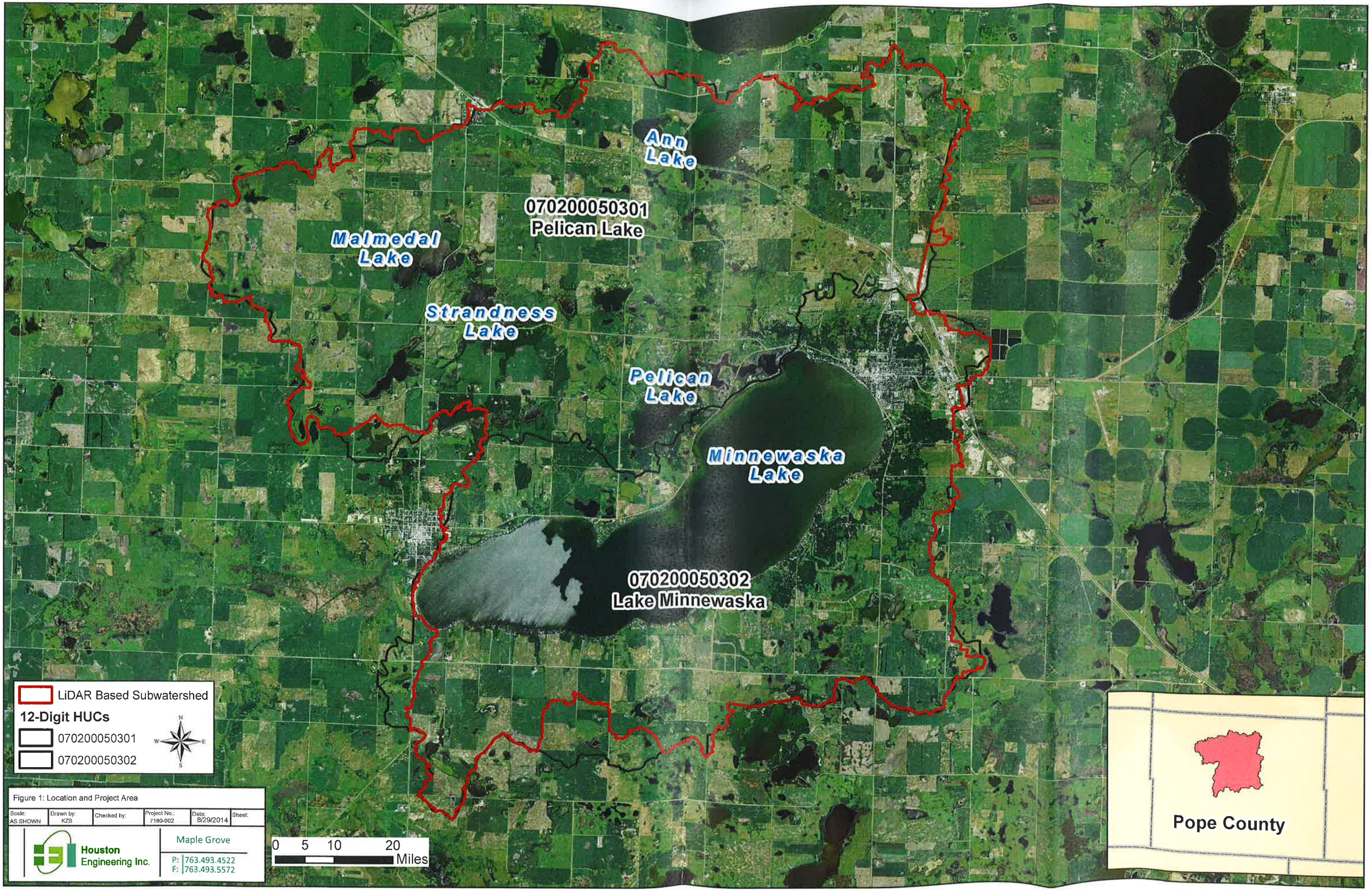

Figure 1: Location and Project Area

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		7180-002	8/29/2014	

Houston Engineering Inc.
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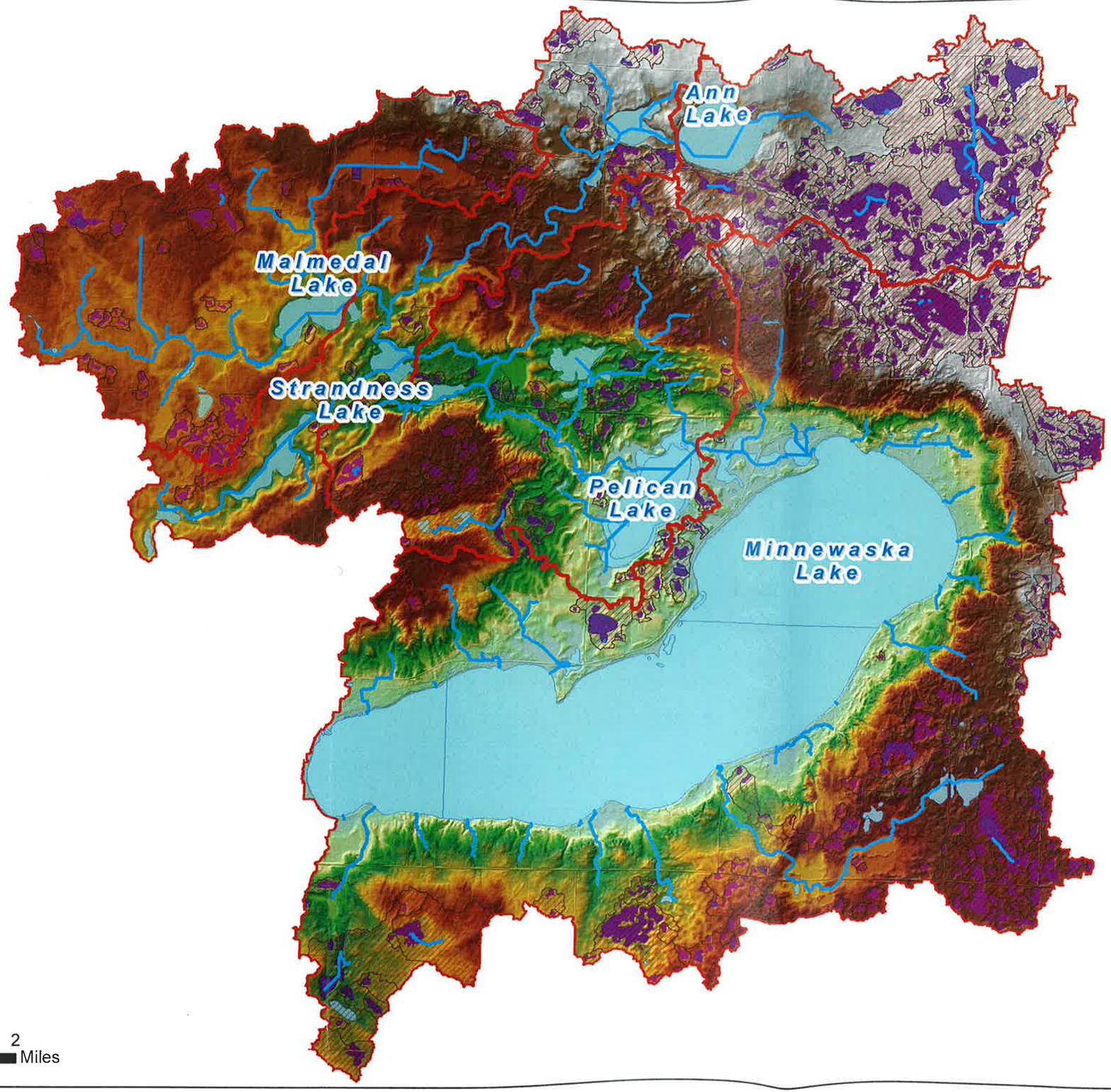

Subwatersheds

NonContrib Basin 10yr24hr

NonContrib Drainage Area 10yr24hr

Lakes

Flowpaths

In-channel

Conditioned DEM

High

Low

Figure 3: Conditioned DEM with NC Areas

Scale:	Drawn by:	Checked by:	Project No.	Date:	Sheet:
AS SHOWN	KZS		8177-001	8/29/2014	

