



<u>LEGEND</u>

LAND DISTURBANCE LIMITS: 1.65 ACRES
PROPOSED SILT FENCE
PROPOSED CONSTRUCTION FENCE

STORM DRAIN INLET PROTECTION

STONE TRACKING PAD

TEMPORARY EROSION CONTROL MATTING

CONSTRUCTION SEQUENCE

. INSTALL AND MAINTAIN SILT FENCE STARTING 6/6/2022 THROUGH THE END OF CONSTRUCTION.

2. INSTALL AND MAINTAIN CONSTRUCTION ENTRANCE STARTING 6/6/2022 UNTIL THE SITE IS PAVED IN MID SEPTEMBER. THIS IS THE ONLY EXIT TO BE USED FOR ALL CONSTRUCTION ACTIVITIES. CONTRACTOR MAY ADJUST

WETLAND LIMITS PER DELINEATION BY raSmith DATED 8/12/2015

- LOCATIONS TO FACILITATE CONSTRUCTION PHASING
 3. INSTALL AND MAINTAIN STORM DRAIN INLET PROTECTION ON EXISTING INDICATED STORM INLETS STARTING
- 6/6/2022 THROUGH THE END OF CONSTRUCTION.

 4. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL BMPs WHEN SITE WORK REQUIRES IT SUCH AS ADDITIONAL
- SILT FENCE AROUND STOCK PILE (IF ANY).
 5. CONSTRUCT UTILITIES AND INSTALL ADDITIONAL STORM DRAIN INLET PROTECTION TO INLETS AS SOON AS THEY
- 5. CONSTRUCT UTILITIES AND INSTALL ADDITIONAL STORM DRAIN INLET PROTECTION TO INLETS AS SOON AS THEY ARE CONSTRUCTED. (WEEK OF 6/20/2022)

 6. PREPARE PARKING LOT SUBGRADE. INSTALL CURB AND GUTTER AND PAVE SITE. (8/29/2022—9/9/2021)
- 7. APPLY SEED FERTILIZER AND MULCH TO LANDSCAPE LAWN AREAS AS SOON AS POSSIBLE. (WEEK OF 9/19/2021)
 8. CONTRACTOR SHALL REMOVE ALL REMAINING TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION (11/19/2022, ~2 MONTHS AFTER LANDSCAPING)

LAND DISTURBANCE TIME: JUNE 6, 2022 TO OCTOBER 7, 2022

| ESTIMATED EROSION CONTROL QUANTITIES (ACTUAL QUANTITIES SUBJECT TO CHANGE) | | | | | |
|--|------------|--|--|--|--|
| ITEM | QUANTITY | | | | |
| CONSTRUCTION ENTRANCE | 1 | | | | |
| STORM DRAIN INLET PROTECTION | 8 | | | | |
| SILT FENCE | 1,122 L.F. | | | | |
| STRAW WATTLE | AS NEEDED | | | | |

NOTE: FOR MAINTENANCE PURPOSES, CONTRACTOR SHALL MAINTAIN EROSION CONTROL PER DNR REQUIREMENTS THROUGHOUT ALL PHASES OF THE PROJECTS CONSTRUCTION. COST FOR MAINTENANCE SHALL BE INCLUDED AND CONSIDERED INCIDENTAL TO BID PRICE

PROJECT DATA

-ALL SILT FENCE MUST BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE CITY PRIOR TO ANY SITE WORK.

-SITE EROSION CONTROL MEASURES MUST BE IN PLACE AT ALL TIMES. SHOULD DEVICES BE REMOVED FOR WORK ACCESS, THEY SHALL BE REINSTALLED AT THE END OF EACH WORK DAY UNTIL PAVEMENTS HAVE BEEN INSTALLED AND ALL LANDSCAPE AREAS HAVE BEEN MULCHED AND SODDED. SEEDED AREAS MUST EXHIBIT MINIMUM OF 70% SOIL COVERAGE.

