKE
231002660100	THOMAS & MARIANNE KRYSZTOWIAK		485	NORTH STREET	\$39,400	\$153,700	\$193,100		No	7,975	SF	1	THOMAS & MARIANNE KRYSZTOWIAK
231002660300	RALPH & CAROL ANN M KELLY LIVING TRUST				\$31,300	\$0	\$31,300		No	104	NR	1	RALPH & CAROL ANN M KELLY LIVING TRUST
231002670000	WAYNE & MARGUERITE S KREGER		470	SCOTT STREET	\$40,200	\$74,800	\$115,000		No	5,179	SF	1	WAYNE & MARGUERITE S KREGER
231002670100	MARTHA M JANZ		483	NORTH STREET	\$31,400	\$120,000	\$151,400		No	3,626	SF	1	MARTHA M JANZ
231002670200	JOANNE KRAWCZYK	LINDA KEENUM	479	NORTH STREET	\$30,000	\$73,100	\$103,100		No	3,533	SF	1	JOANNE KRAWCZYK
231002670300	MARTHA M JANZ				\$4,000	\$0	\$4,000		No	0	U	0	MARTHA M JANZ
231002670400	ROBERT D PAMENTER				\$26,000	\$0	\$26,000		No	0	U	0	ROBERT D PAMENTER
231002670500	SENIOR CITIZENS CIVIC CENTER		466	SCOTT STREET	\$0	\$0	\$0	X4	Yes	15,779	MF	3.5	SENIOR CITIZENS CIVIC CENTER
231002670600	RALPH & CAROL ANN M KELLY LIVING TRUST		478	SCOTT STREET	\$30,800	\$104,400	\$135,200		No	3,643	SF	1	RALPH & CAROL ANN M KELLY LIVING TRUST
231002680000	LORI LYN KING		456	SCOTT STREET	\$51,000	\$70,800	\$121,800		No	2,934	SF	1	LORI LYN KING
231002680100	CALVIN L & JEANNE M PLUJIM		452	SCOTT STREET	\$25,200	\$113,000	\$138,200		No	4,622	SF	1	CALVIN L & JEANNE M PLUJIM
231002680200	BETTY J COLE		446	SCOTT STREET	\$23,400	\$96,300	\$119,700		No	2,605	SF	1	BETTY J COLE
231002690000	RONALD & TERESA MOLK		440	SCOTT STREET	\$48,300	\$183,000	\$231,300		No	6,501	SF	1	RONALD & TERESA MOLK
231002690100	WILLIAM J BELMONT		436	SCOTT STREET	\$22,800	\$94,700	\$117,500		No	3,385	SF	1	WILLIAM J BELMONT
231002690101	JAMES M WHITNEY				\$39,800	\$18,000	\$57,800		No	1,555	SF	1	JAMES M WHITNEY
231002690300	ROBERTA A SCHMUHL		432	SCOTT STREET	\$22,800	\$104,100	\$126,900		No	3,337	SF	1	ROBERTA A SCHMUHL
231002690400	KARRIE MILLER		428	SCOTT STREET	\$22,800	\$103,000	\$125,800		No	3,257	SF	1	KARRIE MILLER
231002690500	COMMUNITY OPTIONS INC		444	SCOTT STREET	\$0	\$0	\$0	X4	Yes	7,622	SF	1	COMMUNITY OPTIONS INC
231002690600	ALICE M BARTOW		461	NORTH STREET	\$32,900	\$147,100	\$180,000		No	5,984	SF	1	ALICE M BARTOW
231002690700	TERESA MOLK				\$36,800	\$0	\$36,800		No	0	U	0	TERESA MOLK
231002690701	LARRY E HERRELL	KRISTINE R HERRELL	453	NORTH STREET	\$31,000	\$323,900	\$354,900		No	9,178	NR	2.1	LARRY E HERRELL
231002700000	GREEN LAKE CITY OF CEMETERY ASSOC		431	NORTH STREET	\$0	\$0	\$0	X4	Yes	1,661	NR	1	GREEN LAKE CITY OF CEMETERY ASSOC
231002700100	DARTFORD CEMETERY ASSOCIATION				\$0	\$0	\$0	X4	Yes	3,415	NR	1	DARTFORD CEMETERY ASSOCIATION
231002710300	GREGORY D POULOS	MISSY M POULOS	544	W BAY COURT	\$151,700	\$64,300	\$215,500		No	4,051	SF	1	GREGORY D POULOS
231002720000	JEFFREY L FISCHER	CHERYL L SCHOEWE	554	W BAY COURT	\$220,500	\$99,900	\$320,400		No	5,442	SF	1	JEFFREY L FISCHER
231002730000	QUALITY AGGREGATE LLC		447	SCOTT STREET	\$17,400	\$81,400	\$98,800		No	3,636	SF	1	QUALITY AGGREGATE LLC
231002740000	EDWARD L & KARIN M WILLIAMS		480	E BAY COURT	\$234,800	\$95,100	\$329,900		No	5,601	SF	1	EDWARD L & KARIN M WILLIAMS
231002740100	VIRGINIA L ROGERS		451	SCOTT STREET	\$27,300	\$144,000	\$166,300		No	2,986	SF	1	VIRGINIA L ROGERS
231002740200	RODNEY A JR & KAREN R SPERLE		460	E BAY COURT	\$238,900	\$39,200	\$278,100		No	1,233	SF	1	RODNEY A JR & KAREN R SPERLE
231002740300	DAVID N & MARGARET A ELLIS		490	E BAY COURT	\$31,800	\$161,100	\$192,900		No	5,813	SF	1	DAVID N & MARGARET A ELLIS

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel Number	OWNER/NAME1	OWNER/NAME2	SITE ADDRESS	LNDR VALUE	IMPR VALUE	TOTAL VALUE	AUX CLASS	Assessed Excerpt	Impervious Area [sq ft]	SWU Land Use	Calculated ERUs	Grouped Name
231002740400	EDWARD L & KARIN M WILLIAMS		484 E BAY COURT	\$130,000	\$34,900	\$164,900		No	4,691	SF	1	EDWARD L & KARIN M WILLIAMS
231002741700	RHENHARD W & MARALYN F GRISCHOW LIV TRUST		461 CLAY STREET	\$112,300	\$90,500	\$202,800		No	7,021	SF	1	RHENHARD W & MARALYN F GRISCHOW LIV TRUST
231002741800	WAYNE A & GERLIANN NOWICKI		463 CLAY STREET	\$277,500	\$233,600	\$511,100		No	3,594	SF	1	WAYNE A & GERLIANN NOWICKI
231002741900	MICHAEL J & RITA A HIGGINS		474 E BAY COURT	\$149,800	\$40,700	\$190,500		No	2,778	SF	1	MICHAEL J & RITA A HIGGINS
231001750000	SHIRLEY A & TIMMY R ANDERSON		455 SCOTT STREET	\$23,300	\$92,600	\$115,900		No	4,373	SF	1	SHIRLEY A & TIMMY R ANDERSON
231002760000	ARLENE FEHRING		459 SCOTT STREET	\$21,100	\$92,500	\$113,600		No	1,966	SF	1	ARLENE FEHRING
231002770000	THOMAS A WATERS		460 CLAY STREET	\$23,000	\$3,600	\$26,600		No	1,228	SF	1	THOMAS A WATERS
231002790000	MICHAEL G & MARLENE M ERICH TRUST			\$13,200	\$0	\$13,200		No	0	U	0	MICHAEL G & MARLENE M ERICH TRUST
231002840000	TIMOTHY D & JENNIFER M BLACK LIVING TRUST		540 SOUTH STREET	\$19,600	\$114,900	\$134,500		No	3,284	SF	1	TIMOTHY D & JENNIFER M BLACK LIVING TRUST
231002850000	CHRISTOPHER GIESE	KIMBERLY GIESE	544 SOUTH STREET	\$19,600	\$56,700	\$76,300		No	2,655	SF	1	CHRISTOPHER GIESE
231001860000	KELLY A NOSIK		548 SOUTH STREET	\$25,100	\$48,700	\$73,800		No	2,414	SF	1	KELLY A NOSIK
231002870000	CHRISTOPHER R ERICKSON	ALICIA A JENNINS	545 HILL STREET	\$29,400	\$58,600	\$88,000		No	3,383	SF	1	CHRISTOPHER R ERICKSON
231001880000	EILEEN KOEPPEN		541 HILL STREET	\$20,300	\$69,700	\$90,000		No	2,698	SF	1	EILEEN KOEPPEN
231002890000	PHILLIP A & DIANE E DAHLING		538 HILL STREET	\$18,800	\$65,800	\$84,600		No	3,156	SF	1	PHILLIP A & DIANE E DAHLING
231002900000	STEVEN GALSTER		542 HILL STREET	\$25,700	\$120,700	\$146,400		No	3,560	SF	1	STEVEN GALSTER
231002910000	HELEN M SMITH		544 HILL STREET	\$25,700	\$101,700	\$127,400		No	2,497	SF	1	HELEN M SMITH
231002970000	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	246	NR	1	CITY OF GREEN LAKE
231002930000	CITY OF GREEN LAKE		557 LAKE STREET	\$0	\$0	\$0	X4	Yes	39,878	NR	9	CITY OF GREEN LAKE
231002940000	DAVID W & SHELBY Y SHOHONEY		549 SOUTH STREET	\$17,400	\$121,100	\$138,500		No	4,253	SF	1	DAVID W & SHELBY Y SHOHONEY
231002950000	LESLIE R WOOD		496 WALKER AVENUE	\$24,000	\$99,400	\$123,400		No	2,318	SF	1	LESLIE R WOOD
231002960000	DAVID W & SHELBY Y SHOHONEY			\$20,700	\$0	\$20,700		No	0	U	0	DAVID W & SHELBY Y SHOHONEY
231002970000	DENNIS & GENE R SELCHOW		490 WALKER AVENUE	\$20,200	\$78,700	\$98,900		No	4,096	SF	1	DENNIS & GENE R SELCHOW
231002990000	TED E & MARGIT C THOMPSON		535 SOUTH STREET	\$25,600	\$94,600	\$120,200		No	2,230	SF	1	TED E & MARGIT C THOMPSON
231003000000	STEPHEN M HUBER		489 WALKER AVENUE	\$24,300	\$121,600	\$145,900		No	5,050	SF	1	STEPHEN M HUBER
231003010000	MICHAEL D BROOKS		531 SOUTH STREET	\$31,900	\$88,700	\$120,600		No	4,093	SF	1	MICHAEL D BROOKS
231003020000	REGINA J FIURO		527 SOUTH STREET	\$22,400	\$78,300	\$100,700		No	4,202	SF	1	REGINA J FIURO
231003030000	HELICIA V BIERMAN	MICHAEL A DRAWIEC	525 SOUTH STREET	\$24,000	\$61,900	\$85,900		No	2,512	SF	1	HELICIA V BIERMAN
231003040000	SCOTT L WAGNER	GINA L CARPENTER	490 LAKE STREET	\$41,400	\$122,800	\$164,200		No	4,439	SF	1	SCOTT L WAGNER
231003050000	B KENT & EILEEN W BAUMAN REVOCABLE LIVING TRUST			\$51,800	\$0	\$51,800		No	9,093	NR	2	B KENT & EILEEN W BAUMAN REVOCABLE LIVING TRUST
231003050100	B KENT & EILEEN W BAUMAN REVOCABLE LIVING TRUST			\$17,000	\$0	\$17,000		No	3,788	NR	1	B KENT & EILEEN W BAUMAN REVOCABLE LIVING TRUST
231003060000	B KENT & EILEEN W BAUMAN REVOCABLE LIVING TRUST		513 SOUTH STREET	\$53,000	\$0	\$53,000		No	10,201	NR	2.3	B KENT & EILEEN W BAUMAN REVOCABLE LIVING TRUST
231003070000	STANLEY & KATHLEEN ARNETVEIT LIVING TRUST		509 SOUTH STREET	\$59,100	\$137,600	\$196,700		No	11,208	NR	2.5	STANLEY & KATHLEEN ARNETVEIT LIVING TRUST
231003080000	RAMZI BASHIR BAYDOUN REVOCABLE TRUST AGREEMENT	MARGARET LYNN BAYDOUN	484 BAYVIEW COURT	\$53,800	\$109,100	\$162,900		No	4,004	SF	1	RAMZI BASHIR BAYDOUN REVOCABLE TRUST AGREEMENT
231003080100	WAYNE M WALLSCHLAGER	EILEEN E WALLSCHLAGER	490 BAYVIEW COURT	\$48,600	\$95,800	\$144,400		No	5,846	SF	1	WAYNE M WALLSCHLAGER
231003090000	JON F LEIDER	RONALYN LEIDER	489 LAKE STREET	\$40,300	\$0	\$40,300		No	0	U	0	JON F LEIDER
231003100000	JOANNE SMITH		485 LAKE STREET	\$43,200	\$99,300	\$142,500		No	4,044	SF	1	JOANNE SMITH
231003110000	DANIEL J TEPPER		481 LAKE STREET	\$41,200	\$69,400	\$110,600		No	2,239	SF	1	DANIEL J TEPPER
231003120000	JON & SHARON MIREDNICH		477 LAKE STREET	\$27,100	\$128,900	\$156,000		No	3,510	SF	1	JON & SHARON MIREDNICH
231003130000	C CLYDE & MARCIA M BUCKSTAFF TRUST		477 BAYVIEW COURT	\$233,800	\$144,200	\$378,000		No	4,068	SF	1	C CLYDE & MARCIA M BUCKSTAFF TRUST
231003140000	HIGGINS LIVING FAMILY TRUST		480 BAYVIEW COURT	\$31,500	\$76,300	\$107,800		No	2,893	SF	1	HIGGINS LIVING FAMILY TRUST
231003150000	BRIAN R & MELANEE A BURNS DECLARATION OF TRUST		485 BAYVIEW COURT	\$41,900	\$104,000	\$145,900		No	2,638	SF	1	BRIAN R & MELANEE A BURNS DECLARATION OF TRUST
231003160000	THOMAS HALVERSON		489 BAYVIEW COURT	\$18,700	\$87,600	\$106,300		No	2,220	SF	1	THOMAS HALVERSON