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N W E S

0 0.5 1 2 Miles

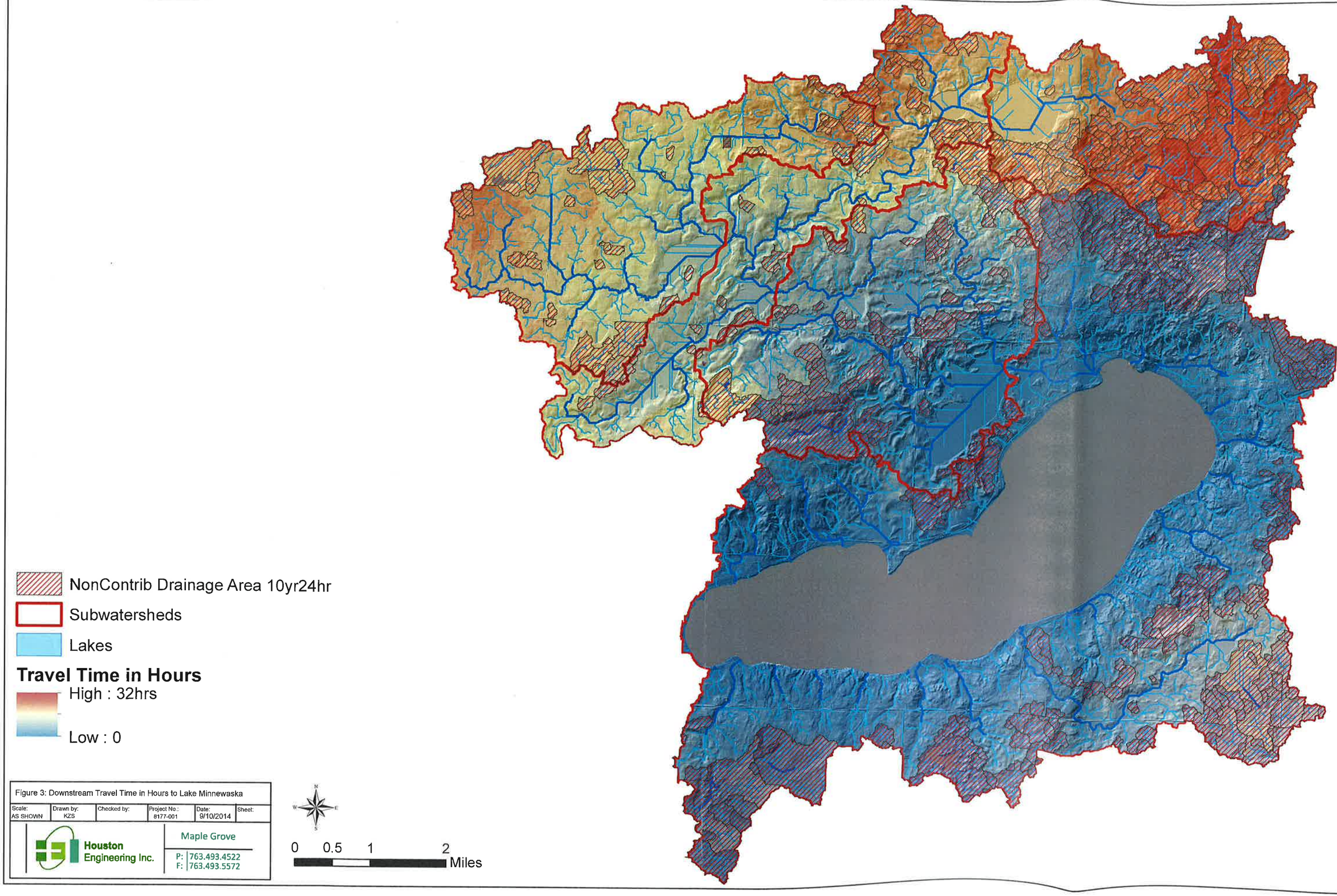

Figure 3: Downstream Travel Time in Hours to Lake Minnewaska

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/10/2014	

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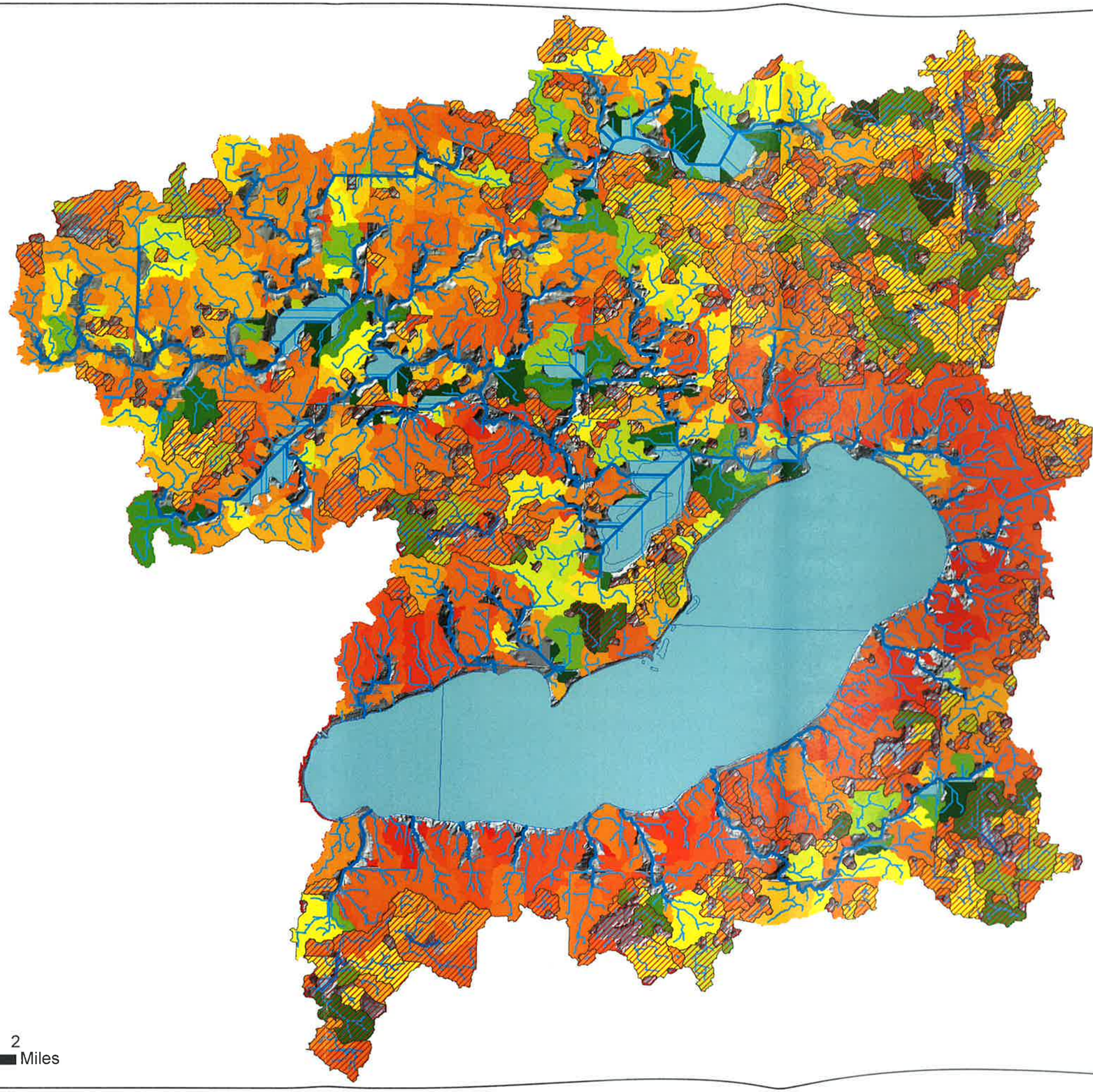

NonContrib Drainage Area 10yr24hr

Flowpaths

In-channel

Overland

Mean SPI

High

Low

Lakes

Figure 5: SPI Results - mean per catchment

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
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N W E S

0 0.5 1 2 Miles

NonContrib Drainage Area 10yr24hr

Lakes

Sediment Load

High >10 ton/ac/yr

Low

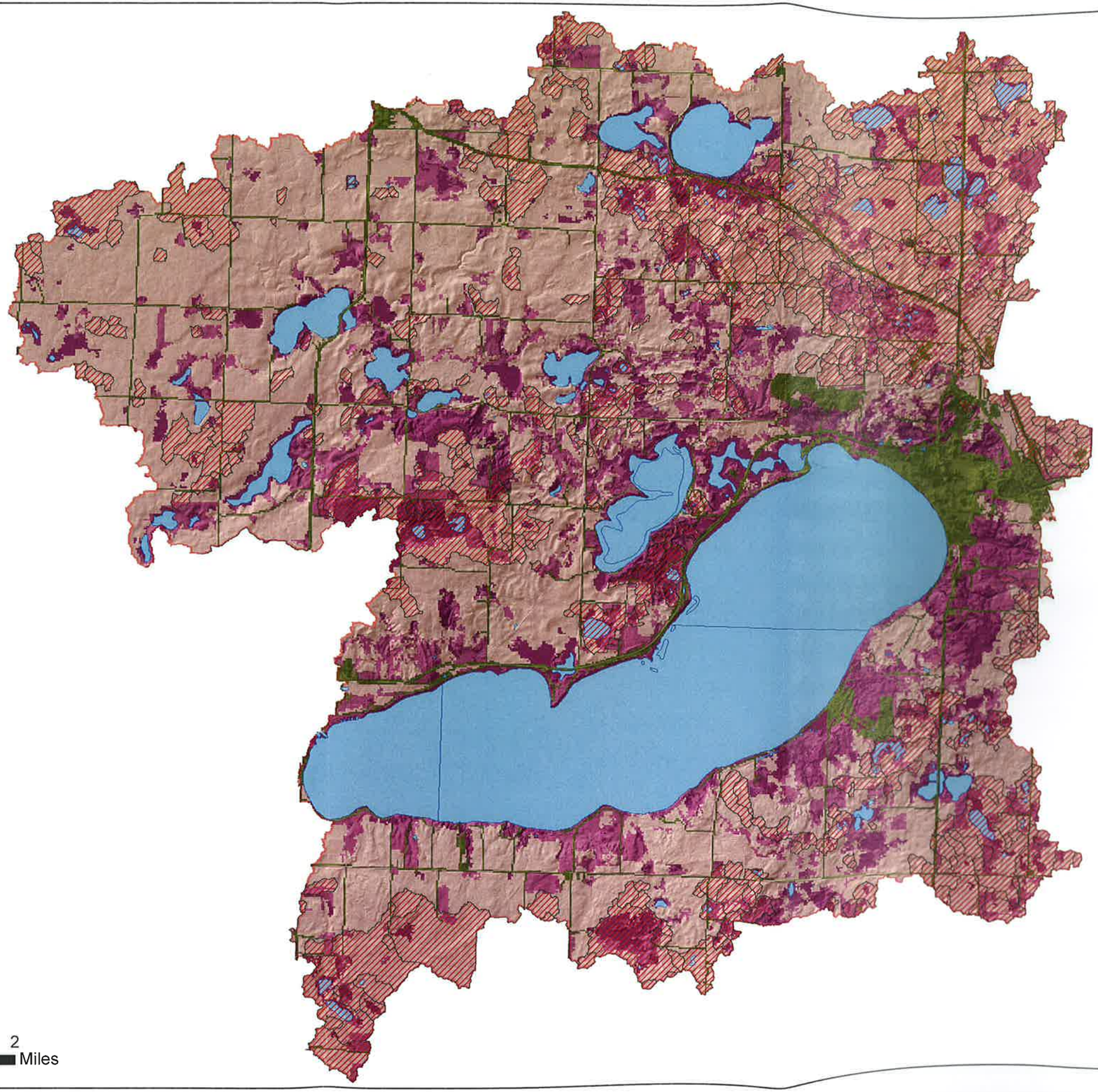
Figure 6: Sediment Load Leaving the Landscape

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

N W E S

0 0.5 1 2 Miles



NonContrib Drainage Area 10yr24hr

Lakes

TP Load (lbs/acre/year)

High : 1.338

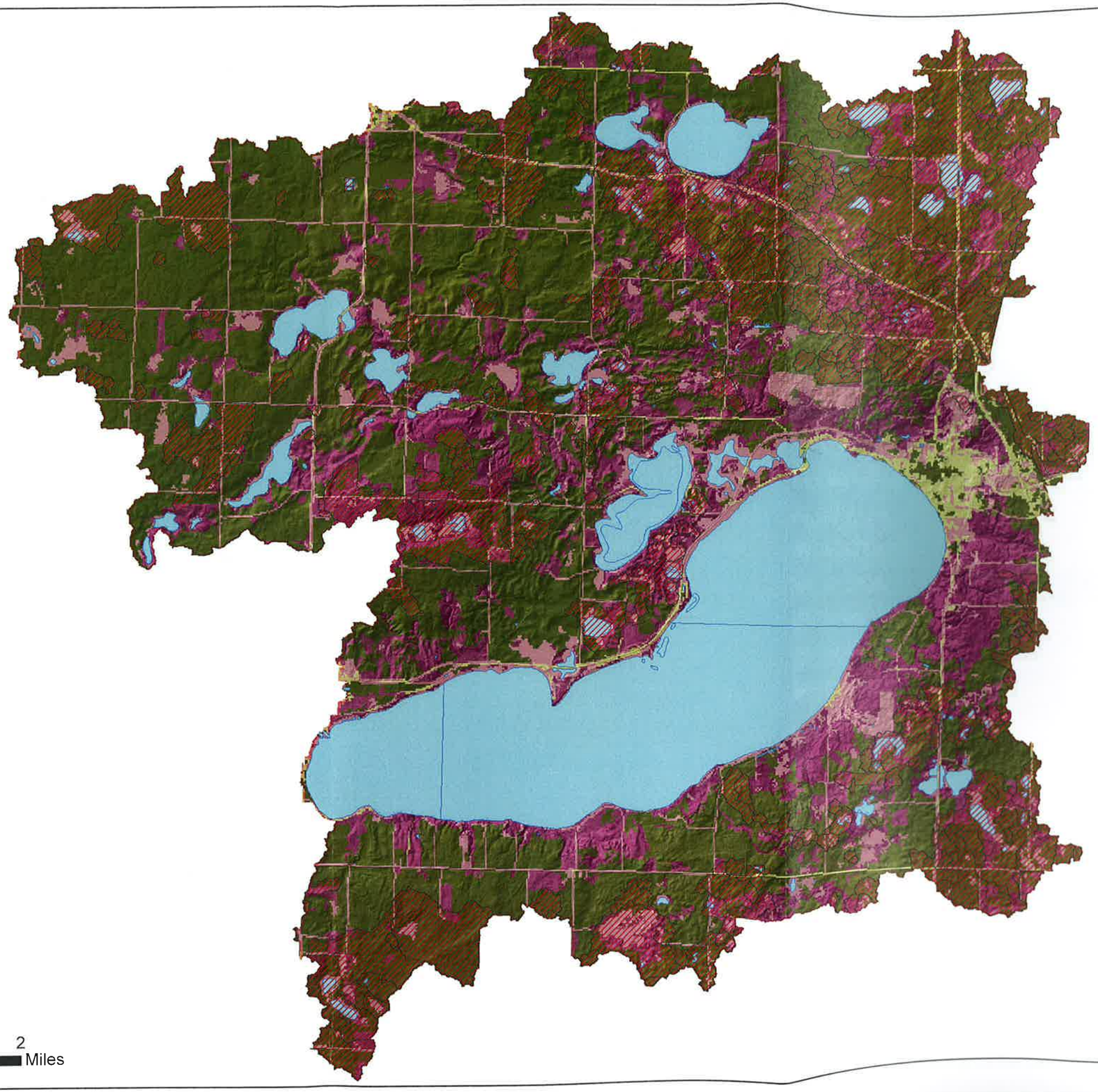
Low : 0

Figure 7: TP Load Leaving the Landscape

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		6177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.5 1 2 Miles



NonContrib Drainage Area 10yr24hr

Lakes

TN Load (lbs/acre/year)

