

**SWPPP IMPLEMENTATION SEQUENCE**

NOTE: UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER PARKING, LAY DOWN PORTA-POTTY, WHEEL WASH, CONCRETE WASTEWATER MASONRY AREA, PILES AND MATERIAL STORAGE AREAS/CONTAINERS, SOLID WASTE CONTAINERS, ETC. IMMEDIATELY, DEVOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ALL AREAS WHERE FALL IS EXPECTED FROM SOIL IS EXPOSED TO ON THE SITE MAPS.

NOTE: DOWN SLOPE PROTECTIVE MEASURES MUST ALWAYS BE IN PLACE BEFORE SOIL IS DISTURBED. ACTIVITIES ARE PRESENT IN THE ORDER OR SEQUENCE IN WHICH THEY ARE REQUIRED TO BE COMPLETED.

**PHASE I**

PHASE I OPERATIONS WILL INCLUDE THE CONSTRUCTION NEEDED TO DIVERT MAJOR OFF-SITE CLEAN WATER AND ON-SITE DRAINAGE FLOWS AROUND THE WORK AREA AND CONTROL EROSION AND SILTATION ASSOCIATED WITH INITIAL CLEARING AND GRADING OPERATIONS. THE FOLLOWING SEQUENCE OF CONSTRUCTION IS SUGGESTED:

1. CONTRACTOR TO NOTIFY LOUDOUN ENGINEERING DEPARTMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. OWNER TO OBTAIN GRADING PERMIT. OWNER, CONTRACTOR, RESPONSIBLE LAND DISTURBER AND PROJECT ENGINEER SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE LOUDOUN COUNTY INSPECTOR PRIOR TO STARTING ANY LAND DISTURBING ACTIVITIES.
3. COMPASS CREEK PARKWAY IS ASSUMED TO BE EXISTING AT TIME OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH COMPASS CREEK CONSTRUCTION.
4. INSTALL THE SWPPP INFORMATION SIGN AND POST REQUIRED DOCUMENTS NEAR THE PLANNED CONSTRUCTION EXIT, AND WITHIN EASY ACCESS TO THE GENERAL PUBLIC WITHOUT ENTERING THE SITE.
5. STAKEFLAG THE LOD (WHERE STAKING IS NOT POSSIBLE/PRACTICAL, THE LOD MUST BE CONSPICUOUSLY, AND PROMINENTLY, MARKED TO DENOTE THE BOUNDARY). LOD MUST REMAIN CONSPICUOUSLY MARKED THROUGHOUT THE ENTIRE CONSTRUCTION PROJECT.
6. INSTALL PERIMETER SEDIMENT CONTROL BMPs IN THE VICINITY OF AND DOWN GRADIENT FROM THE LOCATION OF THE PLANNED CONSTRUCTION ENTRANCE, CONSTRUCTION OFFICE TRAILER, AND TEMPORARY PARKING AND STORAGE AREAS. CLEAR ONLY THE MINOR AREA ABSOLUTELY NECESSARY TO INSTALL THESE PERIMETER CONTROL BMPs.
7. INSTALL STABILIZED CONSTRUCTION ENTRANCE WITH SEDIMENT TRAPS, AND SET THE PROJECT OFFICE TRAILER. PROVIDE THE CONSTRUCTION ENTRANCE WITH WASH RACKS THAT DRAIN TO AN APPROPRIATE SETTLING AREA AS SHOWN ON THE PHASE I PLAN.
8. INSTALL REMAINING PERIMETER SEDIMENT CONTROL BMPs, INCLUDING DIVERSION DIKES, RIGHT-OF-WAY DIVERSION, SILT FENCE, AND SUPER SILT FENCE, AS SHOWN ON THE PHASE I PLAN. CLEAR ONLY THE MINOR AREA NECESSARY TO INSTALL PERIMETER CONTROL BMPs.
9. INSTALL SILT FENCE AROUND EXISTING CHANNEL WITH TEMPORARY STREAM CROSSING AS SHOWN ON THE PHASE I PLAN.
10. INSTALL SEDIMENT BARRIERS WITH SOIL STABILIZATION BLANKETS AS SHOWN ON THE PHASE I PLAN AND INSTALL DIVERSION DIKES ON THE INTERIOR OF THE SITE THAT DRAIN TO THE BASINS.
11. PREPARE TEMPORARY PARKING AND STORAGE AREA.
12. HALT ALL ACTIVITIES.

