

## **Stormwater Pollution Prevention Plan**

### **For:**

The Retreat Subdivision Phase 1  
5291 East Elkhorn Drive  
Eden UT 84310

### **Operator(s):**

Randy Marriott Construction  
Robert Defries  
5238 West 2150 North  
Ogden UT 84404  
801.731.7252 (Office)  
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### **SWPPP Contact(s):**

Randy Marriott Construction  
Robert Defries  
801.430.2255 (Mobile)

### **SWPPP Prepared By:**

The Householder Group LLC  
May 28, 2013

*Estimated Project Dates:*

**Project Start Date:** 05.28.2013  
**Project Completion Date:** 05.28.2014

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## SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING CERTIFICATION, AND SIGNATURE

### 1.1 Project/Site Information

Project/Site Name: The Retreat, Cluster Subdivision Phase 1

Project Street/Location: 5291 East Elkhorn Drive

City: Eden

State: UT ZIP Code: 84310

County: Weber County

Latitude:

41 ° 19 ' 46" N (degrees, minutes, seconds)

Longitude:

111 ° 49 ' 13" W (degrees, minutes, seconds)

Method for determining latitude/longitude:

☐ USGS topographic map (specify scale: \_\_\_\_\_)

☐ EPA Web site ☐ GPS

☒ Other (please specify): Google Earth

Is the project located in Indian country? ☐ Yes ☒ No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable."

Is this project considered a federal facility? ☐ Yes ☒ No

UPDES project or permit tracking number\*: \_\_\_\_\_

*\*(This is the unique identifying number assigned to your project by your permitting authority after you have applied for coverage under the appropriate National Pollutant Discharge Elimination System (UPDES) construction general permit.)*

### 1.2 Contact Information/Responsible Parties

**Operator(s):**

Randy Marriott Construction

Robert Defries

5238 West 2150 North

Ogden UT 84404

801.731.7252 (Office)  
801.430.2255 (Mobile)  
801.731.1008 (Fax)  
kamimarriott@msn.com

**Project Manager(s) or Site Supervisor(s):**

Randy Marriott Construction  
Robert Defries  
5238 West 2150 North  
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801.731.7252 (Office)  
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**This SWPPP was Prepared by:**

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**Subcontractor(s):**

None

**Emergency 24-Hour Contact:**

Randy Marriott Construction  
Robert Defries  
801.430.2255 (Mobile)

### **1.3 Nature and Sequence of Construction Activity**

Describe the general scope of the work for the project, major phases of construction, etc:

Phase one of the The Retreat Cluster Subdivision will consist of 18 homesites. Construction activities on the site will consist of removing vegetation, grading, installing utilities and paving. This first phase will disturb approximately 5.3 acres out of a total of 13.66.

What is the function of the construction activity?

☒ Residential   ☐ Commercial   ☐ Industrial   ☒ Road Construction   ☒ Linear Utility  
☐ Other (please specify):

Estimated Project Start Date: 05.28.2013

Estimated Project Completion Date: 10.28.2013

### **1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns**

Soil type(s): Based upon the seven test pits excavated for this study, the site is generally free of topsoil. Soils at the site consist of dense to very dense clayey gravel with sand (GC), very dense clayey gravel with sand and cobbles (GC), very dense silty gravel with sand (GM), stiff to hard elastic silt (MH) and soft elastic silt with sand (MH). Groundwater was not encountered in the test pits at the time of our investigation. This information was gathered from a geotechnical report by Earthtec Engineering.

Slopes (describe current slopes and note any changes due to grading or fill activities): Slopes on the project range from 0% to 40%. Nearly all the slopes on the project area are 10% or less.

Drainage Patterns (describe current drainage patterns and note any changes due to grading or fill activities): Drainage swells that run seasonally on both the west and east sides of the subdivision will not be affected. BMPs will be in place as needed. Please refer to the Erosion Control Plan.

Vegetation: Consists of sagebrush and rocks. Except where the road and utilities are being installed, native vegetation will not be disturbed.

Other:

## **1.5 Construction Site Estimates**

The following are estimates of the construction site.

Total project area:	13.66 acres
Construction site area to be disturbed:	5.3 acres
Percentage impervious area before construction:	0%
Runoff coefficient before construction:	0.20
Percentage impervious area after construction:	38.79%
Runoff coefficient after construction	0.45

## **1.6 Receiving Waters**

Description of receiving waters:

Pineview Reservoir (2.65 miles from project site)

Description of storm sewer systems:

Storm water conveyance system will be installed per Weber County design standards.

Description of impaired waters or waters subject to TMDLs:

Dissolved Oxygen (DO), Total Phosphorus (TP), temperature.

Other:

## **1.7 Site Features and Sensitive Areas to be Protected**

Description of unique features that are to be preserved:

There is a seasonal stream on the western boundary of the project. No wetlands are located within the project area.

Describe measures to protect these features:

The stream will be protected by native vegetation and silt fence where appropriate.

## **1.8 Potential Sources of Pollution**

Potential sources of sediment to stormwater runoff:

Construction activities such as removing existing vegetation, clearing and grubbing, grading, utility installation and paving could lead to the displacement of sediment.

Potential pollutants and sources, other than sediment, to stormwater runoff:

Heavy equipment fluids and concrete washouts.

## **1.9 Endangered Species Certification**

Are endangered or threatened species and critical habitats on or near the project area?

☒ Yes      ☐ No

Describe how this determination was made:

US Fish & Wildlife Service species report by county

[http://ecos.fws.gov/tess\\_public/countySearch!speciesByCountyReport.action?fips=49057](http://ecos.fws.gov/tess_public/countySearch!speciesByCountyReport.action?fips=49057)

If yes, describe the species and/or critical habitat:

June Sucker (*Chasmistes Liorus*)

Canada Lynx (*Lynx Canadensis*)

If yes, describe or refer to documentation that determines the likelihood of an impact on identified species and/or habitat and the steps taken to address that impact. (Note, if species are on or near your project site, EPA strongly recommends that the site operator work closely with the appropriate field office of the U.S. Fish and Wildlife Service or National Marine Fisheries Service. For concerns related to state or tribal listing of species, please contact a state or tribal official.)

This project is not likely to adversely affect the species listed above. Sediment and erosion control BMPs will be installed and maintained to help avoid adverse impacts.

Utah Department of Natural Resources  
801.538.4700



### **1.10 Historic Preservation**

Are there any historic sites on or near the construction site?

☐ Yes      ☒ No

Describe how this determination was made:

The Utah State History and National Register of Historic Places websites.