High : 16.1

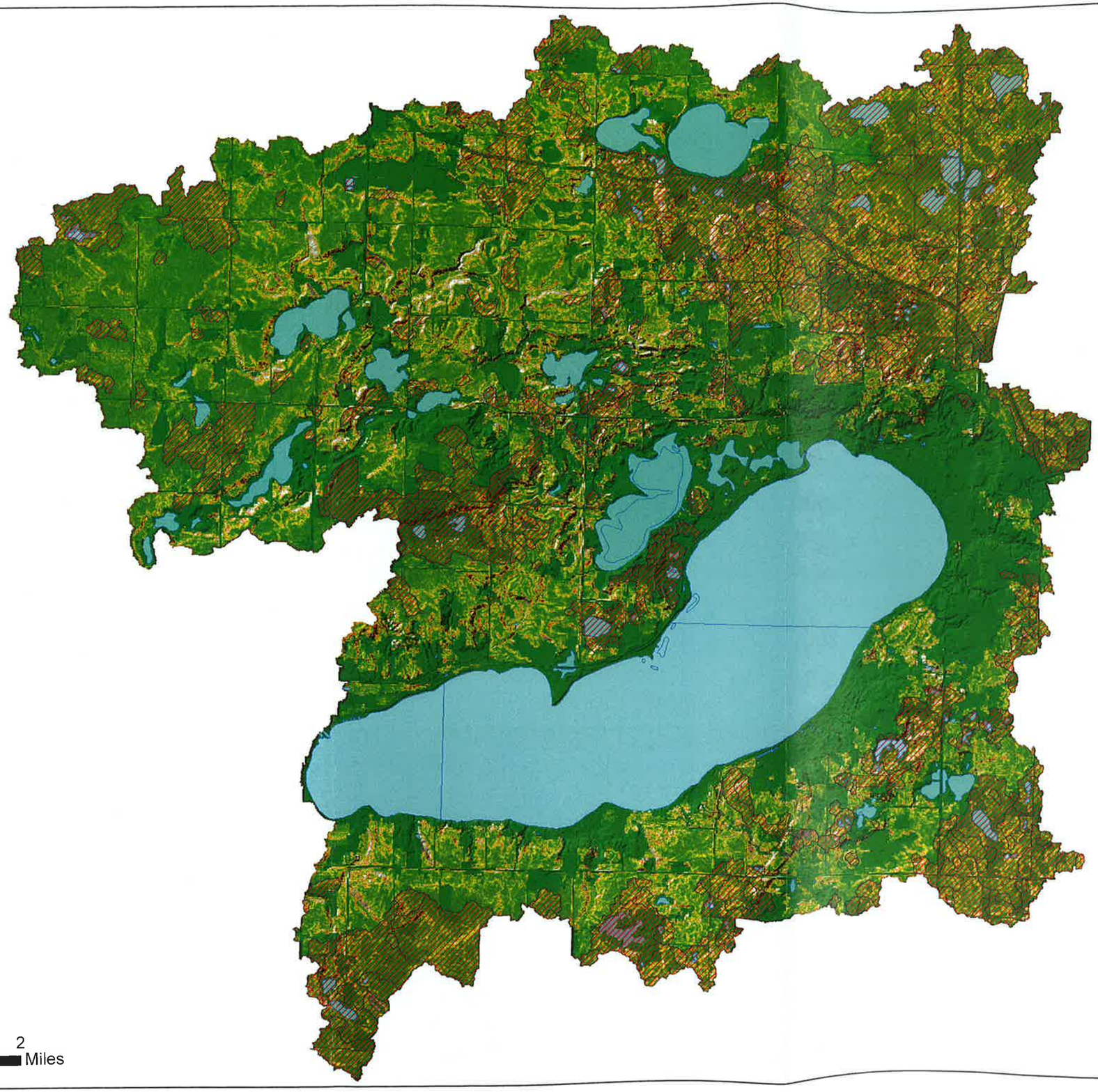
Low : 1.16

Figure 8: TN Load Leaving the Landscape

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.5 1 2 Miles



NonContrib Drainage Area 10yr24hr

Lakes

Sediment Load (lbs/acre/year)

High : >10

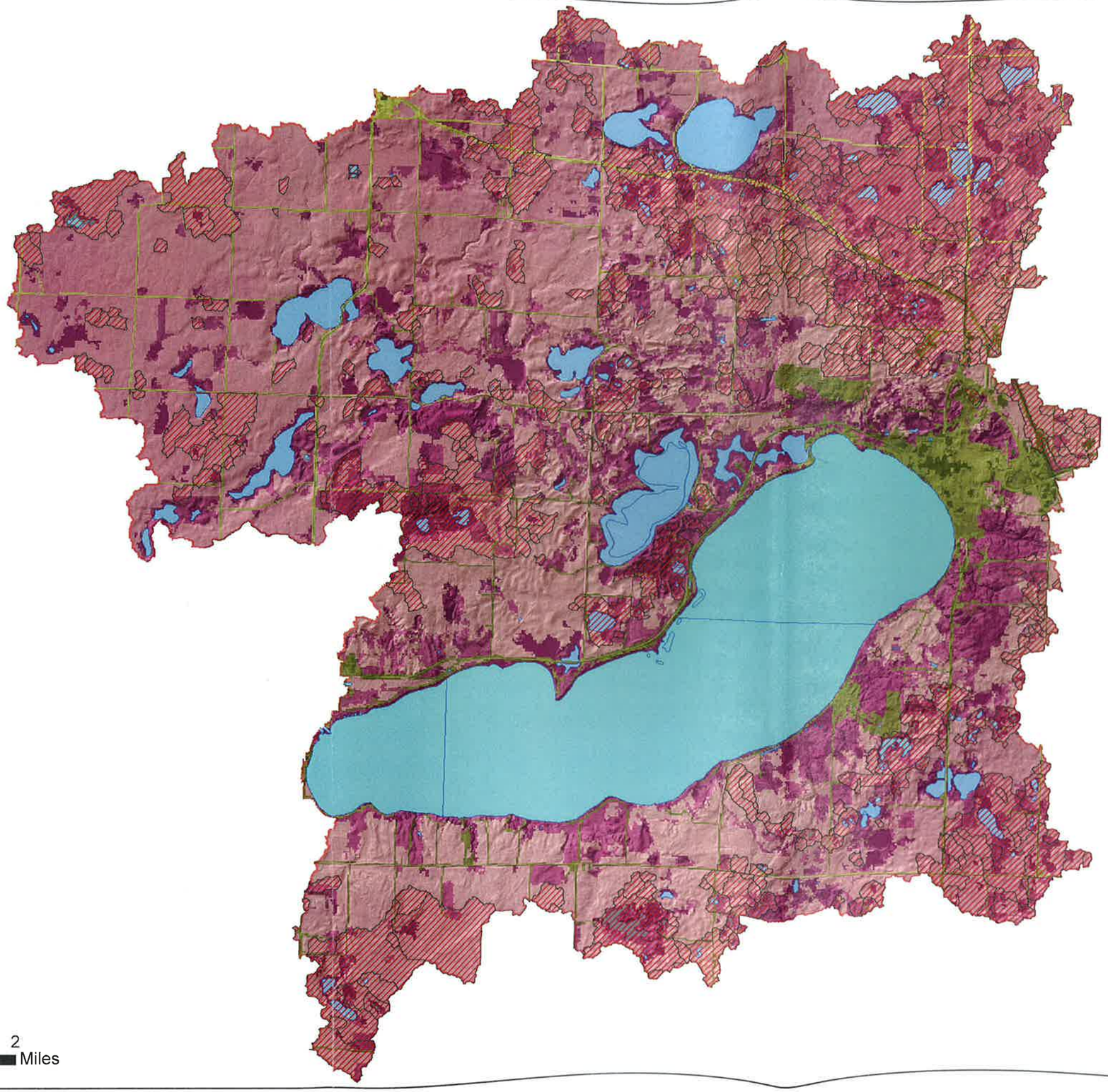
Low : 0

Figure 9: Delivered Sediment to Lake Minnewaska

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet
AS SHOWN	KZS		8177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.5 1 2 Miles



NonContrib Drainage Area 10yr24hr

Lakes

TP Load (lbs/acre/year)

High : 1.338

Low : 0

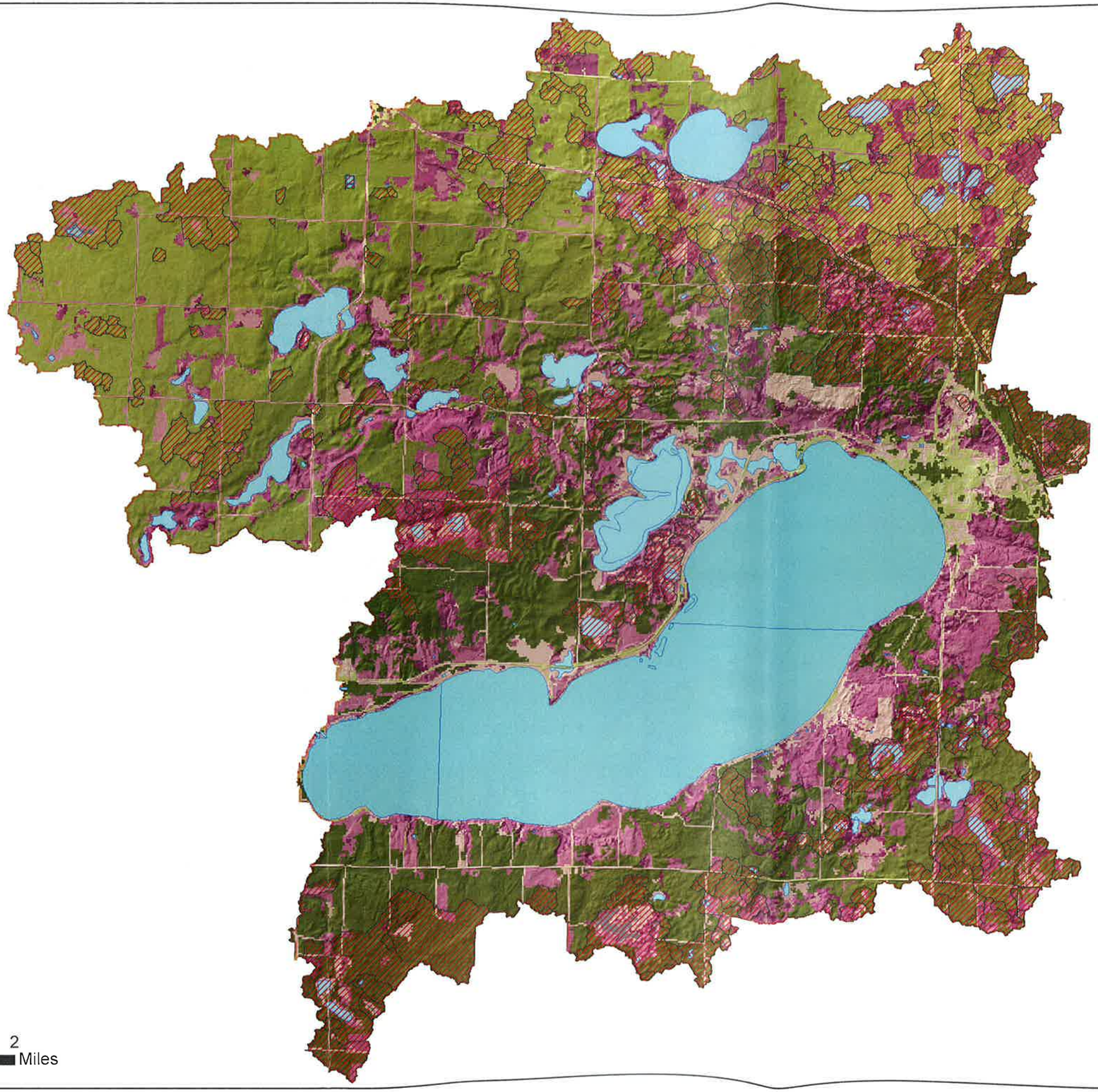
Figure 10: Delivered TP to Lake Minnewaska

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

N W E S

0 0.5 1 2 Miles



NonContrib Drainage Area 10yr24hr

Lakes

TN Load (lbs/acre/yr)

High : 16.1

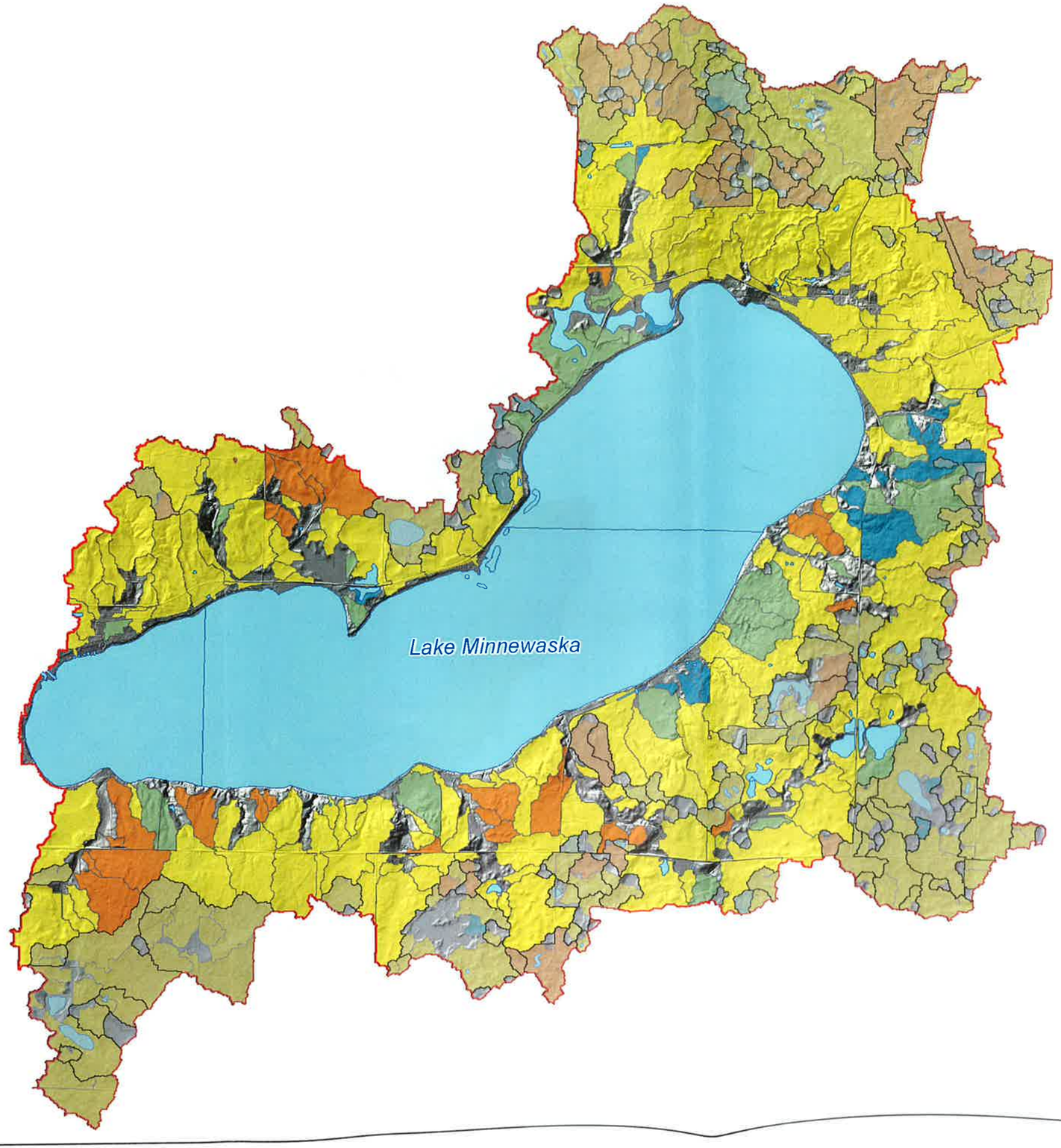
Low : 0.8

Figure 9: Delivered Sediment to Lake Minnewaska

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/10/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.5 1 2 Miles



