

SOIL MAP



PROJECT LOCATION AREA MAP



PROJECT LOCATION SOILS MAP

SOILS TYPE LEGEND

50009	KESWICK SILT LOAM, 9 TO 14 PERCENT SLOPES, ERODED.
60234	WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES.

SWPPP CONTACT DATA

SITE ADDRESS	LOT 4 & 5, CALEDONIA CENTER, OFALLON, MO 63368
OWNER	CALEDONIA REAL ESTATE
CONTACT NUMBER	636-265-2710 (JOE CARADONNA)
EMERGENCY CONTACT	TO BE DETERMINED
SITE OPERATOR	TO BE DETERMINED

SWPPP SITE DATA

TOTAL SITE AREA	3.35 ACRES
ON-SITE DISTURBED AREA	3.40 ACRES
OFF-SITE DISTURBED AREA	0 ACRES
TOTAL DISTURBED AREA	3.40 ACRES

ST. LOUIS COUNTY LIST OF BEST MANAGEMENT PRACTICES			
ITEM	QUANTITY	UNIT COST	TOTAL COST
WASHDOWN STATION & CONSTRUCTION ENTRANCE (TEMPORARY)	1 EA	\$3,500.00	\$3,500.00
INLET CONTROL (TEMPORARY)	13 EA	\$165.55/EA	\$2,152.15
SILT FENCE (TEMPORARY)	850 LF	\$3.83/LF	\$3255.50
WATTLES (808-65-00)	0 LF	\$3.83/LF	\$0.00
SEEDING (TEMPORARY)	.60 AC	\$2,500/AC	\$1500.00
MULCHING (TEMPORARY)	.60 AC	\$2,500/AC	\$1,500.00
TOTAL COST			\$11,907.65

SWPPPP CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS PRE-CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS AND REGULATIONS OF ST. CHARLES COUNTY AND THE MISSOURI DEPARTMENT OF NATURAL RESOURCES. TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED IN THIS PLAN IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWN VIOLATIONS. ALL SWPPP REVISIONS AND ADJUSTMENTS BY THE SITE OPERATOR AFTER CONTRACT AWARD, AND RESULTANT INSTALLATIONS THEREFROM, SHALL BE UNDER SEPARATE AND SUBSEQUENT CERTIFICATION(S) BY THE SITE OPERATOR.