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel ID	OWNERNAME1	OWNERNAME2	SITEADDRESS	LANDVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231003170000	WAYNE M WALLSCHLAEGER	GREEN E WALLSCHLAEGE	493 BAYVIEW COURT	\$9,600	\$20,400	\$30,000		No	1,313	SF	1	WAYNE M WALLSCHLAEGER
231003180000	LYNN ANNETTES LLC		496 BAYVIEW COURT	\$28,700	\$46,200	\$74,900		No	2,146	NR	1	LYNN ANNETTES LLC
231003190000	NBSL ACQUISITION INC			\$11,900	\$7,600	\$19,500		No	3,075	NR	1	NBSL ACQUISITION INC
231003200000	NBSL ACQUISITION INC		501 SOUTH STREET	\$66,600	\$134,500	\$201,100		No	4,319	NR	1	NBSL ACQUISITION INC
231003210000	CITY OF GREEN LAKE		491 SOUTH STREET	\$0	\$0	\$0	X4	Yes	7,830	NR	1.8	CITY OF GREEN LAKE
231003220100	WILLIAM CURRAN TRUST 76-3		490 S LAWSON DRIVE	\$135,000	\$197,800	\$332,800		No	34,837	MF	7.8	WILLIAM CURRAN TRUST 76-3
231003230000	SILVER CREEK VENTURES LLC		485 PARK DRIVE	\$525,000	\$745,400	\$1,270,400		No	16,975	MF	3.8	SILVER CREEK VENTURES LLC
231003240000	SCOTT J & MARY JO JOHNSON		497 S LAWSON DRIVE	\$30,900	\$304,700	\$335,600		No	4,436	NR	1	SCOTT J & MARY JO JOHNSON
231003250000	ELIZABETH ANN PTACEK		457 SOUTH STREET	\$226,000	\$125,800	\$351,800		No	3,585	SF	1	ELIZABETH ANN PTACEK
231003310000	DAVID J ROESSL		453 SOUTH STREET	\$383,400	\$784,600	\$1,168,000		No	8,258	SF	1	DAVID J ROESSL
231003320000	SCOTT J & MARY JO JOHNSON		493 S LAWSON DRIVE	\$46,100	\$5,700	\$51,800		No	952	SF	1	SCOTT J & MARY JO JOHNSON
231003330000	SC PROPERTY MANAGEMENT LLC GREEN LAKE SERIES		489 S LAWSON DRIVE	\$44,900	\$159,500	\$204,400		No	4,544	SF	1	SC PROPERTY MANAGEMENT LLC GREEN LAKE SERIES
231003340000	SILVER CREEK VENTURES LLC		485 S LAWSON DRIVE	\$52,300	\$0	\$52,300		No	0	U	0	SILVER CREEK VENTURES LLC
231003350000	CITY OF GREEN LAKE		459 S LAWSON DRIVE	\$0	\$0	\$0	X4	Yes	7,147	NR	1.6	CITY OF GREEN LAKE
231003360000	CHRISTINE L KEFER		473 LAKE STREET	\$39,700	\$0	\$39,700		No	0	U	0	CHRISTINE L KEFER
231003370000	CHRISTINE L KEFER		475 LAKE STREET	\$387,000	\$0	\$387,000		No	0	U	0	CHRISTINE L KEFER
231003380000	GUY C & D'ETTA L MC MILLAN		471 LAKE STREET	\$355,000	\$297,600	\$652,600		No	5,800	SF	1	GUY C & D'ETTA L MC MILLAN
231003390000	SILVER CREEK VENTURES LLC		467 LAKE STREET	\$42,500	\$0	\$42,500		No	2,151	NR	1	SILVER CREEK VENTURES LLC
231003400000	GREEN LAKE VENTURE INC		469 LAKE STREET	\$117,500	\$5,100	\$142,600		No	2,725	NR	1	GREEN LAKE VENTURE INC
231003410000	SILVER CREEK VENTURES LLC		461 LAKE STREET	\$403,000	\$109,500	\$512,500		No	13,692	NR	2.6	SILVER CREEK VENTURES LLC
231003420200	AUDREY M MYERS		459 LAKE STREET	\$145,000	\$179,000	\$324,000		No	27,717	MF	6.2	AUDREY M MYERS
231003430000	WILLIAM E & KATHRYN S MUNSEY		439 LAKE STREET	\$614,000	\$452,300	\$1,266,300		No	28,936	NR	6.5	WILLIAM E & KATHRYN S MUNSEY
231003440000	MARY ANN SCHULTZ		384 LAKE STREET	\$50,600	\$96,200	\$146,800		No	3,340	SF	1	MARY ANN SCHULTZ
231003470000	LESLIE C TREWYN		388 LAKE STREET	\$47,000	\$125,800	\$172,800		No	4,868	SF	1	LESLIE C TREWYN
231003480000	CHRISTIAN J & INGRID A TUNNING		390 LAKE STREET	\$50,600	\$153,300	\$203,900		No	5,236	SF	1	CHRISTIAN J & INGRID A TUNNING
231003490000	ARTHUR W & MARGARET M KORZENIEWSKI		394 LAKE STREET	\$36,100	\$83,300	\$119,400		No	1,204	SF	1	ARTHUR W & MARGARET M KORZENIEWSKI
231003500000	BRIAN J & D'LENE SANDLEBACK		550 HIGHWOCOPER TRAIL	\$60,400	\$143,700	\$404,100		No	9,585	SF	1	BRIAN J & D'LENE SANDLEBACK
231003510000	GL COTTAGE LLC		398 LAKE STREET	\$77,400	\$121,200	\$198,600		No	4,618	SF	1	GL COTTAGE LLC
231003520000	NICHOLSON REVOCABLE TRUST		402 LAKE STREET	\$60,100	\$199,100	\$259,200		No	5,131	SF	1	NICHOLSON REVOCABLE TRUST
231003520100	CATHOLIC CHURCH OUR LADY OF THE LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CATHOLIC CHURCH OUR LADY OF THE LAKE
231003530000	SANDRA K MILLER		408 LAKE STREET	\$30,200	\$131,400	\$161,600		No	3,832	SF	1	SANDRA K MILLER
231003530100	ANN M SANDERS		410 LAKE STREET	\$35,600	\$79,300	\$114,900		No	1,933	SF	1	ANN M SANDERS
231003540000	DONALD J & RITA GAGLIANO		531 RUTH STREET	\$15,800	\$86,600	\$102,400		No	2,566	SF	1	DONALD J & RITA GAGLIANO
231003550000	CONGREGATION OUR LADY OF THE LAKE			\$0	\$0	\$0	X4	Yes	940	NR	1	CONGREGATION OUR LADY OF THE LAKE
231003550100	CATHOLIC CHURCH OUR LADY OF THE LAKE			\$0	\$0	\$0	X4	Yes	17,605	NR	4	CATHOLIC CHURCH OUR LADY OF THE LAKE
231003560000	CONGREGATION OUR LADY OF THE LAKE			\$0	\$0	\$0	X4	Yes	1,498	NR	1	CONGREGATION OUR LADY OF THE LAKE
231003570000	CATHOLIC CHURCH OUR LADY OF THE LAKE			\$0	\$0	\$0	X4	Yes	1,604	NR	1	CATHOLIC CHURCH OUR LADY OF THE LAKE
231003580000	SCOTT ROWLEY		426 LAKE STREET	\$53,500	\$92,700	\$146,200		No	4,373	SF	1	SCOTT ROWLEY
231003600000	LESLIE A ROTH		430 LAKE STREET	\$48,000	\$120,800	\$168,800		No	6,301	SF	1	LESLIE A ROTH
231003610000	PEACE LUTHERAN CHURCH		440 LAKE STREET	\$0	\$0	\$0	X4	Yes	51,639	NR	11.6	PEACE LUTHERAN CHURCH
231003620000	RICHARD L & RENEE T VOGT		458 LAKE STREET	\$62,300	\$144,300	\$206,600		No	6,906	SF	1	RICHARD L & RENEE T VOGT
231003630000	STEVEN A & BARBARA J STAHL		462 LAKE STREET	\$57,300	\$101,200	\$158,500		No	4,349	SF	1	STEVEN A & BARBARA J STAHL



Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel ID	OWNER/MAIL	OWNER/MAIL	SITE ADDRESS	LAND VALUE	IMP VALUE	TOTAL VALUE	AUX CLASS	Assessed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231003640000	GDK GL LLC		468 LAKE STREET	\$51,700	\$126,000	\$177,700		No	4,110	SF	1	GDK GL LLC
231003650100	JOHN E WATTERS	SARAH ANN WATTERS	472 LAKE STREET	\$55,100	\$67,100	\$122,200		No	3,500	SF	1	JOHN E WATTERS
231003660000	JAMES H SLAVIN JR			\$7,000	\$0	\$7,000		No	0	U	0	JAMES H SLAVIN JR
231003670000	ROBERT M PROVO	DOROTHY V BLANKENSHI		\$17,600	\$0	\$17,600		No	382	SF	1	ROBERT M PROVO
231003680000	DONALD R ZAIKI	SUZU L ZAIKI	478 LAKE STREET	\$42,100	\$193,700	\$235,800		No	2,546	SF	1	DONALD R ZAIKI
231003690000	MICHAEL D & ANNETTE J RATTER		482 LAKE STREET	\$46,100	\$139,500	\$185,600		No	4,299	SF	1	MICHAEL D & ANNETTE J RATTER
231003700000	SEAN ENGBRETSON	THOMAS E & ANGELINA	605 SOUTH STREET	\$38,400	\$85,600	\$124,000		No	3,974	SF	1	SEAN ENGBRETSON
231003700100	JOHN ROSKOS LLC		609 SOUTH STREET	\$81,500	\$421,300	\$502,800		No	22,973	MF	5.2	JOHN ROSKOS LLC
231003710000	JANE ELLEN LIND		597 SOUTH STREET	\$25,900	\$116,600	\$142,500		No	2,717	SF	1	JANE ELLEN LIND
231003710100	NICOLE M SCHUMACHER		488 UNION STREET	\$28,300	\$61,700	\$90,000		No	4,971	SF	1	NICOLE M SCHUMACHER
231003720000	DOUGLAS G & CONNIE J FEULING		565 SOUTH STREET	\$32,700	\$144,100	\$176,800		No	6,145	D	2	DOUGLAS G & CONNIE J FEULING
231003730000	TIMOTHY D & JENNIFER M BLACK LIVING TRUST			\$64,700	\$0	\$64,700		No	0	U	0	TIMOTHY D & JENNIFER M BLACK LIVING TRUST
231003730100	JAMES A & NORENE SEAMAN		561 SOUTH STREET	\$21,400	\$130,200	\$151,600		No	5,046	SF	1	JAMES A & NORENE SEAMAN
231003730200	TIMOTHY D & JENNIFER M BLACK LIVING TRUST		553 SOUTH STREET	\$45,200	\$3,300	\$48,500		No	4,417	SF	1	TIMOTHY D & JENNIFER M BLACK LIVING TRUST
231003730300	JAMES A & NORENE SEAMAN			\$7,800	\$0	\$7,800		No	0	U	0	JAMES A & NORENE SEAMAN
231003740000	TIMOTHY D & JENNIFER M BLACK LIVING TRUST		556 SHERWOOD LANE	\$31,400	\$0	\$31,400		No	0	U	0	TIMOTHY D & JENNIFER M BLACK LIVING TRUST
231003740100	NANCY L WELLS		552 SHERWOOD LANE	\$31,500	\$0	\$31,500		No	0	U	0	NANCY L WELLS
231003770100	DARREN G NELSON	LISA R STARR-NELSON	590 ILLINOIS AVENUE	\$48,900	\$151,100	\$200,000		No	4,030	SF	1	DARREN G NELSON
231003770200	NED T SEELHORST		570 ILLINOIS AVENUE	\$37,000	\$96,800	\$133,800		No	2,762	SF	1	NED T SEELHORST
231003770300	BRIAN E BADTKE		433 UNION STREET	\$15,400	\$89,000	\$104,400		No	2,067	SF	1	BRIAN E BADTKE
231003800100	RANDY JACOB			\$2,600	\$0	\$2,600		No	0	U	0	RANDY JACOB
231003800200	SHARON L MOLONEY		596 DEMOSS ROAD	\$26,300	\$116,000	\$142,300		No	4,021	SF	1	SHARON L MOLONEY
231003800300	JAMES L ROBERTS JR	SHARI J ROBERTS	610 DEMOSS ROAD	\$17,000	\$0	\$17,000		No	0	U	0	JAMES L ROBERTS JR
231003800400	JAMES L JR & SHARI J ROBERTS		604 DEMOSS ROAD	\$34,800	\$135,500	\$170,300		No	4,473	SF	1	JAMES L JR & SHARI J ROBERTS
231003800500	JAMES L JR & SHARI J ROBERTS		606 DEMOSS ROAD	\$31,500	\$106,100	\$137,600		No	2,437	SF	1	JAMES L JR & SHARI J ROBERTS
231003800600	WALTER P & MICHELE M SZKWARD		442 UNION STREET	\$20,700	\$61,600	\$82,300		No	2,537	SF	1	WALTER P & MICHELE M SZKWARD
231003800700	THOMAS O'CALLAGHAN TRUST		446 UNION STREET	\$21,500	\$83,900	\$105,400		No	2,577	SF	1	THOMAS O'CALLAGHAN TRUST
231003800800	RANDALL K JACOB	EMMA N JACOB	450 UNION STREET	\$2,200	\$0	\$2,200		No	0	U	0	RANDALL K JACOB
231003810000	RANDALL K JACOB	EMMA N JACOB	456 UNION STREET	\$20,300	\$0	\$20,300		No	0	U	0	RANDALL K JACOB
231003820000	ORLO A BIERMAN	DANIEL F BIERMAN		\$26,200	\$0	\$26,200		No	0	U	0	ORLO A BIERMAN
231003820100	BALLWEG PROPERTIES LLC		602 HALBERT STREET	\$23,100	\$87,600	\$110,700		No	2,985	SF	1	BALLWEG PROPERTIES LLC
231003820200	KAREN A LEVONOWICZ	RICHARD K MAY	603 HALBERT STREET	\$95,200	\$91,000	\$126,200		No	4,534	SF	1	KAREN A LEVONOWICZ
231003820300	JAMES E & PATRICIA A CERNAUSKE		474 UNION STREET	\$23,200	\$105,900	\$129,100		No	3,017	SF	1	JAMES E & PATRICIA A CERNAUSKE
231003820400	FRED M & CLAUDETTE T PINKOWSKI		604 HALBERT STREET	\$23,100	\$95,300	\$118,400		No	2,199	SF	1	FRED M & CLAUDETTE T PINKOWSKI
231003830100	ROBERT A MALZHAN II	SANDRA L MALZHAN	478 UNION STREET	\$34,200	\$30,400	\$64,600		No	2,122	SF	1	ROBERT A MALZHAN II
231003840200	TUSCUMBIA LAND CORPORATION		680 ILLINOIS AVENUE	\$627,000	\$673,000	\$1,300,000		No	113,180	NR	25.4	TUSCUMBIA LAND CORPORATION
231003840300	ROBERT A MALZHAN		484 UNION STREET	\$45,400	\$82,100	\$127,500		No	7,486	SF	1	ROBERT A MALZHAN
231003840400	SOUTH STREET PARTNERS INC		640 FIDDLEHEAD COURT	\$46,100	\$0	\$46,100		No	0	U	0	SOUTH STREET PARTNERS INC
231003840500	DEBRA A ROBERTS		630 FIDDLEHEAD COURT	\$50,100	\$0	\$50,100		No	0	U	0	DEBRA A ROBERTS
231003840600	SOUTH STREET PARTNERS INC		631 FIDDLEHEAD COURT	\$46,500	\$0	\$46,500		No	0	U	0	SOUTH STREET PARTNERS INC
231003840700	SOUTH STREET PARTNERS INC		641 FIDDLEHEAD COURT	\$38,800	\$0	\$38,800		No	0	U	0	SOUTH STREET PARTNERS INC
231003840800	SOUTH STREET PARTNERS INC			\$405,500	\$0	\$405,500		No	366	NR	1	SOUTH STREET PARTNERS INC

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
ParcelNum	OWNERNAME1	OWNERNAME2	SITEADDRESS	LNCHVALUE	IMPVALUE	TOTAL VALUE	AIRCCLASS	Assumed Exempt	Impervious Area (sq Ft)	SWU Land Use	Calculated ERUs	Grouped Name
231003840900	SOUTH STREET PARTNERS INC			\$235,800	\$0	\$235,800		No	0	U	0	SOUTH STREET PARTNERS INC
231003841000	SOUTH STREET PARTNERS INC			\$530,200	\$0	\$530,200		No	0	U	0	SOUTH STREET PARTNERS INC
231003850000	WILLIAM L & AMY PIPHO		613 ILLINOIS AVENUE	\$53,700	\$167,600	\$221,300		No	8,530	SF	1	WILLIAM L & AMY PIPHO
231003860000	JOHN C & JOAN A TRUSTS COLE		607 ILLINOIS AVENUE	\$741,500	\$129,800	\$871,300		No	2,153	SF	1	JOHN C & JOAN A TRUSTS COLE
231003870000	DENNIS E & CHRISTINE CARROLL		609 ILLINOIS AVENUE	\$17,300	\$203,200	\$220,500		No	4,949	SF	1	DENNIS E & CHRISTINE CARROLL
231003880000	MATTHEW T PHELAN TRUST	MICHELLE PHELAN TRUS	607 ILLINOIS AVENUE	\$852,000	\$46,000	\$898,000		No	4,873	SF	1	MATTHEW T PHELAN TRUST
231003900000	NINA H DONNELLEY		605 ILLINOIS AVENUE	\$65,900	\$0	\$65,900		No	0	U	0	NINA H DONNELLEY
231003900100	NINA H DONNELLEY		607 ILLINOIS AVENUE	\$53,800	\$428,900	\$482,700		No	7,815	SF	1	NINA H DONNELLEY
231003910000	THOMAS FAMILY LTD PARTNERSHIP		607 ILLINOIS AVENUE	\$723,000	\$124,000	\$847,000		No	10,904	SF	1	THOMAS FAMILY LTD PARTNERSHIP
231003930000	ROBERT L PANTHER	JANE M PANTHER	607 ILLINOIS AVENUE	\$698,300	\$121,200	\$819,500		No	7,121	SF	1	ROBERT L PANTHER
231003950000	JUSTIN C FOLEY REVOCABLE TRUST		555 ILLINOIS AVENUE	\$813,000	\$0	\$813,000		No	0	U	0	JUSTIN C FOLEY REVOCABLE TRUST
231003950100	ERIN M FOLEY		559 ILLINOIS AVENUE	\$813,000	\$948,600	\$1,761,600		No	13,527	SF	1	ERIN M FOLEY
231003960000	LESA V MARQUARDT TRUST		545 ILLINOIS AVENUE	\$1,485,000	\$580,400	\$2,065,400		No	19,054	SF	1	LESA V MARQUARDT TRUST
231003960100	DAVID A RAMMELT		549 ILLINOIS AVENUE	\$858,500	\$357,700	\$1,216,200		No	10,872	SF	1	DAVID A RAMMELT
231003970000	525 ILLINOIS AVE LLC		525 ILLINOIS AVENUE	\$1,092,500	\$947,900	\$2,040,400		No	10,251	SF	1	525 ILLINOIS AVE LLC
231003970200	EJMDM FAMILY LIMITED PARTNERSHIP		535 ILLINOIS AVENUE	\$787,000	\$604,000	\$1,391,000		No	9,331	SF	1	EJMDM FAMILY LIMITED PARTNERSHIP
231003980000	MARGE BOSTELMANN		615 ILLINOIS AVENUE	\$47,200	\$161,300	\$208,500		No	4,652	SF	1	MARGE BOSTELMANN
231003980100	W SCOTT BLAKE		617 ILLINOIS AVENUE	\$55,100	\$0	\$55,100		No	3,067	NR	1	W SCOTT BLAKE
231003980200	W SCOTT BLAKE		621 ILLINOIS AVENUE	\$863,000	\$219,200	\$1,082,200		No	4,910	SF	1	W SCOTT BLAKE
231003990000	MARY E CYRIER	M JOHN MASON	623 ILLINOIS AVENUE	\$930,000	\$339,500	\$1,269,500		No	15,626	SF	1	MARY E CYRIER
231003990100	WILLIAM J & JACKIE J BRUNN		611 ILLINOIS AVENUE	\$53,500	\$201,900	\$255,400		No	5,159	SF	1	WILLIAM J & JACKIE J BRUNN
231003990200	ANDREW A MAES	CLAIRE D MAES	629 ILLINOIS AVENUE	\$962,500	\$381,500	\$1,344,000		No	17,216	NR	3.9	ANDREW A MAES
231003990300	HILL G HENNING		627 ILLINOIS AVENUE	\$41,900	\$154,800	\$196,700		No	3,961	SF	1	HILL G HENNING
231004000000	KAY PETTACK BENGEL		625 ILLINOIS AVENUE	\$55,000	\$118,200	\$173,200		No	4,355	SF	1	KAY PETTACK BENGEL
231004000200	RYAN M & LOHI M MEIBORG		630 ILLINOIS AVENUE	\$67,700	\$249,700	\$317,400		No	6,491	SF	1	RYAN M & LOHI M MEIBORG
231004000300	CHRISTOPHOR M & SHARON K OGLE		618 ILLINOIS AVENUE	\$50,200	\$144,800	\$195,000		No	3,751	SF	1	CHRISTOPHOR M & SHARON K OGLE
231004000400	SOUTH STREET PARTNERS INC		419 HIGHKNOCKER TRAIL	\$449,500	\$123,700	\$573,200		No	48,279	NR	10.0	SOUTH STREET PARTNERS INC
231004000500	THOMAS M & BETHANN H VAUBEL		626 ILLINOIS AVENUE	\$47,500	\$200,400	\$247,900		No	5,178	SF	1	THOMAS M & BETHANN H VAUBEL
231004000700	GREEN LAKE VENTURE INC		653 ILLINOIS AVENUE	\$752,500	\$3,157,900	\$3,910,400		No	187,371	NR	42.1	GREEN LAKE VENTURE INC
231004001200	GREEN LAKE VENTURE INC		643 ILLINOIS AVENUE	\$2,525,000	\$5,751,800	\$8,276,800		No	113,313	NR	25.5	GREEN LAKE VENTURE INC
231004001400	SOUTH STREET PARTNERS INC			\$65,600	\$0	\$65,600		No	0	U	0	SOUTH STREET PARTNERS INC
231004001500	SOUTH STREET PARTNERS INC		410 TRILLIUM CIRCLE	\$272,600	\$3,122,600	\$3,395,200		No	40,680	NR	9.3	SOUTH STREET PARTNERS INC
231004010000	ORVILLE J KITTEL		429 EATON STREET	\$22,200	\$130,600	\$152,800		No	3,467	SF	1	ORVILLE J KITTEL
231004020000	ROMELDA CONDON		430 UNION STREET	\$22,200	\$123,700	\$145,900		No	3,602	SF	1	ROMELDA CONDON
231004030000	DANIEL J & SHELLY B LUECK		426 UNION STREET	\$22,200	\$102,800	\$125,000		No	2,942	SF	1	DANIEL J & SHELLY B LUECK
231004040000	JOHN D TALBOT	MARIE A TALBOT	425 EATON STREET	\$22,200	\$94,100	\$116,300		No	2,781	SF	1	JOHN D TALBOT
231004050000	KENNETH R & BARBARA FRIEND		421 EATON STREET	\$22,200	\$128,000	\$150,200		No	4,044	SF	1	KENNETH R & BARBARA FRIEND
231004060000	MICHAEL J BEHR		420 UNION STREET	\$22,200	\$115,800	\$138,000		No	4,732	SF	1	MICHAEL J BEHR
231004070000	EDWARD P & DONNA M BRENNAN		416 UNION STREET	\$22,200	\$106,800	\$129,000		No	3,401	SF	1	EDWARD P & DONNA M BRENNAN
231004080000	ROBERT H & MARY A HRUBEC		417 EATON STREET	\$22,200	\$103,700	\$125,900		No	3,134	SF	1	ROBERT H & MARY A HRUBEC
231004090000	DANIELLE M LURVEY		411 EATON STREET	\$22,200	\$114,900	\$137,100		No	3,070	SF	1	DANIELLE M LURVEY
231004100000	WARD J JR & SHARON J ERICKSON		417 UNION STREET	\$22,200	\$111,800	\$134,000		No	3,441	SF	1	WARD J JR & SHARON J ERICKSON



Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel Number	OWNER/NAME1	OWNER/NAME2	STREET/ADDRESS	LAND VALUE	IMP VALUE	TOTAL VALUE	AUX CLASS	Assessed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231004110000	DANIEL J & TINA M CIUKAJ		408 UNION STREET	\$22,200	\$114,700	\$136,900		No	3,357	SF	1	DANIEL J & TINA M CIUKAJ
231004120000	JUDITH JONES		407 EATON STREET	\$22,200	\$77,700	\$99,900		No	3,026	SF	1	JUDITH JONES
231004130000	JAMES J & RITA D BOLLINI		403 EATON STREET	\$22,200	\$108,400	\$130,600		No	3,614	SF	1	JAMES J & RITA D BOLLINI
231004140000	ELIZABETH D SAGARTZ LIVING TRUST		402 UNION STREET	\$22,200	\$125,800	\$148,000		No	2,953	SF	1	ELIZABETH D SAGARTZ LIVING TRUST
231004150000	ROBERT H & CAROL L HALSEY		398 UNION STREET	\$22,200	\$154,000	\$176,200		No	3,838	SF	1	ROBERT H & CAROL L HALSEY
231004160000	CLAIR & JANICE KAATZ		397 EATON STREET	\$22,200	\$127,800	\$150,000		No	3,459	SF	1	CLAIR & JANICE KAATZ
231004170000	FREDERICK KNOBLOCH		395 EATON STREET	\$30,800	\$159,000	\$189,800		No	3,964	SF	1	FREDERICK KNOBLOCH
231004180000	EUGENE B & RANA M PAZELLI		394 UNION STREET	\$22,200	\$102,600	\$124,800		No	3,414	SF	1	EUGENE B & RANA M PAZELLI
231004190000	SIGRID A SHOOK	MILDRED A SHOOK	390 UNION STREET	\$22,200	\$100,900	\$123,100		No	2,458	SF	1	SIGRID A SHOOK
231004210000	DIANA WINN GALSTER		426 EATON STREET	\$22,200	\$103,700	\$125,900		No	2,362	SF	1	DIANA WINN GALSTER
231004220000	DOLORES A LADWYG		424 EATON STREET	\$22,200	\$119,300	\$141,500		No	3,409	SF	1	DOLORES A LADWYG
231004230000	MARLENE BENNETT	KATHLEEN A DIGREGORIO	422 EATON STREET	\$22,200	\$126,200	\$148,400		No	4,051	SF	1	MARLENE BENNETT
231004240000	STEPHEN D & SALLY J MOORE		416 EATON STREET	\$22,200	\$141,600	\$163,800		No	3,783	SF	1	STEPHEN D & SALLY J MOORE
231004250000	JASON D SONNTAG		412 EATON STREET	\$22,200	\$123,900	\$146,100		No	3,570	SF	1	JASON D SONNTAG
231004260000	KENNETH S FOLBERG	WENDY A FOLBERG	408 EATON STREET	\$22,200	\$72,500	\$94,700		No	2,387	SF	1	KENNETH S FOLBERG
231004270000	KENNETH & MARGARET GIACOLETTO		400 EATON STREET	\$30,800	\$177,700	\$208,500		No	6,529	SF	1	KENNETH & MARGARET GIACOLETTO
231004290000	FREDERICK I TIETBOHL III REVOCABLE TRUST AGREEMENT		390 EATON STREET	\$30,800	\$138,500	\$169,300		No	3,765	SF	1	FREDERICK I TIETBOHL III REVOCABLE TRUST AGREEMENT
231004310000	THOMAS J SZUKALA		615 HIGHKNOCKER TRAIL	\$25,200	\$0	\$25,200		No	0	U	0	THOMAS J SZUKALA
231004320000	JAMES A ROBERTS II		609 HIGHKNOCKER TRAIL	\$24,100	\$108,200	\$132,300		No	3,324	SF	1	JAMES A ROBERTS II
231004330000	THOMAS D & CAROLE G KJAS LIVING TRUST		603 HIGHKNOCKER TRAIL	\$29,200	\$133,600	\$162,800		No	3,603	SF	1	THOMAS D & CAROLE G KJAS LIVING TRUST
231004350000	THOMAS J HOCH	HOLLY D PRITZL	595 HIGHKNOCKER TRAIL	\$28,600	\$126,600	\$155,200		No	4,171	SF	1	THOMAS J HOCH
231004360000	CAROLE H PRISKE TRUST		596 ILLINOIS AVENUE	\$47,300	\$181,800	\$229,100		No	5,830	SF	1	CAROLE H PRISKE TRUST
231004370000	CAROLE H PRISKE TRUST			\$45,200	\$0	\$45,200		No	0	U	0	CAROLE H PRISKE TRUST
231004380000	DERREK E KINZEL	KELCEY K KINZEL	608 ILLINOIS AVENUE	\$43,100	\$172,400	\$215,500		No	3,641	SF	1	DERREK E KINZEL
231004390000	THOMAS J & GENE MARIE P SZUKALA		612 ILLINOIS AVENUE	\$49,700	\$128,600	\$178,300		No	5,208	SF	1	THOMAS J & GENE MARIE P SZUKALA
231004400000	TIMOTHY D & JENNIFER M BLACK LIVING TRUST			\$31,500	\$0	\$31,500		No	0	U	0	TIMOTHY D & JENNIFER M BLACK LIVING TRUST
231004410000	MARGARET G SCHULTZ		570 SHERWOOD LAKE	\$25,700	\$105,500	\$131,200		No	3,013	SF	1	MARGARET G SCHULTZ
231004430000	TIMOTHY D & JENNIFER M BLACK LIVING TRUST			\$26,800	\$0	\$26,800		No	0	U	0	TIMOTHY D & JENNIFER M BLACK LIVING TRUST
231004430100	JOSEPH A & JACQUELINE A SIMMERS		560 SHERWOOD LAKE	\$23,900	\$116,600	\$140,500		No	3,738	SF	1	JOSEPH A & JACQUELINE A SIMMERS
231004440000	KEITH A WADELL	RHONDA L WADELL		\$1,500	\$0	\$1,500		No	0	U	0	KEITH A WADELL
231004450000	KEITH A WADELL	RHONDA L WADELL		\$1,500	\$0	\$1,500		No	0	U	0	KEITH A WADELL
231004460000	KEITH A WADELL	RHONDA L WADELL		\$1,500	\$0	\$1,500		No	0	U	0	KEITH A WADELL
231004470000	JACQUELYN A COUVALL			\$8,200	\$0	\$8,200		No	0	U	0	JACQUELYN A COUVALL
231004480000	JACQUELYN A COUVALL			\$8,900	\$0	\$8,900		No	0	U	0	JACQUELYN A COUVALL
231004490100	JACQUELYN A COUVALL			\$8,500	\$0	\$8,500		No	0	U	0	JACQUELYN A COUVALL
231004500000	GEORGE JACK COUVALL	JACQUELYN A COUVALL		\$11,500	\$0	\$11,500		No	0	U	0	GEORGE JACK COUVALL
231004510000	GEORGE A COUVALL	JACQUELYN A COUVALL		\$10,900	\$0	\$10,900		No	0	U	0	GEORGE A COUVALL
231004520000	GEORGE JACK COUVALL	JACQUELYN A COUVALL		\$10,900	\$0	\$10,900		No	0	U	0	GEORGE JACK COUVALL
231004520100	LAURINE J ZWOLSKI		437 UNION STREET	\$21,800	\$103,800	\$125,600		No	3,529	SF	1	LAURINE J ZWOLSKI
231004530000	KEITH A WADELL	RHONDA L WADELL		\$18,300	\$0	\$18,300		No	0	U	0	KEITH A WADELL
231004540000	KEITH A WADELL	RHONDA L WADELL		\$14,800	\$0	\$14,800		No	0	U	0	KEITH A WADELL
231004550000	KEITH A WADELL	RHONDA L WADELL		\$24,700	\$0	\$24,700		No	0	U	0	KEITH A WADELL

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
ParcelID	OWNER1	OWNER2	SITEADDRESS	LADVALUE	IMPVALUE	TOTAL VALUE	ALDXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231004560000	HEDWIG A DUFFY		449 ERNEST STREET	\$23,500	\$100,800	\$124,300		No	3,864	SF	1	HEDWIG A DUFFY
231004570000	HEIDI J MASHUDA		443 ERNEST STREET	\$23,400	\$134,300	\$157,700		No	4,791	SF	1	HEIDI J MASHUDA
231004580000	STEFAN A JANKOWSKI		437 ERNEST STREET	\$23,500	\$75,700	\$99,200		No	2,678	SF	1	STEFAN A JANKOWSKI
231004590000	DOUGLAS JAMES CURTIS		563 SHERWOOD LANE	\$30,900	\$29,600	\$60,500		No	3,139	SF	1	DOUGLAS JAMES CURTIS
231004600000	KIM C & MARY K ALLEN		557 SHERWOOD LANE	\$22,600	\$68,000	\$90,600		No	2,468	SF	1	KIM C & MARY K ALLEN
231004610000	KIM C & MARY K ALLEN			\$36,500	\$0	\$36,500		No	0	U	0	KIM C & MARY K ALLEN
231005570000	GEORGE J & KAREN L LUDINGTON		286 FOREST AVENUE	\$637,500	\$290,300	\$927,800		No	9,966	SF	1	GEORGE J & KAREN L LUDINGTON
231005540000	CRAIG C CULVER SECONDARY QUALIFIED PERSONAL RESIDENCE TRUST	LEOLA R CULVER SECONDARY QUALIFIED PERSONAL RESIDENCE TRUST	288 FOREST AVENUE	\$930,000	\$459,100	\$1,389,100		No	14,206	SF	1	CRAIG C CULVER SECONDARY QUALIFIED PERSONAL RESIDENCE TRUST
231005550000	REISS LIVING TRUST		290 FOREST AVENUE	\$787,000	\$448,000	\$1,235,000		No	10,955	SF	1	REISS LIVING TRUST
231005560000	FRANS R & ELEANOR J ELIASON TRUST		292 FOREST AVENUE	\$800,000	\$216,500	\$1,016,500		No	8,719	SF	1	FRANS R & ELEANOR J ELIASON TRUST
231005570000	BETSY D DUSTMAN REVOCABLE TRUST	W SCOTT DUSTMAN REVOCABLE TRUST	294 FOREST AVENUE	\$800,000	\$216,500	\$1,016,500		No	9,461	SF	1	BETSY D DUSTMAN REVOCABLE TRUST
231005580000	THOMAS E CAESTECKER		296 FOREST AVENUE	\$1,457,500	\$588,700	\$2,046,200		No	13,385	SF	1	THOMAS E CAESTECKER
231005750000	DAVID B KATHLEEN GREENING		372 S LAWSON DRIVE	\$722,000	\$237,700	\$959,700		No	7,133	NR	1.6	DAVID B KATHLEEN GREENING
231005750100	DAVID B KATHLEEN GREENING		374 S LAWSON DRIVE	\$175,500	\$4,600	\$180,100		No	4,812	NR	1.1	DAVID B KATHLEEN GREENING
231005760000	JOHN P & CATHERINE J JENNINGS		364 FOREST AVENUE	\$800,000	\$597,700	\$1,397,700		No	8,171	SF	1	JOHN P & CATHERINE J JENNINGS
231005770000	HARRY & SUZANNE C BIELINSKI REVOCABLE TRUST		360 FOREST AVENUE	\$800,000	\$168,300	\$968,300		No	11,038	SF	1	HARRY & SUZANNE C BIELINSKI REVOCABLE TRUST
231005780000	2013 GREEN LAKE IRREVOCABLE TRUST		356 FOREST AVENUE	\$800,000	\$414,700	\$1,214,700		No	11,189	SF	1	2013 GREEN LAKE IRREVOCABLE TRUST
231005790000	JOHN C & BEVERLY A WILSON TRUST		352 FOREST AVENUE	\$832,500	\$225,400	\$1,057,900		No	11,799	SF	1	JOHN C & BEVERLY A WILSON TRUST
231005800000	MICHAEL E & ROBERTA A SCHOMMER		346 FOREST AVENUE	\$767,500	\$318,300	\$1,085,800		No	11,968	SF	1	MICHAEL E & ROBERTA A SCHOMMER
231005810000	GREEN LAKE POODLE PROPERTIES LLC		342 FOREST AVENUE	\$806,500	\$618,100	\$1,424,600		No	14,063	SF	1	GREEN LAKE POODLE PROPERTIES LLC
231005820000	ROBERT E & KARLA A SPINKS		338 FOREST AVENUE	\$800,000	\$410,900	\$1,210,900		No	9,845	SF	1	ROBERT E & KARLA A SPINKS
231005830100	C EDWIN & KRISTIN L STARR		334 FOREST AVENUE	\$1,060,000	\$352,700	\$1,411,700		No	10,743	SF	1	C EDWIN & KRISTIN L STARR
231005840100	PAUL NEVILLS TRUST		330 FOREST AVENUE	\$1,060,000	\$365,300	\$1,425,300		No	10,327	SF	1	PAUL NEVILLS TRUST
231005850000	EXCLUSIVE COMPANY CORP		328 FOREST AVENUE	\$540,000	\$181,900	\$721,900		No	2,463	SF	1	EXCLUSIVE COMPANY CORP
231005850100	UTE HELLER O'MALLEY TRUST		324 FOREST AVENUE	\$605,000	\$276,100	\$881,100		No	3,500	SF	1	UTE HELLER O'MALLEY TRUST
231005860000	THOMAS T & ELDISE P WISCDMB		320 FOREST AVENUE	\$670,000	\$288,300	\$958,300		No	8,122	SF	1	THOMAS T & ELDISE P WISCDMB
231005870000	CARDLE M KOMAREK DECLARATION OF TRUST	GARY R KOMAREK LIVING TRUST	316 FOREST AVENUE	\$540,000	\$68,800	\$608,800		No	3,881	SF	1	CARDLE M KOMAREK DECLARATION OF TRUST
231005880000	MARGARET G O'KEEFE REVOCABLE TRUST		312 FOREST AVENUE	\$572,500	\$247,900	\$820,400		No	6,083	SF	1	MARGARET G O'KEEFE REVOCABLE TRUST
231005890000	SUZANNE S QUINN REVOCABLE LIVING TRUST		308 FOREST AVENUE	\$858,500	\$201,900	\$1,060,400		No	6,784	SF	1	SUZANNE S QUINN REVOCABLE LIVING TRUST
231005980000	MARK M KRAMER		429 NORTH STREET	\$47,400	\$113,600	\$161,000		No	6,119	SF	1	MARK M KRAMER
231005990000	JOAN A ERLERT		416 SCOTT STREET	\$36,000	\$98,100	\$134,100		No	6,929	SF	1	JOAN A ERLERT
231005990100	MELISSA A TADMAN		409 KING STREET	\$36,100	\$71,500	\$107,600		No	2,932	SF	1	MELISSA A TADMAN
231005990200	JULIE A MALLUEG		394 SCOTT STREET	\$37,400	\$74,600	\$112,000		No	3,928	SF	1	JULIE A MALLUEG
231005990300	TIMOTHY F CULLEN		392 SCOTT STREET	\$40,000	\$52,600	\$92,600		No	2,201	SF	1	TIMOTHY F CULLEN
231005990400	TIMOTHY F & MICHAEL J JANKOWSKI		211 S LAWSON DRIVE	\$61,200	\$111,400	\$172,600		No	13,670	SF	1	TIMOTHY F & MICHAEL J JANKOWSKI
231005990401	TIMOTHY F & MICHAEL J JANKOWSKI			\$1,300	\$0	\$1,300		No	0	U	0	TIMOTHY F & MICHAEL J JANKOWSKI
231005990403	MICHAEL J WHITE	PATRICIA C WHITE		\$12,500	\$0	\$12,500		No	0	U	0	MICHAEL J WHITE
231005990404	MICHAEL J WHITE	PATRICIA C WHITE	470 5TH 23	\$36,700	\$195,400	\$232,100		No	0	U	0	MICHAEL J WHITE
231005990405	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CITY OF GREEN LAKE
231005990500	MICHAEL J WHITE	PATRICIA C WHITE		\$13,300	\$0	\$13,300		No	0	U	0	MICHAEL J WHITE
231005990504	WILLIS CHAPEL POST AMERICAN LEGION			\$0	\$0	\$0	X4	Yes	3,593	NR	1	WILLIS CHAPEL POST AMERICAN LEGION
231005990508	LARRY L WISE	ELIZABETH A WISE	530 5TH 23	\$141,500	\$506,800	\$648,300		No	65,724	NR	14.8	LARRY L WISE