NonContrib Drainage Area 10yr24hr

Lakes

Water Quality Index - Lake Minnewaska

Lowest Priority (Lowest 10%)

Low Priority (10% - 25%)

Moderate (25% - 75%)

High Priority (75% - 90%)

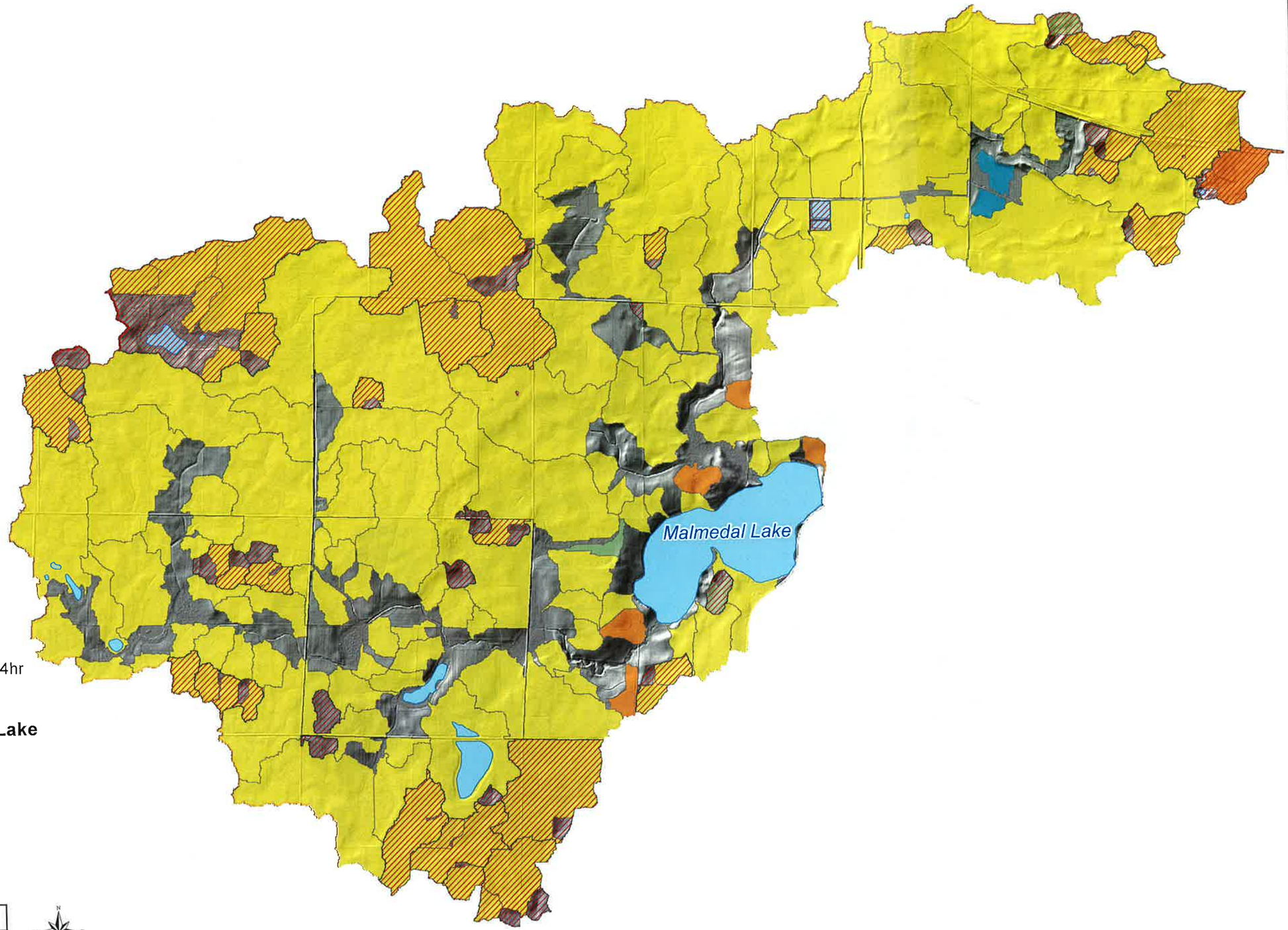
Highest Priority (Highest 10%)

Figure 12: Lake Minnewaska Overland Catchment WQI Ranking

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.45 0.9 1.8 Miles



NonContrib Drainage Area 10yr24hr

Lakes

Water Quality Index - Malmedal Lake

Lowest Priority (Lowest 10%)

Low Priority (10% - 25%)

Moderate (25% - 75%)

High Priority (75% - 90%)

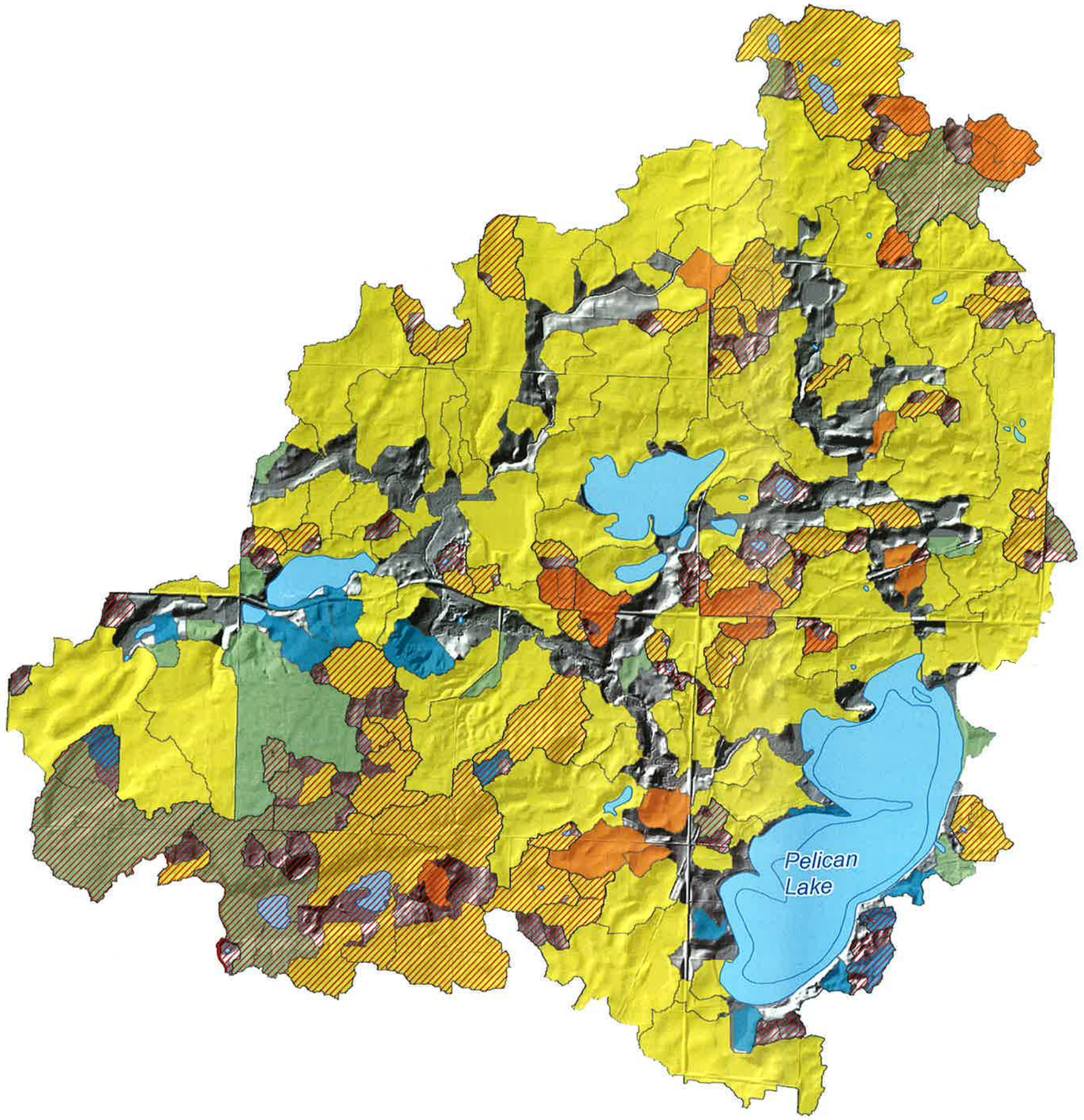
Highest Priority (Highest 10%)

Figure 13: Malmedal Lake Overland Catchment WQI Ranking

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.25 0.5 1 Miles



NonContrib Drainage Area 10yr24hr

Lakes

Water Quality Index - Pelican Lake

Lowest Priority (Lowest 10%)

Low Priority (10% - 25%)

Moderate (25% - 75%)

High Priority (75% - 90%)

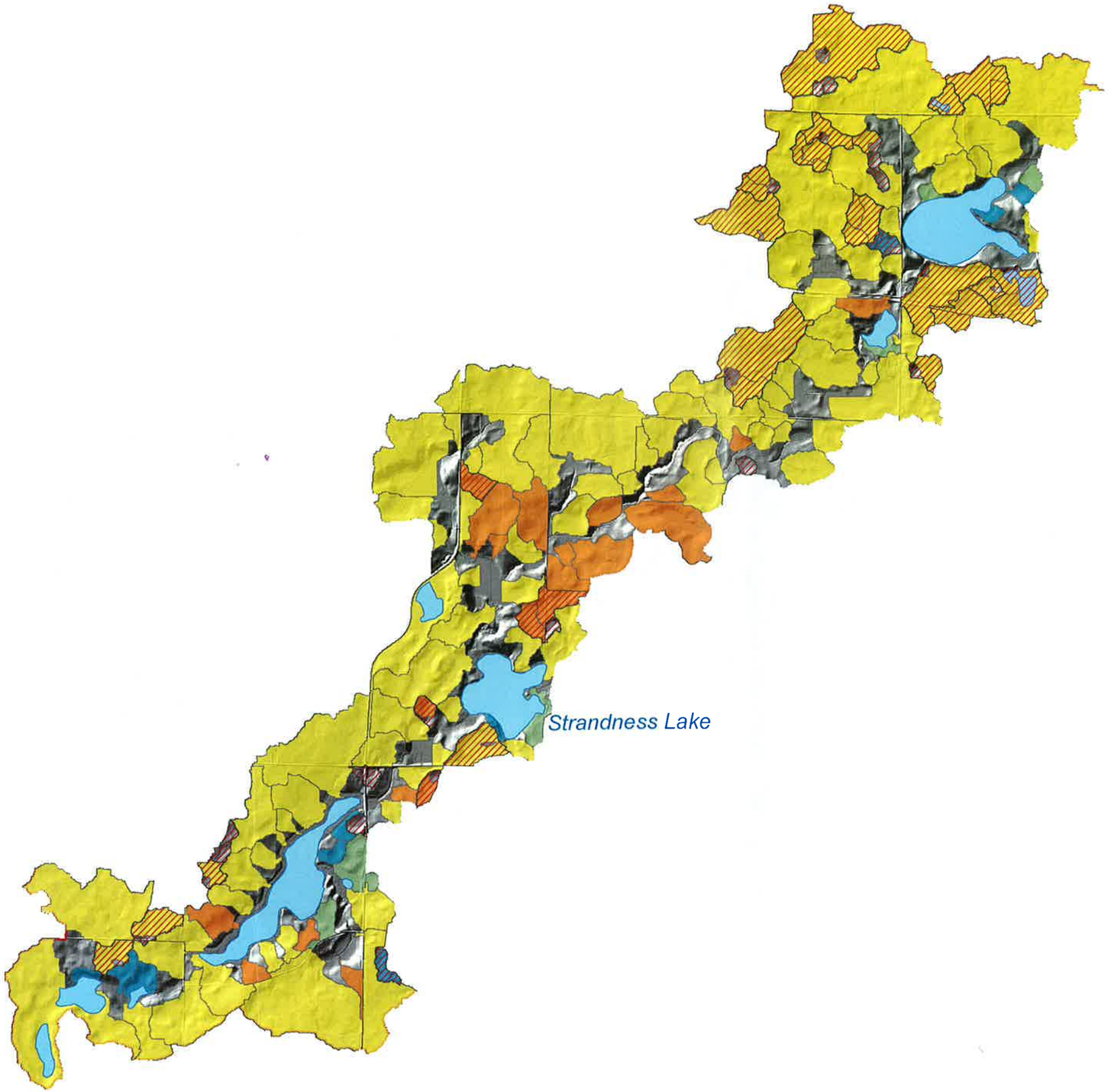
Highest Priority (Highest 10%)

