

STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES

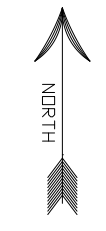
- A. PROHIBITION ON MOST NON-STORM WATER DISCHARGES
 - 1. ONLY STORM WATER FROM THE PROJECT SITE SHALL BE ALLOWED TO FLOW INTO THE ON-SITE DRAINAGE EASEMENT. CLEAN, NON-CHLORINATED WATER FROM THE FLUSHING OF FIRE HYDRANTS, WATER MAINS, AND STORM DRAINS MAY BE DISCHARGED TO THE EASEMENT IF IT IS NOT ALLOWED TO COLLECT DIRT, DEBRIS, AND TRASH WHILE FLOWING TO THE DRAINAGE EASEMENT.
- B. SOURCES OF STORM WATER POLLUTANTS
 - 1. STORM WATER POLLUTANTS INCLUDE SOIL, SEDIMENT AND NUTRIENTS, OIL, GREASE, TOXIC POLLUTANTS, AND HEAVY METALS. SOURCES OF STORM WATER POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO SOIL EROSION, WASHING AND/OR WAXING, CLEANING OF VEHICLES, GRADING, VEGETATION AND EQUIPMENT REFUELING AND MAINTENANCE, WASHING OF CONCRETE TRUCKS, MIXERS, AND HANDLING EQUIPMENT, PAINTS, SOLVENTS AND ADHESIVES, AND LANDSCAPING WORK.
- C. EROSION AND SEDIMENT CONTROLS
 - 1. COVER EXPOSED TOPSOILS BY SOILS. CONSTRUCTION AND LANDSCAPING MATERIALS WITH HEAVY PLASTIC SHEETING.
 - 2. IN LANDSCAPING AREAS WHERE THE VEGETATION HAS NOT ESTABLISHED GROWTH AND TAKEN HOLD, CONSTRUCT SANDBAG OR DIRT BERMS AROUND THEIR PERIMETER TO INSURE THAT WATER WILL BE CONTAINED INSIDE THE LANDSCAPING AREA AND THAT IT WILL NOT BE CONVEYED TO THE DRAINAGE EASEMENT.
 - 3. RE-VEGETATE AREAS.
 - 4. DIVER STORM WATER RUNOFF AROUND DISTURBED SOILS WITH BERMS OR DIRT SWALES.
- D. OTHER CONTROLS
 - 1. WASTE DISPOSAL
 - A. KEEP WASTE DISPOSAL CONTAINERS COVERED.
 - B. PROVIDE THE WEEKLY OR MORE FREQUENT, IF NECESSARY DISPOSAL OF WASTE CONTAINERS.
 - C. PROVIDE CONTAINERS AT CONVENIENT LOCATIONS AROUND THE SITE.
 - 2. SWEEPING OF SITE
 - A. PROVIDE DAILY SWEEPING BY HAND OR MECHANICAL MEANS (IF NEEDED) TO KEEP THE PAVED AREAS OF THE SITE FREE OF DIRT, DUST, AND DEBRIS.
 - B. DISPOSE OF ACCUMULATED DIRT IN WASTE CONTAINERS, OR HAUL IT OFF THE SITE TO A LANDFILL.
 - 3. SANITARY/SEPTIC DISPOSAL
 - A. PORTABLE TOILETS AND OTHER SANITARY FACILITIES SHALL BE SERVICED WEEKLY AND RINSED CLEAN BY A WASTE DISPOSAL COMPANY. NO TOXIC OR HAZARDOUS WASTE SHALL BE DISPOSED IN PORTABLE TOILET OR IN THE ON-SITE SANITARY SEWER.
 - 4. SPILLS
 - A. STORE ADEQUATE ABSORBENT MATERIALS, RAGS, BROOMS, SHOVELS, AND WASTE CONTAINERS ON THE SITE TO CLEAN UP SPILLS OF MATERIALS SUCH AS FUEL, PAINT, SOLVENTS, OR CLEANERS. CLEAN UP MINOR SPILLS IMMEDIATELY.
 - B. FOR REMEDIATION OF HAZARDOUS OR TOXIC SUBSTANCE, SECURE THE SERVICES OF QUALIFIED PERSONNEL FOR CLEAN UP AND DISPOSAL.
 - 5. CONTROL OF ALLOWABLE NON-STORM WATER DISCHARGES
 - A. IRRIGATION, SPRINKLER CONTROL, MEASURES, PIPE FLUSHING AND TESTING, AND PAVEMENT WASHING ARE ALLOWED IF THEY CANNOT FEASIBLY BE ELIMINATED. COMPLY WITH THIS PLAN, DO NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS, AND ARE NOT REQUIRED TO BE PERMITTED BY THE LOCAL REGIONAL WATER QUALITY CONTROL BOARD.
 - 6. VEHICLES AND EQUIPMENT
 - A. FIX LEAKS OF FUEL, OIL, AND OTHER SUBSTANCES IMMEDIATELY.
 - B. PERFORM REFUELING AND SERVICE OF VEHICLES OR EQUIPMENT OFF-SITE WHEN POSSIBLE. IF REFUELING OR SERVICE OF EQUIPMENT IS PERFORMED ON-SITE, THEN PROVIDE AN IMPERVIOUS CONTAINED AREA WHERE ANY SPILLS CAN BE CONTAINED WITHOUT FLOWING TO A STORM WATER INLET OR INTO THE GROUND.
 - 7. CONCRETE TRUCKS, MIXERS AND HANDLING EQUIPMENT