If yes, describe or refer to documentation that determines the likelihood of an impact on this historic site and the steps taken to address that impact.

### **1.11 Applicable Federal, Tribal, State or Local Programs**

The required Utah Division of Water Quality Notice of Intent Permit and the Weber County Stormwater Construction Activity Permits has been obtained.

### **1.12 Maps**

Include the site maps with the SWPPP. See Appendices A and B for additional information.



## SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

### 2.1 Minimize Disturbed Area and Protect Natural Features and Soil

Only the areas that will be developed with roads and utilities will be disturbed. The idea is to leave as much native area as possible. Construction staking will be in place to help protect these areas. As mentioned in 1.7, the seasonal stream on the west side of the project will be protected with the natural native buffer. Storm water will be diverted into the future detention ponds, but these ponds will work as sediment ponds until all construction activities are completed. Maintenance on these ponds will occur as needed.

### 2.2 Phase Construction Activity

- Phase I
  - The sequence of major activities include the removal of existing vegetation, grubby and grading in the roadway and utility areas, installation of utilities and the paving of roads.
  - This phase of the project will begin on May 28, 2013 and be completed by May 28, 2014.
  - As indicated on the Erosion Control and Grading Plan (Appendix B), the BMPs for this project include inlet protection, stabilized construction entrance, silt fence, rip rap culvert protection and pond outlet structures.
  - Reseeding will occur on the disturbed areas as needed.

### 2.3 Control Stormwater Flowing onto and through the Project

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**BMP Description:** Diversions will be used to redirect offsite flows onto the disturbed areas if needed

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

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**BMP Description:**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.4 Stabilize Soils

**BMP Description:** Native vegetation outside the construction area will not be disturbed

☒ **Permanent**

☐ **Temporary**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

**BMP Description:** Reseeding will occur on disturbed areas when construction activities are completed

☒ **Permanent**

☐ **Temporary**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.5 Protect Slopes

**BMP Description:**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

**BMP Description:**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.6 Protect Storm Drain Inlets

<b>BMP Description:</b> Gravel sock inlet protection	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.7 Establish Perimeter Controls and Sediment Barriers

<b>BMP Description:</b> Silt fence will be used for perimeter control	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.8 Retain Sediment On-Site

<b>BMP Description:</b> Sediment ponds	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

<b>BMP Description:</b>	
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<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.9 Establish Stabilized Construction Exits

<b>BMP Description:</b> Stabilized construction entrance	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	
<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## 2.10 Additional BMPs

<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	
<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## SECTION 3: GOOD HOUSEKEEPING BMPS

### 3.1 Material Handling and Waste Management

**BMP Description:** Temporary trash dumpster will be on location

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

**BMP Description:**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

### 3.2 Establish Proper Building Material Staging Areas

**BMP Description:**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

**BMP Description:**

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

### 3.3 Designate Washout Areas

<b>BMP Description:</b> Temporary concrete washout will be on site	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	
<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

### 3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices

<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	
<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

### 3.5 Control Equipment/Vehicle Washing

<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	
<b>BMP Description:</b>	

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

### **3.6 Spill Prevention and Control Plan**

The contractor will be responsible for preventing soil contaminating from heavy equipment fluids and hazardous spills.

### **3.7 Any Additional BMPs**

<b>BMP Description:</b>	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

### **3.8 Allowable Non-Stormwater Discharge Management**

<b>BMP Description:</b> Water truck will be on location for dust control	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

<b>BMP Description:</b> Dewatering is not expected to be needed, but if it is required, a permit will be obtained from the state of Utah	
<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	



## SECTION 4: SELECTING POST-CONSTRUCTION BMPs

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***BMP Description:*** Native vegetation outside the construction area will not be disturbed

<b><i>Installation Schedule:</i></b>	
<b><i>Maintenance and Inspection:</i></b>	
<b><i>Responsible Staff:</i></b>	

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***BMP Description:*** Reseeding will occur on disturbed areas when construction activities are completed

<b><i>Installation Schedule:</i></b>	
<b><i>Maintenance and Inspection:</i></b>	
<b><i>Responsible Staff:</i></b>	

## **SECTION 5: INSPECTIONS**

### ***5.1 Inspections***

#### ***1. Inspection Personnel:***

Randy Marriott Construction  
Robert Defries  
801.430.2255 (Mobile)

#### ***2. Inspection Schedule and Procedures:***

Per the requirements of the Utah Storm Water General Permit for Construction Activities (UTR300000, Section 3.5.4), inspection will be conducted at least once every 14 days and within 24 hours of the end of a storm event of 0.5 inches or greater. The contractor will provide the inspection form or use the form in Appendix E.

### ***5.2 Delegation of Authority***

#### **Duly Authorized Representative(s) or Position(s):**

Attach a copy of the signed delegation of authority form in Appendix K.

### ***5.3 Corrective Action Log***

Corrective Action Log:

See Appendix F.

## **SECTION 6: RECORDKEEPING AND TRAINING**

### **6.1 *Recordkeeping***

**NOTE:** Records will be retained for a minimum period of at least 3 years after the permit is terminated.

Date(s) when major grading activities occur:

TBD by Marriott Construction

Date(s) when construction activities temporarily or permanently cease on a portion of the site:

TBD by Marriott Construction

Date(s) when an area is either temporarily or permanently stabilized:

TBD by Marriott Construction

### **6.2 *Log of Changes to the SWPPP***

Log of changes and updates to the SWPPP

See Appendix G.

### **6.3 *Training***

Individual(s) Responsible for Training:

Marriott Construction – Robert Defries (801.430.2255)

The form for tracking training activities is located in Appendix J

Describe Training Conducted:

- General stormwater and BMP awareness training for staff and subcontractors:
- Detailed training for staff and subcontractors with specific stormwater responsibilities:

## SECTION 7: FINAL STABILIZATION

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**BMP Description:** Reseeding will occur on disturbed areas when construction activities are completed

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

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**BMP Description:** Complete landscaping at entry monuments, the installation of roads and storm water systems and eventually the construction of homes and private landscaping

<b>Installation Schedule:</b>	
<b>Maintenance and Inspection:</b>	
<b>Responsible Staff:</b>	

## SECTION 8: CERTIFICATION AND NOTIFICATION

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 personnel properly 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 submitted 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.