Figure 14: Pelican Lake Overland Catchment WQI Ranking

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.25 0.5 1 Miles



NonContrib Drainage Area 10yr24hr

Lakes

Water Quality Index - Strandness Lake

Lowest Priority (Lowest 10%)

Low Priority (10% - 25%)

Moderate (25% - 75%)

High Priority (75% - 90%)

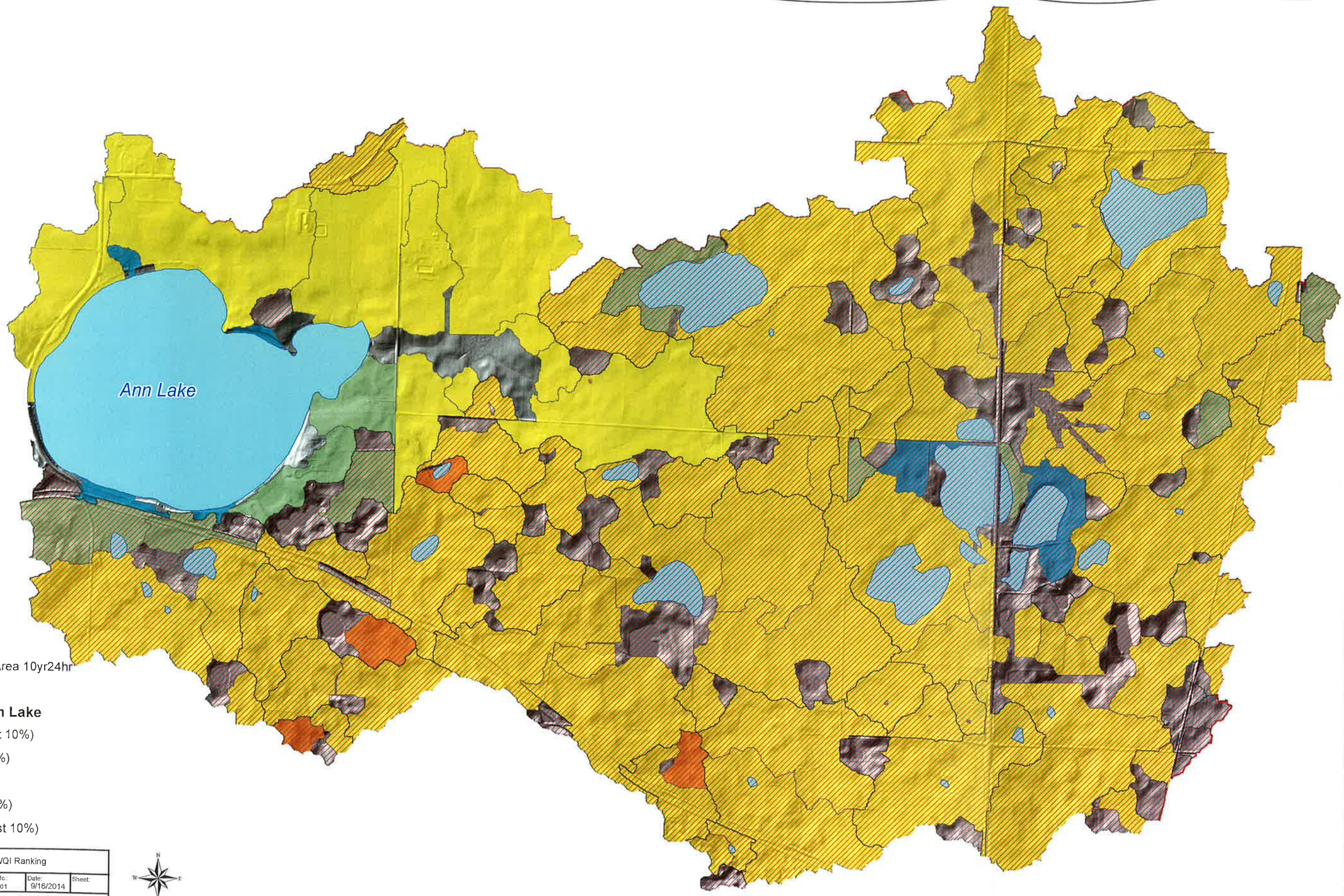
Highest Priority (Highest 10%)

Figure 15: Strandness Lake Overland Catchment WQI Ranking

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.25 0.5 1 Miles



NonContrib Drainage Area 10yr24hr

Lakes

Water Quality Index - Ann Lake

Lowest Priority (Lowest 10%)

Low Priority (10% - 25%)

Moderate (25% - 75%)

High Priority (75% - 90%)

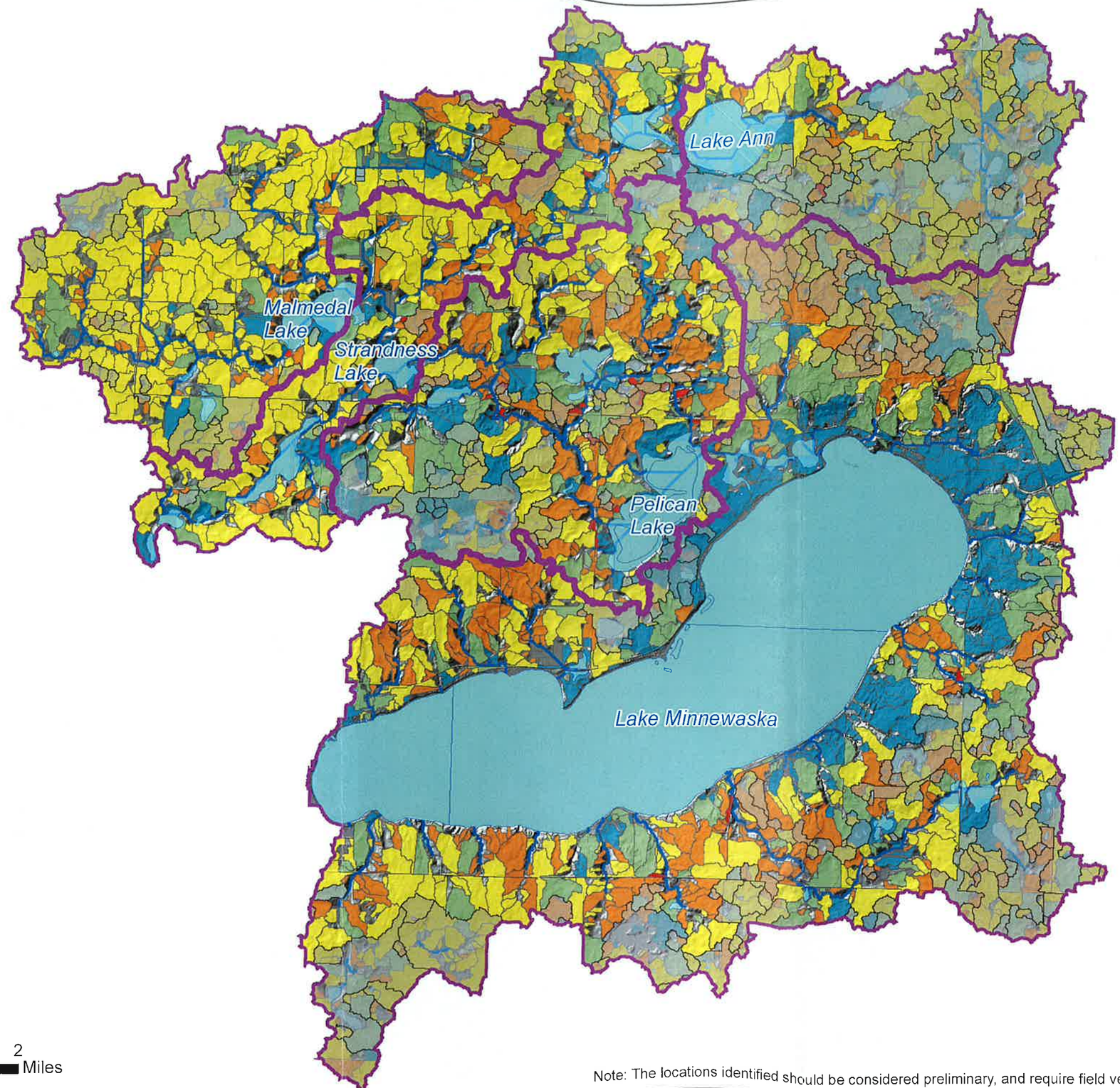
Highest Priority (Highest 10%)

Figure 16: Ann Lake Overland Catchment WQI Ranking

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.25 0.5 1 Miles



Total Subwatersheds

NonContrib Drainage Area 10yr24hr

Lakes

Sediment Catchments < 40 Acres

Lowest Priority (Lowest 50%)

Low Priority (50% - 65%)

Moderate (65% - 75%)

High Priority (75% - 85%)

Highest Priority (Highest 15%)

Flowpaths

In-channel

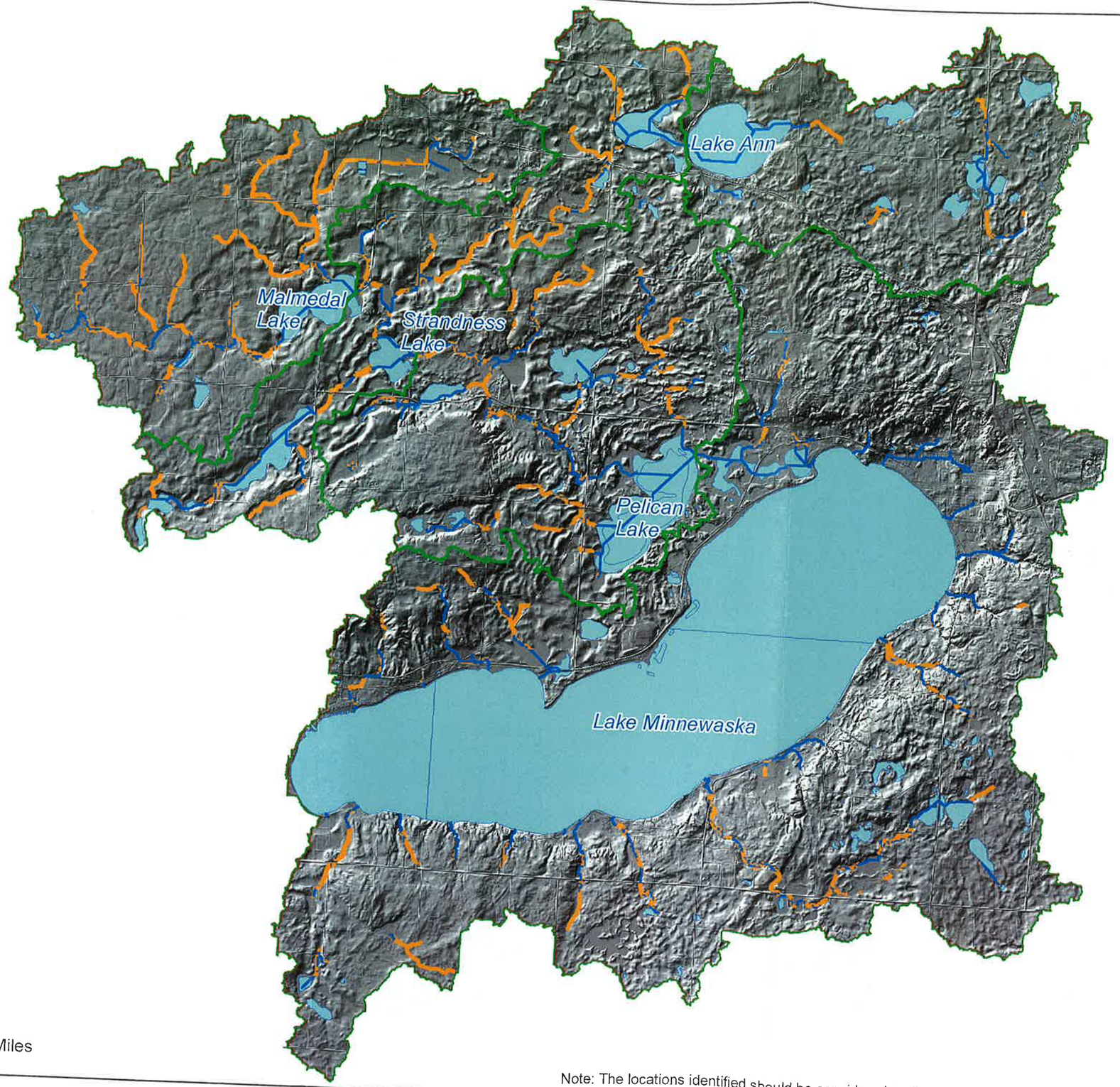
Figure 17 – Sediment Basin/WASCOB Suitability

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		6177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.5 1 2 Miles

Note: The locations identified should be considered preliminary, and require field verification.