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel Number	OWNER1	OWNER2	SITEADDRESS	LANDVALUE	IMPVALUE	TOTAL VALUE	ALIASCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231005990508	MICHAEL J WHITE	PATRICIA C WHITE		\$8,100	\$0	\$8,100		No	539	NR	1	MICHAEL J WHITE
231005990509	RICHARD C CHRISTIAN JR			\$100	\$0	\$100		No	0	U	0	RICHARD C CHRISTIAN JR
231005990510	MICHAEL J WHITE	PATRICIA C WHITE		\$30,000	\$0	\$30,000		No	4,762	NR	1.1	MICHAEL J WHITE
231005990511	EILEEN F HARVEY TRUST			\$145,300	\$0	\$145,300		No	4,664	NR	1	EILEEN F HARVEY TRUST
231005990512	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CITY OF GREEN LAKE
231006000100	DANIEL F & LAURIE B TRICARCO		590 WILSON STREET	\$38,900	\$145,500	\$184,400		No	4,646	SF	1	DANIEL F & LAURIE B TRICARCO
231006000200	CHRISTOPHER R GRADY	ANGELA E GRADY	586 WILSON STREET	\$38,900	\$102,300	\$141,200		No	4,270	SF	1	CHRISTOPHER R GRADY
231006000300	BRIAN A & JULIE B KLINGBEIL		582 WILSON STREET	\$38,900	\$81,800	\$120,700		No	3,853	SF	1	BRIAN A & JULIE B KLINGBEIL
231006000400	NICHOLAS J LUEPTOW TRUST	PEDERSEN TRUST	576 WILSON STREET	\$38,900	\$120,600	\$159,500		No	3,525	SF	1	NICHOLAS J LUEPTOW TRUST
231006000500	MICHAEL W ALVIN	CAROL R ALVIN	565 W BAY COURT	\$38,900	\$127,100	\$166,000		No	4,039	SF	1	MICHAEL W ALVIN
231006000600	DENNIS J KALLAS	LINDA A KALLAS	591 WILSON STREET	\$38,900	\$174,200	\$213,100		No	3,870	SF	1	DENNIS J KALLAS
231006000700	JAMES E CARLEY SR	GEORGETTE CARLEY	587 WILSON STREET	\$38,900	\$124,600	\$163,500		No	3,046	SF	1	JAMES E CARLEY SR
231006000800	IRMA C EILER		406 PALMER AVENUE	\$38,900	\$103,300	\$142,200		No	3,893	SF	1	IRMA C EILER
231006000900	CHRISTINE L DALLMANN		393 SCOTT STREET	\$38,900	\$138,100	\$177,000		No	3,805	SF	1	CHRISTINE L DALLMANN
231006001000	ROBERT E & LECIA J BENSKE		387 SCOTT STREET	\$49,800	\$218,900	\$268,700		No	5,735	SF	1	ROBERT E & LECIA J BENSKE
231006001200	JOHN B BOSAK		375 SCOTT STREET	\$13,400	\$0	\$13,400		No	1,518	SF	1	JOHN B BOSAK
231006001300	JOHN B BOSAK		369 SCOTT STREET	\$42,600	\$148,500	\$191,100		No	5,106	SF	1	JOHN B BOSAK
231006001400	DENNIS R & DESTINA WALKER LIVING TRUST		370 PALMER AVENUE	\$30,300	\$119,600	\$149,900		No	4,193	SF	1	DENNIS R & DESTINA WALKER LIVING TRUST
231006001500	STEVEN J & CYNTHIA A SELTZNER		376 PALMER AVENUE	\$31,500	\$147,100	\$178,600		No	3,763	SF	1	STEVEN J & CYNTHIA A SELTZNER
231006001600	FRED A & NANCY J BARKE		382 PALMER AVENUE	\$38,900	\$162,200	\$201,100		No	1,317	NR	1	FRED A & NANCY J BARKE
231006001700	ROBERT E & CAROLE A KUJAWA		388 PALMER AVENUE	\$38,900	\$222,500	\$261,400		No	5,649	SF	1	ROBERT E & CAROLE A KUJAWA
231006001800	RICH F & ARDELL SCHOEPHOESTER		394 PALMER AVENUE	\$38,900	\$124,800	\$163,700		No	3,974	SF	1	RICH F & ARDELL SCHOEPHOESTER
231006001900	ELAINE C CHANEY	WAYNE C CHANEY	405 PALMER AVENUE	\$74,700	\$161,100	\$235,800		No	4,479	SF	1	ELAINE C CHANEY
231006002100	MARY JENNINGS	JOHN JENNINGS	393 PALMER AVENUE	\$58,400	\$146,300	\$204,700		No	2,985	SF	1	MARY JENNINGS
231006002200	RICHARD E & MILDRED G BRUS JT REV AGMT		387 PALMER AVENUE	\$48,400	\$134,300	\$182,700		No	2,885	SF	1	RICHARD E & MILDRED G BRUS JT REV AGMT
231006002300	JAMES A & PATRICIA A LENSKI		383 PALMER AVENUE	\$54,500	\$0	\$54,500		No	0	U	0	JAMES A & PATRICIA A LENSKI
231006002400	JASON C REYSEN	DANIELLE M REYSEN	381 PALMER AVENUE	\$54,500	\$140,800	\$195,300		No	4,091	SF	1	JASON C REYSEN
231006002500	BRADFORD & SUZANNE RUTH		369 PALMER AVENUE	\$34,900	\$137,600	\$172,500		No	4,937	SF	1	BRADFORD & SUZANNE RUTH
231006002601	PENNY J REYES		500 NORTH STREET	\$28,500	\$80,400	\$108,900		No	2,874	SF	1	PENNY J REYES
231006002602	KAREN A ET AL EGAN		504 NORTH STREET	\$21,500	\$97,200	\$118,700		No	2,116	SF	1	KAREN A ET AL EGAN
231006002603	KATHY A KUHN		472 NORTH STREET	\$25,800	\$55,200	\$81,000		No	2,617	SF	1	KATHY A KUHN
231006002604	ARLENE J ALLEN		452 NORTH STREET	\$25,800	\$95,500	\$121,300		No	3,354	SF	1	ARLENE J ALLEN
231006002605	ROBERT D PAMENTER		468 NORTH STREET	\$27,800	\$79,500	\$107,300		No	3,658	SF	1	ROBERT D PAMENTER
231006002606	NOLAN G & CARLETTA J WALLENFANG REVOCABLE TRUST		540 NORTH STREET	\$165,300	\$508,700	\$674,000		No	29,589	NR	6.6	NOLAN G & CARLETTA J WALLENFANG REVOCABLE TRUST
231006002700	ALEX ZABEL		635 N LAWSON DRIVE	\$30,000	\$120,200	\$150,200		No	7,863	SF	1	ALEX ZABEL
231006002800	ALEX A ZABEL		649 N LAWSON DRIVE	\$104,100	\$0	\$104,100		No	2,156	NR	1	ALEX A ZABEL
231006002900	ALEX A ZABEL		651 N LAWSON DRIVE	\$34,200	\$0	\$34,200		No	0	U	0	ALEX A ZABEL
231006010000	JAMES W & ROXANA GRIM FAMILY TRUST			\$14,200	\$0	\$14,200		No	0	U	0	JAMES W & ROXANA GRIM FAMILY TRUST
231006010100	RAYMOND V RADIS	SUSAN S RADIS	566 WILSON STREET	\$250,000	\$186,300	\$436,300		No	6,261	SF	1	RAYMOND V RADIS
231006020000	CITY OF GREEN LAKE		451 S LAWSON DRIVE	\$0	\$0	\$0	X4	Yes	44,838	NR	10.1	CITY OF GREEN LAKE
231006030000	MAPLEWOOD ASSOCIATION LLC		400 WHITE OAKS STREET	\$16,600	\$0	\$16,600		No	1,066	NR	1	MAPLEWOOD ASSOCIATION LLC
231006030100	ENTRUST GROUP INC	THOMAS A DAYVA FBO	404 WHITE OAKS STREET	\$65,000	\$0	\$65,000		No	0	U	0	ENTRUST GROUP INC

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
ParcelID	OWNER01	OWNER02	SITEADDRESS	LANDVALUE	IMPVALUE	TOTAL VALUE	ALRCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231006030200	THOMAS A DAVIA	JEANNE H DAVIA	407 WHITE OAKS COURT	\$65,000	\$528,200	\$593,200		No	7,467	SF	1	THOMAS A DAVIA
231006030300	BERNICE H HURLEY REVOCABLE TRUST		410 WHITE OAKS COURT	\$175,000	\$553,900	\$728,900		No	6,256	SF	1	BERNICE H HURLEY REVOCABLE TRUST
231006030400	GEORGE & AMANDA HANLEY		414 WHITE OAKS COURT	\$175,000	\$0	\$175,000		No	0	U	0	GEORGE & AMANDA HANLEY
231006030500	KEVIN E PHILLIPS	ANNEE ENGELMAHN PH	420 WHITE OAKS COURT	\$175,000	\$508,500	\$683,500		No	6,913	SF	1	KEVIN E PHILLIPS
231006030600	RICHARD A & NANCY JANE SEVERSON LIVING TRUST		424 WHITE OAKS STREET	\$175,000	\$0	\$175,000		No	0	U	0	RICHARD A & NANCY JANE SEVERSON LIVING TRUST
231006030700	MATTHEW W JOHNSON REVOCABLE TRUST		428 WHITE OAKS STREET	\$175,000	\$431,000	\$606,000		No	4,863	SF	1	MATTHEW W JOHNSON REVOCABLE TRUST
231006030800	RYAN J HAYES		432 WHITE OAKS STREET	\$165,000	\$0	\$165,000		No	0	U	0	RYAN J HAYES
231006030900	GL MAPLEWOOD LLC		440 WHITE OAKS STREET	\$165,000	\$118,500	\$283,500		No	0	U	0	GL MAPLEWOOD LLC
231006031000	GL MAPLEWOOD LLC		444 WHITE OAKS STREET	\$165,000	\$0	\$165,000		No	0	U	0	GL MAPLEWOOD LLC
231006031100	GL MAPLEWOOD LLC		450 WHITE OAKS STREET	\$165,000	\$0	\$165,000		No	0	U	0	GL MAPLEWOOD LLC
231006031200	GL MAPLEWOOD LLC		454 WHITE OAKS STREET	\$165,000	\$0	\$165,000		No	0	U	0	GL MAPLEWOOD LLC
231006031300	GL MAPLEWOOD LLC		460 WHITE OAKS STREET	\$145,000	\$0	\$145,000		No	0	U	0	GL MAPLEWOOD LLC
231006031400	GL MAPLEWOOD LLC		467 BLUFF STREET	\$145,000	\$0	\$145,000		No	0	U	0	GL MAPLEWOOD LLC
231006031500	GL MAPLEWOOD LLC		463 BLUFF STREET	\$165,000	\$0	\$165,000		No	0	U	0	GL MAPLEWOOD LLC
231006031600	GL MAPLEWOOD LLC		459 BLUFF STREET	\$165,000	\$0	\$165,000		No	0	U	0	GL MAPLEWOOD LLC
231006031700	CATHERINE S RAMSAY TRUST		455 BLUFF STREET	\$165,000	\$528,800	\$693,800		No	5,025	SF	1	CATHERINE S RAMSAY TRUST
231006031800	MARY JO KLEPSCH REVOCABLE LIVING TRUST		451 BLUFF STREET	\$165,000	\$705,300	\$870,300		No	6,369	SF	1	MARY JO KLEPSCH REVOCABLE LIVING TRUST
231006031900	THOMAS A & LINDA J REISER		447 BLUFF STREET	\$165,000	\$0	\$165,000		No	0	U	0	THOMAS A & LINDA J REISER
231006032000	SANDRA E MONKEK REVOCABLE TRUST		443 BLUFF STREET	\$165,000	\$481,300	\$646,300		No	5,363	SF	1	SANDRA E MONKEK REVOCABLE TRUST
231006032100	GL MAPLEWOOD LLC		439 BLUFF STREET	\$165,000	\$0	\$165,000		No	0	U	0	GL MAPLEWOOD LLC
231006032200	GL MAPLEWOOD LLC		435 BLUFF STREET	\$155,000	\$0	\$155,000		No	0	U	0	GL MAPLEWOOD LLC
231006032300	GL MAPLEWOOD LLC		431 BLUFF STREET	\$115,000	\$0	\$115,000		No	0	U	0	GL MAPLEWOOD LLC
231006032400	CHRISTOPHER A MILLER	SUSAN A MILLER	436 BLUFF STREET	\$105,000	\$45,000	\$190,000		No	0	U	0	CHRISTOPHER A MILLER
231006032500	GL MAPLEWOOD LLC		440 BLUFF STREET	\$105,000	\$0	\$105,000		No	0	U	0	GL MAPLEWOOD LLC
231006032600	GL MAPLEWOOD LLC		444 BLUFF STREET	\$105,000	\$0	\$105,000		No	0	U	0	GL MAPLEWOOD LLC
231006032700	ROGER L BOEKE	SUE BOEKE	448 BLUFF STREET	\$155,000	\$510,500	\$665,500		No	10,381	SF	1	ROGER L BOEKE
231006032800	JOHN E III & SUSAN D SUSTER		454 BLUFF STREET	\$155,000	\$462,500	\$617,500		No	10,413	SF	1	JOHN E III & SUSAN D SUSTER
231006032900	RICHARD C CHRISTIAN JR	DEBRA B WALKER	458 BLUFF STREET	\$155,000	\$420,800	\$575,800		No	7,674	SF	1	RICHARD C CHRISTIAN JR
231006040100	CYNTHIA W CARPENTER	JEANETTE MARIE HECKER	331 S LAWSON DRIVE	\$49,600	\$139,400	\$189,000		No	5,978	SF	1	CYNTHIA W CARPENTER
231006050000	TERRENCE A & JOYCE S TR HAYES REV		365 S LAWSON DRIVE	\$56,900	\$152,500	\$209,400		No	5,664	SF	1	TERRENCE A & JOYCE S TR HAYES REV
231006060000	RONALD J PRYZDIA		367 S LAWSON DRIVE	\$38,100	\$125,600	\$163,700		No	3,480	SF	1	RONALD J PRYZDIA
231006070000	DENNIS JOHANNES ANNA DULISTERS	INGRID CAROLA VAN DEN	371 S LAWSON DRIVE	\$52,700	\$161,000	\$213,700		No	4,171	SF	1	DENNIS JOHANNES ANNA DULISTERS
231006080000	CHRISTINE A & WILLIAM J SEND		375 S LAWSON DRIVE	\$59,500	\$155,300	\$214,800		No	5,874	SF	1	CHRISTINE A & WILLIAM J SEND
231006090100	MICHAEL J & JILL T HAYEY		356 HAYES COURT	\$41,700	\$0	\$41,700		No	0	U	0	MICHAEL J & JILL T HAYEY
231006090101	MICHAEL J & JILL T HAYEY		360 HAYES COURT	\$43,900	\$0	\$43,900		No	0	U	0	MICHAEL J & JILL T HAYEY
231006090102	MICHAEL J & JILL T HAYEY		364 HAYES COURT	\$43,800	\$0	\$43,800		No	0	U	0	MICHAEL J & JILL T HAYEY
231006090200	SILVER CREEK VENTURES LLC			\$500	\$0	\$500		No	0	U	0	SILVER CREEK VENTURES LLC
231006090300	MAPLEWOOD ASSOCIATION LLC			\$1,000	\$0	\$1,000		No	0	U	0	MAPLEWOOD ASSOCIATION LLC
231006110000	RICHARD L TRUST SWANSON		359 HAYES COURT	\$46,800	\$418,400	\$465,200		No	5,276	SF	1	RICHARD L TRUST SWANSON
231006120000	JOHN E BURKE	MARY C BURKE	385 S LAWSON DRIVE	\$64,400	\$246,500	\$310,900		No	5,064	SF	1	JOHN E BURKE
231006120100	ROBERT MC MAHON		381 S LAWSON DRIVE	\$46,900	\$173,100	\$219,900		No	4,218	SF	1	ROBERT MC MAHON
231006130000	MICHAEL J & JILL T HAYEY		387 S LAWSON DRIVE	\$76,500	\$190,500	\$267,000		No	6,498	SF	1	MICHAEL J & JILL T HAYEY



Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data					
Parcel Number	OWNER/NAME1	OWNER/NAME2	SITE ADDRESS	LAND VALUE	IMP VALUE	TOTAL VALUE	AUX CLASS	Assessed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name	
231006140000	CITY OF GREEN LAKE		450 S LAWSON DRIVE	\$0	\$0	\$0	X4	Yes	8,411	NR	1.9	CITY OF GREEN LAKE	
231006150000	SILVER CREEK VENTURES LLC		186 S LAWSON DRIVE	\$976,500	\$261,900	\$1,238,400		No	17,974	NR	4	SILVER CREEK VENTURES LLC	
231006160100	SILVER CREEK VENTURES LLC		394 S LAWSON DRIVE	\$141,800	\$0	\$141,800		No	1,914	NR	1	SILVER CREEK VENTURES LLC	
231006180000	MOCKUS ENTERPRISES LLC		380 S LAWSON DRIVE	\$760,800	\$243,900	\$1,004,700		No	35,644	NR	8	MOCKUS ENTERPRISES LLC	
231006190100	KW LAND LLC			\$2,600	\$0	\$2,600		No	0	U	0	KW LAND LLC	
231006190101	CITY OF GREEN LAKE		759 COMMERCIAL AVENUE	\$0	\$0	\$0		Yes	70	NR	1	CITY OF GREEN LAKE	
231006190200	PHASE FIVE OF GREEN LAKE LLC		762 COMMERCIAL AVENUE	\$178,800	\$1,440,700	\$1,619,500		No	98,978	NR	22.2	PHASE FIVE OF GREEN LAKE LLC	
231006190300	GL CROSSROADS CONVENIENCE PROPERTIES LLC		760 COMMERCIAL AVENUE	\$91,100	\$607,200	\$698,300		No	53,363	NR	12	GL CROSSROADS CONVENIENCE PROPERTIES LLC	
231006200301	AGNESIAN HEALTHCARE INC		700 ENTERPRISE PLACE	\$211,000	\$0	\$211,000		No	0	U	0	AGNESIAN HEALTHCARE INC	
231006200400	ALEX A & ANN L ZABEL			\$141,800	\$0	\$141,800		No	0	U	0	ALEX A & ANN L ZABEL	
231006200500	ALEX A & ANN L ZABEL			\$5,200	\$0	\$5,200		No	0	U	0	ALEX A & ANN L ZABEL	
231006200601	ALEX A & ANN L ZABEL			\$3,600	\$0	\$3,600		No	0	U	0	ALEX A & ANN L ZABEL	
231006210102	MC CONNELL INVESTMENT REAL ESTATE LLC			\$100,000	\$0	\$100,000		No	68,810	NR	15.5	MCCONNELL INVESTMENT REAL ESTATE LLC	
231006210104	MC CONNELL INVESTMENT REAL ESTATE LLC			\$107,500	\$240,000	\$347,500		No	47,578	NR	10.7	MCCONNELL INVESTMENT REAL ESTATE LLC	
231006210105	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	5,495	NR	1.2	CITY OF GREEN LAKE	
231006210106	MCCONNELL INVESTMENT REAL ESTATE LLC		630 COMMERCIAL AVENUE	\$268,900	\$799,700	\$1,068,600		No	210,767	NR	47.4	MCCONNELL INVESTMENT REAL ESTATE LLC	
231006210201	SPRING GROVE HOLDINGS LLC		631 COMMERCIAL AVENUE	\$0	\$0	\$0		Yes	41,556	NR	9.3	SPRING GROVE HOLDINGS LLC	
231006210202	CITY OF GREEN LAKE		593 COMMERCIAL AVENUE	\$0	\$0	\$0	X4	Yes	1,043	NR	1	CITY OF GREEN LAKE	
231006210203	621 COMMERCIAL AVENUE LLC		621 COMMERCIAL AVENUE	\$100,000	\$470,000	\$570,000		No	19,188	NR	4.3	621 COMMERCIAL AVENUE LLC	
231006210204	L J REAS ENVIRONMENTAL CONSULTING CORPORATION		601 COMMERCIAL AVENUE	\$44,700	\$261,600	\$306,300		No	20,173	NR	4.5	L J REAS ENVIRONMENTAL CONSULTING CORPORATION	
231006210205	L J REAS ENVIRONMENTAL CONSULTING CORPORATION		595 COMMERCIAL AVENUE	\$40,600	\$0	\$40,600		No	0	U	0	L J REAS ENVIRONMENTAL CONSULTING CORPORATION	
231006210300	MEIBORG PROPERTIES LLC		750 SOUTH STREET	\$200,000	\$950,000	\$1,150,000		No	143,534	NR	32.3	MEIBORG PROPERTIES LLC	
231006210400	RAMON LLC		535 COMMERCIAL AVENUE	\$50,000	\$120,000	\$170,000		No	21,901	NR	4.9	RAMON LLC	
231006210500	MEIBORG PROPERTIES LLC		549 COMMERCIAL AVENUE	\$69,000	\$118,300	\$187,300		No	26,002	NR	5.8	MEIBORG PROPERTIES LLC	
231006210600	PETER B & NANCY K VANDERVELDE		534 COMMERCIAL AVENUE	\$100,000	\$238,600	\$338,600		No	58,734	NR	13.2	PETER B VANDERVELDE	
231006210700	JAMES L BRADLEY		770 SOUTH STREET	\$35,900	\$115,800	\$151,700		No	4,102	SF	1	JAMES L BRADLEY	
231006210800	ALEX A & ANN L ZABEL			\$4,100	\$0	\$4,100		No	0	U	0	ALEX A & ANN L ZABEL	
231006210801	LYDEO LLC			\$400	\$0	\$400		No	2,342	NR	1	LYDEO LLC	
231006210900	ALEX A & ANN L ZABEL			\$1,300	\$0	\$1,300		No	0	U	0	ALEX A & ANN L ZABEL	
231006211000	GREEN LAKE COUNTY		571 CTH A	\$0	\$0	\$0	X3	Yes	284,916	NR	64	GREEN LAKE COUNTY	
231006211100	COMMUNITY HEALTH NETWORK INC			\$154,600	\$0	\$154,600		No	0	U	0	COMMUNITY HEALTH NETWORK INC	
231006211200	COMMUNITY HEALTH NETWORK INC		670 CTH A	\$315,400	\$1,545,600	\$1,861,000		No	47,670	NR	10.7	COMMUNITY HEALTH NETWORK INC	
231006220000	H & E GREEN LAKE LLC		745 SOUTH STREET	\$132,300	\$919,000	\$1,051,300		No	132,440	NR	29.8	H & E GREEN LAKE LLC	
231006220100	KEVIN H SCHIPPMAN	GAR D SCHIPPMAN	747 SOUTH STREET	\$61,800	\$85,000	\$146,800		No	16,897	NR	3.8	KEVIN H SCHIPPMAN	
231006220200	HUNTER 3-5 PARTNERSHIP		493 GOLF HRL COURT	\$34,300	\$0	\$34,300		No	0	U	0	HUNTER 3-5 PARTNERSHIP	
231006220300	H & E GREEN LAKE LLC		745 SOUTH STREET	\$33,200	\$0	\$33,200		No	0	U	0	H & E GREEN LAKE LLC	
231006220400	241 COLONY LLC & 259 CARRIAGE LLC		809 SOUTH STREET	\$140,000	\$1,237,300	\$1,377,300		No	42,108	MF	9.5	241 COLONY LLC & 259 CARRIAGE LLC	
231006220500	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CITY OF GREEN LAKE	
231006220600	CITY OF GREEN LAKE			\$0	\$0	\$0	X4	Yes	0	U	0	CITY OF GREEN LAKE	
231006230000	TUSCUMBIA LAND CORPORATION		707 SOUTH STREET	\$485,800	\$914,200	\$1,500,000		No	39,359	NR	8.8	TUSCUMBIA LAND CORPORATION	
231006230100	JAMES P BEACH	STAR P LIETZ	659 SOUTH STREET	\$33,100	\$104,400	\$137,500		No	4,318	SF	1	JAMES P BEACH	
231006230200	TUSCUMBIA LAND CORPORATION		691 SOUTH STREET	\$93,000	\$139,800	\$232,800		No	14,137	MF	3.2	TUSCUMBIA LAND CORPORATION	

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel Num	OWNER#M01	OWNER#M02	SITEADDRESS	LNIDVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231006250000	BARBARA A BIRMINGHAM		353 FOREST AVENUE	\$79,000	\$185,000	\$264,000		No	4,247	SF	1	BARBARA A BIRMINGHAM
231006250100	GREEN LAKE CONSERVANCY FOUNDATION		361 FOREST AVENUE	\$2,000	\$0	\$2,000		No	0	U	0	GREEN LAKE CONSERVANCY FOUNDATION
231006260000	SELMAN ALIMI		304 S LAWSON DRIVE	\$120,800	\$128,800	\$249,600		No	7,040	SF	1	SELMAN ALIMI
231006270000	THOMAS WILLIAM HINZ		296 S LAWSON DRIVE	\$28,800	\$63,400	\$92,200		No	3,881	SF	1	THOMAS WILLIAM HINZ
231006280000	SELMAN ALIMI		316 S LAWSON DRIVE	\$23,200	\$0	\$23,200		No	0	U	0	SELMAN ALIMI
231006290000	JAMES P WEIGERT		341 FOREST AVENUE	\$87,500	\$151,200	\$238,700		No	8,955	SF	1	JAMES P WEIGERT
231006290100	JAMES M & LORRAINE ARRIVO		333 FOREST AVENUE	\$82,000	\$140,000	\$222,000		No	4,848	SF	1	JAMES M & LORRAINE ARRIVO
231006300000	ASHTORETH KEIPE		327 FOREST AVENUE	\$77,000	\$105,900	\$182,900		No	2,812	SF	1	ASHTORETH KEIPE
231006300100	MARILYN L JONES LIVING TRUST		323 FOREST AVENUE	\$79,600	\$0	\$79,600		No	0	U	0	MARILYN L JONES LIVING TRUST
231006310000	JANE A WELKE		319 FOREST AVENUE	\$80,000	\$101,700	\$181,700		No	5,134	SF	1	JANE A WELKE
231006320000	MICHAEL D BROOKS		315 FOREST AVENUE	\$80,000	\$122,000	\$202,000		No	7,387	SF	1	MICHAEL D BROOKS
231006340000	THOMAS E CAESTECKER		304 FOREST AVENUE	\$800,000	\$100	\$800,100		No	601	NN	1	THOMAS E CAESTECKER
231006350000	THOMAS TRUSTS		302 FOREST AVENUE	\$540,000	\$139,700	\$679,700		No	5,154	SF	1	THOMAS TRUSTS
231006360000	THOMAS E CAESTECKER		300 FOREST AVENUE	\$683,000	\$101,200	\$784,200		No	4,632	SF	1	THOMAS E CAESTECKER
231007010000	GERSTEIN FAMILY TRUST		566 W BAY COURT	\$164,800	\$184,700	\$349,500		No	3,245	SF	1	GERSTEIN FAMILY TRUST
231007020000	DAVID W & MICHELE J POLZER		570 W BAY COURT	\$143,800	\$183,100	\$326,900		No	4,710	SF	1	DAVID W & MICHELE J POLZER
231007030000	KENNETH A & DEBRA A SERBIN DECLARATION OF TRUST		574 W BAY COURT	\$135,900	\$147,000	\$282,900		No	4,278	SF	1	KENNETH A & DEBRA A SERBIN DECLARATION OF TRUST
231007040000	DENNIS M & JEANNE FITZGERALD		584 W BAY COURT	\$135,900	\$149,800	\$285,700		No	4,474	SF	1	DENNIS M & JEANNE FITZGERALD
231007050000	CHARLES A HARDESTY	LINDA F HARDESTY	594 W BAY COURT	\$120,200	\$125,800	\$246,000		No	5,771	SF	1	CHARLES A HARDESTY
231007060000	JOSEPH T & GEORGINE M PARSE LIVING TRUST		433 SCOTT STREET	\$65,000	\$185,200	\$250,200		No	5,082	SF	1	JOSEPH T & GEORGINE M PARSE LIVING TRUST
231007070000	JON F ERICKSON		437 SCOTT STREET	\$143,800	\$103,500	\$247,300		No	2,993	SF	1	JON F ERICKSON
231007080000	GARY L & CORRIE S ZIESEMER		441 SCOTT STREET	\$143,800	\$148,300	\$292,100		No	4,474	SF	1	GARY L & CORRIE S ZIESEMER
231007090000	ELUCHE C BLAKE		445 SCOTT STREET	\$143,800	\$146,000	\$289,800		No	3,082	SF	1	EUGENE C BLAKE
231007100000	DAVID & JUDITH STRUTZ		489 E BAY COURT	\$122,400	\$110,700	\$233,100		No	3,193	SF	1	DAVID & JUDITH STRUTZ
231007110000	RICHARD J DOHERTY	ANNETTE DOHERTY	485 E BAY COURT	\$128,000	\$158,300	\$286,300		No	3,872	SF	1	RICHARD J DOHERTY
231007120000	GARY L & H MAXINE SMITH		481 E BAY COURT	\$143,800	\$156,500	\$300,300		No	4,758	SF	1	GARY L & H MAXINE SMITH
231007130000	DENNIS H & LINDA S WALTERS		477 E BAY COURT	\$128,000	\$156,400	\$284,400		No	3,418	SF	1	DENNIS H & LINDA S WALTERS
231007140000	JAMES BERNHARDT		473 E BAY COURT	\$173,800	\$281,700	\$455,500		No	5,414	SF	1	JAMES BERNHARDT
231007160000	JOHN A JABLONSKI REVOCABLE TRUST	JEAN L JABLONSKI REVOCABLE TRUST	465 E BAY COURT	\$234,100	\$112,300	\$346,400		No	5,874	SF	1	JOHN A JABLONSKI REVOCABLE TRUST
231007170000	JANE M HEINEMAN	MARLENE E BURRELL	461 E BAY COURT	\$285,400	\$143,800	\$429,200		No	3,566	SF	1	JANE M HEINEMAN
231007250000	DENNIS DUJSTERS	SEAN ENGBRETSON	431 UNION STREET	\$22,200	\$94,600	\$116,800		No	2,315	SF	1	DENNIS DUJSTERS
231007260000	LUELLA J HAGEN LIVING TRUST		427 UNION STREET	\$22,000	\$150,800	\$172,800		No	4,174	SF	1	LUELLA J HAGEN LIVING TRUST
231007270000	DANIEL L BRAAKSMA	DENICE A BRAAKSMA	421 UNION STREET	\$21,300	\$171,200	\$192,500		No	4,101	SF	1	DANIEL L BRAAKSMA
231007280000	MARION & MARY SOBIESKI		417 UNION STREET	\$20,500	\$110,700	\$131,200		No	2,846	SF	1	MARION & MARY SOBIESKI
231007290000	STEVEN E & LISA A UTECHT		413 UNION STREET	\$20,100	\$108,500	\$128,600		No	3,018	SF	1	STEVEN E & LISA A UTECHT
231007300000	JON A & GAIL E MCCONNELL		409 UNION STREET	\$20,100	\$124,400	\$144,500		No	3,705	SF	1	JON A & GAIL E MCCONNELL
231007310000	ROBERT L HAWSE	DEIDRE S HAWSE	405 UNION STREET	\$20,100	\$135,400	\$155,500		No	3,367	SF	1	ROBERT L HAWSE
231007320000	ARTHUR J ROWLEY		401 UNION STREET	\$20,100	\$124,300	\$144,400		No	2,492	SF	1	ARTHUR J ROWLEY
231007330000	BRIAN W & CAROL SEELAGER MC CONNELL		391 UNION STREET	\$20,100	\$104,600	\$124,700		No	2,718	SF	1	BRIAN W & CAROL SEELAGER MC CONNELL
231007340000	PATRICIA A & ROBERT L HENNING		589 HIGHKNOCKER TRAIL	\$22,500	\$116,600	\$139,100		No	3,721	SF	1	PATRICIA A & ROBERT L HENNING
231007350000	REAS IRREVOCABLE TRUST		580 HIGHKNOCKER TRAIL	\$22,500	\$136,000	\$158,500		No	3,659	SF	1	REAS IRREVOCABLE TRUST
231007360000	DAVID L B KNAPP		394 ERNEST STREET	\$20,100	\$0	\$20,100		No	0	U	0	DAVID L B KNAPP