SIGNATURE: _____ DATE: 06/xx/2024

NAME: DAVID DOBKOWSKI
TITLE: CIVIL ENGINEER

GENERAL NOTES

- ALL BIDDING CONTRACTORS, SUBCONTRACTORS, AND SUBTIERS ARE ENTIRELY RESPONSIBLE FOR ALL QUANTITY TAKEOFFS PRIOR TO SUBMITTING BIDS AND PROVIDING BALANCED UNIT PRICES FOR ALL WORK ITEMS. UNBALANCED BIDS WILL BE CONSIDERED TO BE DISQUALIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING OR VERIFYING THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, AND STATE AGENCIES PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES IN THE VICINITY OF THE CONSTRUCTION AREA PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING AND COORDANATING CONSTRUCTION WITH ALL RESPECTIVE UTILITIES.
- THE CONTRACTOR SHALL PROVIDE OFF-STREET PARKING FOR ALL EMPLOYEES AND SUBCONTRACTORS.
- NO MUD OR CONSTRUCTION DEBRIS OF ANY KIND MAY BE TAKEN OR TRACKED OFFSITE ONTO PUBLIC ACCESS ROUTES. THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, SHALL IMMEDIATELY REMOVE ALL SUCH MUD OR DEBRIS FROM PUBLIC ACCESS ROUTES.
- EXISTING CONTOURS REPRESENT THE GROUND AND PAVEMENT SURFACES EXISTING ON THE DATE OF THE SURVEY. THE CONTRACTOR SHALL PERFORM A PRELIMINARY TOPOGRAPHIC SURVEY AND NOTIFY THE PROJECT MANAGER OF ANY DISCREPANCIES (BETWEEN PLAN AND ACTUAL CONDITIONS) AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF LAYOUT OF PROPOSED WORK. ANY QUESTIONS REGARDING THE LAYOUT OF WORK DURING OR AFTER LAYOUT SHALL BE DIRECTED TO THE PROJECT MANAGER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF ACTUAL CONSTRUCTION WORK.
- ALL CONTROL POINTS SHOWN ON THE DRAWINGS SHALL BE PRESERVED. IF DAMAGED, THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE THEM.
- DIMENSIONS SHALL NOT BE SCALED FROM PLAN SHEETS EXCEPT WHEN PERFORMING LAYOUT OF PROPOSED GRADING CONTOURS. ELECTRONIC DESIGN FILES WILL BE AVAILABLE FOR USE BY THE CONTRACTOR AS INSTRUMENTS OF SERVICE.
- SITE GRADING AND PAVING SHALL BE LAID OUT AND PERFORMED CONSIDERING LINEAR INTERPOLATION BETWEEN GRADING CONTOURS AND SPOT ELEVATIONS SHOWN ON THE GRADING PLAN.
- GRADING PLANS, PROFILES, AND DETAILS HAVE BEEN DESIGNED TO PROVIDE ADEQUATE POSITIVE SURFACE DRAINAGE AT ALL LOCATIONS WITHIN THE FOOTPRINT OF IMPROVEMENTS. NO DEVIATIONS FROM PLANS, PROFILES, AND DETAILS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE PROJECT MANAGER PRIOR TO COMMENCEMENT OF WORK.
- ALL REQUESTS FOR CLARIFICATION REGARDING PROPOSED GRADING CONTOURS AND INTERPRETATION BETWEEN PROFILES, SECTIONS, DETAILS AND CONTOURS SHALL BE DIRECTED TO THE PROJECT MANAGER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF LAYOUT OF PROPOSED WORK.
- ANY QUESTIONS REGARDING COORDINATION BETWEEN PLAN, PROFILE AND DETAIL SHEETS OR LAYOUT SHALL BE DIRECTED TO THE PROJECT MANAGER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF ACTUAL CONSTRUCTION WORK.
- THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS AND NEW WORK. THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, PRIOR TO FINAL SURFACE TREATMENT OR PAVING, SHALL REWORK ALL DAMAGED OR PONDED AREAS.
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS FOR EXCAVATIONS: FINAL RULE 29 CFR PART 1926, SUBPART "P" APPLIES TO ALL EXCAVATIONS EXCEEDING FIVE (5) FEET IN DEPTH.
- EXCAVATION EXCEEDING TWENTY (20) FEET IN DEPTH REQUIRE THE DESIGN OF A TRENCH SAFETY SYSTEM BY A REGISTERED PROFESSIONAL ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING QUALITY CONTROL THROUGHOUT THIS PROJECT.
- TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO CONFORM TO APPLICABLE LOCAL STANDARDS.
- THE ENGINEER AND OWNER DISCLAIM ANY ROLE IN THE CONSTRUCTION MEANS AND METHODS ASSOCIATED WITH THE PROJECT AS DETAILED IN THESE PLANS.
- ANY EXISTING STORM DRAINAGE OR SANITARY SEWER PIPES ENCOUNTERED DURING EXCAVATION SHALL BE REPAIRED AND CONNECTED TO NEW STORM SEWERS.

SITE OPERATORS' SWPPP REQUIREMENTS AND DUTIES

THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDES THE FOLLOWING INFORMATION THAT SHALL BE UPDATED AS NECESSARY BY THE SITE OPERATOR AS DESCRIBED HEREIN:

- NAMES, ADDRESSES AND TELEPHONE NUMBERS OF THE SITE OWNER AND SITE OPERATOR AND THE NAME(S), ADDRESS(ES) AND TELEPHONE NUMBER(S) OF THE INDIVIDUAL(S) IN OVERALL RESPONSIBLE CHARGE OF CONSTRUCTION AND DEVELOPMENT ACTIVITIES AT THE SITE.
 - IF MORE THAN ONE INDIVIDUAL IS RESPONSIBLE FOR THE SITE, THE AREAS OF THE SITE OVER WHICH EACH INDIVIDUAL HAS CONTROL SHALL BE IDENTIFIED.
 - ONLY PERSONS WHO ARE ON THE COUNTY'S SPECIAL INSPECTOR LIST CAN BE RESPONSIBLE FOR INSPECTION OF BMP'S.
- THE SWPPP SHALL BE UPDATED BY THE SITE OPERATOR TO ADDRESS STAGED WORK AND TEMPORARY CONDITIONS THAT WILL REQUIRE ADJUSTMENTS TO BMPS SHOWN ON THE SWPPP.
- SWPPP UPDATES SHALL ADDRESS:
 - NEW AREAS TO BE DISTURBED
 - NEW HAUL ROUTES AND STAGING AREAS
 - TEMPORARY EQUIPMENT STORAGE AREAS
 - TEMPORARY STOCKPILES
- BMPs SHOWN ON THE SWPPP SHALL BE ALTERED AS NECESSARY TO SUIT THE EVOLVING CHARACTERS OF THE DISTURBED AND EXPOSED AREAS, CONSIDERING THE SIZES OF AREAS AND STEEPNESS OF SLOPES.
- IF EXPOSED SLOPES ARE STEEPER THAN 3:1 (3 FEET HORIZONTAL TO 1 FOOT VERTICAL) OR IF SLOPES ARE STEEPER THAN 3% AND GREATER THAN 150 FEET IN LENGTH, THE SITE OPERATOR SHALL IMMEDIATELY ESTABLISH TEMPORARY STABILIZATION WHEN THE AREAS ARE EXPECTED TO BE UNWORKED FOR ONE WEEK.
- FINAL STABILIZATION OPERATIONS MUST BE SEQUENCED WITH COMPLETION OF AREAS, INITIATED IMMEDIATELY UPON COMPLETION, AND FINISHED WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETION.
- FORMAL UPDATES TO THE SWPPP MAY BE REQUIRED BY THE COUNTY AS DESCRIBED IN SECTION 103.0 OF THE CODE.