Total Subwatersheds

Filter Strips

Flowpaths

In-channel

Lakes

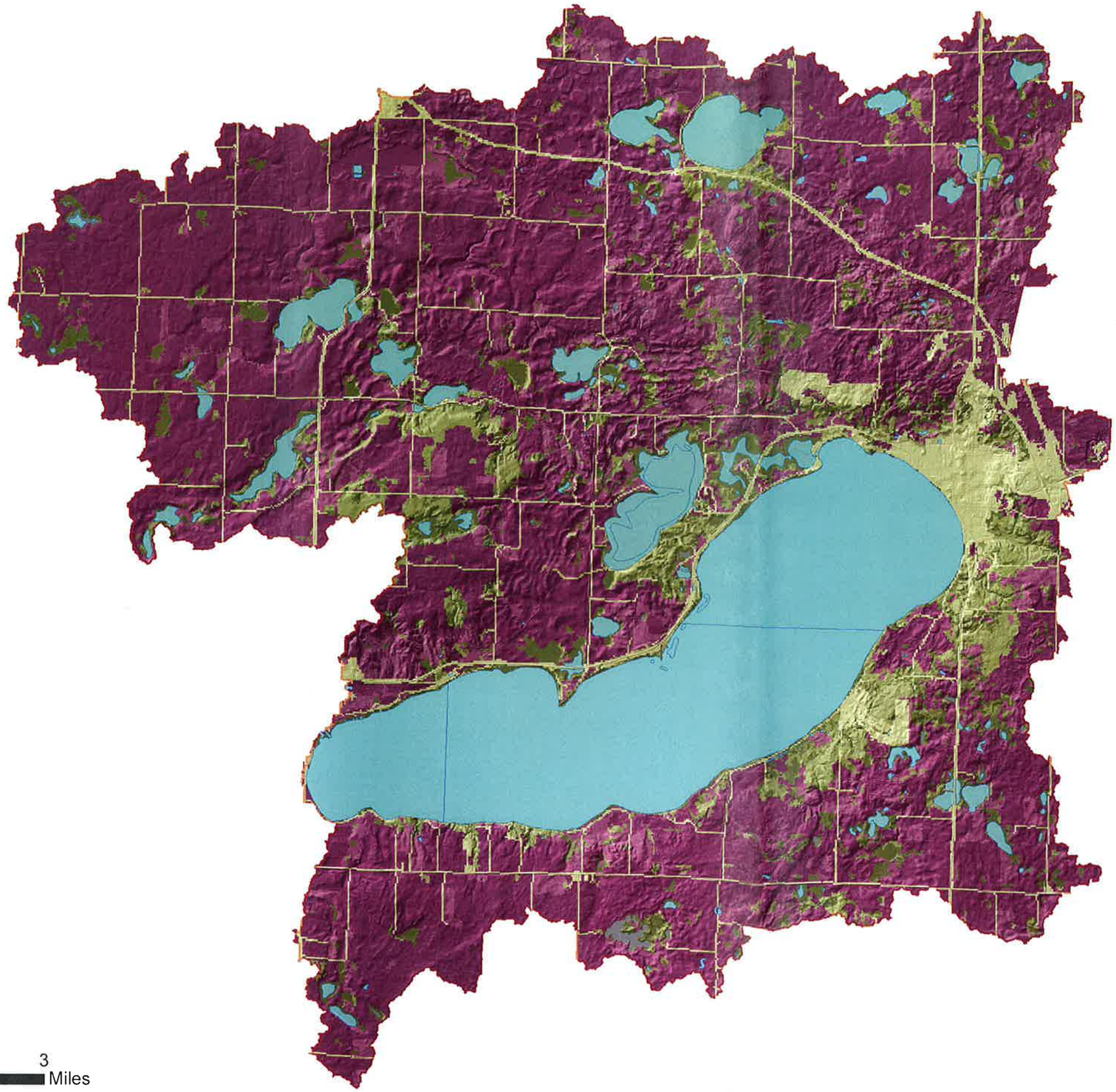
Figure 18 – Filter Strip Suitability

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	9/16/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

0 0.5 1 2 Miles

Note: The locations identified should be considered preliminary, and require field verification.



Lakes

C factor

High : 0.2

Low : 0

Curve Number

Scale	Drawn by:	Checked by:	Project No.	Date	Sheet
AS SHOWN	KZS		8177-001	8/29/2014	

Houston Engineering Inc.
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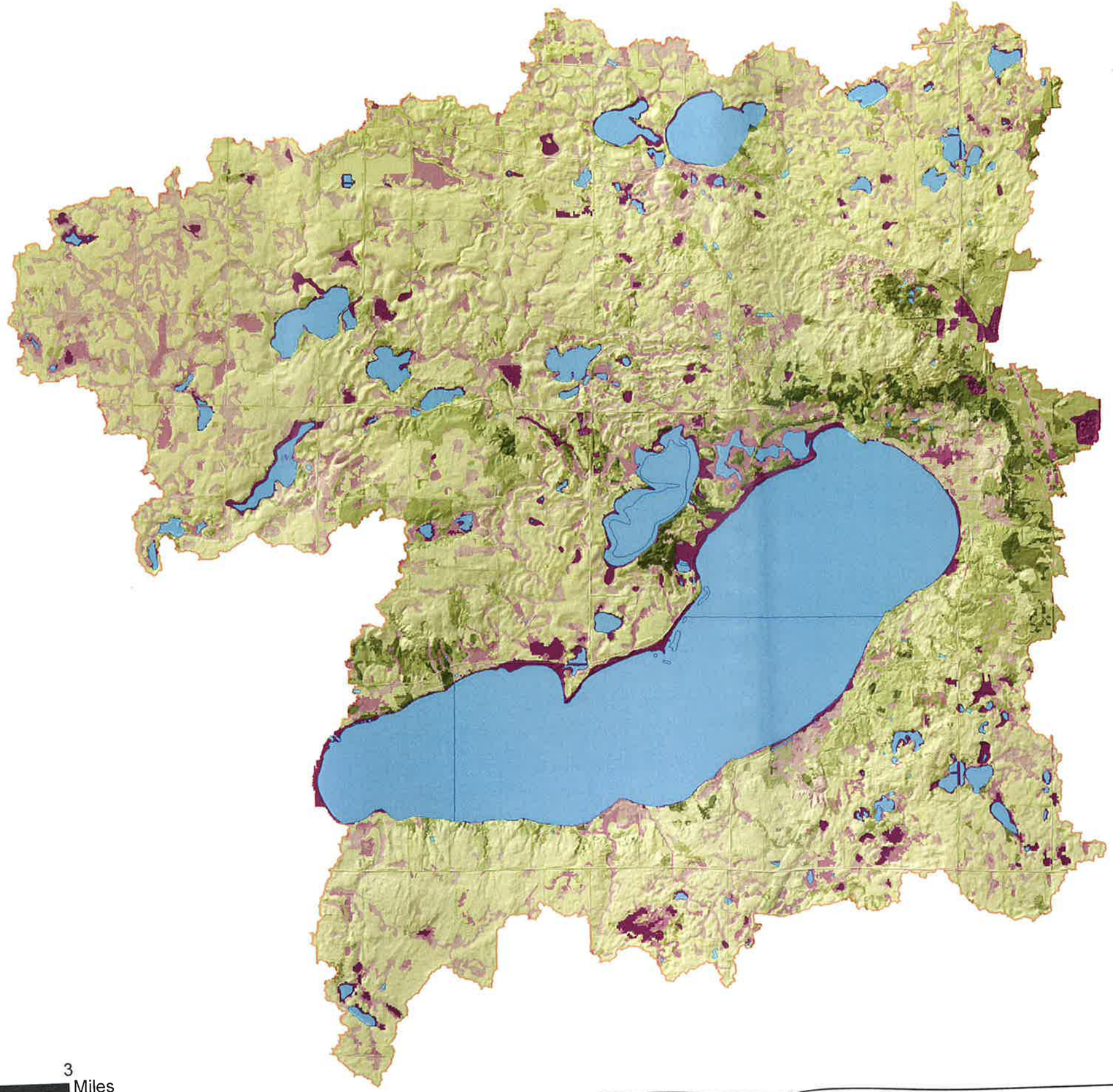
F: 763.493.5572

N W E S

0 0.75 1.5 3 Miles



Lakes

CN

High: 100

Low : 9

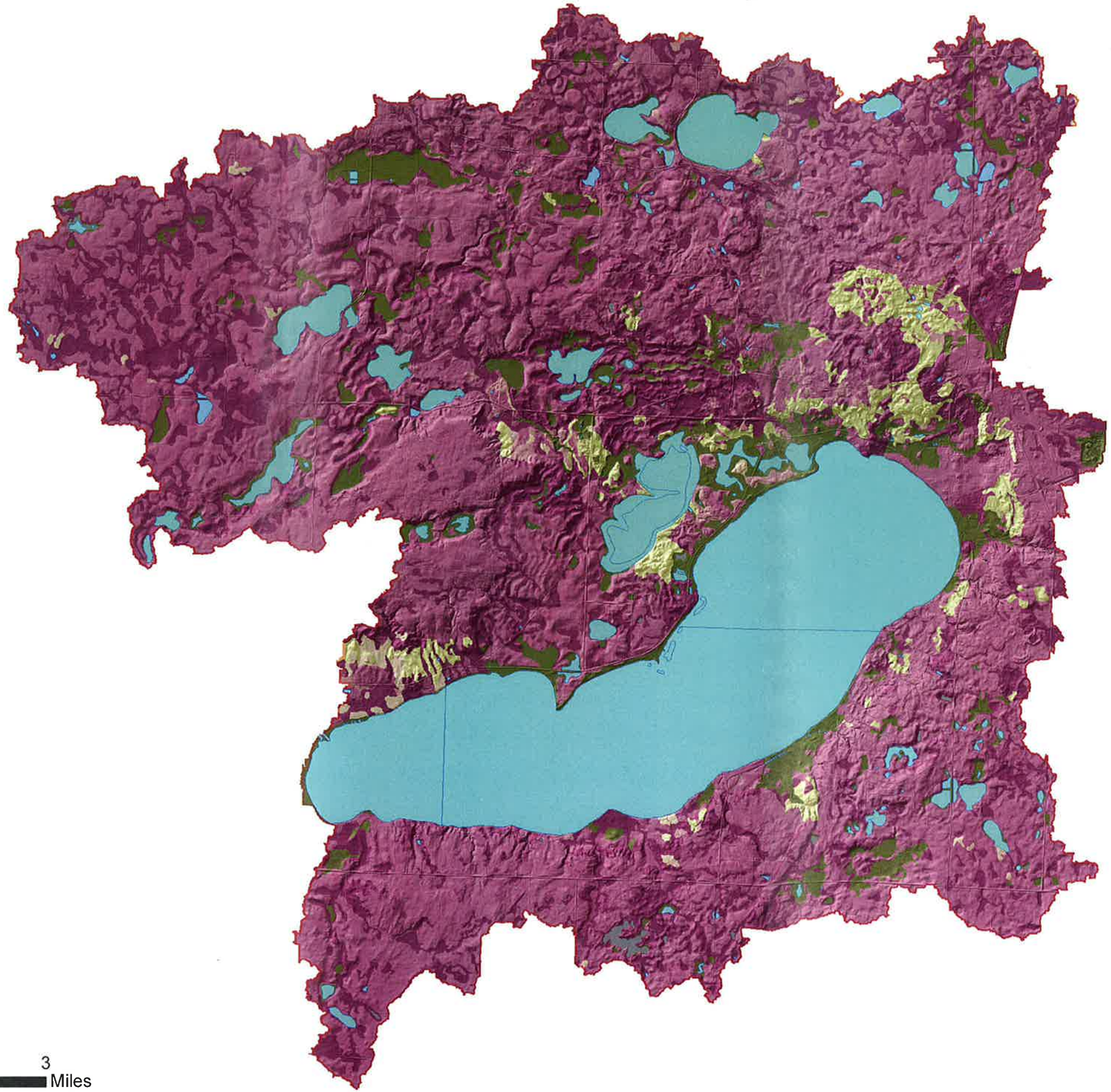
Curve Number					
Scale: AS SHOWN	Drawn by: KZS	Checked by:	Project No. 8177-001	Date: 8/29/2014	Sheet:

Houston Engineering Inc.