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel ID	OWNER/NAME1	OWNER/NAME2	SITE ADDRESS	LAND VALUE	IMP VALUE	TOTAL VALUE	AUX CLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231007370000	DAVID L B KNAPP		398 ERNEST STREET	\$20,100	\$134,200	\$154,300		No	2,885	SF	1	DAVID L B KNAPP
231007380000	PAUL & LAUREE RENAUD		402 ERNEST STREET	\$20,100	\$129,000	\$149,100		No	3,585	SF	1	PAUL & LAUREE RENAUD
231007390000	CONRAD S & CAROL A ROMPALA		408 ERNEST STREET	\$20,100	\$0	\$20,100		No	0	U	0	CONRAD S & CAROL A ROMPALA
231007400000	CONRAD S & CAROL A ROMPALA		412 ERNEST STREET	\$20,100	\$0	\$20,100		No	0	U	0	CONRAD S & CAROL A ROMPALA
231007410000	WILLIAM A & RENEE L PETERS		416 ERNEST STREET	\$20,100	\$127,600	\$147,700		No	3,190	SF	1	WILLIAM A & RENEE L PETERS
231007420000	LINDA L BERTZ		420 ERNEST STREET	\$20,800	\$151,200	\$172,000		No	3,636	SF	1	LINDA L BERTZ
231007430000	KAREN M RASMUSSEN		424 ERNEST STREET	\$22,600	\$214,400	\$237,000		No	4,459	SF	1	KAREN M RASMUSSEN
231007440000	MICHAEL E WEINREIS		428 ERNEST STREET	\$23,000	\$134,100	\$157,100		No	2,893	SF	1	MICHAEL E WEINREIS
231007450000	DONALD D & JO ANN CARPENTER		432 ERNEST STREET	\$21,600	\$96,200	\$117,800		No	4,540	SF	1	DONALD D & JO ANN CARPENTER
231007460000	FRANCES JEAN RACHIE		427 ERNEST STREET	\$24,000	\$119,600	\$143,600		No	3,064	SF	1	FRANCES JEAN RACHIE
231007470000	SAM T & LINDA R MULLEN		421 ERNEST STREET	\$22,300	\$122,400	\$144,700		No	3,090	SF	1	SAM T & LINDA R MULLEN
231007480000	THOMAS LYDON			\$11,800	\$0	\$11,800		No	1,344	NR	1	THOMAS LYDON
231007490000	RICHARD A & LIANE N WALSH		411 ERNEST STREET	\$23,000	\$154,500	\$177,500		No	3,702	SF	1	RICHARD A & LIANE N WALSH
231007500000	CONRAD S & CAROL A ROMPALA		409 ERNEST STREET	\$24,600	\$0	\$24,600		No	0	U	0	CONRAD S & CAROL A ROMPALA
231007510000	CONRAD S & CAROL A ROMPALA		403 ERNEST STREET	\$24,600	\$215,700	\$240,300		No	4,585	SF	1	CONRAD S & CAROL A ROMPALA
231007520000	CONRAD S & CAROL A ROMPALA		399 ERNEST STREET	\$25,200	\$0	\$25,200		No	0	U	0	CONRAD S & CAROL A ROMPALA
231007530000	DAVID A & PAMELA J HAWROCKI		395 ERNEST STREET	\$25,200	\$184,100	\$209,300		No	4,931	SF	1	DAVID A & PAMELA J HAWROCKI
231007540000	DAVID & PAM HAWROCKI		391 ERNEST STREET	\$25,200	\$0	\$25,200		No	0	U	0	DAVID & PAM HAWROCKI
231007550000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	488	NR	1	CITY OF GREEN LAKE
231007560000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	539	NR	1	CITY OF GREEN LAKE
231007570000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	576	NR	1	CITY OF GREEN LAKE
231007580000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	502	NR	1	CITY OF GREEN LAKE
231007590000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	983	NR	1	CITY OF GREEN LAKE
231007600000	THOMAS J LYDON JR		416 ANCHOR ROAD	\$23,900	\$190,700	\$214,600		No	1,010	SF	1	THOMAS J LYDON JR
231007610000	THOMAS J LYDON JR			\$11,300	\$0	\$11,300		No	2,059	SF	1	THOMAS J LYDON JR
231007620000	THOMAS J LYDON JR			\$4,500	\$0	\$4,500		No	0	U	0	THOMAS J LYDON JR
231007630000	THOMAS J LYDON JR			\$4,500	\$0	\$4,500		No	0	U	0	THOMAS J LYDON JR
231007640000	THOMAS J LYDON JR			\$4,300	\$0	\$4,300		No	0	U	0	THOMAS J LYDON JR
231007650000	THOMAS J LYDON JR			\$4,300	\$0	\$4,300		No	0	U	0	THOMAS J LYDON JR
231007660000	THOMAS J LYDON JR			\$4,300	\$0	\$4,300		No	0	U	0	THOMAS J LYDON JR
231007670000	THOMAS J LYDON JR			\$4,300	\$0	\$4,300		No	0	U	0	THOMAS J LYDON JR
231007680000	THOMAS J LYDON JR			\$4,000	\$0	\$4,000		No	0	U	0	THOMAS J LYDON JR
231007690000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	1,433	NR	1	CITY OF GREEN LAKE
231007700000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	575	NR	1	CITY OF GREEN LAKE
231007710000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	548	NR	1	CITY OF GREEN LAKE
231007720000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	1,061	NR	1	CITY OF GREEN LAKE
231007730000	CITY OF GREEN LAKE		564 HIGHNOCKER TRAIL	\$0	\$0	\$0	X4	Yes	480	NR	1	CITY OF GREEN LAKE
231007740000	DARREN & LISA NELSON		381 UNION STREET	\$33,800	\$299,300	\$333,100		No	5,904	SF	1	DARREN & LISA NELSON
231007750000	JAMES C & JOAN I SIMMONS		581 HIGHNOCKER TRAIL	\$25,000	\$174,200	\$199,200		No	3,645	SF	1	JAMES C & JOAN I SIMMONS
231007760000	NED T SEELHORST		575 HIGHNOCKER TRAIL	\$25,200	\$0	\$25,200		No	0	U	0	NED T SEELHORST
231007770000	NED T SEELHORST		569 HIGHNOCKER TRAIL	\$25,200	\$0	\$25,200		No	0	U	0	NED T SEELHORST
231007780000	COLLEEN K MCELE		563 HIGHNOCKER TRAIL	\$25,200	\$185,100	\$210,300		No	3,993	SF	1	COLLEEN K MCELE

Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
ParcelID	OWNER#M1	OWNER#M2	SITEADDRESS	LRVVALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231007800000			557 HIGHKOCKER TRAIL	\$25,200	\$226,700	\$251,900		No	4,283	SF	1	JUSTINE A LIETZ
231007820000			560 ILLINOIS AVENUE	\$40,400	\$327,000	\$367,400		No	4,200	SF	1	JOYCE J TRUST RAYMOND
231007830000			562 ILLINOIS AVENUE	\$48,300	\$436,900	\$485,200		No	6,068	SF	1	RICHARD A & ANNE L ANDERSEN
231007840000			566 ILLINOIS AVENUE	\$46,200	\$0	\$46,200		No	0	U	0	RICHARD A ANDERSEN TRUST
231007850000		VINCENT A & SUSAN M A	574 ILLINOIS AVENUE	\$38,100	\$130,900	\$169,000		No	3,274	SF	1	DAVID J & CAROLYN C DORSEN
231007860000			578 ILLINOIS AVENUE	\$41,700	\$208,300	\$250,000		No	3,206	SF	1	PATRICIA AGNES COUGHLIN TRUST
231007870000			582 ILLINOIS AVENUE	\$42,000	\$0	\$42,000		No	0	U	0	VINCENT A & SUSAN M ALESI
231007900000			509 COMMERCIAL AVENUE	\$124,900	\$461,100	\$586,000		No	44,258	NR	9.9	MEIBORG PROPERTIES LLC
231007910000			515 COMMERCIAL AVENUE	\$100,000	\$204,500	\$304,500		No	70,445	NR	15.8	MEIBORG PROPERTIES LLC
231007920100				\$7,900	\$0	\$7,900		No	0	U	0	FOREST RIDGE INVESTMENTS LLC
231007930000			545 COMMERCIAL AVENUE	\$15,800	\$0	\$15,800		No	0	U	0	FOREST RIDGE INVESTMENTS LLC
231007940000			555 COMMERCIAL AVENUE	\$100,100	\$311,300	\$411,400		No	31,738	NR	7.1	PARTNERS PROPERTIES OF GREEN LAKE LLC
231007950000			575 COMMERCIAL AVENUE	\$200,000	\$630,000	\$830,000		No	103,200	NR	23.2	LYDEO LLC
231007970000			574 COMMERCIAL AVENUE	\$0	\$0	\$0	X4	Yes	49,833	NR	11.2	GREEN LAKE BROOKLYN FIRE STATION
231007980000			564 COMMERCIAL AVENUE	\$15,800	\$0	\$15,800		No	0	U	0	PGI PROPERTY INVESTMENTS LLC
231007990000			550 COMMERCIAL AVENUE	\$0	\$0	\$0		Yes	63,516	NR	14.3	PGI PROPERTY INVESTMENTS LLC
231008000100			546 COMMERCIAL AVENUE	\$0	\$0	\$0	X4	Yes	2,619	NR	1	CITY OF GREEN LAKE
231008010000			540 COMMERCIAL AVENUE	\$100,000	\$447,200	\$547,200		No	71,802	NR	16.1	MEIBORG PROPERTIES LLC
231008050000			356 LAC VERDE CIRCLE	\$93,800	\$323,400	\$417,200		No	5,720	SF	1	LEONEL I & KATHERINE J BAIRD
231008060000			350 LAC VERDE CIRCLE	\$93,700	\$349,200	\$442,900		No	7,336	SF	1	MARY REGAN DRUKTEMIS LIVING TRUST
231008070000			344 LAC VERDE CIRCLE	\$93,800	\$373,000	\$466,800		No	8,024	SF	1	ANDREW A ZERATSKY
231008080000			302 LAC VERDE CIRCLE	\$93,800	\$161,200	\$255,000		No	4,179	SF	1	ANDREW A ZERATSKY
231008090000			295 LAC VERDE CIRCLE	\$93,800	\$0	\$93,800		No	0	U	0	DERONDA C & ANITA C PIERCE REVOCABLE TRUSTS
231008090100			303 LAC VERDE CIRCLE	\$93,800	\$320,700	\$414,500		No	4,790	SF	1	DERONDA C & ANITA C PIERCE REVOCABLE TRUSTS
231008100000			425 LAKE STREET	\$180,000	\$147,300	\$327,300		No	28,696	MF	6.4	ROGER LOVING TRUST PETERSON
231008500000			494 MEADOW LARK LANE E	\$40,300	\$0	\$40,300		No	0	U	0	CHRISTOPHER D & LYN A MELLAH
231008510000			486 MEADOW LARK LANE E	\$42,300	\$0	\$42,300		No	0	U	0	241 COLONY LLC & 259 CARRIAGE LLC
231008520000			478 MEADOW LARK LANE E	\$51,500	\$0	\$51,500		No	0	U	0	241 COLONY LLC & 259 CARRIAGE LLC
231008530000		IRINA GAGNE	470 MEADOW LARK LANE E	\$60,400	\$154,600	\$215,000		No	5,919	SF	1	JACOB A GAGNE
231008540000			464 CATLIN COURT	\$26,200	\$0	\$26,200		No	0	U	0	TRI CITY NATIONAL BANK
231008550000			458 CATLIN COURT	\$28,200	\$0	\$28,200		No	0	U	0	TRI CITY NATIONAL BANK
231008560000			452 CATLIN COURT	\$29,600	\$0	\$29,600		No	0	U	0	TRI CITY NATIONAL BANK
231008570000			448 CATLIN COURT	\$38,900	\$0	\$38,900		No	0	U	0	JOHN D BEBEAU
231008580000			442 CATLIN COURT	\$30,600	\$0	\$30,600		No	0	U	0	TRI CITY NATIONAL BANK
231008590000			438 CATLIN COURT	\$52,300	\$245,700	\$298,000		No	5,247	SF	1	THOMAS NEWMAN
231008600000			441 CATLIN COURT	\$55,100	\$249,100	\$304,200		No	6,574	SF	1	MARJANNE STASEK
231008610000			447 CATLIN COURT	\$40,000	\$332,500	\$372,500		No	5,700	SF	1	JOHN D BEBEAU
231008620000			458 BLUEBIRD COURT	\$42,900	\$336,500	\$379,400		No	6,802	SF	1	JOSEPH H & PATRICIA A FROELICH
231008630000			452 BLUEBIRD COURT	\$32,200	\$0	\$32,200		No	0	U	0	TRI CITY NATIONAL BANK
231008640000			448 BLUEBIRD COURT	\$42,000	\$0	\$42,000		No	0	U	0	HENRY C & ALMA L HEDBERG
231008650000			442 BLUEBIRD COURT	\$40,900	\$259,600	\$300,500		No	4,628	SF	1	SIERRA GOLD TRUST
231008660000			438 BLUEBIRD COURT	\$50,500	\$0	\$50,500		No	0	U	0	GERALD G & JUDITH L SPECHT REVOCABLE TRUST



Parcel Information from Green Lake County (2016)								SWU Feasibility Study Data				
Parcel#	OWNER#E1	OWNER#E2	SITEADDRESS	LN0VALUE	IMPVALUE	TOTAL VALUE	AUXCLASS	Assumed Exempt	Impervious Area (sq ft)	SWU Land Use	Calculated ERUs	Grouped Name
231008670000	GERALD G & JUDITH L SPECHT REVOCABLE TRUST		441 BLUEBIRD COURT	\$56,500	\$0	\$56,500		No	0	U	0	GERALD G & JUDITH L SPECHT REVOCABLE TRUST
231008680000	JENNIFER L LO		453 BLUEBIRD COURT	\$48,600	\$190,300	\$238,900		No	3,958	SF	1	JENNIFER L LO
231008690000	LESLIE E GEARING		465 BLUEBIRD COURT	\$37,200	\$0	\$37,200		No	0	U	0	LESLIE E GEARING
231008700000	EDWARD E ZIEGLER		761 PRAIRIE PLACE	\$38,900	\$225,600	\$264,500		No	5,286	SF	1	EDWARD E ZIEGLER
231008710000	TUSCUMBIA MEADOW LOTS LLC	STEVEN R SORENSON	757 PRAIRIE PLACE	\$50,000	\$0	\$50,000		No	0	U	0	TUSCUMBIA MEADOW LOTS LLC
231008720000	LYNN L & ROBERTA J POLLESCH LIVING TRUST		752 PRAIRIE PLACE	\$46,000	\$194,800	\$240,800		No	6,692	SF	1	LYNN L & ROBERTA J POLLESCH LIVING TRUST
231008770000	TRI CITY NATIONAL BANK		487 MEADOW LARK LANE W	\$29,800	\$0	\$29,800		No	0	U	0	TRI CITY NATIONAL BANK
231008780000	TRI CITY NATIONAL BANK		495 MEADOW LARK LANE W	\$30,700	\$0	\$30,700		No	0	U	0	TRI CITY NATIONAL BANK
231008790000	TUSCUMBIA MEADOWS HOME OWNERS ASSOCIATION			\$0	\$0	\$0		Yes	0	U	0	TUSCUMBIA MEADOWS HOME OWNERS ASSOCIATION
231008810000	CAROLYN J GERUSH		378 S LAWSON DRIVE	\$187,500	\$307,500	\$495,000		No	12,418	MF	2.8	CAROLYN J GERUSH
231008900000	RDS MEADOWS LLC		840 SUNNYSIDE ROAD	\$157,900	\$15,000	\$172,900		No	1,082	NR	1	RDS MEADOWS LLC
231008901000	PARTNERS IN COMMUNITY ELDERCARE LLC		850 SUNNYSIDE ROAD	\$170,800	\$2,588,200	\$2,759,000		No	63,877	MF	18.4	PARTNERS IN COMMUNITY ELDERCARE LLC
231008902000	MARIE C LENZINI TRUST THE			\$38,400	\$0	\$38,400		No	0	U	0	MARIE C LENZINI TRUST THE
231009010000	GABRIELE SCHELLHORN		481 MEADOW LARK LANE W	\$25,000	\$131,700	\$156,700		No	7,231	D	2	GABRIELE SCHELLHORN
231009030000	LESLIE E GEARING		764 PRAIRIE PLACE	\$25,000	\$157,700	\$182,700		No	9,896	SF	1	LESLIE E GEARING
231009050000	JULIE M GNEISER		754 PRAIRIE PLACE	\$25,000	\$185,900	\$210,900		No	8,878	D	2	JULIE M GNEISER
231009070000	DAVID E GALLOPS	JAMET VOSSEKUL	758 PRAIRIE PLACE	\$25,500	\$224,500	\$250,000		No	12,558	D	2	DAVID E GALLOPS
231010030000	JANE A MANTIK		870 PATRICIA COURT	\$17,500	\$86,700	\$104,200		No	51,434	MF	11.6	JANE A MANTIK
231010101000	SCOTT MORLEDGE		551 GOLD STREET	\$105,000	\$186,100	\$291,100		No	24,064	SF	1	SCOTT MORLEDGE
231012070100	HUNTER 3-5 PARTNERSHIP LLC		469 GOLF HILL COURT	\$11,900	\$0	\$11,900		No	27,934	MF	6.3	HUNTER 3-5 PARTNERSHIP LLC
231013010000	FOREST RIDGE INVESTMENTS LLC		539 COMMERCIAL AVENUE	\$12,500	\$33,000	\$45,500		No	36,318	NR	8.2	FOREST RIDGE INVESTMENTS LLC



## Memorandum

---

**To:** Amy Minser, P.E. - Wisconsin Department of Professional Services  
**From:** Jeff Felland, P.E. – MSA Professional Services  
**Subject:** Memorandum – Updates to the City of Green Lake Stormwater Quality Assessment and Improvement Plan  
**Date:** June 29, 2018

---

On January 30, 2018 MSA submitted to the Wisconsin Department of Natural Resources (DNR) the City of Green Lake Stormwater Quality Assessment and Improvement Plan (Plan) on behalf of the City of Green Lake. The Plan was funded in part by DNR UNPS & SW Grant #USP-USP24231Y16. DNR provided comments on the report on April 9, 2018 and MSA provided a summary of any actions taken to address the comments. This Memorandum summarizes the changes that affect report findings and is attached here to the January 30, 2018 version of the Plan to inform any future users of the Plan of these changes.

