



STORM WATER QUALITY NOTES - CONSTRUCTION BMP'S

1. THIS PROJECT SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.
2. SUFFICIENT BMP'S SHALL BE INSTALLED TO PREVENT SILT, MUD OR OTHER CONSTRUCTION DEBRIS FROM BEING TRACKED INTO THE ADJACENT STREET(S) OR STORM WATER CONVEYANCE SYSTEMS DUE TO CONSTRUCTION VEHICLES OR ANY OTHER CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING ANY SUCH DEBRIS THAT MAY BE IN THE STREET AT THE END OF EACH WORK DAY OR AFTER A STORM EVENT THAT CAUSES A BREACH IN THE INSTALLED CONSTRUCTION BMP'S.
3. ALL STOCK PILES OF UNCOMPACTED SOIL AND/OR BUILDING MATERIALS THAT ARE INTENDED TO BE LEFT UNPROTECTED FOR A PERIOD GREATER THAN SEVERAL CALENDAR DAYS ARE TO BE PROVIDED WITH EROSION AND SETTLEMENT CONTROLS. SUCH SOIL MUST BE PROTECTED EACH DAY WHEN THE PROBABILITY OF RAIN IS 40% OR GREATER.
4. CONTRACTOR SHALL FIELD ADJUST AND PROVIDE ADDITIONAL SEDIMENT CONTROL MEANS AT NO ADDITIONAL COST TO OWNER IF WARRANTED BY FIELD CONDITIONS.
5. ALL SLOPES THAT ARE CREATED OR DISTURBED BY CONSTRUCTION ACTIVITY MUST BE PROTECTED AGAINST EROSION AND SEDIMENT TRANSPORT AT ALL TIMES.
6. THE STORAGE OF ALL CONSTRUCTION MATERIALS AND EQUIPMENT MUST BE PROTECTED AGAINST ANY POTENTIAL RELEASE OF POLLUTANTS INTO THE ENVIRONMENT.
7. ALL GRADED, DISTURBED OR ERODED AREAS THAT WILL NOT BE PERMANENTLY PAVED, COVERED BY STRUCTURES OR COVERED BY WEED CONTROL FABRIC AND CRUSHED STONE, SHALL BE TREATED WITH HYDROSEED, SOD OR EQUIVALENT. ALL REQUIRED REVEGETATION AND EROSION CONTROL SHALL BE COMPLETED WITHIN 90 CALENDAR DAYS.
8. ALL EROSION / SETTLEMENT CONTROL FACILITIES SHALL BE MAINTAINED IN WORKING ORDER AND AS SPECIFIED BY THE STATE ENVIRONMENTAL AGENCY. THESE FACILITIES SHALL BE INSPECTED AFTER EVERY PRECIPITATION EVENT. ANY NECESSARY REPAIRS WILL BE MADE IMMEDIATELY. ACCUMULATED SEDIMENTS WILL BE REMOVED AS REQUIRED TO KEEP THE DEVICES FUNCTIONAL. IN ALL CASES, REMOVE DEPOSITS WHERE ACCUMULATIONS REACH 3" ABOVE GRADE. ALL UNDERCUTTING OR EROSION OF THE TOE ANCHOR WILL BE REPAIRED IMMEDIATELY WITH COMPACTED BACKFILL MATERIALS. ADHERE TO ANY MANUFACTURER'S RECOMMENDATIONS.
9. ANY CONTROL STRUCTURE DISTURBED DURING DAILY OPERATIONS SHALL BE REPAIRED, REPLACED OR RECONSTRUCTED AS REQUIRED UPON COMPLETION OF THE WORK DAY.
10. THE CONTRACTOR WILL BE RESPONSIBLE DURING CONSTRUCTION AND FOR ONE YEAR FOR MAINTAINING THE E&S MEASURES TO INSURE COMPLIANCE WITH THE APPROVED PLAN AND THE APPLICABLE REGULATIONS OF THE STATE.
11. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 13 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREA WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL, AT A RATE OF 2.5 TO 3 TONS PER ACRE. ANY STEEP SLOPES (GREATER THAN 3:1) SHALL BE STABILIZED DAILY.

SITE AREA

THE PROPOSED CONSTRUCTION PROJECT SHALL IMPACT APPROXIMATELY 0.09 ACRES (510 SF OF CONCRETE, 2250 SF OF GRAVEL GROUND COVER AND 1100 SF OF GRASS). GRADING PROPOSED ON THIS SITE AND POTENTIAL WETLAND IMPACT WILL BE IN ACCORDANCE WITH DWG C-102.

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP 2300510006C, THE SITE IS OUTSIDE THE 500-YEAR FLOODPLAIN.

PLANNING AND ORGANIZATION

DURING CONSTRUCTION, THE KBR SITE MANAGER WILL OVERSEE THE IMPLEMENTATION AND MAINTENANCE OF THE STORMWATER PLAN.

BEST MANAGEMENT PRACTICES

1. SILT FENCE - THE CONSTRUCTION SITE WILL BE SURROUNDED BY A SILT FENCE TO PREVENT RUNOFF OF SEDIMENT.
2. STABILIZED CONSTRUCTION EXIT - A GRAVEL CONSTRUCTION EXIT WILL PREVENT DISPERSION OF SEDIMENT ONTO NEARBY ROADS.

ALL BMP'S SHALL BE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION PUBLICATION "MAINE EROSION AND SEDIMENT CONTROL BMP'S".



PROJECT MANAGER	
QC REVIEWER	
ARCHITECTURAL	
MECHANICAL	
PLUMBING	
ELECTRICAL	
DATE	

NO.	ISSUED FOR CONSTRUCTION	DATE	REVISION
0		11/7/12	

DESIGNED BY	DCB
CHECKED BY	MLM
DRAWN BY	RAM
REVIEWED BY	DCB
DATE	2012

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STORMWATER MANAGEMENT PLAN

Drawing Number:
C-101

1 STATION WGAN - SITE PLAN
 G-001 SCALE: 1"=10'-0"

