STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

1. SITE DESCRIPTION:

WITHERING HEIGHTS SUBDIVISION LOCATED WITHIN LAYTON CITY BOUNDARIES ON LAND WHICH WAS PREVIOUSLY USED FOR AGRICULTURE. A MINIMUM AMOUNT OF WATER FLOWS ONTO THE SITE AND IS CONTROLLED BY IRRIGATION DITCHES. FLOWS ARE GENERALLY FROM THE NORTH EAST DRAINING TO THE SOUTHWEST. STORM WATER RUNOFF FROM THIS SITE WILL BE CAPTURED IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS.

PROJECT DESCRIPTON: THE PROPOSED CONSTRUCTION ACTIVITY IS THE DEVELOPMENT OF 35 ACRES CONSISTING OF A 42 LOT SUBDIVISION LOCATED AT APPROXIMATELY 2200 W AND 1000 NORTH.

MAJOR SOIL DISTURBING ACTIVITIES INCLUDE:
(CHECK ALL THAT APPLY)
___REMOVING VEGETATION
___EXPOSING SUBSOIL TO WEATHERING
___EXPOSING SUBSOIL TO VEHICLE TRAFFIC
___GRADING ___EXCAVATION ___CUT AND FILL
___OTHER_____

TOTAL PROJECT AREA: XX.XX ACRES TOTAL AREA TO BE DISTURBED: XX.XX ACRES

WEIGHTED RUNOFF COEFFICIENT:
BEFORE CONSTRUCTION C = 0.XX AFTER CONSTRUCTION C = 0.XX
TOTAL RUNOFF: BEFORE _____cfs AFTER _____cfs

EXISTING CONDITION OF SOIL & VEGETATIVE COVER AND % OF VEGETATION COVER:
_____

NAME OF RECEIVING WATERS: (list receiving waters and include wetlands here)
The storm water runoff during construction will be filtered by silt fence and other BMPs shown below, and will then drain into the city storm drain system to a city Detention pond then into Kay's Creek and then into the Great Salt Lake.

2. CONTROLS:

2A. EROSION AND SEDIMENT

*STABILIZATION PRACTICES:

(check all that apply)

BMP	DESCRIPTION OF BMP
___	CESA CONTAMINATED OR ERODIBLE SURFACE AREA
___	CM CHEMICAL MULCH
___	CP COMPACTION
___	CR CONSTRUCTION ROAD STABILIZATION
___	DC DUST CONTROLS
___	ECB EROSION CONTROL BLANKETS
___	FS FILTER STRIPS
___	HM HYDROMULCHING
___	MU MULCHING
___	PEV PRESERVATION OF EXISTING VEGETATION
___	SCE STABILIZED CONSTRUCTION ENTRANCE
___	SP SEEDING AND PLANTING
___	TPS TEMPORARY AND PERMANENT SEEDING

*SEDIMENT REMOVAL PRACTICES:

(check all that apply)

BMP	DESCRIPTION OF BMP
___	BRF BRUSH OR ROCK FILTER
___	CST CURB SEDIMENTATION TRAP
___	FR FIBER ROLLS
___	IP-E INLET PROTECTION-EXCAVATED
___	IP-GB INLET PROTECTION-GRAVEL BAGS
___	IP-SF INLET PROTECTION-SILT FENCE OR STRAW BALES
___	SB SEDIMENT BASIN
___	SF SILT FENCE
___	ST SEDIMENT TRAP
___	STB STRAW BALE BARRIER

*RUNOFF DIVERSION & VELOCITY REDUCTION:

(check all that apply)

BMP	DESCRIPTION OF BMP
___	BE BENCHING
___	CD CHECK DAMS
___	DD DIVERSION DIKES
___	DI DIVERSION ISOLATION
___	OP OUTLET PROTECTION
___	SD SLOPE DRAIN
___	SR SURFACE ROUGHENING
___	TDS TEMPORARY DRAINS OR SWALES
___	TSC TEMPORARY STREAM CROSSING

2B. STORM WATER MANAGEMENT:

*WASTE AND MATERIAL MANAGEMENT:

(check all that apply)

BMP	DESCRIPTION OF BMP
___	BRRC BUILDING REPAIR, REMODELING, AND CONSTRUCTION
___	CWM CONCRETE WASTE MANAGEMENT
___	EBB EARTH BERM BARRIER
___	HWM HAZARDOUS WASTE MANAGEMENT
___	MS MATERIAL STORAGE
___	PT PORTABLE TOILET
___	SC SPILL CLEAN-UP
___	WD WASTE DISPOSAL

*VEHICLE AND EQUIPMENT MANAGEMENT:

(check all that apply)

BMP	DESCRIPTION OF BMP
___	EVWA EQUIPMENT AND VEHICLE WASHDOWN AREA
___	VEC VEHICLE AND EQUIPMENT CLEANING
___	VEF VEHICLE AND EQUIPMENT FUELING

2C. APPROVED LOCAL PLANS:

THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WAS DEVELOPED CONSISTENT WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL STORM WATER PERMIT FOR CONSTRUCTION ACTIVITIES, AND THE DAVIS COUNTY STORM WATER COALITION BEST MANAGEMENT PRACTICES (BMPs). THIS SWPPP MEETS THE REQUIREMENTS OF SPECIAL CONDITION S9 OF THE GENERAL PERMIT. THE PRIMARY CONSIDERATION DETERMINING THE ADEQUACY OF THE SWPPP IS COMPLIANCE WITH STATE SURFACE WATER QUALITY STANDARDS (CHAPTER 173-201A). THE PLAN, PROPERLY IMPLEMENTED, SHOULD RESULT IN THE DISCHARGE OF WATER TO THE ENVIRONMENT WITHOUT THE VIOLATION OF WATER QUALITY STANDARDS.

3. MAINTENANCE:

ALL TEMPORARY AND PERMANENT EROSION CONTROL BMPs WILL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. SCHEDULE AND ACCOMPLISH MAINTENANCE EFFORTS AFTER EACH STORM EVENT AND PRIOR TO ANTICIPATED STORM EVENTS. ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPs WILL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMPs ARE NO LONGER NEEDED. DISTURBED SOIL AREAS RESULTING FROM REMOVAL OF BMPs OR VEGETATION WILL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE.

4. MONITORING AND INSPECTION:

INSPECT BY QUALIFIED PERSONNEL DISTURBED AREAS, STORAGE AREAS, EROSION/SEDIMENT CONTROL MEASURES AND CONSTRUCTION ACCESS LOCATIONS:

- AT LEAST ONCE EVERY TWO WEEKS FOR SITES NOT FINALLY STABILIZED,
- PRIOR TO ANTICIPATED STORM EVENTS THAT COULD RESULT IN SUBSTANTIAL RUNOFF,
- WITHIN 24 HOURS AFTER A STORM THAT RESULTS IN 0.5 IN OF RUNOFF OR GREATER,
- AT LEAST ONCE A MONTH, WHEN RUNOFF IS UNLIKELY OR WHERE SITES HAVE BEEN STABILIZED.

PREPARE A REPORT FOR EACH INSPECTION. INCLUDE THE SCOPE OF THE INSPECTION, DATE, NAMES OF INSPECTORS, MAJOR OBSERVATIONS, FAILED CONTROLS AND ACTIONS TAKEN. RETAIN COPIES OF INSPECTION REPORTS, THE SWPPP, THE NOI AND OTHER RECORDS FOR 3 YEARS FOLLOWING.

5. KEEPING PLANS CURRENT

AMEND THIS STORM WATER POLLUTION PREVENTION PLAN WHENEVER:

1. THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE THAT HAS A SUBSTANTIAL EFFECT ON THE DISCHARGE OF POLLUTANTS.
2. INSPECTIONS OR INVESTIGATIONS BY OFFICIALS INDICATE THAT THE PLAN IS INEFFECTIVE IN ELIMINATING, MINIMIZING OR CONTROLLING THE DISCHARGE OF POLLUTANTS ASSOCIATED WITH CONSTRUCTION.
3. THERE IS A NEW CONTRACTOR OR SUBCONTRACTOR THAT IMPLEMENTS A MEASURE OF THE STORM WATER POLLUTION PREVENTION PLAN.

6. SPILL PREVENTION AND RESPONSE

CONSISTENT WITH THE GENERAL PERMIT REQUIREMENTS ALL POTENTIAL POLLUTANTS OTHER THAN SEDIMENT WILL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM WATER.

6A. SPILL RESPONSE

THE PRIMARY OBJECTIVE IN RESPONDING TO A SPILL IS TO QUICKLY CONTAIN THE MATERIAL(S) AND PREVENT OR MINIMIZE THEIR MIGRATION INTO STORM WATER RUNOFF AND CONVEYANCE SYSTEMS. IF THE RELEASE HAS IMPACTED ON-SITE STORM WATER, IT IS CRITICAL TO CONTAIN THE RELEASE MATERIALS ON SITE AND PREVENT THEIR RELEASE INTO RECEIVING WATERS.

IF A SPILL OF POLLUTANTS OCCURS, IMMEDIATELY CONTAIN THE RELEASE AND CONTACT THE SITE SUPERINTENDENT.

IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER USE ABSORBANT PADS AND/OR BOOMS TO CONTAIN AND REMOVE THE OIL.

ANY SPILL OF OIL WHICH VIOLATES WATER QUALITY STANDARDS, PRODUCES A SHEEN ON A WATER SURFACE, OR CAUSES A SLUDGE OR EMULSION MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (NRC) HOTLINE AT: (800)424-8802

ANY OIL, HAZARDOUS SUBSTANCE, OR HAZARDOUS WASTE RELEASE WHICH EXCEEDS THE REPORTABLE QUANTITY MUST BE REPORTED IMMEDIATELY TO THE NRC: (800)424-8802

7. STORM WATER COLLECTION SYSTEM

DURING ALL PHASES OF CONSTRUCTION AND GRADING THE CONTRACOR WILL PROVIDE STORM WATER COLLECTION AND CONVEYANCE SYSTEMS TO COLLECT AND DIRECT SEDIMENT CONTAMINATED WATER TO TEMPORARY SEDIMENT TRAPS AS NEEDED TO PREVENT OFFSITE DISCHARGE OF SEDIMENT LADEN STORM WTAER. CLEAN STORM WATER, GENERATED FROM STABILIZED AND UNDISTURBED PORTIONS OF THE SITE, WILL BE COLLECTED AND CONVEYED TO STABILIZED DISHCARGE AREAS WHENEVER NECESSARY TO AVOID CONTACT WITH DISTURBED PORTIONS OF THE SITE. ALL CONVEYANCE AND COLLECTION SYSTEMS WILL BE CONSTRUCTED CONSISTENT WITH DAVIS COUNTY STORM WATER COALITION BMPs.

8. DEFINITIONS:

"BEST MANAGEMENT PRACTICES" (BMPs) MEANS SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, MAINTENANCE PROCEDURES, AND OTHER MANAGEMENT PRACTICES TO PREVENT OR REDUCE POLLUTION. BMPs ALSO INCLUDE TREATMENT REQUIREMENTS, OPERATING PROCEDURES, AND PRACTICES TO CONTROL SITE RUNOFF, SPILLAGE OR LEAKS, WASTE DISPOSAL, OR DRAINAGE FROM RAW MATERIAL STORAGE. APPROVED BMPs MAY BE FOUND IN "A GUIDE TO STORMWATER BEST MANAGEMENT PRACTICES" BY: DAVIS COUNTY STORM WATER COALITION.

"CLEAN WATER ACT" (CWA) MEANS THE FEDERAL WATER POLLUTION CONTROL ACT ENACTED BY PUBLIC LAW 92-500 AS AMENDED BY PUBLIC LAWS 95-217, 95-576, 96-483, AND 97-111; 33 USC 1251 ET SEQ.

"CONSTRUCTION SITE" IS THE LOCATION OF THE CONSTRUCTION ACTIVITY.

"NON-STORM WATER DISCHARGE" MEANS ANY DISCHARGE TO STORM DRAIN SYSTEMS THAT IS NOT COMPOSED ENTIRELY OF STORM WATER EXCEPT DISCHARGE PURSUANT TO AN NPDES PERMIT AND DISCHARGES RESULTING FROM FIRE FIGHTING ACTIVITIES.

"SIGNIFICANT MATERIALS" INCLUDES, BUT IS NOT LIMITED TO RAW MATERIALS, FUELS, MATERIALS SUCH AS SOLVENTS, DETERGENTS, AND PLASTIC PELLETS; FINISHED MATERIALS SUCH AS METALLIC PRODUCTS; RAW MATERIALS USED IN FOOD PROCESSING OR PRODUCTION OF HAZARDOUS SUBSTANCES DESIGNATED UNDER SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION, AND LIABILITY ACT (CERCLA); ANY CHEMICAL THE FACILITY IS REUIRED TO REPORT PURSUANT TO SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA); FERTILIZERS; PESTICIDES; AND WASTE PRODUCTS SUCH AS ASHES, SLAG AND SLUDGE THAT HAVE THE POTENTIAL TO BE RELEASED WITH STORM WATER.

"SIGNIFICANT QUANTITIES" IS THE VOLUME, CONCENTRATIONS, OR MASS OF A POLLUTANT IN STORM WATER DISCHARGE THAT CAN CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION OR NUISANCE; ADVERSELY IMPACT HUMAN HEALTH OR THE ENVIRONMENT; AND CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY APPLICABLE WATER QUALITY STANDARDS FOR THE RECEIVING WATERS.