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## **SWPPP APPENDICES**

Attach the following documentation to the SWPPP:

***Appendix A – General Location Map***

***Appendix B – Site Maps***

***Appendix C – Construction General Permit***

***Appendix D – NOI and Acknowledgement Letter from  
EPA/State/MS4***

***Appendix E – Inspection Reports***

***Appendix F – Corrective Action Log (or in Part 5.3)***

***Appendix G – SWPPP Amendment Log (or in Part 6.2)***

***Appendix H – Subcontractor Certifications/Agreements***

***Appendix I – Grading and Stabilization Activities Log (or in Part  
6.1)***

***Appendix J – Training Log***

***Appendix K – Delegation of Authority***

***Appendix L – Additional Information (i.e., Endangered Species  
and Historic Preservation Documentation; other permits such as  
dewatering, stream alteration, wetland; and out of date swPPP  
documents)***

***Appendix M – BMP Specifications***

# APPENDIX A



# The Retreat Subdivision

5303 E

22110 00124

Image: 10/10/2000 10:00:00 AM 10/10/2000 10:00:00 AM 10/10/2000 10:00:00 AM



# APPENDIX B



# APPENDIX C

**STATE OF UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY  
DIVISION OF WATER QUALITY**

**Authorization to Discharge Under the  
Utah Pollutant Discharge Elimination System**

**Storm Water General Permit for  
Construction Activities  
Permit No. UTR300000**

This Permit is issued in compliance with the provisions of the Utah Water Quality Act, Title 19, Chapter 5, Utah Code Annotated 2004, as amended (the "Act") and the federal Water Pollution Control Act (33 U.S.C. §§ 1251 *et. seq.*, as amended to date), and the rules and Regulations made pursuant to those statutes.

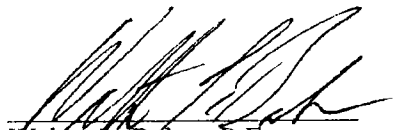
This Permit authorizes storm water discharges to waters of the State of Utah resulting from construction activities, including construction support activities, anywhere within the State of Utah as provided in Parts 1.4 and 1.5 of this Permit. This authorization is conditioned upon a discharger meeting the eligibility requirements in Part 1.2.2 of this Permit, including preparation of a Storm Water Pollution Prevention Plan prior to filing a Notice of Intent ("NOI") to discharge under this General Permit. A discharger is not covered by this Permit if the discharger submits an NOI but has not met these conditions.

This authorization is subject to the authority of the Utah Water Quality Board or the Executive Secretary of the Utah Water Quality Board to reopen this Permit (*see* Part 5.15 of this Permit), or to require a discharger to obtain an individual permit or use an alternative general permit (*see* Part 2.3 of this Permit). The issuance of a discharge permit authorization under this general Permit does not relieve Permittees of other duties and responsibilities under the Act or rules made under that Act. Significant terms used in this Permit are defined in Part 6 of this Permit.

This Permit shall become effective on July 1, 2008.

This Permit and the authorization to discharge shall expire at midnight, June 30, 2013, except as described in Part 2.4 of this Permit.

Signed this 26<sup>th</sup> day of June, 2008.



Walter L. Baker, P.E.  
Executive Secretary,  
Utah Water Quality Board

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## **PART 1: PERMIT SCOPE AND COVERAGE**

- 1.1 Persons required to obtain authorization for discharge. No person may conduct construction activities that disturb an area greater than or equal to one acre without authorization for storm water discharge from the Executive Secretary. (See Utah Admin. Code Sections R317-8-3.9(6)(d)(10) and R317-8-3.9(6)(e)(1).) In addition, no person may conduct construction activities that disturb an area smaller than one acre if the disturbance is part of a larger common plan of development or sale that will ultimately disturb an area greater than or equal to one acre. *Id.* See Part 6.5 of this Permit for a definition of “construction activities.”
- 1.2 Permit Area and Eligibility.
  - 1.2.1. Construction activities located within the State of Utah, except for Indian Country (see Part 6.16 of this Permit for a definition of “Indian Country”) may be eligible to be covered under this Permit.
  - 1.2.2. Eligibility for authorization to discharge under this Permit is conditioned upon:
    - a. Preparation of a Storm Water Pollution Prevention Plan (“SWPPP”) (see Part 3 of this permit) prior to submission of a Notice of Intent (“NOI”);
    - b. Submission of a complete and accurate Notice of Intent to be covered by this Permit (see Part 1.8 of this Permit); and
    - c. Payment of applicable fees.
- 1.3 Authorization to Discharge. This Permit authorizes discharges of storm water from construction activities that disturb an area greater than or equal to one acre, and from construction activities that disturb an area smaller than one acre if the disturbance is part of a larger common plan of development or sale that will ultimately disturb an area greater than or equal to one acre. This authorization is subject to all of the terms and conditions of this Permit, including the requirement that the discharger must submit a Notice of Intent (“NOI”), and the prohibitions on discharges specified in Part 1.6.
- 1.4 Allowable Storm Water Discharges. Subject to compliance with the terms and conditions of this Permit, a Permittee is authorized to discharge pollutants in:
  - 1.4.1. Storm water associated with construction activity as that term is defined in Part 6.5 of this Permit (but see Part 1.4.3 of this Permit for limitations on discharges from construction support activities);
  - 1.4.2. Storm water discharges designated by the Executive Secretary as needing a storm water permit under R317-8-3.9(6)(e)(2);
  - 1.4.3. Discharges from construction support activities as that term is defined in Part 6.6 of this Permit, provided:
    - a. The support activity is directly related to the construction site required to have UPDES permit coverage for discharges of storm water associated with construction activity;
    - b. The support activity is not a commercial operation serving multiple unrelated construction projects by different owners/operators, and does not operate beyond the completion of the construction activity at the last construction project it supports; and
    - c. Appropriate controls and measures are identified in a Storm Water Pollution

Prevention Plan (SWPPP) covering the discharges from the support activity areas; and