 - A. DO NOT DISPOSE OF WASHOUT FROM THE WASHING OF CONCRETE TRUCKS, MIXERS, AND HANDLING EQUIPMENT WHERE IT WILL FLOW INTO A STORM WATER INLET OR INTO A PUBLIC STREET.
 - B. PROVIDE A HOLDING TANK TO RECEIVE ANY WASHOUT FROM CONCRETE EQUIPMENT. DISPOSAL OF TANK CONTENTS SHOULD BE CONDUCTED BY A WASTE HANDLING FIRM.
 - C. PROVIDE A DESIGNATED AREA FOR WASHING ANY VEHICLES OR EQUIPMENT. DRAINAGE FROM THIS AREA SHOULD FLOW TO THE HOLDING TANK.
 - 8. LANDSCAPING OPERATIONS
 - A. USE ONLY THE MINIMUM AMOUNT OF LANDSCAPING FERTILIZERS, NUTRIENTS, AND OTHER CHEMICALS THAT ARE NEEDED.
 - B. DO NOT OVER WATER FERTILIZED OR TREATED LANDSCAPE AREAS. MINIMIZE RUNOFF OF IRRIGATION WATER FROM LANDSCAPING.
 - 9. STORM WATER INLETS
 - A. KEEP ALL ON-SITE STORM WATER INLETS CLEAN AND FREE OF DIRT AND DEBRIS. IN THE EVENT THAT SEDIMENT AND DEBRIS MAY FLOW TO AN INLET, PROVIDE AN 18 INCH MINIMUM STRAIN BARRIER AROUND THE INLET TO TRAP THE DIRT AND DEBRIS AND ALLOW ONLY CLEAN STORM WATER TO ENTER THE INLET.
- E. INSPECTION
 - 1. REGULAR INTERVAL INSPECTION AND INSPECTION BEFORE AND AFTER STORMS
 - A. VISUALLY INSPECT THE SITE WEEKLY TO INSURE THAT STORM WATER POLLUTION CONTROL MEASURES ARE IN PLACE.
 - B. BEFORE A STORM, INSPECT THE SITE TO INSURE THAT STORM WATER POLLUTION CONTROL MEASURES ARE IN PLACE.
 - C. AFTER A STORM, INSPECT ALL STORM WATER INLETS TO INSURE THAT THEY ARE CLEAR OF DIRT AND DEBRIS.
 - D. THE UTAH REGIONAL WATER QUALITY DIVISION MAY REQUIRE THE DISCHARGE TO CONDUCT ADDITIONAL SITE INSPECTIONS, SUBMIT REPORTS AND CERTIFICATIONS, OR TO PERFORM SAMPLING AND ANALYSIS.
 - 2. ALL DISCHARGES ARE REQUIRED TO CONDUCT INSPECTIONS OF THE CONSTRUCTION SITE PRIOR TO ANTICIPATED STORM EVENTS AND AFTER ACTUAL STORM EVENTS TO IDENTIFY AREAS CONTRIBUTING TO A STORM WATER DISCHARGE. TO EVALUATE WHETHER MEASURES TO REDUCE POLLUTANT LOADINGS IDENTIFIED IN THIS SWPPP ARE ADEQUATE TO PROPERLY IMPLEMENT IN ACCORDANCE WITH THE TERMS OF THE GENERAL PERMIT, AND TO DETERMINE WHETHER ADDITIONAL CONTROL PRACTICES ARE NEEDED.
 - 3. PREPARATION OF REPORTS AND RETENTION OF RECORDS
 - A. EACH DISCHARGER MUST CERTIFY ANNUALLY THAT ITS CONSTRUCTION ACTIVITY IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE GENERAL PERMIT AND THIS SWPPP. THIS CERTIFICATION MUST BE BASED ON THE SITE INSPECTIONS. THE FIRST CERTIFICATION MUST BE COMPLETED BY OCTOBER 1, 2019, AND EACH OCTOBER HEREAFTER.
 - B. THE DISCHARGER IS REQUIRED TO RETAIN RECORDS OF ALL MONITORING INFORMATION, COPIES OF ALL REPORTS REQUIRED BY THIS GENERAL PERMIT, AND RECORDS OF ALL DISCHARGES TO COMPLETE THE NOTICE OF ABILITY FOR CONSTRUCTION ACTIVITY FOR A PERIOD OF AT LEAST THREE YEARS. THIS PERIOD MAY BE EXTENDED BY THE STATE WITH THE EXCEPTION OF NONCOMPLIANCE REPORTING. DISCHARGERS ARE NOT REQUIRED TO SUBMIT THE RECORDS EXCEPT UPON SPECIFIC REQUEST BY THE STATE DEED DIVISION OF WATER QUALITY.
 - C. DISCHARGERS WHO CANNOT CERTIFY COMPLIANCE MUST NOTIFY THE STATE DEED DIVISION OF WATER QUALITY. THIS NOTIFICATION SHALL IDENTIFY THE TYPE OR TYPES OF NONCOMPLIANCE, DESCRIBE THE ACTIONS NECESSARY TO ACHIEVE COMPLIANCE, AND INCLUDE A TIME SCHEDULE. SUBJECT TO THE MODIFICATIONS BY THE STATE DEED DIVISION OF WATER QUALITY, INDICATING WHEN COMPLIANCE WILL BE ACHIEVED. NONCOMPLIANCE REPORTS MUST BE SUBMITTED WITHIN 30 DAYS OF THE IDENTIFICATION OF NONCOMPLIANCE.