CONTACT THE CEC TO PERFORM INSPECTION AND CERTIFICATION OF BMPs. BMP CERTIFICATION MUST OCCUR BEFORE STORMWATER PRE-CONSTRUCTION MEETING. THIS MAY SHOULD BE SCHEDULED IN ADVANCE, IN ANTICIPATION OF THE EXPECTED DATE WHEN THE ABOVE SEQUENCE ITEMS WILL BE COMPLETED.

ALL EXCEPTIONS NOTED ON THE BMP CERTIFICATION FORM MUST BE ADDED AS EXCEPTIONS WITHIN THE BMP CERTIFICATION FORM AND RESOLVED WITHIN 24-HOURS. BMPs MUST NOT BE CERTIFIED IF ONE OR MORE OF THE EXCEPTIONS WILL NOT BE RESOLVED WITHIN 24-HOURS OF THE BMP CERTIFICATION BY THE CEC.

IF THE CEC IS UNABLE TO CERTIFY THAT SITE CONDITIONS ARE PER PLANS AND SPECIFICATIONS, THE CERTIFICATION OF BMPs MUST BE RESCHEDULED. THE STORMWATER PRE-CONSTRUCTION MEETING MAY ONLY OCCUR AFTER BMPs CAN BE CERTIFIED.

GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT THE STORMWATER PRE-CONSTRUCTION MEETING WITH THE CEC, OWNER'S CONSTRUCTION MANAGER, AGENCY(IES) AND SUBCONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

DAILY STORMWATER INSPECTION REPORTS IN THE ONLINE SWPPP REPORTING SYSTEM PROVIDED BY THE OWNER MUST START ON NEXT BUSINESS DAY AFTER THE SITE BMPs & PRE-CONSTRUCTION MEETING CERTIFICATION IS SIGNED/CERTIFIED BY THE CEC.

**PHASE II**

PHASE II SEDIMENT CONTROL MEASURES ARE INTENDED FOR THE FINAL STAGES OF SITE DEVELOPMENT. PHASE I CONTROL MEASURES WILL BE IN PLACE THROUGHOUT CONSTRUCTION AND PROVIDE EFFECTIVE CONTROL. SHALL REMAIN IN PLACE FOR FINAL DEVELOPMENT. THE RESPONSIBLE LAND DISTURBER SHALL FOLLOW THE COUNTY INSPECTOR'S DIRECTION IN PROVIDING ADDITIONAL CONTROL MEASURES AS REQUIRED DURING THE DEVELOPMENT PROCESS, TO INSURE THAT SEDIMENT IS PREVENTED FROM POLLUTING OFF-SITE PROTECTED ON-SITE AREAS. THE FOLLOWING SEQUENCE OF CONSTRUCTION IS SUGGESTED:

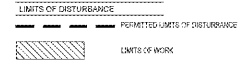
1. LOUDOUN COUNTY INSPECTOR SHALL APPROVE PHASE II CONTROLS PRIOR TO COMMENCING PHASE II.
2. INITIAL CLEARING, GRUBBING, AND STRIPPING THE SITE. (PHASE CLEARING AND GRUBBING TO THE EXTENT PRACTICAL TO MINIMIZE THE EXTENT OF AREA DISTURBED AT ANY POINT IN TIME).
3. INITIAL GRADING OF THE SITE.
4. CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
5. TEMPORARILY STABILIZE THROUGHOUT CONSTRUCTION IMMEDIATELY AND COMPLETED WITHIN 7 DAYS FOLLOWING THE COMPLETION OF THE MOST RECENT LAND DISTURBING/GRADING ACTIVITY. ANY DISTURBED AREAS, INCLUDING MATERIAL STOCKPILES THAT ARE SCHEDULED OR INTEND TO REMAIN INACTIVE FOR 14 DAYS OR MORE.
6. IMMEDIATELY PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
7. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS. CONTRACTOR TO TAKE CARE TO NOT COMPROMISE THE TEMPORARY SEDIMENT BASINS.
8. INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
9. PREPARE SITE FOR PAVING.
10. PAVE SITE.
11. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES. PER BMP DETAILS.
12. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS, INCLUDING OUT LOTS AND PONDS.
13. OBTAIN LOUDOUN COUNTY INSPECTOR'S APPROVAL PRIOR TO THE REMOVAL OF ANY PROPOSED SEDIMENT CONTROL.
14. OBTAIN CONFORMANCE FROM THE OWNER CONSTRUCTION MANAGER (CM) THAT THE SITE HAS BEEN FULLY STABILIZED AND ALL CONSTRUCTION HAS BEEN COMPLETED. THEN:
  - a. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs).
  - b. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF TEMPORARY BMPs, AND
  - c. ASK THE CM TO CONTACT THE CEC TO COMPLETE THE CEC PRE-NOI SITE INSPECTION AND REPORT (ONLY CM MAY DO THIS).
15. CONTINUE DAILY INSPECTIONS AND REPORTS UNTIL THE CM FINAL DAILY INSPECTION REPORT, MARKED READY TO TERMINATE PERMIT, IS SIGNED BY THE CONSTRUCTION MANAGER AND SUBMITTED VIA THE ONLINE SWPPP REPORTING SYSTEM PROVIDED BY THE OWNER.