1. A 278-foot swale with a longitudinal slope exceeding 4% was mistakenly modeled in the 1.1-acre watershed PM600a (See Appendix E-Vegetated Swale Data). Note that this swale was manually included by a project engineer. When this swale is included in the model TSS and TP reduction is 11.4% and 6.9%, respectively. When the swale is removed from the model TSS and TP reduction is 9.5% and 5.7%, respectively. These decreases in percent reductions equate to 0.09 fewer tons of TSS and 0.4 fewer pounds of TP removed annually for the model specific to that portion of the study area. These values in represent 0.34% and 0.22% of the total pounds removed in the study area, respectively. Tables 1 and 2 from the Executive Summary have been updated on the following page to reflect the reductions in TSS and TP removal after the swale was omitted from the models. Updated values are shown in red text.

**Table 1 - TSS and TP Reduction Performance for Study Area**

Watershed	Sub-Watershed	Sub-Watershed Area (ac)	TSS Load			TP Load		
			Load In (tons/yr)	Trapped (tons/yr)	Reduction	Load In (lbs/yr)	Trapped (lbs/yr)	Reduction
Green Lake	Green Lake	746	56.3	11.1	19.7%	544.0	89	16.4%
	Mill Pond	199	14.7	0.5	3.4%	140.0	3	2.1%
Puchyan River	N/A	870	73.6	14.7	20.0%	613.0	93	15.1%
<b>Study Area</b>	N/A	1,815	144.6	26.3	18.2%	1,297	185	14.2%

Note: All % reductions are relative to a "No Controls" condition. Note that because TSS/TP loads are artificially reduced to zero at the City limits (these reductions are not accounted for) these loads are not available for reduction by BMPs within the City limits. As a result, study area results are likely slightly under-predicted.

**Table 2 - TSS and TP Reduction Performance within City Limits**

Watershed	Sub-Watershed	Sub-Watershed Area (ac)	TSS Load			TP Load		
			Load In (tons/yr)	Trapped (tons/yr)	Reduction	Load In (lbs/yr)	Trapped (lbs/yr)	Reduction
Green Lake	Green Lake	346	30.3	2.3	7.5%	275	20	7.3%
	Mill Pond	199	14.7	0.5	3.5%	140	3	2.1%
Puchyan River	N/A	604	56.7	13.8	24.3%	435	83	19.0%
<b>Citywide</b>	N/A	1,149	101.8	16.6	16.3%	850	106	12.4%

Note: All % reductions are relative to a "No Controls" condition.

2. The City of Green Lake has provided revised data regarding leaf collection tonnage values in Table 11 on page 21. The updated values are shown in the table on the following page. As credit for TP reduction associated with leaf removal programs are not accounted for in the existing overall TP removal for the Study Area, these changes in tonnage removed do not affect overall TP removal data. Updated values are shown in red text.

**Table 11 – Leaf Removal**

Year	Removed	
	Cu yd	Ton
2014	780	195
2015	610	152.5
2016	750	187.5
2017	705	176.5

1. 4 tons/cu. yd.



## Memorandum

---

**To:** Amy Minser, P.E. - Wisconsin Department of Professional Services  
**From:** Jeff Felland, P.E. – MSA Professional Services  
**Subject:** Memorandum – Updates to the City of Green Lake Stormwater Quality Assessment and Improvement Plan  
**Date:** February 18, 2019

---

On January 30, 2018 MSA submitted to the Wisconsin Department of Natural Resources (DNR) the City of Green Lake Stormwater Quality Assessment and Improvement Plan (Plan) on behalf of the City of Green Lake. The Plan was funded in part by DNR UNPS & SW Grant #USP-USP24231Y16. DNR provided comments on the Plan on April 9, 2018 and MSA provided a summary of any actions taken to address the comments. While MSA's June 29, 2018 Memo and responses (attached here for inclusion with the Plan) were deemed adequate for many of the initial comments, questions regarding eligibility of TSS and pollutant reduction achieved by grassed swales and stormwater management ponds remained. Additional DNR comments regarding these BMPs were received September 14, 2018 (see attached email). This Memorandum summarizes the changes made to address both rounds of comments that affect Plan findings and is attached here to the January 30, 2018 version of the Plan to inform any future users of the Plan of these changes.

1. **Eligible/Ineligible Areas.** The study area has been separated into DNR Urban Nonpoint Source and Storm Water Program Planning Grant funding eligible and ineligible areas. A map showing these areas along with eligible and ineligible stormwater management BMPs is attached here as an amendment to the City of Green Lake Stormwater Quality Assessment and Improvement Plan.

Eligible areas match portions of the City identified in the Grant application as having a population density of over 1,000 people per square mile, but also include other areas where stormwater runoff passes through storm sewers or existing or proposed Best Management Practices (BMP) in eligible areas.

2. **Swales.** TSS and TP captured by six swale groups were eliminated due to the swales not meeting DNR requirements. One swale exceeded the maximum allowable longitudinal slope of 4.0%,

three swales exceeded a flow velocity of 1.5 ft/sec, and two did not have full grass coverage on the bottom and sides. Five of the six eliminated swales were located in funding eligible areas.

MSA conducted field measurement of all swales within the grant-eligible study area. As a result of slight changes to swale geometries, reported TSS and TP capture rates are slightly different than previously reported. Swale measurements and photos are included in the Vegetated Swale Data Summary in Appendix E.

Discarding TSS and TP captured by the six eliminated swales and the 20 modified swales reduced the overall amount of TSS removed by swales by 1.34 tons/year (18% reduction in average swale system efficiency). However, because there is now more sediment (and TP) available for capture by downstream BMPs, the performance of these BMPs has slightly increased to slightly offset reduction in swale performance. Nevertheless, watersheds where swales were eliminated or modified saw a net reduction in captured TSS of 1.3 tons/year and a net reduction in captured TP of 7.3 lbs/year.

The revised values are reflected and shown in red in the updated Tables 1 and 2 from the Executive Summary of the Plan below and on the following page. Note, the values presented here supersede those provided in MSA’s June 29, 2018 Memo summarizing responses to April 9, 2018 DNR comments.

**Table 1 - TSS and TP Reduction Performance for Study Area**

Watershed	Sub-Watershed	Sub-Watershed Area (ac)	TSS Load			TP Load		
			Load In (tons/yr)	Trapped (tons/yr)	Reduction	Load In (lbs/yr)	Trapped (lbs/yr)	Reduction
Green Lake	Green Lake	746	56.3	10.8	19.2%	544.0	86.5	15.9%
	Mill Pond	199	14.7	0.53	3.6%	140.0	3.2	2.3%
Puchyan River	N/A	870	73.6	13.8	18.7%	613.0	87.9	14.3%
<b>Study Area</b>	N/A	1,815	144.6	25.1	17.4%	1,297	177.6	13.6%

*Note: All % reductions are relative to a “No Controls” condition. Note that because TSS/TP loads are artificially reduced to zero at the City limits (these reductions are not accounted for) these loads are not available for reduction by BMPs within the City limits. As a result, study area results are likely slightly under-predicted.*

**Table 2 - TSS and TP Reduction Performance within City Limits**

Watershed	Sub-Watershed	Sub-Watershed Area (ac)	TSS Load			TP Load		
			Load In (tons/yr)	Trapped (tons/yr)	Reduction	Load In (lbs/yr)	Trapped (lbs/yr)	Reduction
Green Lake	Green Lake	346	30.3	2.29	7.5%	275	19.8	7.2%
	Mill Pond	199	14.7	0.53	3.6%	140	3.2	2.3%
Puchyan River	N/A	604	56.7	12.9	22.8%	435	79.0	18.2%
Citywide	N/A	1,149	101.8	15.8	15.5%	850	102.1	12.0%

*Note: All % reductions are relative to a "No Controls" condition.*

3. **Infiltration Rates.** Infiltration rates used in original design calculations were not available for any existing infiltration BMPs at the time the City's original stormwater quality plan was prepared. Infiltration rates used in modeling infiltrating stormwater management basins were developed by conducting infiltration tests at 16 locations throughout the study area. WDNR printed guidance for adjusting measured infiltration rates for purposes of average infiltration rates from field-measured data was followed (geometric mean calculation and application of a reduction factor). This process is detailed in Section 3.5.2 and infiltration test results are presented in Appendix F in the Plan. WDNR review comments indicated that geometric mean infiltration rates measured during field tests cannot be used to model stormwater basins and as such, TSS and TP captured by these stormwater management basins cannot be credited towards reduction requirements that may be required in the future. Eighteen stormwater management basins were modeled with the geometric mean of measured infiltration rates. Of these, ten were in portions of the study area eligible for grant funding and eight were in ineligible areas.
  
4. **Eligible Ponds.** The City of Green Lake is not a regulated MS4 and has no regulatory requirement to achieve any specific reduction in TSS or TP. However, sometime in the future it may be required to obtain WPDES permit coverage and TSS/TP reductions may be required. In preparation of this potential, WDNR has indicated the following in their comments, which are noted here for the record:
  - a. WDNR has indicated that two otherwise eligible basins; Oak Ridge 1 and Oak Ridge 2, may not be infiltrating properly as evident by ponded water in a historic aerial photo. Maintenance of these ponds will be required to take credit for any TSS and TP capture in the future.
  - b. WDNR has identified two wet ponds where they feel there is unreliable data describing each BMP's outlet structure. Even though these BMPs are outside of the grant-funding eligible area, no credit for any TSS and TP capture in the future can be taken until the data are complete.
  - c. WDNR has stated that no credit for TSS or TP captured by a natural pond can be taken.



Table 3 below lists the stormwater management basins that cannot be credited for any TSS or TP removal without further action taken, and the captured TSS and TP that cannot be credited.

**Table 3 - TSS and TP Reduction Performance of Non-Conforming Structural BMPs**

Watershed	BMP Name	Located within City Limits	BMP Type	TSS	TP
				Trapped (lbs/yr)	Trapped (lbs/yr)
Green Lake <sup>1</sup>	Deacon Milles Park	Yes	Infiltration Basin	12	0.02
	Lawson Lagoon <sup>2</sup>		Wet Pond	1,945	7.3
	Maplewood		Infiltration Basin	889	4.9
	S Lawson East		Infiltration Basin	292	1.3
	S Lawson West		Infiltration Basin	760	2.9
	Killdeer	No	Wet Pond	10,124	36.3
	Lost Creek		Wet Pond	2,279	8.3
	Pamenter		Dry Detention Basin	4,566	22.2
Puchyan River	Culligan	Yes	Infiltration Basin	6	0.01
	Dollar General 1		Bioretention Basin	42	0.2
	Dollar General 2		Bioretention Basin	468	2.3
	Evensong-2		Infiltration Basin	2,017	6.4
	Flash		Infiltration Basin	1,088	1.4
	Justice Center N		Infiltration Basin	7	0.03
	Justice Center NW		Infiltration Basin	780	3.1
	Justice Center South <sup>2</sup>		Infiltration Basin	2,560	9.3
	N Lawson Dr		Infiltration Basin	378	1.6
	Oak Ridge-1		Infiltration Basin	26	0.1
	Oak Ridge-2		Infiltration Basin	830	1.8
	WWTP		Infiltration Basin	75	0.3
<b>TOTAL</b>				<b>29,216</b>	<b>109.7</b>

1. No BMPs are located within the Mill Pond Subwatershed.

2. TSS and TP captured by BMP increase slightly due to modification of upstream swales.

Eliminating the TSS and TP captured by stormwater management basins that are not permissible per DNR comments results in an overall reduction in captured TSS of 14.6 tons/year and captured TP of 109.7 lbs/year in the overall study area as compared to the revised values provided in Table 1 above. Eliminating the TSS and TP captured by these basins results in an overall reduction in captured TSS of 6.20 tons/year and captured TP of 43.0 lbs/year within the City as compared to

the revised values provided in Table 2 above. The revised values are reflected and shown in red in Tables 4 and 5 below.

**Table 4 - TSS and TP Reduction Performance for Study Area with Non-Conforming Basins Removed**

Watershed	Sub-Watershed	Sub-Watershed Area (ac)	TSS Load			TP Load		
			Load In (tons/yr)	Trapped (tons/yr)	Reduction	Load In (lbs/yr)	Trapped (lbs/yr)	Reduction
Green Lake	Green Lake	746	56.3	0.37	0.7%	544.0	3.3	0.6%
	Mill Pond	199	14.7	0.53	3.6%	140.0	3.2	2.3%
Puchyan River	N/A	870	73.6	9.6	13.1%	613.0	61.4	10.0%
Study Area	N/A	1,815	144.6	10.5	7.3%	1,297	67.9	5.2%

*Note: All % reductions are relative to a "No Controls" condition. Note that because TSS/TP loads are artificially reduced to zero at the City limits (these reductions are not accounted for) these loads are not available for reduction by BMPs within the City limits. As a result, study area results are likely slightly under-predicted.*

**Table 5 - TSS and TP Reduction Performance within City Limits with Non-Conforming Basins Removed**

Watershed	Sub-Watershed	Sub-Watershed Area (ac)	TSS Load			TP Load		
			Load In (tons/yr)	Trapped (tons/yr)	Reduction	Load In (lbs/yr)	Trapped (lbs/yr)	Reduction
Green Lake	Green Lake	346	30.3	0.34	1.1%	275	3.4	1.2%
	Mill Pond	199	14.7	0.53	3.6%	140	3.2	2.3%
Puchyan River	N/A	604	56.7	8.7	15.4%	435	52.5	12.1%
Citywide	N/A	1,149	101.8	9.6	9.4%	850	59.1	7.0%

*Note: All % reductions are relative to a "No Controls" condition.*

5. Recommended actions for the City of Green Lake regarding future stormwater quality planning include the following:
  - a. Confirm existence, and configuration, of engineered outlets for Lost Creek Pond for use in updating modeling of potential TSS and TP capture.
  - b. Perform maintenance activity on Oak Ridge 1 and Oak Ridge 2 basins as required to ensure infiltration can occur per original design.
  - c. Obtain Stormwater Management Plans for existing stormwater management basins designed to infiltrate runoff to learn design infiltration rates.
  - d. Absent of any Stormwater Management Plans for existing stormwater management basins designed to infiltrate runoff, perform sub-surface infiltration tests at the BMP.

- e. Obtain or implement Stormwater Management Maintenance Agreements for all stormwater management basins.

This Plan evaluated 12 sites where stormwater management facilities could be implemented to increase TSS and TP reduction, and provided estimates for their potential TSS and TP capture. These capture values were based on the aforementioned geometric mean of the infiltration rates of the field tests, which, according to DNR comments, are not acceptable methods. Therefore, the potential TSS and TP values should only be considered rough estimates, and any site moving into a design phase in the future would be required to have infiltration rates determined per methods acceptable to the DNR.



## Memorandum

---

**To:** Amy Minser, P.E. - Wisconsin Department of Professional Services  
**From:** Jeff Felland, P.E. – MSA Professional Services  
**Subject:** Responses to DNR Review Comments on City of Green Lake Stormwater Quality Assessment and Improvement Plan  
**Date:** June 29, 2018

---

On April 9, 2018 the Wisconsin Department of Natural Resources (DNR) provided review comments on the City of Green Lake Stormwater Quality Assessment and Improvement Plan (Plan) authored by MSA Professional Services and initially submitted to the DNR on January 30, 2018. The Plan was funded in part by DNR UNPS & SW Grant #USP-USP24231Y16. MSA responses to all DNR comments are provided here to enable final reimbursement to the other study partners and closure of the grant.

1. Drainage areas from outside the Project Area Map which flow through natural conveyance areas such as wetlands within the City boundaries before discharging to the river, mill pond, or lake should be identified as outside of the scope of the grant-funded work and quantified separately. This includes, but is not limited to drainage basins GL203, GL301, and portions of GL300. Please update the maps to clearly indicate which areas are included in the grant-funded portion of the study.