- F. MAINTENANCE OF CONTROLS
 - 1. MAINTENANCE AND REPAIR
 - A. ALL CONTROLS AND MEASURES INDICATED ON THIS PLAN SHOULD BE MAINTAINED IN GOOD AND EFFECTIVE CONDITION. IF ANY CONTROLS OR MEASURES ARE DAMAGED OR REMOVED, THEY SHOULD BE PROMPTLY REPAIRED OR RESTORED.
 - 2. PLAN REVISIONS
 - A. IF CONSTRUCTION ACTIVITY OR CONDITIONS CHANGE FROM THOSE SHOWN IN THIS PLAN, THEN THIS PLAN SHALL BE REVISED TO REFLECT THE CURRENT CONDITIONS.
- G. FINAL STABILIZATION AND POST CONSTRUCTION CONTROLS
 - 1. STABILIZATION PRACTICES MAY INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, CERTIFIED, SOIL STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION AND OTHER APPROPRIATE MEASURES. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED EXCEPT AS NOTICED.
 - 2. AFTER CONSTRUCTION HAS BEEN COMPLETED, THE SITE SHALL BE SWEEP CLEAN, STORM WATER INLETS (GRATES AND BASINS) SHALL BE CLEANED, AND ALL WASTE AND LEFTOVER MATERIALS SHALL BE REMOVED FROM SITE.
 - 3. ALL LANDSCAPING AND PLANTING AREAS SHOULD BE WELL MAINTAINED TO PREVENT EROSION, AVOID OVER WATERING OF LANDSCAPING.
 - 4. ALL PAVED AREAS SHOULD BE SWEEP WEEKLY EITHER BY HAND OR BY MECHANICAL MEANS TO KEEP THE SITE CLEAR OF DIRT, DUST, AND DEBRIS.
 - 5. WASTE MATERIAL ON-SITE SHOULD BE STORED IN COVERED CONTAINERS WHICH ARE CLEANED OUT OFTEN.
 - 6. TESTING OF FIRE HYDRANTS ON-SITE SHALL NOT BE CONDUCTED UNTIL THE AREA WHERE THE WATER DISCHARGES HAS BEEN SWEEP CLEAN OF DIRT AND DEBRIS.
 - 7. STORM DRAIN LINES SHOULD BE CHECKED AND CLEANED ANNUALLY TO KEEP THEM CLEAN AND CLEAR OF DEBRIS.
 - 8. ALL ON-SITE STORM WATER INLETS SHOULD BE CLEARLY MARKED "STORM WATER ONLY".
- H. COMPLETION OF CONSTRUCTION ACTIVITIES AND NOTICE OF TERMINATION
 - 1. WHEN CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED ON THIS SITE, THE OWNER SHALL FILE A LETTER WITH THE STATE DEED DIVISION OF WATER QUALITY. THIS LETTER SHALL CERTIFY THAT THE CONSTRUCTION ACTIVITY HAS BEEN COMPLETED, THAT ALL ELEMENTS OF THE SWPPP HAVE BEEN IMPLEMENTED, THAT THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS, POLICIES, AND GUIDELINES.