SWPPP NOTES

- REFER TO C101, C102, AND C104 FOR LOCATION OF ACCESS TO THE CONSTRUCTION SITE.
- REFER TO C001, C002 AND C103 FOR SITE INFORMATION.
- REFER TO C101 AND C102 FOR EXISTING AND PROPOSED SITE TOPOGRAPHY.
- REFER TO C102, C300 AND C600 FOR WATERSHEDS AND POINT DISCHARGE LOCATIONS.
- REFER TO C300 FOR MAJOR CUT AND FILL AREAS.
- THE FOLLOWING IS A DESCRIPTION OF PRE-, STAGED, AND POST-CONSTRUCTION BEST MANAGEMENT PRACTICE (BMP) MEASURES TO PREVENT SILTATION, EROSION, AND SEDIMENT-LADEN STORMWATER RUNOFF:
 - THE CONTRACTOR SHALL ESTABLISH PERIMETRAL SILTATION CONTROL PRIOR TO ANY CONSTRUCTION ACTIVITIES. COUNTY APPROVAL OF INSTALLED SILTATION CONTROL IS REQUIRED PRIOR TO COMMENCING WORK.
 - TEMPORARY CONSTRUCTION ENTRANCES SHALL BE INSTALLED WHERE SITE ACCESS LOCATIONS CONNECT WITH PUBLIC ROADWAYS.
 - DURING MUDDY CONDITIONS, VEHICLE OPERATORS WILL BE REQUIRED TO WASH THEIR WHEELS BEFORE ENTERING PUBLIC ROADWAYS.
 - IF SEDIMENT IS TRANSPORTED ONTO PUBLIC ROADWAYS, THE ROADWAYS SHALL BE CLEANED AT THE END OF EACH DAY BY SHOVELING OR SWEEPING.
 - STREET WASHING WILL ONLY BE ALLOWED AFTER SEDIMENT IS SHOVELED OR SWEEPED FROM THE ROADWAY AND TRANSPORTED TO AN ONSITE LOCATION.
 - TEMPORARY CONSTRUCTION ROADS WITHIN SITE BOUNDARIES SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE. SLOPES SHALL NOT EXCEED 10-PERCENT SLOPE.
 - THE CONTRACTOR SHALL CLEAR AND GRUB SITE AREAS AS SOON AS POSSIBLE BEFORE REMOVING TOPSOIL AND COMMENCING EARTHWORK OPERATIONS.
 - ALL CLEARED AND GRUBBED AREAS SHALL BE CONTINUOUSLY PROTECTED WITH SILTATION CONTROL FOR THE DURATION OF EARTHWORK OPERATIONS.
 - ANY MINOR CLEARING AND/OR GRADING PRIOR TO INSTALLING SILTATION CONTROL SHALL BE COMPLETED IN A TIMELY MANNER AND WITH SILTATION CONTROL MEASURES INSTALLED IMMEDIATELY FOLLOWING THE WORK.
 - CLEARED AND GRUBBED MATERIAL SHALL BE STOCKPILED SEPARATELY FROM TOPSOIL, AWAY FROM ALL CONSTRUCTION ACTIVITY AND OUT OF POINT-DISCHARGE RUNOFF PATHWAYS.
 - PERIMETERS OF TOPSOIL STOCKPILES SHALL BE PROTECTED FROM RECEIVING RUN-ON ON THEIR UPSTREAM SIDES AND DISCHARGING SEDIMENT-LADEN RUNOFF FROM THEIR DOWNSTREAM SIDES. STOCKPILES SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
 - TEMPORARY DRAINAGE IMPROVEMENT BMPs SUCH AS CHECK DAMS AND SEDIMENT COLLECTION PONDS SHALL BE INSTALLED AS EARLY IN THE PROCESS AS POSSIBLE.