Maple Grove

P: 763.493.4522
F: 763.493.5572

0 0.75 1.5 3 Miles



Lakes

SSURGO Soils - Kw Factor

High : 0.37

Low : 0

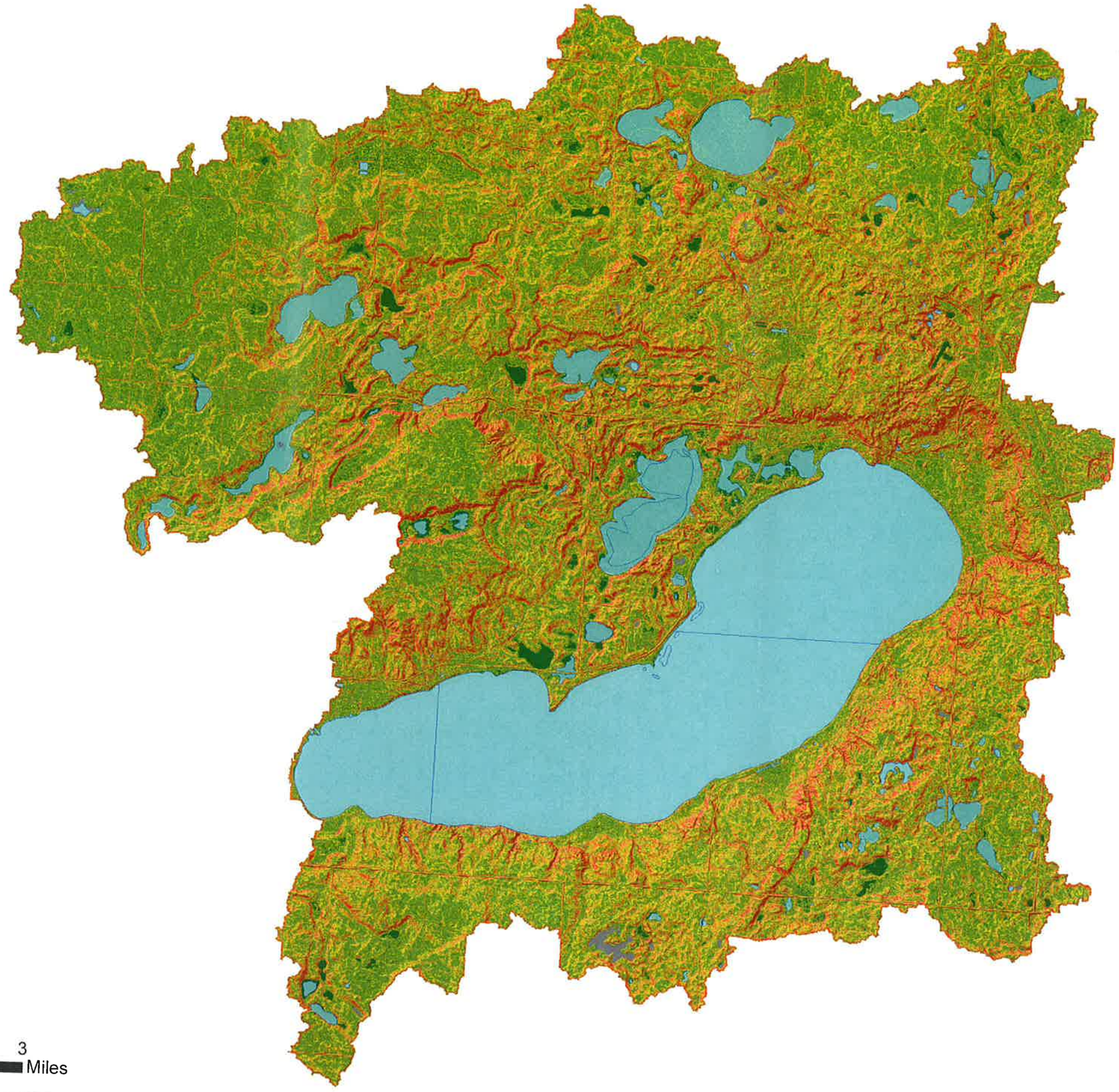
SSURGO Soils - Kw Factor					
Scale: AS SHOWN	Drawn by: KZS	Checked by:	Project No.: 8177-001	Date: 8/29/2014	Sheet:

Houston Engineering Inc.

Maple Grove

P: 763.493.4522
F: 763.493.5572

0 0.75 1.5 3 Miles



Lakes

LS Factor

- 0 - 0.1
- 0.1 - 0.5
- 0.5 - 1
- 1.0 - 3
- >3

LS Factor

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	8/29/2014	

Houston Engineering Inc.
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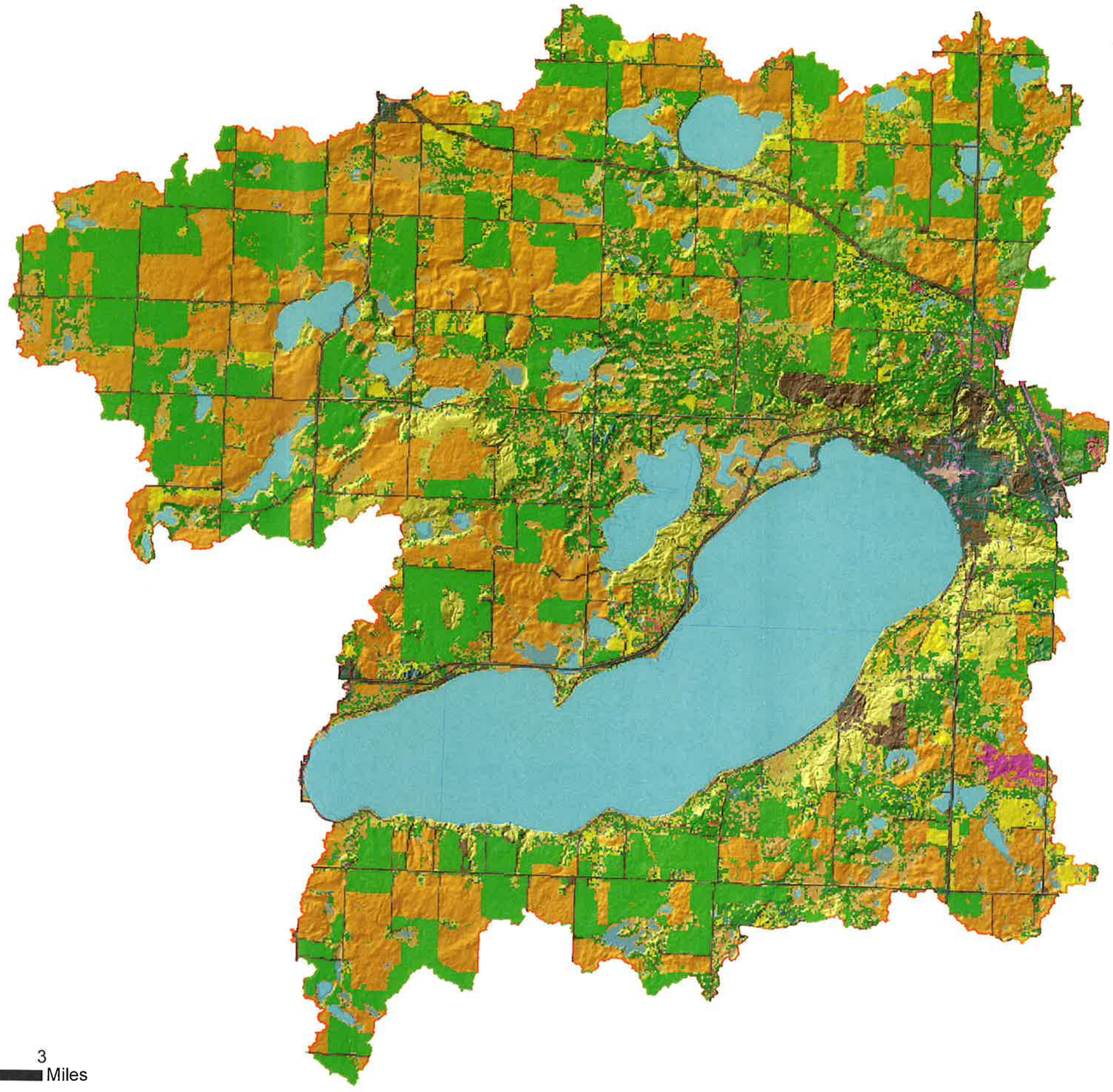
F: 763.493.5572

N W E S

0 0.75 1.5 3 Miles



- Lakes

NASS 2013

- Alfalfa
- Barley
- Barren
- Buckwheat
- Canola
- Clover/Wildflowers
- Corn
- Deciduous Forest
- Developed/High Intensity
- Developed/Low Intensity
- Developed/Med Intensity
- Developed/Open Space
- Dry Beans
- Evergreen Forest
- Fallow/Idle Cropland
- Grassland/Pasture
- Herbaceous Wetlands
- Mixed Forest
- Oats
- Open Water
- Other Crops
- Other Hay/Non Alfalfa
- Peas
- Potatoes
- Rye
- Shrubland
- Sod/Grass Seed
- Sorghum
- Soybeans
- Spring Wheat
- Sugarbeets
- Sunflower
- Sweet Corn
- Winter Wheat
- Woody Wetlands

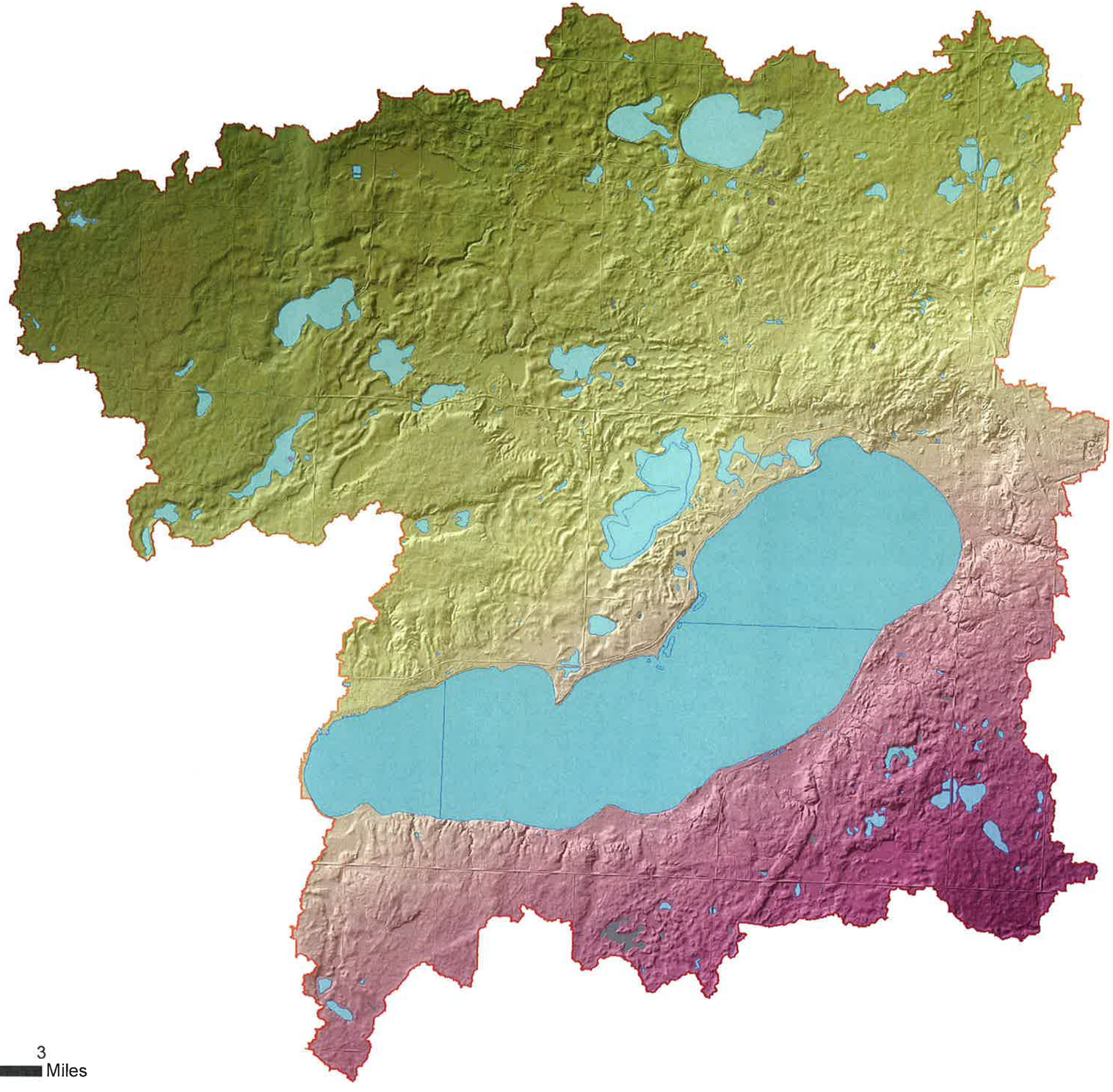
NASS 2013

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	8/29/2014	

Houston Engineering Inc.
Maple Grove
P: 763.493.4522
F: 763.493.5572

N W E S

0 0.75 1.5 3 Miles



Lakes

R Factor

High : 92.4

Low : 90.3

R Factor					
Scale: AS SHOWN	Drawn by: KZS	Checked by:	Project No : 8177-001	Date: 8/29/2014	Sheet:

Houston Engineering Inc.

Maple Grove

P: 763.493.4522
F: 763.493.5572

0 0.75 1.5 3 Miles

Lakes

Slope in Percent

High : 1138

Low : 0

Slope

Scale:	Drawn by:	Checked by:	Project No.:	Date:	Sheet:
AS SHOWN	KZS		8177-001	8/29/2014	

Houston Engineering Inc.