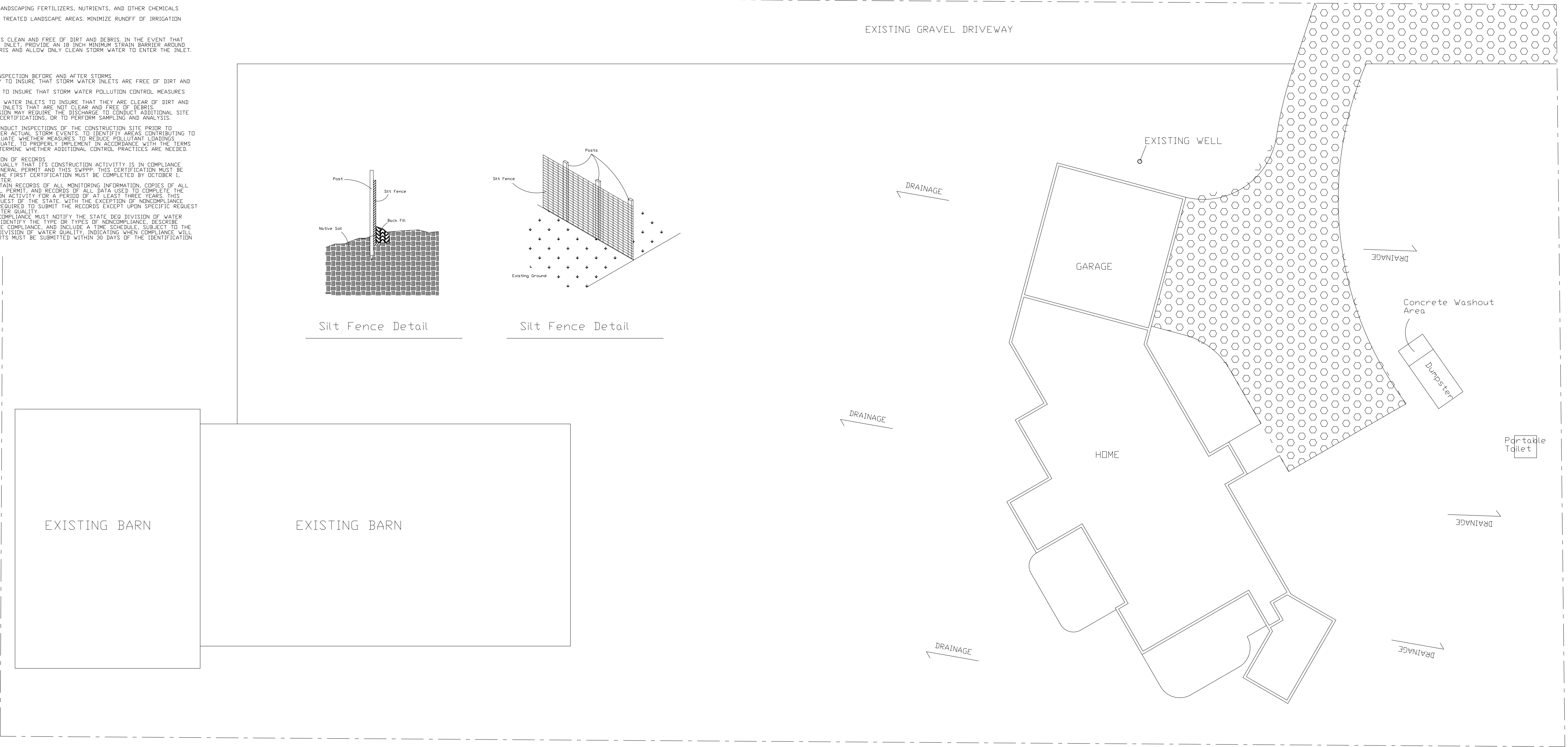
STORM WATER POLLUTION PREVENTION PLAN SPECIFIC NOTES

- 1. THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WAS DEVELOPED AT THE REQUEST OF THE OWNER, JAY MEYER FOR THE CONSTRUCTION OF A RESIDENCE IN THE CITY OF HUNTSVILLE, COUNTY OF WEBER, STATE OF UTAH. THIS PLAN IDENTIFIES POTENTIAL SOURCES OF POLLUTANTS OF STORM WATER, PREVENTS, MINIMIZES, MONITORS, AND RESTORES POLLUTION. THE SWPPP IS TO BE MAINTAINED AND MODIFIED AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD.
- 2. ALL CONTRACTORS AND THEIR PERSONNEL WHOSE WORK CAN CONTRIBUTE TO OR CAUSE POLLUTION OF STORM WATER SHOULD BE MADE FAMILIAR WITH THIS STORM WATER POLLUTION PREVENTION PLAN. ADEQUATE TRAINING PROVIDED BY THE PROJECT FOR IMPLEMENTATION OF THE MEASURES PRESENTED HEREIN SHALL BE PROVIDED TO THE CONTRACTOR AND THEIR PERSONNEL.
- 3. ALL PREVENTION AND CLEAN UP MEASURES SHOULD BE CONDUCTED IN ACCORDANCE WITH WEBER COUNTY ORDINANCES AS WELL AS STATE AND FEDERAL REGULATIONS. WASTE NETWORKS SHALL BE IDENTIFIED BY A CLEAN MANAGER. ALL DISCHARGES OF STORM WATER MUST COMPLY WITH THE LANDFILL REQUIREMENTS OF WEBER COUNTY AND OTHER LOCAL AGENCIES REGARDING THE DISCHARGES OF STORM WATER TO STORM DRAINS.
- 4. THIS PLAN DOES NOT COVER THE REMOVAL OF HAZARDOUS OR TOXIC WASTE. IN THE EVENT OF A DISCHARGE OR RELEASE OF A SIGNIFICANT QUANTITY OF TOXIC WASTE, WORK SHOULD BE STOPPED UNTIL THE SPILL CAN BE ASSESSED AND A MITIGATED BY REPORT PREPARED BY A QUALIFIED ENVIRONMENTAL CONSULTANT AND IF NECESSARY, REVIEWED BY WEBER COUNTY AND ANY OTHER AGENCY INVOLVED.