 - SILT FENCES SHALL NOT BE USED FOR PROTECTING DOWNSTREAM AREAS FROM POINT DISCHARGES.
 - PERMANENT DRAINAGE IMPROVEMENTS LABELED 'PUBLIC' OR 'PUMI' (PRIVATE UNDER MSD INSPECTION) SHALL NOT BE INSTALLED UNTIL PERMIT APPROVAL FROM THE METROPOLITAN ST. LOUIS SEWER DISTRICT (MSD) IS OBTAINED AND UPSTREAM AREAS ARE PERMANENTLY STABILIZED AS DESCRIBED HEREIN.
 - ALTER THE INSTALLATION OF PERMANENT DRAINAGE IMPROVEMENTS, INLET PROTECTION SHALL BE IMMEDIATELY PLACED AT THE UPSTREAM ENDS OF ALL LAKES, CHANNELS, PIPES, AND STRUCTURES.
 - INLETS AND PIPES MAY BE USED FOR STORM WATER CONTROL DURING CONSTRUCTION WITH INLET PROTECTION IN PLACE AND CONTINUOUSLY MAINTAINED.
 - IF SEEDING OR ANOTHER VEGETATIVE EROSION CONTROL METHOD IS USED FOR TEMPORARY LAND DISTURBANCE PROTECTION, IT SHALL BECOME ESTABLISHED WITHIN TWO WEEKS, OR RE-SEEDING OR OTHER NON-VEGETATIVE PROTECTIVE OPTIONS WILL BE REQUIRED.
 - STABILIZATION OF STEEP SLOPES WILL REQUIRE SPECIAL TECHNIQUES AND MORE FREQUENT INSPECTION AND MAINTENANCE.
 - DUST CONTROL METHODS WILL BE REQUIRED CONTINUOUSLY DURING EARTHWORK OPERATIONS.
 - ALL PERMANENT GRASS AREAS SHALL BE SEEDED OR SODDED AS SOON AS POSSIBLE AFTER TOPSOIL INSTALLATION.
 - DISTURBED AREAS THAT WILL BE UNWORKED FOR FIVE DAYS SHALL BE STABILIZED WITH SEED AND MULCH. LARGE AND STEEP AREAS HAVE MORE STRINGENT REQUIREMENTS, AS DESCRIBED HEREIN.
 - IF SEASONAL CONDITIONS ARE INAPPROPRIATE FOR SEEDING AND MULCHING, EROSION CONTROL MATTING SHALL BE INSTALLED.
 - TEMPORARY BMPs MAY BE REMOVED ONLY AFTER VEGETATION IS ESTABLISHED AND THE COUNTY APPROVES THE SITE AS COMPLETELY STABILIZED.
- DESCRIPTION OF TEMPORARY BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT THE CONVEYANCE OF POTENTIAL POLLUTANTS SUCH AS CONSTRUCTION WASTES, TOXIC OR HAZARDOUS SUBSTANCES, PETROLEUM, PESTICIDES, HERBICIDES, SITE LITTER, SANITARY WASTES, ETC. TO DOWNSTREAM WATERWAYS
 - SOLID NON-HAZARDOUS CONSTRUCTION WASTE (SITE DEBRIS) SHALL BE DISPOSED OF IN TRASH DUMPSTERS OR APPROVED EQUIVALENT IN A LOCATION APPROVED BY THE OWNER. POTENTIALLY SOLUBLE OR LEACHABLE SOLID WASTE SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK-PROOF CONTAINERS. SOLID WASTE SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK-PROOF CONTAINERS. SOLID WASTE SHALL BE TRANSPORTED TO AN APPROVED OFFSITE LOCATION ON A REGULAR BASIS.