*RESPONSE: MSA prefers to create a separate map quantifying these areas as this discussion is likely to complicate the future use of the Plan. See attached Funding Eligible Areas Map distinguishing areas of the project that are eligible for grant funding and those that are not. This map will accompany the attached Plan Changes Memo that will be attached to the final version of the Green Lake Stormwater Quality Assessment and Improvement Plan.*

2. Natural ponds may not be modeled as storm water ponds.

*RESPONSE: The City of Green Lake is not a regulated MS4 and is not using this plan as a basis for receiving any reduction credits for TSS or TP. Rather they are interested in working with area partners to improve the quality of Green Lake. If the TSS/TP reductions of natural*

*features which may behave as BMPs are not evaluated, it may overstate the benefit of alternative BMPs evaluated in this study.*

3. Lost Creek and Killdeer ponds appear to be recreational ponds, not storm water ponds based on the presence of piers located along the perimeter. Therefore, unless there is documentation of an outlet engineered to restrict outflow sufficiently to provide a water quality benefit and documentation of depth sufficient to prevent resuspension, these features may not be assumed to provide water quality treatment. However, these ponds appear to be outside of the grant-funded study area.

*RESPONSE: See answer to question #2. Whether engineered or not, the reduction achieved by the ponds is an important consideration of the plan.*

*Killdeer pond was inspected and its outlet structure documented and used in the SLAMM models. While the depth of the pond is unknown, contours generated from lidar data were used to estimate the water surface area. Wet pond depth (5 ft for permanent pool) per DNR standards was applied to determine pond volume and performance. See Appendix D for pond dimensional data. The pond is predicted to reduce TSS by 94% and TP by 63%.*

*No outlet structure was discernable from review of aerial photos or lidar data for the Lost Creek pond. The pond is surrounded by private homes and property, prohibiting a search of the shoreline and surrounding area for an outlet structure. It is MSA's opinion that likely no outlet structure exists. Contours generated from lidar data show a normal water surface elevation in the pond of approximately 844, and the low point in the surrounding topography is 846. Lidar data indicate a swale is present in southeast corner of the pond that would convey overflows from the low point (overflow weir) to an existing culvert passing under State Road 23. Downstream of the culvert runoff continues to Green Lake. The best available information suggests that any outflow from the pond is provided by minor infiltration and/or overflows through the low point in the surrounding topography. This configuration would provide the highest level of pollutant reduction. To be conservative, an outlet structure consisting of a 12-inch diameter orifice set at the permanent pool elevation coupled with a horizontal weir 3 feet higher in elevation for larger events was assumed to estimate pond performance. Again, while the depth of the pond is unknown, contours generated from lidar data were used to estimate the water surface area. Wet pond depth (5 ft for permanent pool) per DNR standards was applied to determine pond volume. The pond is predicted to reduce TSS by 98% and TP by 65%.*

4. The following models ran with errors and should be revised to run without errors:

- BL4000-1: Pond overflows
- BL4000-2: Biofilter overflows
- PM6000-2: Biofilter overflows

*RESPONSE: The models were adjusted to eliminate overflows. A comparison of percent TSS reduction for the specific BMPs as well as the percent TSS and TP reduction for the entire model is presented in the table on the following page. The extremely small differences in percent reductions between the initial and updated model versions do not seem significant enough to require updates be made to all TSS and TP reduction data in the revised Plan.*

Model	BMP			Site					
	BMP	TSS		TSS			TP		
		Initial % Reduction	Updated % Reduction	Initial % Reduction	Updated % Reduction	Difference (tons)	Initial % Reduction	Updated % Reduction	Difference (lbs)
GL4000-1	Lawson Lagoon	56.2	56.2	23.2	23.1	0.004	11.95	11.94	0.0
GL4000-2	S Lawson West	57.3	56.9	25.9	25.8	0.02	17.0	16.9	0.2
	S Lawson East	59.1	59.7						
PM6000-2	Dollar General 2	40.6	40.5	78.1	78.1	0.0	30.7	30.7	0.0

5. Please provide documentation of swale geometry at representative locations per <http://dnr.wi.gov/topic/stormwater/documents/GrassSwales080424.pdf> and velocity/scour checks.

*RESPONSE: Per Section 3.5.2 of the Plan, swales within the City were located, visually inspected and cross-sectional geometry estimated by MSA staff through field investigations. Swales outside of the City were identified using aerial photographs, lidar topographic data, and Google Street View imaging, and cross-sectional geometry estimated by topographic data. Longitudinal slopes for all swales were estimated using 2 ft contours generated from lidar data. Specifically, longitudinal slopes were estimated using the entire swale length for stand-alone individual swales, and the entire length of a series of swale modeled together. For all swales a representative cross section was identified and contours used at each location to estimate side slopes.*



*Any swales observed during field investigations to have indications of scour were not included in the models. Similarly, any swales with longitudinal slopes exceeding 4% were not modeled, with the exception of one swale in the City in watershed PM600a. When the swale is removed from the model there are to 0.09 fewer tons of TSS and 0.4 fewer pounds of TP removed, again for the model specific to that portion of the study area. These values in represent 0.34% and 0.22% of the total pounds removed in the study area, respectively. See accompanying Memo for attachment to the January 30, 2018 version of the Plan.*

*Below are screen shots take from Google Earth Street View showing examples of modeled swales.*



*GL207 looking northeast*



*GL209.01 looking northeast*



*GL302 & GL300a.01 looking northeast*



*GL403.02 & .03 looking northeast*





*GL403.02 looking northeast*



*GL403.04 looking east*





*PM200a.02 looking west*



*PM601a.01 looking northwest*



*PM617.01 & 618.01 looking north*

6. Infiltration basins (ponds with outlet elevated above the surface to promote infiltration) should be modeled using the biofilter device in WinSLAMM, not the wet pond device. The static infiltration rate from grass swale infiltration rate testing may not be used. The native infiltration rate should be based on site-specific soils infiltration or onsite infiltration testing. Side infiltration rates should be set to 0.001.

*RESPONSE: Please explain the Department's basis for requiring use of the biofilter device as opposed to the infiltration basin device. It is MSA's opinion that use of the biofilter device requires knowledge about underdrains, engineered soil, and rock storage areas to which we do not have access. Since infiltration basins require application only of geometric data from available sources (field inspections, aerial topography), and infiltration rates which were physically measured, it would seem that this is a more reasonable application of the model in the absence of a strict requirement. Justice Center North, Justice Center South and Flash infiltration basins were modeled using a wet pond BMP node as the outlet device configurations were more complex than what the biofiltration basin BMP node is capable of modeling. The basin's outlet configuration was more accurately modeled, and the infiltration rate accounted for, using the wet pond node.*

*Please explain the Department's basis for not allowing measured infiltration rates to be used throughout the study area. Testing was completed at 16 sites using double ring infiltrometer equipment and a geometric mean rate was determined throughout the City as documented in the report appendix. The measured static infiltration rate was applied to swales by dividing by two to determine a dynamic rate as required for swales, differentiating the data from horizontal infiltration practices. Conducting infiltration tests at every existing and proposed*

*basin location was outside the scope of work. Infiltration tests were conducted at 16 locations throughout the study area. Additionally, it is the opinion of MSA that infiltration rates generated from geometric means of test data and applied to other locations in the City is more reliable than simply applying infiltration rates assigned to soil textures listed and mapped by NRCS soil map units. Experience shows soil characteristics can vary widely within an NRCS map unit.*

*A sensitivity analysis was performed to evaluate the effects of using a side infiltration rate fraction of 0.01 (as modeled) and 0.001 (updated). The small differences in percent reductions between the initial and updated model versions shown in the table below do not seem significant enough to require updates be made to all TSS and TP reduction data in the revised Plan.*

<i>BMP</i>	<i>TSS % Reduction</i>	
	<i>Initial (0.01)</i>	<i>Updated (0.001)</i>
<i>South Lawson East</i>	<i>59.7</i>	<i>59.5</i>
<i>South Lawson West</i>	<i>56.9</i>	<i>56.6</i>
<i>Maplewood</i>	<i>13.2</i>	<i>13.4</i>

7. Dry ponds (ponds with the outlet on the bottom), should be modeled as wet ponds with no permanent pool and the outlet at the surface of the pond. In general, these should only provide minimal credit but may enhance treatment efficiency downstream due to peak flow attenuation.

*RESPONSE: The only dry detention basin modeled was the Pamerter dry basin. Design plans showed piped outlets from the basin, indicating a dry detention basin configuration. However, per City comment, the basin has no pipes draining the basin, and the basin overflows from a weir shaped into the berm. For small storm events (events encompassed by the average annual rainfall used for TSS and TP reduction modeling), the basin does not overflow, and runoff infiltrates. It is acknowledged that a more accurate BMP label might be infiltration basin as opposed to dry detention basin.*

8. On Page 21 of the report, Table 11 lists both cubic yards of leaves collected and tons of leaves removed. The per the note, a conversion of 4 tons per cubic yard was assumed. As this translates to a density of 296 pounds per cubic foot which is approximately twice the unit weight of concrete, the Department questions the accuracy of this assumption.

*RESPONSE: The City has provided revised data regarding leaf collection tonnage values in the table. The updated values are shown in the table on the following page.*



<i>Year</i>	<i>Removed</i>	
	<i>Cu yd</i>	<i>Ton</i>
<i>2014</i>	<i>780</i>	<i>195</i>
<i>2015</i>	<i>610</i>	<i>152.5</i>
<i>2016</i>	<i>750</i>	<i>187.5</i>
<i>2017</i>	<i>705</i>	<i>176.5</i>

9. For the existing storm water BMPs which treat area draining to the MS4 system within the Project Area Map, it is not clear how much detail regarding the outlets was determined from plans and field measurement vs. assumed based on less reliable sources. Please provide this information.

*RESPONSE: Please refer to the notations in the HydroCAD data in Appendix D of the report. Notation of source data is included for all BMPs. Plans for the majority of stormwater management ponds were provided by the City. Additionally, many ponds were investigated in the field by MSA staff to gather missing or incomplete outlet structure data. Pond areas were estimated from lidar contour data where construction plans were unavailable.*

10. Please provide additional information on the Maplewood and Oak Ridge infiltration basins as the actual locations are not clear from a review of aerial photos.

*RESPONSE: Maplewood infiltration basin is located off White Oak Street in the southwest portion of the City, uphill and west of S. Lawson Drive. Oak Ridge-1 and 2 are located west of Commercial Avenue between County Road A and South St in the northeast portion of the City. See screen captures on the following pages.*







11. Two of the proposed ponds, Ernest Street and City Park have some area mapped with wetland indicator soils. If these projects are pursued, a wetland delineation or determination should be conducted early in the project planning process.

*RESPONSE: Noted. Should stormwater management projects be proposed at either of the sites wetland determinations/delineations will be conducted very early in the project planning process so that siting and sizing of ponds can be adjusted as necessary.*



PROFESSIONAL SERVICES

**City of Green Lake Stormwater Quality Assessment and Improvement Plan**  
**REVISED Appendix E - Vegetated Swale Data Summary**

General Notes: Swales in green shaded Subwatersheds are eligible for grant funding.  
 Only eligible swales had side slopes field measured.  
 Side slopes of ineligible swales were estimated using 2-ft contours derived from LIDAR data.  
 All swale bottoms widths were zero.

**Vegetated Swales Within the City of Green Lake**

Swale Group ID	Watershed ID	Subwatershed ID	Drainage Area (ac)	Total Swale Length (ft)		Longitudinal Slope (ft/ft)	Average of Measured Side Slopes (H:V)	Estimated Side Slopes (H:V)	Velocity (ft/sec)
1 <sup>1</sup>	Green Lake	GL204a.01	2.7	327	--	0.016	6:1	N/A	0.69
2 <sup>1</sup>		GL212	11.7	684	--	0.009	9:1	N/A	0.83
3 <sup>1,2</sup>		GL213.01	0.2	104	--	0.008	N/A	8:1	0.48
		GL213.02	0.2	52	--		N/A	8:1	
		GL213.03.1	5.9	401	--		10:1	N/A	
		GL213.04	1.1	193	--		14.7:1	N/A	
		GL213.05	0.7	132	--	N/A	8:1		
4		GL403.01	26.5	346	--	0.009	5.8:1	N/A	0.90
5		GL403.02	3.0	875	--	0.031	8:1	N/A	0.68
6		GL403.03	0.5	573	--	0.035	8.7:1	N/A	0.49
	GL403.04	0.5	749	--	0.035	N/A	8:1	0.49	
7	Puchyan River	PM200a.01	1.5	--	289	0.025	N/A	8:1	0.63
7 <sup>3</sup>		PM200a.02	3.9	--	322	0.025	6.7:1	N/A	0.63
8		PM201.01	0.6	--	122	0.035	14.4:1	N/A	0.50
		PM201.02	0.4	--	115	0.035	4.4:1	N/A	0.50
9		PM401.01	2.2	--	693	0.004	8:1	N/A	0.50

City of Green Lake  
Stormwater Quality Assessment and Improvement Plan  
Appendix E – Vegetated Swale Data Summary  
Revised February 2019

		PM401.02	2.0	--	505	0.004	4:1	N/A	0.50
		PM401.03	3.3	--	784	0.004	7.4:1	N/A	0.50
10		PM406.01	1.1	--	342	0.016	N/A	8:1	0.50
11		PM407.01	24.6	--	1,387	0.006	26.9:1	N/A	0.72
		PM407.02	12.6	--	741	0.006	20:1	N/A	0.72
12		PM409.01	0.8	--	245	0.003	23.3:1	N/A	0.20
		PM409.02	3.7	--	288	0.003	10.7:1	N/A	0.20
13		PM411.01	0.2	--	200	0.038	N/A	12:1	0.36
14		PM501	0.7	--	87	0.022	N/A	10:1	0.50
15 <sup>4</sup>	Puchyan River	PM600a	1.1	--	278	0.050	9.6:1	N/A	0.72
16		PM601a.01	0.5	--	387	0.013	N/A	10:1	1.13
17		PM607b	1.1	--	309	0.012	N/A	4:1	0.43
18 <sup>5</sup>		PM611.01	3.2	--	429	0.018	23.3:1	N/A	2.08
19 <sup>3</sup>		PM612	1.8	--	112	0.020	4.7:1	N/A	0.93
20		PM613.01	0.7	--	475	0.020	9.3:1	N/A	0.34
21 <sup>5</sup>		PM614.01	11.2	--	1,539	0.010	16.4:1	N/A	1.60
22		PM618.02	0.5	--	283	0.018	6.7:1	N/A	0.35
23		PM619	3.9	--	1,449	0.013	8.7:1	N/A	1.02
<i>Subtotal</i>			--	4,436	11,378				
<b>TOTAL</b>			<b>134.6</b>	<b>15,814</b>					

1. Swale group located in Mill Pond Subwatershed.
2. Swale group includes reaches within and outside of the City and therefore includes 505 ft of swales from watersheds GL213.01 and GL213.03.01 outside of the City.
3. Side slope not grassed. No TSS or TP reduction credit.
4. Longitudinal slope exceeded 4%. No TSS or TP reduction credit.
5. Velocity exceeded maximum allowable velocity of 1.5 ft/s. No TSS or TP reduction credit.



City of Green Lake  
Stormwater Quality Assessment and Improvement Plan  
Appendix E – Vegetated Swale Data Summary  
Revised February 2019

Vegetated Swales Outside the City of Green Lake

Swale Group ID	Watershed ID	Subwatershed ID	Drainage Area (ac)	Total Swale Length (ft)		Longitudinal Slope (ft/ft)	Average of Measured Side Slopes (H:V)	Estimated Side Slopes (H:V)	Velocity (ft/sec)
24 <sup>1</sup>	Green Lake	GL201.01	1.6	633	--	0.011	N/A	4:1	0.81
		GL201.02	2.1	594	--	0.011	N/A	4:1	0.81
25 <sup>1</sup>		GL205.01	0.8	323	--	0.020	N/A	8:1	0.33
26 <sup>1</sup>		GL206	0.5	167	--	0.003	N/A	4:1	0.10
27 <sup>1</sup>		GL207	13.2	2,210	--	0.004	N/A	4:1	0.93
28 <sup>1</sup>		GL209.01	0.8	357	--	0.016	N/A	4:1	0.99
		GL209.02	0.5	209	--	0.016	N/A	4:1	0.99
		GL209.03	0.9	618	--	0.016	N/A	4:1	0.99
29		GL300a.01	3.0	688	--	0.005	N/A	4:1	0.51
30 <sup>3</sup>		GL302	27.6	1,183	--	0.022	N/A	4:1	1.64
31	Puchyan River	PM411.02	0.6	--	685	0.027	N/A	12:1	0.21
32 <sup>2</sup>		PM601b.01	3.2	--	1,171	0.019	N/A	8:1	1.27
		PM601b.04	0.6	--	385	0.019	N/A	8:1	1.27
33		PM613.02	0.6	--	290	0.010	6.7:1	N/A	0.17
34		PM617.01	9.0	--	1,185	0.026	5:1	N/A	1.38
35		PM618.01	143.5	--	3,434	0.015	N/A	40:1	1.18
36		PM620.01	28.4	--	1,069	0.005	N/A	24:1	0.70
<i>Subtotal</i>			--	6,982	8,218				
<b>TOTAL</b>			<b>396.3</b>	<b>15,200</b>					

1. Swale group located in Mill Pond Subwatershed.
2. Swale group includes reaches within and outside of the City and therefore includes 385 ft of swales from watershed PM601b.04 within the City.
3. Velocity exceeded maximum allowable velocity of 1.5 ft/s. No TSS or TP reduction credit.