- 5. THIS SWPPP SHALL BE MADE AVAILABLE TO THE PUBLIC UNDER SECTION 306(b) OF THE CLEAN WATER ACT. UPON REQUEST BY MEMBERS OF THE PUBLIC, THE DISCHARGER SHALL MAKE AVAILABLE FOR A REVIEW A COPY OF THIS SWPPP EITHER IN PRINT OR ELECTRICALLY. THE DISCHARGER THIS SWPPP MUST BE KEPT ON SITE UNTIL WATER QUALITY STANDARDS ARE MET. THIS MEANS ABOUT 300 FEET FROM THE PROJECT OR THE UTAH REGIONAL WATER QUALITY DIVISION OF THE LOCAL AGENCY.
- 6. CONTACTS
 - CONTRACTOR
 - STATE OF UTAH
 - DEPARTMENT OF ENVIRONMENTAL QUALITY
 - DIVISION OF WATER QUALITY
 - 500 NORTH W 1000
 - PO BOX 14870
 - SALT LAKE CITY UT 84114-4870
 - WEBER COUNTY
 - ENVIRONMENTAL PROTECTION AGENCY
 - 1000 WEST 1000 SOUTH
 - HUNTSVILLE UT 84401-9918
- 7. REFERENCES
 - 1. UTAH RAIN FLOW COEFFICIENT LINE (L) DATED APRIL 3, 2009
 - 2. STORM WATER POLLUTION PREVENTION PLAN PREPARED BY CREATIVE LINE LLC DATED APRIL 3, 2019
 - 3. THE PROPOSED CONSTRUCTION ACTIVITY IS CONSTRUCTION OF A RESIDENCE FOR JAY & REBECCA MEYER.
 - 4. LOCATION OF THE SITE
 - 5. THE PROJECT IS LOCATED AT 615 NORTH 7800 EAST, HUNTSVILLE, WEBER COUNTY UTAH.
 - 6. THE SOILS FOR AN INTERMEDIATE SLOPE (CLASSIFIED AS "CONCRETE" RESIDUAL) OR A BUILDING AND THAT ABOUT 80% OF THE SITE HAS A PREVIOUS SURFACE COVERED BY LANDSCAPING AND PLANTING AREAS.
 - 7. THE EXISTING NATIVE SUBSURFACE SOILS ARE GENERALLY SILTY CLAY OVER SILTY SAND. THE EXISTING LANDSCAPING IRRIGATION SYSTEMS ARE AS DESCRIBED IN THE ATTACHED PLAN. THE EXISTING STORM WATER QUALITY IS TYPICAL OF STORM WATER FLOWING FROM DEVELOPED, SUBURBAN AREAS.
 - 8. A. THE EXISTING SITE COEFFICIENT FOR POLLUTION PREVENTION (PRE-CONSTRUCTION RUNOFF COEFFICIENT) = 0.20 WITH LANDSCAPING A POST-CONSTRUCTION RUNOFF COEFFICIENT = 0.20
 - 9. SEE IMPROVEMENT PLANS FOR SITE DRAINAGE.
 - 10. FINISH DATE: _____
 - 11. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND TESTING OF THE STORM WATER POLLUTION CONTROL MEASURES FOR THIS PROJECT.