 - HAZARDOUS WASTE SHALL BE SEGREGATED FROM NON-HAZARDOUS CONSTRUCTION SITE DEBRIS. THE SITE OPERATOR SHALL PROPOSE HAZARDOUS WASTE STORAGE AREA LOCATIONS FOR APPROVAL BY THE COUNTY. LIQUID OR SEMI-LIQUID HAZARDOUS WASTE SHALL BE STORED IN APPROPRIATE CONTAINERS (CLOSED DRUMS OR SIMILAR) AND SHALL BE KEPT UNDER COVER, GRANULAR, SOLUBLE, OR LEACHABLE HAZARDOUS WASTE MATERIALS SHALL BE STORED OFF THE GROUND AND IN COVERED LEAK-PROOF CONTAINERS.
 - HAZARDOUS WASTE SHALL BE REMOVED AND DISPOSED OF BY TRANSPORTING TO AN APPROVED OFFSITE DISPOSAL LOCATION ON A REGULAR BASIS BY A REPUTABLE AND LICENSED HAZARDOUS WASTE HAULAGE CONTRACTOR.
 - IT IS NOT THE INTENT OF THIS SWPPP TO SUPERSEDE OR REPLACE NORMAL ASSESSMENT AND REMEDIATION PROCEDURES FOR HAZARDOUS MATERIALS. SUSPECTED JOBSITE CONTAMINATION SHALL IMMEDIATELY BE REPORTED TO REGULATORY AUTHORITIES AND CONTAINMENT MEASURES SHALL BE TAKEN. SIGNIFICANT SPILLS AND/OR MIGRATION OF HAZARDOUS MATERIALS WARRANT AN IMMEDIATE RESPONSE BY TRAINED PROFESSIONALS.
 - FRESH CONCRETE WASTE AND CONCRETE EQUIPMENT WASH DOWN AREAS SHALL BE SEGREGATED FROM DRAINAGE DITCHES, SWALES, AND DRAINAGE STRUCTURES. CONTAINMENT BERMS SHALL BE PLACED AROUND WASTE STORAGE AREAS.
 - ONSITE FUELING STATIONS SHALL ADHERE TO ALL APPLICABLE FEDERAL AND STATE REGULATIONS FOR STORING AND DISPENSING FUEL.
 - A SUFFICIENT NUMBER OF TEMPORARY TOILET FACILITIES SHALL BE AVAILABLE ONSITE TO SERVE THE NUMBER OF WORKERS.
 - SITE HOUSEKEEPING PROCEDURES FOR LITTER CONTROL SHALL BE CONTINUOUSLY FOLLOWED.
- DESCRIPTION OF IMPROVEMENTS AND BMPs TO REMAIN AFTER CONSTRUCTION
 - STORM DRAINAGE IMPROVEMENTS DESIGNATED AS 'PRIVATE' OR 'PUMI' (PRIVATE UNDER MSD INSPECTION) SHALL BE OPERATED AND MAINTAINED BY THE OWNER.
 - STORM DRAINAGE IMPROVEMENTS DESIGNATED AS 'PUBLIC' WILL BE MAINTAINED BY MSD UPON DEDICATION OF THE SEWERS TO THE DISTRICT.
 - NEW GRASS AREAS SHALL BE MAINTAINED UNTIL COMPLETION OF CONSTRUCTION ACTIVITIES AND END OF WARRANTY PERIOD.
 - PUBLIC RIGHT-OF-WAY AREAS SUBJECT TO CONSTRUCTION TRAFFIC SHALL BE RESORED TO THEIR ORIGINAL CONDITIONS AFTER COMPLETION OF CONSTRUCTION ACTIVITIES.
 - TEMPORARY BMPs TO REMAIN AFTER CONSTRUCTION SHALL BE PLACED ON A REGULAR MAINTENANCE SCHEDULE AND, IF SUBJECT TO DAMAGE, BE REPLACED IMMEDIATELY TO CONTINUE TO CONTAIN ANY SEDIMENT-LADEN RUNOFF FROM ANY AREAS THAT ARE STILL IN THE PROCESS OF STABILIZING.