Maple Grove

P: 763.493.4522
F: 763.493.5572

0 0.75 1.5 3 Miles

puts.gdb

	Data Type	Summary	Attributes
	Raster	Raw DEM with 3 meter resolution and elevation values in feet.	
	Raster	Hillshade of the raw 3 meter DEM with standard settings applied.	
	Polyline	Used to account for subsurface drainage alterations to produce an accurate HydroDEM.	*Desktop Interpretation Source* – LiDAR, Aerial, LiDAR & Aerial *Confidence* – High, Medium, Low *Type* – Culvert, Bridge, Tile *Road Type* – Highway/County/Township, Field Approach, Field Crossing *Internal Review* – None, Flagged *Internal Review Comments* – Description of review needs
	Polyline	Used to create hydrologic barriers where required to produce an accurate HydroDEM.	*Desktop Interpretation Source* – LiDAR, Aerial, LiDAR & Aerial *Confidence* – High, Medium, Low

drology_Products.gdb

	Data Type	Summary	Attributes
	Raster	DEM with reconditioning applied not considering noncontributing areas and tile inlet as extractions	*Elevation value*
	Raster	DEM with reconditioning applied considering noncontributing during the XX-year and 24-hour rainfall event and tile inlet as extractions	*Elevation value*
	Raster	Sinks are filled within the entire watershed	*Elevation value*
	Raster	Sinks are filled within the contributing drainage area during the XX-year 24-hour rainfall event.	*Elevation value*
	Raster	Indicates the direction of flow from each cell within the entire watershed.	Flow direction value
	Raster	Indicates the direction of flow from each cell within the contributing drainage area during the XX-year 24-hour rainfall event.	Flow direction value
	Raster	The accumulated number of cells upstream of each cell within the entire watershed.	*Upstream Cell Count*
	Raster	The accumulated number of cells upstream of each cell within the contributing drainage area during the XX-year 24-hour rainfall event.	*Upstream Cell Count*
	Raster	Hydrologically reconditioned DEM.	*Elevation value*
	Polyline	LiDAR derived flowpaths for areas with > 5 acres of drainage area.	*Type – Flow Regime:* • Overland (greater than 5 acres of drainage area but less than 0.5 sq. km.) • In-channel (greater than 0.5 sq. km. drainage area) *WatershedType* – Indicates whether the catchment is: • Contributing surface drainage area • Non-contributing depression drainage area • Tile inlet drainage area
	Polygon	Total watershed area corresponding to the most downstream pour point.	*Square_Mi* – Drainage area in square miles. *Acres* – Drainage area in acres. *NonContrib_Sq_Mi* – Sum of non-contributing areas in watershed in square miles.

		conditioning process.	*Source* - LiDAR, Aerial, LiDAR & Aerial *Public System* – Yes, No *Confidence Level* – High, Medium, Low *Internal Review* – None, Flagged *Internal Review Comments* – Description of review needs
NonContrib_Basin_10yr24hr	Polygon	Footprint of non-contributing basins at the spill out elevation for the depressed area.	*GridCode* – Basin ID *Fill Depth* *Acres* – Depression area in acres.
NonContrib_DrainageArea_10yr24hr	Polygon	Drainage area to non-contributing basins.	*GridCode* – Corresponds to Basin ID *Square_Miles* – Drainage area leading to inlet in square miles. *Acres* – Drainage area in acres.
tt_hrs_w	Raster	The time of concentration (downstream travel time) for each grid cell estimated using a Travel Time Routine developed by the Minnesota Department of Natural Resources. This routine uses the NLCD landuse, slope, and stream network to calculate the travel time for water to travel from grid cell to grid cell on the DEM to the outlet of the watershed.	Value
tt_hrs_sw	Raster	The time of concentration (downstream travel time) for each grid cell to the outlet of the subwatershed.	Value
tt_hrs_fl	Raster	The time of concentration (downstream travel time) for each grid cell to the concentrated flow path.	Value
time_grid_sec	Raster	The time of travel in seconds to the downstream cell (cell to cell).	Value
CN	Raster	The curve number values were determined using methods presented in Technical Release 55 (Urban Hydrology for Small Watersheds) based on the combination of the hydrologic soil type (Soil Survey Geographic (SSURGO) Database) and the landuse (National Land Cover).	Value
Flowlength	Raster	Upstream flow length in meters	Value

Water_Quality_Products.gdb

File Name	Data Type	Summary	Attributes (Red means it can be queried in the viewer)
LS_Factor	Raster	Length/Slope factor used in RUSLE. It is created from the hydrologically conditioned DEM and methodology from USDA Agricultural Handbook No. 703.	Value
Kw_factor	Raster	K factor used in RULSE. It is taken from the SSURGO soils database.	Value
C_factor	Raster	Cover Management factor used in RUSLE. It is created from the hydrologically conditioned DEM and methodology from USDA Agricultural Handbook No. 703 using USDA-NASS data.	Value
NASS_2012	Raster	The National Agricultural Statistics Service (NASS) 20XXCropland Data Layer (CDL) was used for assigning C values for various land use practices in the study area.	Value
R_factor	Raster	The R-factor accounts for the impact of meteorological characteristics on erosion rates and is taken from the Minnesota NRCS field guide.	Value
Slope	Raster	Slope value in percent.	Value
SPI	Raster	Raster cell values represent the result of the SPI equation.	Value
sed_mass	Raster	The sediment mass in (tons/acre/year) leaving the landscape estimated using the Revised Universal Soil Loss Equation.	Value

sed_mass_fl	Raster	The estimated sediment mass (tons/acre/year) transported by overland flow reaching the nearest flow line computed as sed_mass multiplied by the overland sediment delivery ratio	Value
sed_mass_sw	Raster	The estimated sediment mass (tons/acre/year) transported by channelized flow reaching the subwatershed outlet computed as sl_mass_fl multiplied by the subwatershed sediment delivery ratio	Value
sed_mass_w	Raster	The estimated sediment mass (tons/acre/year) transported by channelized flow reaching the watershed outlet computed as sl_mass_fl multiplied by the watershed sediment delivery ratio	Value
sed_fl_sdr	Raster	The ratio of the sed_mass raster value that is delivered to the nearest flow line	Value
TP_mass	Raster	The estimated TP mass in (lbs/acre/year) leaving the landscape.	Value
TP_mass_fl	Raster	The estimated TP (lbs/acre/year) transported by overland flow reaching the nearest flow line computed as TP_mass multiplied by the overland delivery ratio.	Value
TP_mass_sw	Raster	The estimated TP (lbs/acre/year) transported by channelized flow reaching the subwatershed outlet computed as TP_mass_fl multiplied by the subwatershed delivery ratio	Value
TP_mass_w	Raster	The estimated TP (lbs/acre/year) transported by channelized flow reaching the watershed outlet computed as TP_mass_fl multiplied by the watershed delivery ratio	Value
TN_mass	Raster	The estimated TN mass in (lbs/acre/year) leaving the landscape.	Value
TN_mass_fl	Raster	The estimated TN (lbs/acre/year) transported by overland flow reaching the nearest flow line computed as TP_mass multiplied by the overland delivery ratio.	Value
TN_mass_sw	Raster	The estimated TN (lbs/acre/year) transported by channelized flow reaching the subwatershed outlet computed as TP_mass_fl multiplied by the subwatershed delivery ratio	Value
TN_mass_w	Raster	The estimated TN (lbs/acre/year) transported by channelized flow reaching the watershed outlet computed as TP_mass_fl multiplied by the watershed delivery ratio	Value

Derived_Water_Quality_Products.gdb

File Name	Data Type	Summary	Attributes (Red means it can be queried in the viewer)
Overland_Catchments	Polygon	Drainage area delineations using a threshold of 124 acres to define the transition from concentrated overland flow to in-channel flow. A minimum drainage area of 5 acres was also applied.	*Grid_code* – Unique ID for overland catchments *WatershedType* – Indicates whether the catchment is: • Contributing surface drainage area • Non-contributing depression drainage area *Area* – Overland catchment area in acres. *Square_Miles* – Drainage area in square miles. *WQI_mass* - WQI value computed as (0.5*sed_mass_rk + 0.25* TP_mass_rk + 0.25* TN_mass_rk) based on the mass/acre rate leaving the landscape from the overland catchment relative to other overland catchments in the watershed. *WQI_fl* - WQI value computed as (0.5*sed_mass_rk + 0.25* TP_mass_rk + 0.25* TN_mass_rk) based on the mass/acre rate reaching the overland catchment outlet relative to other overland catchments in the watershed. *WQI_sw* - WQI value computed as (0.5*sed_mass_rk + 0.25* TP_mass_rk + 0.25* TN_mass_rk) based on the mass/acre rate reaching the subwatershed outlet relative to other overland catchments in the watershed. *WQI_w* - WQI value computed as (0.5*sed_mass_rk + 0.25* TP_mass_rk + 0.25* TN_mass_rk) based on the mass/acre rate reaching Lake Minnewaska relative to other overland catchments in the watershed. *MeanSPI* - The average Stream Power Index rank for erosive potential within the overland catchment.

Catchment_Outlets	Point	The outlet for the overland catchment.	*Grid_code* – Unique ID for overland catchments *Acres* - Area measured in acres *Square_Miles* – Drainage area square miles. *WatershedType* – Indicates whether the catchment contributes to surface runoff, a noncontributing depression, or a tile inlet. *MeanSPI* - The average Stream Power Index rank for erosive potential within the overland catchment.
Subwatersheds	Polygon		*Grid_code* *Acres* - Area measured in acres *Square_Miles* – Drainage area square miles. *Sed_Mass* - Sum of "sed_mass_sw" raster values within the subwatershed (tons/year) *TP_Mass* - Sum of "TP_mass_sw" raster values within the subwatershed (lbs/year) *TN_Mass* - Sum of "TN_mass_sw" raster values within the subwatershed (lbs/year)
sed_mass_rank	Raster	The percentile rank of the sed_mass raster values using a normal distribution across the extents of the watershed	Value
TP_mass_rank	Raster	The percentile rank of the TN_mass raster values using a normal distribution across the extents of the watershed	Value
TN_mass_rank	Raster	The percentile rank of the TP_mass raster values using a normal distribution across the extents of the watershed	Value
WQI_mass	Raster	Water Quality Index for raw loading	Value - 0.5*sed_mass_rk + 0.25* TP_mass_rk + 0.25* TN_mass_rk
sed_mss_fl_rk	Raster	The percentile rank of the sed_mass raster values using a normal distribution across the extents of the watershed	Value
TN_mss_fl_rk	Raster	The percentile rank of the TN_mass_fl raster values using a normal distribution across the extents of the watershed	Value
TP_mss_fl_rk	Raster	The percentile rank of the TP_mass_fl raster values using a normal distribution across the extents of the watershed	Value
WQI_mass_fl	Raster	Water Quality Index at the field scale	Value - 0.5*sed_mss_fl_rk + 0.25* TP_mss_fl_rk + 0.25* TN_mss_fl_rk
sed_mss_sw_rk	Raster	The percentile rank of the sed_mass_sw raster values using a normal distribution across the extents of the watershed	Value
TN_mss_sw_rk	Raster	The percentile rank of the TN_mass_sw raster values using a normal distribution across the extents of the watershed	Value
TP_mss_sw_rk	Raster	The percentile rank of the TP_mass_sw raster values using a normal distribution across the extents of the watershed	Value
WQI_mass_sw	Raster	Water Quality Index at the subwatershed scale	Value - 0.5*sed_mss_sw_rk + 0.25* TP_mss_sw_rk + 0.25* TN_mss_sw_rk
sed_mss_w_rk	Raster	The percentile rank of the sed_mass_w raster values using a normal distribution across the watershed	Value
TN_mss_w_rk	Raster	The percentile rank of the TN_mass_w raster values using a normal distribution across the watershed	Value
TP_mss_w_rk	Raster	The percentile rank of the TP_mass_w raster values using a normal distribution across the watershed	Value
WQI_mass_w	Raster	Water Quality Index at the watershed scale	Value - 0.5*sed_mss_w_rk + 0.25* TP_mss_w_rk + 0.25* TN_mss_w_rk
SPI_rank	Raster	Percentile ranking of the SPI raster	Value
Acc_sed_fl_mass	Raster	The Sed_mass_fl raster accumulated in the downstream direction excluding cells upstream flow lengths less than 300 feet.	*Value*
Acc_sed_fl_mass_rnks	Raster	Percentile rankings of the Sed_mass_fl raster accumulated in the downstream direction and then a percentile rank is computed using a normal distribution across the watershed.	*Value*
Sediment_Catchments	Vector	Overland catchments less than 40 acres in size attributed with the mean accumulated sediment rank value of flowpaths within the catchment.	*Acres* - Area measured in acres *Sediment Rank* – Normal distribution percentile rank

Ranked_Sediment_Flowpaths	Raster	The flowpaths with > 300 feet of upstream flow length but less than 40 acres of upstream contributing area are classified into prioritization categories based on the Sed_mass_fl_rnks percentile ranks.	*Implementation_Priority_Level* • *Extremely Low: <65% Percentile* • *Low: 65-75% Percentile* • *Moderate: 75-85% Percentile* • *High: 85-95% Percentile* • *Very High: >95% Percentile*
Buffer Area	Polygon	The areas suitable for installation of vegetated buffer strips based on the suitability criteria.	*Acres*
Buffer Drainage Area	Raster	The drainage areas to areas determined suitable for vegetative buffer strips.	*Acres* - Area measured in acres