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY, ONLY IF ALL PRECEDING BMPs AND STABILIZATION ACTIVITIES HAVE BEEN COMPLETELY INSTALLED. BMP-RELATED STEPS IN THE ABOVE SEQUENCE ARE BOLD FOR CLARITY. THE CEC MUST APPROVE IN WRITING, ANY CHANGES IN THE ABOVE SWPPP IMPLEMENTATION SEQUENCE, BEFORE THEIR IMPLEMENTATION BEGINS.

THE ESTIMATED DATES OF IMPLEMENTATION OF POLLUTION CONTROL MEASURES SHALL BE DOCUMENTED BY THE CONTRACTOR ON THE SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE ON SHEET SW-1.

NOTE: FOR SPECIFIC CONSTRUCTION RECOMMENDATIONS, THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT PREPARED BY ECS ENTITLED "FINAL REPORT OF SUBSURFACE EXPLORATION, LABORATORY TESTING, AND GEOTECHNICAL ENGINEERING ANALYSES WAL-MART SUPERCENTER #1904-05, LEEBSBURG, LOUDOUN COUNTY, VIRGINIA, PROJECT NO. 01 2114-A, DATED JUNE 11, 2014.

**LEGEND**



**REVISIONS**

NO.	REVISIONS	BY
1	REVISED PER COUNTY AND TOWN COMMENTS	
2	REVISED PER COUNTY AND TOWN COMMENTS	
3	REVISED PER COUNTY AND TOWN COMMENTS	
4	REVISED PER COUNTY AND TOWN COMMENTS	
5	REVISED PER COUNTY AND TOWN COMMENTS	
6	REVISED PER COUNTY AND TOWN COMMENTS	
7	REVISED PER COUNTY AND TOWN COMMENTS	
8	REVISED PER COUNTY AND TOWN COMMENTS	
9	REVISED PER COUNTY AND TOWN COMMENTS	
10	REVISED PER COUNTY AND TOWN COMMENTS	

**BOHLER ENGINEERING**  
22636 DAVIS DRIVE, SUITE 260  
STERLING, VIRGINIA 20154  
Phone: (703) 709-6500  
Fax: (703) 709-6501  
VA@BohlerEng.com

**SWPPP IMPLEMENTATION SEQUENCE AND LIMITS OF WORK**  
WALMART SUPERCENTER #1904-005 - SPAM #1  
CATOCTIN ELECTION DISTRICT  
LEESBURG, LOUDOUN COUNTY, VA  
WAL-MART STORES, INC.  
BENTONVILLE, AR

DRAWN	_____
CHECKED	_____
M/S/B	_____
DATE	12/22/16
SCALE	AS NOTED
JOB NO.	S148200
SHEET	_____

**SW-2**  
SHEET 36 OF 103

DEVELOPER/OWNER:  
WAL-MART REAL ESTATE BUSINESS TRUST  
MAIL STOP 5570  
2001 SE 10TH STREET  
BENTONVILLE, AR  
72716-5570  
479-204-3314

SITE OPERATOR/GENERAL CONTRACTOR:  
SUPERINTENDENT:  
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IMPORTANT: DC MUST SIGN ALL PLAN SHEETS AND ANY NEW PLAN SHEETS ISSUED BY THE CEC.