PERMIT HOLDER DUTIES

- THE PERMIT HOLDER SHALL PROVIDE, INSTALL, MAINTAIN, AND EVENTUALLY REMOVE A PUBLIC NOTIFICATION SIGN AS DESCRIBED IN PAGES 42 AND 43 OF THE ST. LOUIS COUNTY SEDIMENT AND EROSION CONTROL MANUAL.
- THE PERMIT HOLDER SHALL EXPLAIN, TO ALL CONTRACTORS AND ENTITIES (INCLUDING UTILITY CREWS, CITY EMPLOYEES, OR THEIR AGENTS) WHO WILL PERFORM WORK AT THE SITE, THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) REQUIREMENTS AND BMP FUNCTIONS, AND WHAT PRECAUTIONS AND ACTIONS SHALL BE TAKEN TO MINIMIZE THE POTENTIAL FOR DAMAGE TO BMPs.
- THE PERMIT HOLDER SHALL PROVIDE COPIES OF THE SWPPP TO ALL PARTIES WHO ARE RESPONSIBLE FOR THE INSTALLATION, OPERATION, OR MAINTENANCE OF BMPs.
- THE PERMIT HOLDER SHALL DETERMINE THE NEED FOR, AND PROVIDE TRAINING PROGRAMS FOR ENSURING, THAT ALL SITE WORKERS HAVE BEEN TRAINED IN EROSION CONTROL MATERIAL HANDLING, STORAGE, AND HOUSEKEEPING.
- THE PERMIT HOLDER SHALL POST A CURRENT VERSION OF THE SWPPP NEAR THE CONSTRUCTION TRAILER TO BE AVAILABLE FOR VIEWING AT ALL TIMES.
- PRIOR TO ISSUANCE OF A LAND DISTURBANCE PERMIT, THE PERMIT HOLDER SHALL POST A LAND DISTURBANCE ESCROW APPROVED BY THE ST. LOUIS COUNTY DEPARTMENT OF PLANNING.
- THE PERMIT HOLDER SHALL HAVE COPIES OF THE ST. LOUIS COUNTY AND STATE OF MISSOURI DEPARTMENT OF NATURAL RESOURCES LAND DISTURBANCE PERMITS ONSITE.
- THE PERMIT HOLDER SHALL SCHEDULE INSPECTIONS AT LEAST ONCE PER WEEK UNDER DRY CONDITIONS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT.
- THE PERMIT HOLDER IS ENTIRELY RESPONSIBLE FOR COMPLIANCE WITH THE ST. LOUIS COUNTY LAND DISTURBANCE CODE AND PERMIT.
- ABSOLUTELY NO CONSTRUCTION WASTES, TOXIC OR HAZARDOUS SUBSTANCES, PETROLEUM PRODUCTS, PAINTS, SOLIDS, PESTICIDES, HERBICIDES, SITE LITTER, SANITARY WASTES, ETC. SHALL ENTER NATURAL DOWNSTREAM DRAINAGE SYSTEM.
 - WATER LINE FLUSHING
 - LANDSCAPE IRRIGATION
 - DIVERTERED STREAM FLOWS DETERGENTS
 - ISING GROUND WATERS
 - UNCONTAMINATED GROUND WATER INFILTRATION (AS DEFINED AT 40 CFR 35.2005(20))
 - UNCONTAMINATED PUMPED GROUND WATER
 - DISCHARGE FROM POTABLE WATER SOURCES
 - FOUNDATION DRAINS
 - AIR CONDITIONING CONDENSATION
 - IRRIGATION WATER, SPRINGS
 - WATER FROM CRAWL SPACE PUMPS
 - FOOTING DRAINS
 - LAWN WATERING
 - INDIVIDUAL RESIDENT CAR WASHING
 - FLOWS FROM RIPARIAN HABITATS & WETLANDS
 - DE-CHLORINATED SWIMMING POOL DISCHARGES
 - STREET WASH WATER
 - RESIDENTIAL BUILDING WASH WATERS, WITHOUT
- FIRE FIGHTING DISCHARGES: FLOWS OR DISCHARGES FROM FIRE FIGHTING ACTIVITIES OCCUR DURING EMERGENCY SITUATIONS. THE PERMITTEE IS NOT EXPECTED TO EVALUATE FIRE FIGHTING DISCHARGES WITH REGARD TO POLLUTANT CONTRIBUTIONS. THEREFORE, THESE DISCHARGES ARE AUTHORIZED AS ALLOWABLE NON-STORM WATER DISCHARGES, UNLESS IDENTIFIED BY EPA, AS SIGNIFICANT SOURCES OF POLLUTANTS TO WATERS OF THE U.S.
- DEWATERING METHODS WILL INCLUDE GRAVITY DRAINAGE AS MUCH AS POSSIBLE, AND PUMP/HOSE TO TEMPORARY HOLDING PONDS WHEN NECESSARY.
- THERE WILL BE NO ON-SITE ASPHALT/CONCRETE PLANTS WITHIN SITE BOUNDARIES.
- 404/401 PERMIT APPLICATIONS ARE UNDERWAY AND IN THE REVIEW PROCESS BY DNR AND CORPS OF ENGINEERS. DISCUSSIONS REGARDING ENDANGERED SPECIES AND HISTORIC PRESERVATION ARE ALSO UNDERWAY.
- THERE DO NOT APPEAR TO BE ANY SINKHOLES, SPRINGS, SEEPS, OR KARST FEATURES ON THE SITE.
- THE SITE IS NOT DESIGNATED BY FEMA AS CONTAINING ANY FLOODPLAIN AREAS.

CONSTRUCTION SCHEDULE

STARTING DATE: JULY 1, 2024

(ALL DATES ARE SUBJECT TO ACTUAL APPROVAL OF PLANS AND RECEIPT OF PERMITS FOR REQUIRED WORK.)

PROJECT DURATION JULY 2024 TO JULY 2025	
JULY 2024 - JULY 2024	SWPPP BMP INSTALLATION
JULY 2024 - JULY 2024	SITE PREPARATION AND BMP MAINTENANCE
JULY 2024 - AUGUST 2024	GRADING AND BMP MAINTENANCE
AUGUST 2024 - OCTOBER 2024	DRAINAGE SYSTEM INSTALLATION AND BMP MAINTENANCE
OCTOBER 2024 - OCTOBER 2024	STABILIZATION, SODDING, AND BMP MAINTENANCE
OCTOBER 2024 - OCTOBER 2024	INSTALLATION OF LONG-TERM BMPs
OCTOBER 2024 - MAY 2025	MAINTENANCE OF LONG-TERM BMPs