- 1.4.4. Discharges composed of allowable discharges listed in Part 1.4 and 1.5 of this Permit commingled with a discharge authorized by a different UPDES permit and/or a discharge that does not require UPDES permit authorization.
- 1.5. Allowable Non-storm Water Discharges. A Permittee is authorized to make the following non-storm water discharges, provided the non-storm water component of the discharge is in compliance with Part 3.5.5 of this Permit:
  - 1.5.1. Discharges from fire-fighting activities;
  - 1.5.2. Fire hydrant flushings;
  - 1.5.3. Waters used to wash vehicles where detergents are not used;
  - 1.5.4. Water used to control dust in accordance with Part 3.5.2(c)(2);
  - 1.5.5. Potable water including uncontaminated water line flushings;
  - 1.5.6. Routine external building wash down that does not use detergents;
  - 1.5.7. 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;
  - 1.5.8. Uncontaminated air conditioning or compressor condensate;
  - 1.5.9. Uncontaminated ground water or spring water;
  - 1.5.10. Foundation or footing drains where flows are not contaminated with process materials such as solvents;
  - 1.5.11. Landscape and other irrigation drainage.
- 1.6. Discharges not allowed under this Permit. Notwithstanding any other language in this Permit, the following storm water discharges are not authorized by this Permit:
  - 1.6.1. Discharges from Construction Activities within Indian Country. This Permit does not cover discharges within Indian Country as that term is defined in Part 6.16 of this Permit;<sup>1</sup>
  - 1.6.2. Post Construction Discharges. Storm water discharges that originate from the site after construction activities have been completed and the site has undergone final stabilization;
  - 1.6.3. Discharges Mixed with Non-storm Water. Discharges that are mixed with sources of non-storm water other than discharges which are identified in Part 1.5 of this Permit and in compliance with Part 3.5.5 (non-storm water discharges) of this Permit;
  - 1.6.4. Discharges Covered by Another Permit. Storm water discharges associated with construction activity for which an individual permit has been issued, or for which the owner/operator is required to or may obtain coverage under an individual permit or an alternative general permit (*see* Part 2.3 of this Permit), including a general

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<sup>1</sup> The State of Utah, *Division of Water Quality*, does not have permit authority for Indian Country. Storm water permits for Indian Country within the State must be acquired through EPA Region VIII, except for facilities on the Navajo Reservation or on the Goshute Reservation which must acquire storm water permits through EPA Region IX.

permit issued for areas regulated by a qualified municipal Separate Storm Sewer System Program;

- 1.6.5. Discharges Threatening Water Quality. Storm water discharges from construction activities that cause or have the reasonable potential to cause a violation of a water quality standard. *See* Part 2.2 of this Permit;
  - 1.6.6. Discharges from commercial construction support and related activities. Storm water discharges from construction support activities unless they are included within the definition in Part 6.6 of this permit;
  - 1.6.7. Spills. This Permit does not authorize the discharge of hazardous substances or oil resulting from an on-site spill; and
  - 1.6.8. Discharges that result from violations of this Permit.
- 1.7 Authorization to Discharge Date.
- 1.7.1. This permit is effective as of July 1, 2008 and is effective for five years, expiring at 11:59 p.m. on June 30, 2013.
  - 1.7.2. Unless notified by the Executive Secretary to the contrary, a discharger is authorized for coverage under this Permit and may begin construction activities immediately after preparing a SWPPP for the construction activities (*see* Part 1.2.2(a) of this Permit), and after submitting an NOI and permit fee (*see* Part 1.2.2(b) and (c) of this Permit). The date of submission of the NOI or a permit fee shall be the date of its receipt by the Executive Secretary, or the date the NOI or permit fee are submitted electronically using the website for the Utah Division of Water Quality. Any NOIs mailed to the Executive Secretary shall be mailed to the address specified in Part 5.11 of this Permit.
  - 1.7.3. The Executive Secretary may, with written notice (including electronic notice) delay authorization to verify an applicant's eligibility or resolve other concerns. In these instances, a discharger is not authorized for coverage under this permit until it receives notice from the Executive Secretary.
- 1.8 Notice of Intent
- 1.8.1. A person who wishes to submit an NOI must use the NOI form provided by the Executive Secretary (or a copy thereof), or submit an NOI electronically (<https://secure.utah.gov/stormwater/>)).
  - 1.8.2. All questions in an NOI form provided by the Executive Secretary or answered in the course of submitting an NOI electronically must be answered completely and accurately.
  - 1.8.3. The NOI, whether on the form provided by the Executive Secretary or submitted electronically, must include a certification statement, and must be signed and dated by an authorized representative as specified in Part 5.16 of this Permit.
- 1.9 Coverage before June 30, 2010. Permittee's that previously received authorization to discharge under the October 1, 2002 General Permit (2002 General Permit) and still have active coverage shall without submission of an NOI continue coverage under UTR200000 until June 30, 2010 at which time, or before if desired, the Permittee shall, by submission of an NOI (either on-line [www.waterquality.utah.gov/updes/stormwatercon.htm](http://www.waterquality.utah.gov/updes/stormwatercon.htm) or by paper submission) obtain coverage under this Permit (UTR300000).



- 1.10 Late Notifications. Persons are not prohibited from submitting NOIs after initiating clearing, grading, excavation activities, or other construction activities. When a late NOI is submitted, authorization for discharges occurs consistent with Subpart 2.1. The Agency reserves the right to take enforcement action for any un-permitted discharges that occur between the commencement of construction and discharge authorization.

**PART 2. SPECIAL CONDITIONS, MANAGEMENT PRACTICES,  
RESPONSIBILITIES, AND OTHER NON-NUMERIC LIMITATIONS**

- 2.1 Releases in excess of Reportable Quantities. The discharge of hazardous substances or oil in the storm water discharge(s) from a site shall be prevented or minimized in accordance with the applicable SWPPP for the site. This Permit does not relieve the Permittee of the reporting requirements of 40 CFR part 117, 40 CFR 110, and 40 CFR part 302. Where a release containing a hazardous substance in an amount equal to or in excess of a reportable quantity established under either 40 CFR 117, 40 CFR 110, or 40 CFR 302, occurs during a 24 hour period:
- 2.1.1. The Permittee is required to notify the National Response Center (NRC) (800-424-8802) in accordance with the requirements of 40 CFR 117, 40 CFR 110, and 40 CFR 302 and the Division of Water Quality (DWQ) (801-538-6146) or the 24 hour DWQ answering service at 801-536-4123 as soon as he or she has knowledge of the discharge;
  - 2.1.2. The Permittee shall submit within 14 calendar days of knowledge of the release a written description of: the release (including the type and estimate of the amount of material released), the date that such release occurred, the circumstances leading to the release, the measures taken and/or planned to be taken to cleanup the release, and steps to be taken to minimize the chance of future occurrences to the Executive Secretary; and
  - 2.1.3. The SWPPP required under Part 3 of this Permit must be modified within 14 calendar days of knowledge of the release to provide a description of the release, the circumstances leading to the release, and the date of the release. In addition, the SWPPP must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the SWPPP must be modified where appropriate.
- 2.2 Discharge Compliance with Water Quality Standards and TMDL requirements. Storm water discharges from construction activities that cause or have the reasonable potential to cause a violation of a water quality standard or a violation of Total Maximum Daily Load ("TMDL") requirements are not authorized by this Permit. If there is a TMDL requirement for the receiving water, that requirement, rather than a water quality standard, will govern. If a discharge that would otherwise be covered by this Permit causes a violation or if there is a reasonable potential a discharge will cause a violation, the Permittee will take all necessary actions to ensure future discharges do not cause or contribute to the violation of a water quality standard or a TMDL requirement, and shall document these actions in the SWPPP.