"STORM WATER" MEANS STORM WATER RUNOFF, SNOW MELT RUNOFF, SURFACE RUNOFF AND DRAINAGE. IT EXCLUDES INFILTRATION AND RUNOFF FROM AGRICULTURAL LAND.

"POLLUTION" MEANS THE MAN-MADE OR MAN-INDUCED ALTERATION OF THE CHEMICAL PHYSICAL BIOLOGICAL, AND RADIOLOGICAL INTEGRITY OF WATER "CLEAN WATER ACT SECTION 502(19)). POLLUTION ALSO MEANS AN ALTERATION OF THE QUALITY OF THE WATERS OF THE STATE, COUNTY OR CITY BY WASTE TO A DEGREE WHICH UNREASONABLY AFFECTS EITHER... THE WATERS FOR BENEFICIAL USES... OR FACILITIES WHICH SERVE THESE BENEFICIAL USES."

"CONTAMINATION" MEANS AN IMPAIRMENT OF THE QUALITY OF THE WATERS OF THE STATE BY WASTE TO A DEGREE WHICH CREATES A HAZARD TO THE PUBLIC HEALTH THROUGH POISONING OR THROUGH THE SPREAD OF DISEASE...INCLUDING ANY EQUIVALENT EFFECT RESULTING FROM THE DISPOSAL OF WASTE, WHETHER OR NOT WATERS OF THE STATE ARE AFFECTED."

"NUISANCE" MEANS "ANYTHING WHICH MEETS ALL OF THE FOLLOWING REQUIREMENTS:
1. IS INJURIOUS TO HEALTH, OR IS INDECENT OR OFFENSIVE TO THE SENSES, OR AN OBSTRUCTION TO THE FREE USE OF PROPERTY, SO AS TO INTERFERE WITH THE COMFORTABLE ENJOYMENT OF LIFE AND PROPERTY;
2. AFFECTS AT THE SAME TIME AN ENTIRE COMMUNITY OR NEIGHBORHOOD, OR ANY CONSIDERABLE NUMBER OF PERSONS, ALTHOUGH THE EXTENT OF THE ANNOYANCE OR DAMAGE INFLICTED UPON INDIVIDUALS MAY BE UNEQUAL;
3. OCCURS DURING OR AS A RESULT OF THE TREATMENT OR DISPOSAL OF WASTES."

"LOCAL AGENCY" MEANS ANY AGENCY THAT IS INVOLVED WITH REVIEW, APPROVAL, OR OVERSIGHT OF THE CONSTRUCTION SITES CONSTRUCTION ACTIVITY, EROSION AND SEDIMENT CONTROLS, AND OR STORM WATER DISCHARGE.

9. EMERGENCY PHONE NUMBERS:

FIRE, POLICE, AMBULANCE: 911

OWNER/REPRESENTATIVE:	OFFICE: MOBILE:
GENERAL CONTRACTOR:	OFFICE: MOBILE:
SUB 1:	OFFICE: MOBILE:
SUB 2:	OFFICE: MOBILE:
SUB 3:	OFFICE: MOBILE:
LAYTON CITY ENGINEERING DEPT: 437 N WASATCH DRIVE LAYTON, UT 84041	(801)336-3700
DEPT ENVIRONMENTAL QUALITY: DIVISION OF WATER QUALITY 288 NORTH 1460 WEST SALT LAKE CITY, UT 84114-4870	(801)536-4123 (24 HR)
U.S. EPA ENVIRONMENTAL PROTECTION AGENCY: DENVER, CO	REGION VIII NOTIFIED BY NRC @: (800)424-8802 (24 HR)
ENVIRONMENTAL PROTECTION AGENCY: WASHINGTON, DC 20460	NOTIFIED BY NRC @: (800)424-8802 (24 HR)

10. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PRSONNEL PROPRELY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

_____ DATE:_____
(signature of responsible party)

NAME:
TITLE:
ORGINIZATION:

THIS IS A SAMPLE OF THE GENERAL NOTES REQUIRED TO ACCOMPANY THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE INFORMATION LISTED ABOVE IS AN EXAMPLE ONLY AND MUST BE ALTERED TO FIT EACH CONSTRUCTION ACTIVITY. THE GENERAL NOTES MUST ACCOMPANY A DRAWING SHOWING THE LOCATION OF ALL THE BMPs IN USE AS NOTED AND ANY DETAIL DRAWINGS OF THE BMPs, WHICH MAY NEED CLARRIFICATION. THE GENERAL NOTES MUST BE THE SAME SHEET SIZE AS THE CONSTRUCTION DRAWINGS.

General Notes

No.	Revision/Issue	Date

Firm Name and Address

Project Name and Address

Project	Sheet
Date	
Scale	