CITY NOTES:

- THE PERMITTEE SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA.
- THE PERMITTEE SHALL USE WHATEVER MEANS NECESSARY TO CONTROL EROSION AND SILTATION INCLUDING, BUT NOT LIMITED TO, STAKED STRAW BALES AND/OR SILTATION FABRIC FENCES (POSSIBLE METHODS OF CONTROL ARE DETAILED IN THE PLANS). CONTROL SHALL COMMENCE WITH THE CLEARING OPERATIONS AND MUST BE MAINTAINED THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE CITY OF OFALLON AND AS NECESSARY BY MODOOT.
- THE PERMITTEE'S RESPONSIBILITIES INCLUDE ALL DESIGN AND IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND DEPOSTING OF SILT. THE CITY OF OFALLON AND AS REQUIRED BY MODOOT MAY AT THEIR OPTION DIRECT THE PERMITTEE IN HIS METHOD FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITING OF SILT OR MUD ON NEW OR EXISTING PAVEMENT SHALL BE REMOVED IMMEDIATELY. ANY DEPOSITING OF SILTS OR MUD IN NEW OR EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN AND AFFECTED AREAS TO THE SATIFICATION OF THE CITY OF OFALLON AND AS REQUIRED BY MODOOT.
- ALL EROSION CONTROL SYSTEMS ARE INSPECTED AND CORRECTED WEEKLY, ESPECIALLY WITHIN 48 HOURS OF ANY RAINFALL RESULTING IN ONE-HALF INCH OF RAIN OR MORE. ANY SILT OR DEBRIS LEAVING THE SITE AND AFFECTING PUBLIC RIGHTS-OF-WAYS OR STORM WATER DRAINAGE FACILITIES SHALL BE CLEANED UP WITHIN 24 HOURS AFTER THE END OF THE STORM.
- ANY EXISTING WELLS AND/OR SPRINGS WHICH MAY EXIST ON THE PROPERTY MUST BE SEALED IN A MANNER ACCEPTABLE TO THE CITY OF OFALLON CONSTRUCTION INSPECTION DEPARTMENT AND FOLLOWING MISSOURI DEPARTMENT OF NATURAL, RESOURCES STANDARDS AND SPECIFICATIONS.



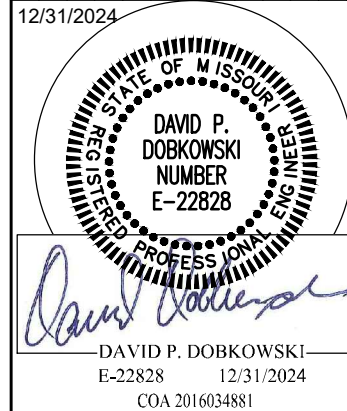
Within Missouri Call
811 or 800-344-7483
24 Hours a Day, 7 Days a Week

PER MISSOURI STATE LAW NOTICE: 2 WORKING DAYS (MISSOURI REVISED STATUTES, CHAPTER 316, GENERAL SAFETY REQUIREMENTS - SECTION 316.010 THROUGH 316.020 SHALL BE KNOWN AS THE "UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT")

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REVISIONS AND ISSUES	DATE	BY
ISSUED FOR CLIENT REVIEW	06/13/2024	DD
ISSUED FOR CITY OF OFALLON COMMENTS	06/28/2024	DD
ISSUED FOR CITY OF OFALLON COMMENTS	10/18/2024	DD
DESIGNED BY	BS	
DRAWN BY	JS	
CHECKED BY	DD	
DATE	06/28/2024	



PREPARED FOR: HOTEL - CALEDONIA
SHEET NO. C103
PROJECT NO. W23.0784
LOT 4 AND 5, CALEDONIA CENTER, OFALLON, MO 63368
STORMWATER POLLUTION PREVENTION PLAN SPECS.
PART OF SECTION 13, TOWNSHIP 46 NORTH, RANGE 2 EAST, ST. CHARLES COUNTY, MO.