If the Executive Secretary determines that construction activities have caused or have the reasonable potential to cause a violation of a water quality standard or a TMDL requirement, the discharger will be notified by the Executive Secretary of additional requirements for treatment or handling of the discharge to ensure future discharges do not cause or contribute to the violation. The Permittee will document these requirements in the SWPPP. The Executive Secretary may authorize continued coverage under this Permit after appropriate controls and implementation procedures, designed to bring the discharges

into compliance with water quality standards or TMDL requirements, have been included in the SWPPP.

Alternatively, the Executive Secretary may notify the Permittee that an individual permit application is necessary (see Part 2.3 of this Permit).

If violations remain or re-occur, then coverage under this Permit may be terminated by the Executive Secretary and an alternative permit may be issued or denied. Compliance with this requirement does not preclude any enforcement activity as provided by the Water Quality Act for the underlying violation.

**2.3 Requiring an Individual Permit or an Alternative General Permit.**

- 2.3.1. The Executive Secretary may require any person authorized by this Permit to apply for and/or obtain either an individual UPDES permit or an alternative UPDES general permit. Any interested person may petition the Executive Secretary to take action under this paragraph. Where the Executive Secretary requires a discharger authorized to discharge under this Permit to apply for an individual UPDES permit, the Executive Secretary shall notify the discharger in writing that a permit application is required. This notification shall include a brief statement of the reasons for this decision, an application form or reference to the application requirements, a statement setting a deadline for the discharger to file the application, and a statement that on the effective date of issuance or denial of the individual UPDES permit or the alternative general permit as it applies to the individual Permittee, coverage under this general Permit shall automatically terminate. Applications shall be submitted to the address of the Division of Water Quality shown in Part 5.11 of this Permit. The Executive Secretary may grant additional time to submit the application upon request of the applicant. If a discharger fails to submit in a timely manner an individual UPDES permit application as required by the Executive Secretary under this paragraph, then the applicability of this Permit to the individual UPDES permittee is automatically terminated at the end of the day specified for application submittal.
- 2.3.2. Any discharger authorized by this Permit may request to be excluded from the coverage of this Permit by applying for an individual permit. In such cases, the discharger shall submit an individual application in accordance with the requirements of Utah Administrative Code ("UAC") R317-8-3.9(2)(b)2 with reasons supporting the request, to the Executive Secretary at the address for the Division of Water Quality in Part 5.11 of this Permit. The request may be granted by issuance of any individual permit or an alternative general permit if the reasons cited by the Permittee are adequate to support the request.
- 2.3.3. When an individual UPDES permit is issued to a discharger who would otherwise be subject to this Permit, or the discharger is authorized to discharge under an alternative UPDES general permit, the applicability of this Permit to the individual UPDES permittee is automatically terminated on the effective date of the individual permit or the date of authorization for coverage under the alternative general permit, whichever the case may be. When an individual UPDES permit is denied to a discharger otherwise subject to this Permit or the discharger is denied for coverage under an alternative UPDES general permit, the applicability of this Permit to the

individual UPDES permittee is automatically terminated on the date of such denial, unless otherwise specified by the Executive Secretary.

- 2.4 Continuation of the Expired General Permit. This Permit expires on June 30, 2013. However, an expired general permit shall continue in force and effect after the expiration date until a new general permit is issued. If a discharger was eligible for and permitted under this Permit, and this Permit expires, the discharger will remain covered by this Permit until the earliest of:
- 2.4.1. One hundred twenty days after re-issuance or replacement of this Permit;
  - 2.4.2. The discharger submits a Notice of Termination in compliance with this Permit;
  - 2.4.3. The discharger is issued an individual permit for the project's discharges; or
  - 2.4.4. 180 days after the Executive Secretary makes a formal decision not to reissue or replace this Permit, at which time the discharger must seek coverage under an alternative general permit or an individual permit.

### **PART 3. STORM WATER POLLUTION PREVENTION PLANS**

- 3.1. SWPPP required. A Storm Water Pollution Prevention Plan ("SWPPP") shall be developed for each construction project covered by this Permit prior to submission of an NOI. A SWPPP shall be prepared in accordance with good engineering practices. It is recommended that the plan be signed by a Professional Engineer (P.E.) registered in the State. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges from the construction site, shall describe and ensure the implementation of practices which will be used to reduce the pollutants in storm water discharges associated with construction activity at the construction site and to assure compliance with the terms and conditions of this Permit, and shall otherwise meet the requirements of this Permit. As a condition of this Permit, Permittees must implement the SWPPP as written or modified from commencement of construction until final stabilization is complete and an NOT has been submitted. (This provision is not intended to address the potential liability of a Permittee or other current or former operator or owner in the event of a discharge of pollution from the property of an individual homeowner.)
- 3.2. SWPPP Location, Availability, Revision, and Signature.
- 3.2.1. SWPPP Location. A copy of the SWPPP, including a copy of the Permit, the NOI, and any amendments to the SWPPP, shall be retained on-site at the site which generates the storm water discharge in accordance with this Part 3.2 and with Part 5.10 of this Permit. If the site is inactive or does not have an onsite location adequate to store the copy of the SWPPP, reasonable local access to a copy of the SWPPP during normal working hours (e.g., at a local library or government building), must be provided and the location of the SWPPP, along with a contact phone number, shall be posted on site at a publicly-accessible location. For linear construction projects, such as pipelines, the posted notice shall be located at a publicly accessible location near the active part of the construction project.
- 3.2.2. SWPPP Availability. The Permittee shall make the copy of the SWPPP that is kept on-site or kept locally available for review upon request to the Executive Secretary; EPA; other local agencies approving sediment and erosion plans, grading plans, or storm water management plans; local government officials; or to the operators of a municipal separate storm sewer receiving discharges from the site. The Permittee need not provide a free copy of the SWPPP to these entities upon request, but if it chooses not to do so, it shall keep two copies of the SWPPP, in its entirety, and shall allow these entities to borrow one to make a copy at their own expense.
- 3.2.3. Original SWPPP. If requested by the Executive Secretary, the original SWPPP, including any previous versions requested, shall be provided to the Executive Secretary within five working days of the request. The original provided shall be signed in accordance with Part 5.16 of this Permit.
- 3.2.4. SWPPP Availability to the Public. The Permittee shall also make a copy of the SWPPP available to the public to review at reasonable times during regular business hours. Advance notice by the public of the desire to view the SWPPP may be required, not to exceed two working days. The Permittee need not provide a free copy of the SWPPP to members of the public, but if it chooses not to do so, it shall

keep two copies of the SWPPP, in its entirety, and shall allow members of the public to borrow one to make a copy at their own expense.