-REFER TO THE SWPPP PLAN NOTES AND DETAIL SHEETS $\underline{\mathsf{SWPP}}\ 2-4$ FOR MORE INFORMATION.

-THIS SITE IS WITHIN THE EAGLE CREEK-FOX RIVER BASIN.

-THE SITE IS ALMOST ENTIRELY CLASSIFIED BY USGS WEB SOIL SURVEY AS SILT LOAM SOILS (LOAM SOIL GROUP C)

-LOCATE SOIL STOCKPILES AWAY FROM CHANNELIZE FLOW AND NO CLOSER THAN 25 FEET FROM ROADS, DITCHES, LAKES, STREAM, PONDS, WETLANDS OR ENVIRONMENTAL CORRIDORS, UNLESS OTHERWISE APPROVED BY THE AUTHORITY. CONTROL SEDIMENT FROM SOIL STOCKPILES. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 7 DAYS SHALL BE STABILIZED.

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KWIK Star

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PRELIMINARY PLANS FOR MUNICIPAL REVIEW ONLY

CONVENIENCE STORE #1

USLE EXHIBIT

| # DATE | DESCRIPTION |
|----------|--------------------|
| | |
| | |
| | |
| | |
| | |
| | |
| DDAMM DV | CBW |
| DRAWN BY | ODVV |
| SCALE | |
| | GRAPHIC 3210028 |
| SCALE | GRAPHIC |



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.0 (06-29-2017)

| WISCONSIN DEPT. OF NATURAL RESOURCES |
|--------------------------------------|

Version 1.0

YEAR 1

Developer: Kwik Trip

Project: Store #1219

Date: 10/19/21

County: Waukesha

| Activity (1) | | Begin Date (2) | End Date (3) | Period % R (4) | Annual R Factor (5) | | Soil Erodibility K Factor (7) | Slope (%) (8) | Slope Length (ft) (9) | LS Factor (10) | Land Cover C Factor (11) | Soil loss A (tons/acre) (12) | SDF (13) | Sediment Control Practice (14) | Sediment Discharge (t/ac) (15) |
|-----------------|---|----------------------|-----------------|----------------------|------------------------|------|-------------------------------------|---------------------|--------------------------------|----------------------|--------------------------------|------------------------------------|-------------|--------------------------------------|--------------------------------------|
| | | | | | | | | | | | | | | | |
| Bare Ground | • | 06/06/22 | 09/19/22 | 65.1% | 130 | Loam | 0.37 | 1.4% | 144 | 0.17 | 1.00 | 5.5 | 1.108 | Inlet Protection - | 4.2 |
| | | | | | | | | | | | | | | | |
| Seeding | - | 09/19/22 | 11/19/22 | 10.3% | 130 | Loam | 0.37 | 7.4% | 37 | 0.54 | 0.40 | 1.1 | 0.749 | Silt Fence | 0.5 |
| | | | | | | | | | | | | | | | |
| End | | 11/19/22 | | | | | | 7.4% | 37 | 0.54 | | | 0.000 | - | 0.0 |
| | | | | | | | | | | | | | | | |
| | v | | | | | | | 7.4% | 37 | 0.54 | | | 0.000 | - | 0.0 |
| | | | | | | | | | | | | | | | |
| | ¥ | | | | | | | 7.4% | 0 | | | | 0.000 | - | 0.0 |
| | | | | | | | | | | | | | | _ | |
| | • | | | | | | | 0.0% | 0 | | | | 0.000 | - | 0.0 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | TOTAL | 6.5 | | TOTAL | 4.7 |
| Notes: | | | | | | | | | | | | | | % Reduction | NONE |

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.

The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.

For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

Recommended Permanent Seeding Dates:

4/1-5/15 and 8/7-8/29 Turf, introduced grasses and legumes
Thaw-6/30 Native Grasses, forbs, and legumes

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Required

| Designed By: | |
|--------------|--|
| Date | |