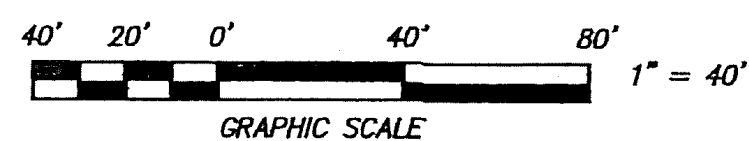


POLLUTION PREVENTION PLAN



NON-STORMWATER DISCHARGES

THE FOLLOWING NON-STORM WATER DISCHARGES ARE ALLOWABLE AND CAN BE COMBINED WITH STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITY AT THIS SITE. HOWEVER, IN THE CASE WHERE THESE NON-STORM WATER DISCHARGES ARE COMBINED WITH STORM WATER DISCHARGES, APPROPRIATE POLLUTION PREVENTION MEASURES MUST BE IMPLEMENTED.

- DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
- FIRE HYDRANT FLUSHING.
- WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED. VEHICLES WILL BE WASHED AT THE CONSTRUCTION ENTRANCE INSTALLED IN ACCORDANCE WITH STD. & SPEC. 3.02 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
- WATER USED TO CONTROL DUST METHODS AND MATERIALS OUTLINED IN STD. & SPEC. 3.39 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK WILL BE USED TO REDUCE DUST.
- POTABLE WATER SOURCES, INCLUDING UNCONTAMINATED WATERLINE FLUSHINGS.
- ROUTINE EXTERNAL BUILDING WASH DOWN WHICH DOES NOT USE DETERGENTS.
- PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILLED MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED. PAVEMENT WILL BE CLEANED BY HAND SHOVELING AND SWEEPING AND INLET PROTECTION WILL BE INSTALLED PRIOR TO WASHING.
- UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE.
- UNCONTAMINATED GROUND WATER OR SPRING WATER.
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.
- UNCONTAMINATED EXCAVATION DEWATERING.
- LANDSCAPE IRRIGATION.

POTENTIAL CONSTRUCTION SITE STORMWATER POLLUTANTS

TRADE NAME MATERIAL	CHEMICAL/PHYSICAL DESCRIPTION	STORM WATER POLLUTANTS
ANTIFREEZE / COOLANT	CLEAR GREEN/YELLOW LIQUID	ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)
ASPHALT	BLACK SOLID	oil, petroleum distillates
CLEANING SOLVENTS	COLORLESS, BLUE OR YELLOW-GREEN LIQUID	perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates
CONCRETE	WHITE SOLID	limestone, sand
DIESEL FUEL	CLEAR, BLUE-GREEN TO YELLOW LIQUID	petroleum distillates, oil & grease, naphthalene, xylenes
EROSION	SOLID PARTICLES	soil, sediment
FERTILIZER	LIQUID OR SOLID GRANULES	nitrogen, phosphorous
GASOLINE	COLORLESS, PALE BROWN OR PINK PETROLEUM HYDROCARBON	benzene, ethyl benzene, toluene, xylene, MTBE
GLUE, ADHESIVES	WHITE OR YELLOW LIQUID	polymers, epoxies
HYDRAULIC OIL / FLUIDS	BROWN OILY PETROLEUM HYDROCARBON	mineral oil
PAINTS	WHITE OR YELLOW LIQUID	metal oxides, stoddard solvent, talc, calcium carbonate, arsenic
SANITARY TOILETS	VARIOUS COLORED LIQUIDS	bacteria, parasites & viruses
WASTEWATER FROM CONSTRUCTION EQUIPMENT WASHING	WATER	soil, oil & grease, solids
WOOD PRESERVATIVES	CLEAR AMBER OR DARK BROWN LIQUID	stoddard solvent, petroleum distillates, arsenic, copper chromate

IN CASE OF SPILLS

ANY OPERATOR WHO DISCHARGES OR CAUSES OR ALLOWS A DISCHARGE OF SEWAGE, INDUSTRIAL WASTE, OTHER WASTES OR ANY NOXIOUS OR DELETERIOUS SUBSTANCE OR A HAZARDOUS SUBSTANCE OR OIL IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR PART 110, 40 CFR PART 117, 40 CFR PART 302, OR § 62.1-44.34:19 OF THE CODE OF VIRGINIA THAT OCCURS DURING A 24-HOUR PERIOD INTO OR UPON SURFACE WATERS OR WHO DISCHARGES OR CAUSES OR ALLOWS A DISCHARGE THAT MAY REASONABLY BE EXPECTED TO ENTER SURFACE WATERS, SHALL NOTIFY THE DEPARTMENT OF ENVIRONMENTAL QUALITY OF THE DISCHARGE IMMEDIATELY UPON DISCOVERY OF THE DISCHARGE, BUT IN NO CASE LATER THAN WITHIN 24 HOURS AFTER SAID DISCOVERY. A WRITTEN REPORT OF THE UNAUTHORIZED DISCHARGE SHALL BE SUBMITTED TO THE DEPARTMENT AND THE VSPM AUTHORITY WITHIN FIVE DAYS OF DISCOVERY OF THE DISCHARGE.