- 3.2.5. Compelled Revisions. The Executive Secretary, or an authorized representative of the Executive Secretary, may notify the Permittee (co-Permittees) at any time that the SWPPP does not meet one or more of the minimum requirements of this Part 3. Such notification shall identify those provisions of the Permit which are not being met by the SWPPP, and identify which provisions of the SWPPP require modifications in order to meet the minimum requirements of this Part 3. Within 7 days of such notification from the Executive Secretary, (or as otherwise provided by the Executive Secretary), or authorized representative, the Permittee shall make the required changes to the SWPPP and shall submit to the Executive Secretary a written certification that the changes have been made. The Executive Secretary may take appropriate enforcement action for the period of time the Permittee was operating under a SWPPP that did not meet the minimum requirements of the Permit.
  - 3.2.6. All SWPPPs must be signed and certified in accordance with Part 5.16 of this Permit.
- 3.3. Keeping SWPPPs Current.
- 3.3.1. The Permittee shall amend the SWPPP whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the discharge of pollutants to the waters of the State and which has not otherwise been addressed in the SWPPP.
  - 3.3.2. The Permittee shall amend the SWPPP whenever inspections or investigations by site operators, local, state, or federal officials indicate the SWPPP is proving ineffective in eliminating or significantly minimizing pollutants from sources identified under Part 3.5.1 of this Permit, or is otherwise not achieving the general objectives of controlling pollutants in storm water discharges associated with construction activity.
  - 3.3.3. The Permittee shall amend the SWPPP whenever a new owner/operator becomes responsible for implementing all or part of the SWPPP, as further described in Part 3.4 and Part 4.3 of this Permit.
  - 3.3.4. The following records of activities shall be maintained as part of the SWPPP:
    - a. Dates when major grading activities occur;
    - b. Dates when construction activities temporarily or permanently cease on a portion of or all of the site; and
    - c. Dates when stabilization measures are initiated.
  - 3.3.5. Once an area has been finally stabilized, the Permittee may identify this area in the SWPPP and no further SWPPP or inspection requirements shall apply to that area.
- 3.4. More than one Permittee. A SWPPP may identify more than one Permittee and may specify the responsibilities of each Permittee by task, area, and/or timing. Permittees may coordinate and prepare more than one SWPPP to accomplish this. However, in the event there is a requirement under the SWPPP for which responsibility is ambiguous or is not included in the SWPPP(s), each Permittee shall be responsible for implementation of that requirement. Each Permittee is also responsible for assuring that its activities do not render another Permittee's controls ineffective.

3.5. Contents of SWPPP. The SWPPP shall include the following items:

3.5.1. Site Description. Each SWPPP shall provide a description of pollutant sources and other information as indicated:

- a. A description of the nature of the construction activity;
- b. A description of the intended sequence of major activities which disturb soils for major portions of the site (e.g. grubbing, excavation, grading, utilities, and infrastructure installation);
- c. Estimates of the total area of the site and the total area of the site that is expected to be disturbed by excavation, grading, or other activities, including areas for construction support;
- d. An estimate of the runoff coefficient of the site after construction activities are completed and existing data describing the soil or the quality of any discharge from the site;
- e. A general location map (e.g. portion of a city or county map or similar scale) and a site map indicating:
  - 1) drainage patterns and approximate slopes anticipated after major grading activities;
  - 2) construction boundaries and a description of existing vegetation prior to grading activities;
  - 3) areas of soil disturbance, and areas of no disturbance;
  - 4) the location of major structures and nonstructural controls identified in the SWPPP;
  - 5) Locations of areas used for construction support;
  - 6) the location of areas where stabilization practices are expected to occur;
  - 7) the location of surface waters (including wetlands); and
  - 8) locations where storm water is discharged or will discharge to a surface water;
- f. A description of any discharge associated with industrial activity other than construction at the site (including storm water discharges from dedicated portable asphalt plants and dedicated portable concrete plants), whether or not those discharges are covered by the Permit; and the location of that activity;
- g. The name of the receiving water(s), and aerial extent of wetland acreage at the site; and
- h. A copy of this Permit.

3.5.2. Controls. The SWPPP shall employ best management practices to control pollutants in storm water discharges. Each plan shall include a description of appropriate controls and measures that will be implemented during construction activity and while the site is unstabilized. The plan must clearly describe for each major activity identified in Part 3.5.1(b) appropriate control measures and the timing during the construction process that the measures will be implemented. The description and implementation of controls shall address the following minimum components:

- a. Erosion and Sediment Controls.
  - 1) Short and Long Term Goals and Criteria:
    - A) The construction-phase erosion and sediment controls should be designed to retain sediment on site to the maximum extent

- practicable.
- B) All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections or other information indicates a control has been used inappropriately, incorrectly, or is ineffective the Permittee must replace or modify the control for site situations.
  - C) If sediments escape the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize the possibility of offsite impacts such as fugitive sediments washing into storm sewers by the next rain or posing a safety hazard to users of public streets.
  - D) Sediment must be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%.
  - E) Litter, construction debris, and construction chemicals exposed to storm water shall be picked up prior to anticipated storm events (e.g. forecasted by local weather reports), or otherwise prevented from becoming a pollutant source for storm water discharges (e.g. screening outfalls, picked up daily, etc.).
  - F) Offsite material storage areas (also including overburden and stockpiles of dirt, etc.) used solely by the Permitted project are considered a part of the project and, unless a Permittee submits a separate NOI for such areas or they are subject to a separate UPDES permit, they shall be addressed in the SWPPP.
- 2) Stabilization Practices. A description of existing interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices. SWPPPs should ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized. Stabilization practices may include: temporary seeding, permanent seeding, mulching, geo-textiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Use of impervious surfaces for stabilization should be avoided. Except as provided in paragraphs (A) and (B) below (Parts 3.5.2(a)(2)(A) and (B)), 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.
- A) Where the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceases is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable.
  - B) Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 21 days, temporary stabilization measures do not have to be initiated on that portion of the site.
- 3) Structural Practices. The permittee shall provide a description of



structural practices that divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site to the degree attainable. Such practices may include silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. Placement of structural practices in floodplains should be avoided to the degree attainable. The installation of these devices may be subject to Section 404 of the federal Clean Water Act ("CWA").