- Site Notes
- 1. Approximately 4600 Sq. Ft. will be disturbed during construction.
 - 2. The General Contractor is responsible for monitoring conditions during construction and the maintenance of the SWPPP plan.
 - 3. Install a silt fence around perimeter of construction site to contain dirt and debris during construction.
 - 4. All excavated material will be used as fill on site either below concrete floors or as landscaping material surrounding home.
 - 5. The concrete washout is located near the construction entrance, on the east side of the lot. The General Contractor is responsible for the maintenance of the concrete washout.
 - 6. The portable toilet is located near the south side of the construction entrance centrally located on the lot. The portable toilet shall be installed following the manufacturer's instructions.
 - 7. The construction entrance is located directly in front of the garage on the north east side of the lot. Install 2" rock base over compacted fill for construction roadway.
 - 8. In the event that any mud and/or dirt is tracked onto the asphalt roadway, sweep and/or wash away all dirt and dust as needed.
 - 9. All rain and storm water on this project site currently drains as indicated on the site plan.
 - 10. There are 3 existing structures located on this property at this time. A home which will be demolished as well as 2 agricultural barns that will remain.



--- Property Line



7800 EAST STREET

Homeowner:
Jay & Rebecca Meyer
801 860-1180

General Contractor:

MEYER RESIDENCE
615 North 7800 East
Huntsville, Utah

SHEET NO:
S102
DESCRIPTION:
SWPPP PLAN

Scale: 1/16" = 1 Foot

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