THE WRITTEN REPORT SHALL CONTAIN:

1. A DESCRIPTION OF THE NATURE AND LOCATION OF THE DISCHARGE;
2. THE CAUSE OF THE DISCHARGE;
3. THE DATE ON WHICH THE DISCHARGE OCCURRED;
4. THE LENGTH OF TIME THAT THE DISCHARGE CONTINUED;
5. THE VOLUME OF THE DISCHARGE;
6. IF THE DISCHARGE IS CONTINUING, HOW LONG IT IS EXPECTED TO CONTINUE;
7. IF THE DISCHARGE IS CONTINUING, WHAT THE EXPECTED TOTAL VOLUME OF THE DISCHARGE WILL BE; AND
8. ANY STEPS PLANNED OR TAKEN TO REDUCE, ELIMINATE AND PREVENT A RECURRENCE OF THE PRESENT DISCHARGE OR ANY FUTURE DISCHARGES NOT AUTHORIZED BY THIS GENERAL PERMIT.

DEQ BLUE RIDGE REGIONAL OFFICE PHONE: (540) 562-6700, FAX: (540) 562-6725
FOR REPORTS OUTSIDE NORMAL WORKING HOURS, LEAVE A MESSAGE.

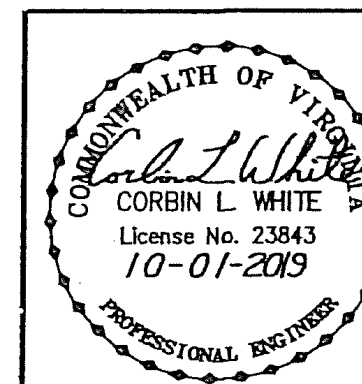
VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT EMERGENCY OPERATIONS CENTER (EOC)
PHONE: 1-(800) 468-8892

MATERIALS AND EQUIPMENT NECESSARY FOR OIL OR CHEMICAL SPILL CLEANUP WILL BE KEPT IN THE TEMPORARY MATERIAL STORAGE TRAILER ON-SITE. EQUIPMENT WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAW DUST, AND PLASTIC AND METAL TRASH CONTAINERS. ALL OIL OR OTHER CHEMICAL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPILLS LARGE ENOUGH TO REACH THE STORM SEWERS WILL BE REPORTED TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.