- A) 10 Acre Sediment Basin Requirement. Where attainable, for common drainage locations that serve areas with 10 or more acres disturbed at one time, the Permittee shall provide a temporary (or permanent) sediment basin that provides storage for a 10 year, 24 hour storm event, a calculated volume of runoff for disturbed acres drained, or equivalent control measures, until final stabilization of the site. Where calculations are not performed, a sediment basin providing 3,600 cubic feet of storage per acre drained (a 1 inch storm event), or equivalent control measures, shall be provided where attainable until final stabilization of the site. The required sizing of the sediment basin does not include flows from offsite areas and flows from onsite areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. In determining whether installing a sediment basin is attainable, factors such as site soils, slope, and available area on site shall be considered. For drainage locations which serve 10 or more disturbed acres at one time and where a temporary sediment basin or equivalent controls is not attainable, smaller sediment basins and/or sediment traps (with comparable storage) must be used; or
- (i) at a minimum, equivalent controls in silt fences, vegetative buffer strips, sod, mulch, geo-textiles, stepped check dams, pipe slope drains or other sediment or erosion controls are required for all erodible areas, down slope boundaries of the construction area and side slope boundaries deemed appropriate as dictated by individual site conditions; or
  - (ii) it can be shown that site meteorological conditions do not warrant equivalent storage during the time period the 10-acres are destabilized (little or no chance of precipitation for the period of surface destabilization).
- B) Less Than 10 Acre BMP Requirement. For drainage locations serving less than 10 acres, sediment basins and/or sediment traps should be used. At a minimum, silt fences, vegetative buffer strips, or equivalent sediment controls are required for all down slope boundaries (and those side slope boundaries deemed appropriate as dictated by individual site conditions) of the construction area unless a sediment basin providing storage for

3,600 cubic feet of storage per acre drained is provided.

- b. Storm Water Management. Description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. Structural measures should be placed on upland soils to the degree attainable. The installation of these devices may be subject to Section 404 of the CWA. This Permit only addresses the installation of storm water management measures, and not the ultimate operation and maintenance of such structures after the construction activities have been completed and the site has undergone final stabilization. Permittees are only responsible for the installation and maintenance of storm water management measures prior to final stabilization of the site, and are not responsible for maintenance after storm water discharges associated with construction activity have been eliminated from the site. However, post-construction storm water BMPs that discharge pollutants from point sources once construction is completed, may in themselves, need authorization under a separate UPDES permit and are likely regulated under local municipal requirements.
- 1) Such measures may include:
    - A) storm water detention structures (including wet ponds);
    - B) storm water retention structures;
    - C) flow-attenuation by use of open vegetated swales and natural depressions;
    - D) infiltration of runoff onsite; and
    - E) sequential systems (which combine several practices).
  - 2) The SWPPP shall include an explanation of the technical basis used to select the practices to control pollution where flows exceed predevelopment levels.
  - 3) Storm water velocity dissipation devices shall be placed at discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive flow velocity from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected. The objective is to minimize significant changes in the hydrological regime of the receiving water.
- c. Other Controls.
- 1) Waste Disposal. No solid materials, including building materials, shall be discharged to waters of the State, except as authorized by a federal CWA Section 404 permits.
  - 2) Off-site Tracking. Off-site vehicle tracking of sediments and the generation of dust shall be minimized.
  - 3) Septic, Waste, and Sanitary Sewer Disposal. The SWPPP shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.
  - 4) Exposure to Construction Materials. The SWPPP shall include a narrative description of practices to reduce pollutants from construction related materials which are stored onsite including an inventory of construction materials (including waste materials), storage practices to minimize exposure of the materials to storm water, and spill prevention and

response.

- 5) Support Areas. A description of pollutant sources from areas other than construction (including storm water discharges from dedicated portable asphalt plants and dedicated portable concrete plants), and a description of controls and measures that will be implemented at those sites.
- d. Other Laws and Requirements.
  - 1) Local Storm Water Control Requirements. This Permit does not relieve the Permittee from compliance with other laws effecting erosion and sediment control or requirements for the permanent storm water system. Where applicable, compliance efforts to these requirements should be reflected in the SWPPP.
  - 2) Threatened or Endangered Species & Historic Properties. This Permit does not relieve the Permittee from compliance with Federal or State laws pertaining to threatened or endangered species or historic properties. Where applicable compliance efforts to these laws should be reflected in the SWPPP.
  - 3) Variance of Permit Requirements. Dischargers seeking alternative permit requirements shall submit an individual UPDES permit application in accordance with applicable law to the address indicated in Part 5.11 of this Permit, along with a description of why requirements in this Permit should not be applicable as a condition of a UPDES permit.

3.5.3. Maintenance. All vegetation, erosion and sediment control measures and other protective measures identified in the SWPPP shall be maintained in effective operating condition. A description of procedures to ensure the timely maintenance of these measures shall be identified in the SWPPP. Maintenance needs identified in inspections or by other means shall be accomplished before the next anticipated storm event, or as necessary to maintain the continued effectiveness of storm water controls. If maintenance prior to the next anticipated storm event is impracticable, maintenance must be scheduled and accomplished as soon as practicable.

3.5.4. Inspections.

- a. Inspections must be conducted in accordance with one of the two schedules listed below. The Permittee shall specify in its SWPPP which schedule it will be following.
  - 1) At least once every 7 calendar days; or
  - 2) At least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.
- b. Inspection frequency may be reduced to at least once every month if:
  - 1) The entire site is temporarily stabilized; or
  - 2) Runoff is unlikely due to winter conditions (e.g., site is covered with snow, ice, or the ground is frozen).
- c. The inspection requirement is waived until one month before thawing conditions are expected to result in a discharge if all of the following requirements are met:
  - 1) The project is located in an area where frozen conditions are anticipated to continue for extended periods of time (i.e., more than one month);