POLLUTION PREVENTION PRACTICES

1. FUELS AND OILS.
 - 1.1. ON-SITE VEHICLE REFUELING WILL BE CONDUCTED IN A DEDICATED LOCATION AWAY FROM DIRECT ACCESS TO ANY SURFACE WATERS. SINCE THE LOCATION OF FUELING ACTIVITIES WILL PERIODICALLY MOVE DURING CONSTRUCTION, THE DESIGN PLANS DO NOT CONTAIN A SPECIFIC LOCATION. FOR EACH PHASE OF WORK A LOCATION WILL BE DETERMINED IN THE FIELD AND NOTED IN THE SITE INSPECTION LOG. CONTAINMENT BERM WILL BE LOCATED ADJACENT TO THE REFUELING AREA THAT WILL CONTAIN ANY INADVERTENT SPILLS UNTIL THEY CAN BE CLEANED UP. ANY ON-SITE STORAGE TANKS WILL HAVE A MEANS OF SECONDARY CONTAINMENT. IN THE EVENT OF A SPILL, IT WILL BE CLEANED UP IMMEDIATELY AND THE MATERIAL, INCLUDING ANY CONTAMINATED SOIL, WILL BE DISPOSED OF ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
 - 1.2. ALL VEHICLES ON SITE WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
 - 1.3. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.
 - 1.4. SPILL KITS WILL BE INCLUDED WITH ALL FUELING SOURCES AND MAINTENANCE ACTIVITIES.
 - 1.5. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.
2. SOLID WASTE.
 - 2.1. NO SOLID MATERIALS SHALL BE DISCHARGED TO SURFACE WATER. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, GARBAGE, AND DEBRIS SHALL BE CLEANED UP DAILY AND DEPOSITED INTO DUMPSTERS, WHICH WILL BE PERIODICALLY REMOVED FROM THE SITE AND DEPOSITED INTO A LANDFILL.
3. FERTILIZER.
 - 3.1. FERTILIZERS WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER.
 - 3.2. FERTILIZERS WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER.
 - 3.3. FERTILIZERS WILL BE STORED IN A COVERED SHED AND PARTIALLY USED BAGS WILL BE TRANSFERRED TO A SEALABLE BIN TO AVOID SPILLS.
4. PAINT AND OTHER CHEMICALS.
 - 4.1. ALL PAINT CONTAINERS AND CURING COMPOUNDS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWERS, BUT WILL BE PROPERLY DISPOSED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
 - 4.2. SPRAY GUNS WILL BE CLEANED ON A REMOVABLE TARP.
 - 4.3. CHEMICALS USED ON-SITE ARE KEPT IN SMALL QUANTITIES AND STORED IN CLOSED CONTAINERS UNDERCOVER AND KEPT OUT OF DIRECT CONTACT WITH STORM WATER. AS WITH FUELS AND OILS, ANY INADVERTENT SPILLS WILL BE CLEANED UP IMMEDIATELY AND DISPOSED OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.
5. CONCRETE.
 - 5.1. CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE, EXCEPT IN A SPECIALLY DESIGNATED CONCRETE WASHOUT AREA WHICH CONTAINS ALL WASH WATER RESULTING FROM WASHOUT ACTIVITIES. SEE PLAN FOR LOCATION. WASH-OUT FACILITIES MAY BE PRE-FABRICATED CONTAINERS SPECIFICALLY INTENDED FOR THIS PURPOSE, OR MAY CONSIST OF HAY BALES WITH A PLASTIC LINER, ETC. WASHOUT FACILITY CONSTRUCTION, MAINTENANCE, AND DISPOSITION OF WASTE PRODUCTS SHALL BE IN ACCORDANCE WITH U.S.E.P.A. PUBLICATION EPA 833-F-11-006, "STORMWATER BEST MANAGEMENT PRACTICE-CONCRETE WASHOUT", UNLESS OTHERWISE APPROVED BY THE COUNTY INSPECTOR.
 - 5.2. FORM RELEASE OIL USED FOR DECORATIVE STONE WORK WILL BE APPLIED OVER A PALLET COVERED WITH AN ABSORBENT MATERIAL TO COLLECT EXCESS FLUID. THE ABSORBENT MATERIAL WILL BE REPLACED AND DISPOSED OF PROPERLY WHEN SATURATED.
6. WATER TESTING.
 - 6.1. WHEN TESTING/CLEANING OF WATER SUPPLY LINES, THE DISCHARGE FROM THE TESTED PIPE WILL BE COLLECTED AND CONVEYED TO A COMPLETED STORM WATER PIPE SYSTEM FOR ULTIMATE DISCHARGE INTO A SEDIMENTATION BASIN OR SWM/BMP FACILITY.
7. SANITARY WASTE.
 - 7.1. PORTABLE LAVATORIES ARE LOCATED ON-SITE AND ARE SERVICED ON A REGULAR BASIS BY A CONTRACTOR. THEY WILL BE LOCATED IN UPLAND AREAS AWAY FROM DIRECT CONTACT WITH SURFACE WATERS. ANY SPILLS OCCURRING DURING SERVICING WILL BE CLEANED UP IMMEDIATELY, INCLUDING ANY CONTAMINATED SOILS, AND DISPOSED OF ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
8. GRADING AND E & S ACTIVITIES.
 - 8.1. A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED SHALL BE MAINTAINED AND INCLUDED IN THE LOG BOOK FOR THIS PROJECT.

LIMITS OF POLLUTION PREVENTION PLAN MODIFIED TO ENCOMPASS EXISTING SWM POND, AND REFLECT PLAN REVISIONS PERFORMED ELSEWHERE IN THE PLAN SET



Designed: C.L. White
Drawn: C.L. White
Checked: October 03, 2014
Date: As Shown
Scale: 33.05-01-09.00
Tax Parcel: CH-8
Field Book: 14-0046
W.O. No.:

POLLUTION PREVENTION PLAN
FOR
**SEVENTH DAY ADVENTIST REFORM
MOVEMENT GENERAL CONFERENCE**
SHOWING THE CONSTRUCTION OF A NEW CHAPEL FACILITY AND
ASSOCIATED SITE IMPROVEMENTS
SITUATE 5248 HOLLINS ROAD
HOLLINS MAGISTERIAL DISTRICT
COUNTY OF ROANOKE, VIRGINIA

CWA
CALDWELL WHITE ASSOCIATES
ENGINEERS / SURVEYORS / PLANNERS
4203 KENNESAW AVENUE
P.O. BOX 8260
ROANOKE, VIRGINIA 24017-0260
(540) 366-3400
FAX: (540) 366-8702

R.K. Ottum
ROANOKE COUNTY APPROVED
11/5/2019