- 2) Land disturbance activities have been suspended; and
  - 3) The beginning and ending dates of the waiver period are documented in the SWPPP.
- d. Inspections must be conducted by qualified personnel (provided by the operator or cooperatively by multiple operators). "Qualified personnel" means a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity.
  - e. Inspections must include all areas of the site disturbed by construction activity and areas used for storage of materials that are exposed to precipitation. Inspectors must look for evidence of, or the potential for, pollutants entering the storm water conveyance system. Sedimentation and erosion control measures identified in the SWPPP must be observed to ensure proper operation. Discharge locations must be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to waters of the United States, where accessible. Where discharge locations are inaccessible, nearby downstream locations must be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site must be inspected for evidence of off-site sediment tracking.
  - f. Inspections at construction sites involving utility line installation, pipeline construction, and other long, narrow, linear construction may be more limited if the areas described in Part 3.5.4(e) of this Permit are not reasonably accessible or could cause additional disturbance of soils and increase the potential for erosion. In these circumstances, controls must be inspected at the same frequency as other construction projects, but personnel may instead inspect controls along the construction site for 0.25 mile above and below each access point where a roadway, undisturbed right-of-way, or other similar feature intersects the construction site and allows access to the areas described above. In the absence of evidence to the contrary, the conditions of the controls along each inspected 0.25 mile segment may be considered as representative of the condition of controls along that reach extending from the end of the 0.25 mile segment to either the end of the next 0.25 mile inspected segment, or to the end of the project, whichever occurs first.
  - g. For each inspection required above, the inspector must complete an inspection report. At a minimum, the inspection report must include:
    - 1) The inspection date;
    - 2) Names, titles, and qualifications of personnel making the inspection;
    - 3) Weather information for the period since the last inspection (or since commencement of construction activity if the first inspection) including a best estimate of the beginning of each storm event, duration of each storm event, approximate amount of rainfall for each storm event (in inches), and whether any discharges occurred;
    - 4) Weather information and a description of any discharges occurring at the time of the inspection;
    - 5) Location(s) of discharges of sediment or other pollutants from the site;

- 6) Location(s) of BMPs that need to be maintained;
  - 7) Location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location;
  - 8) Location(s) where additional BMPs are needed that did not exist at the time of inspection; and
  - 9) Corrective action required including any changes to the SWPPP necessary and implementation dates.
- h. A record of each inspection and of any actions taken in accordance with this Part 3 must be retained as part of the SWPPP for at least three years from the date that permit coverage expires or is terminated. The inspection reports must identify any incidents of non-compliance with the permit conditions. Where a report does not identify any incidents of non-compliance, the report must contain a certification that the construction project or site is in compliance with the SWPPP and this permit. The report must be signed in accordance with Part 5.16 of this Permit.

3.5.5. Non-Storm Water Discharges. Except for flows from fire fighting activities, sources of non-storm water listed in Part 1.5 of this Permit that are combined with storm water discharges associated with industrial activity must be identified in the SWPPP. The SWPPP shall identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge.

#### **PART 4 . TERMINATION/CHANGES IN OWNER/OPERATOR FOR SITE**

- 4.1. Termination of Coverage: Permittees may or shall (as specified) terminate coverage under this Permit under the following conditions:
  - 4.1.1. Completion of construction activities and site stabilization: Permittees shall terminate coverage under this Permit by submitting a Notice of Termination ("NOT") within thirty days after completion of all construction activities, completion of final stabilization of all areas of the site as defined in Part 6.15. The NOT shall be submitted on the form specified by the Executive Secretary.
  - 4.1.2. Partial completion of construction activities and site stabilization: A Permittee who, as specified in Part 3.4 of this Permit, is identified in the SWPPP as responsible for a specific area may terminate coverage under this Permit by submitting an NOT within thirty days after completion, for that area, of all construction activities, completion of final stabilization of all areas for which the Permittee was responsible and that were disturbed. The NOT shall be submitted on the form specified by the Executive Secretary, and the Permittee shall indicate on the form that it is a partial NOT.
  - 4.1.3. New responsible owner/operator: A Permittee may terminate its coverage under this Permit by submitting an NOT if another party (or parties) assumes responsibility for all remaining SWPPP requirements. Termination of the Permittee's responsibilities under the SWPPP will not be final until the other party (or parties) submits an NOI. If the new responsible owner/operator fails to submit an NOI, the Permittee may complete termination by demonstrating to the Executive Secretary that it has entered into contracts that obligate the new owner/operator to undertake all remaining responsibilities under the SWPPP.
- 4.2. Conditions for Submitting an NOT: A Permittee may not submit an NOT unless it meets the requirements specified in Part 4.1. Appropriate enforcement actions may be taken if an NOT is submitted without these requirements having been met, and the Permittee may also continue to be responsible for any Permit violations.
- 4.3. Updating the SWPPP: If an NOT is submitted under Part 4.1.2 or 4.1.3, the SWPPP shall be updated by the remaining Permittee(s) to meet the requirements of Part 3.4 of the Permit.

## **PART 5. STANDARD PERMIT CONDITIONS**

### **5.1. Duty to Comply.**

5.1.1. The Permittee must comply with all conditions of this Permit. Any Permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

#### **5.1.2. Penalties for Violations of Permit Conditions.**

- a. Violations. The Act provides that any person who violates the Act, Utah wastewater rules, or conditions of a permit issued under the Act is subject to a fine of \$10,000 per day.
- b. Willful or Gross Negligence. The Act provides that any person who discharges a pollutant to waters of the State as a result of criminal negligence or who intentionally discharges is criminally liable and is subject to imprisonment and a fine of up to \$50,000 per day. Utah Code Ann. § 19-5-115.
- c. False Statements. The Act provides that any person who knowingly makes any false material statement, representation, or certification in any application, record, report, plan, or other document filed or required to be maintained under the Act, the rules, or this Permit, or who knowingly falsifies, tampers with, or renders inaccurate, any monitoring device or method required to be maintained under the Act shall upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment for 6 months, or by both. Utah Code Ann. § 19-5-115(4).

5.2. Duty to Reapply. If a Permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, it must apply for and obtain a new permit except as provided in Part 2.4 of this Permit.

5.3. Need to halt or reduce activity not a defense. It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

5.4. Duty to Mitigate. The Permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this Permit which has a reasonable likelihood of adversely affecting human health or the environment.

5.5. Duty to Provide Information. The Permittee shall furnish to the Executive Secretary or an authorized representative, within a reasonable time, any information which is requested to determine compliance with this Permit. The Permittee must also furnish to the Executive Secretary or an authorized representative copies of records to be kept by this Permit.

5.6. Other Information. When the Permittee becomes aware that he or she failed to submit any relevant facts or submitted incorrect information in the Notice of Intent or in any other report to the Executive Secretary, he or she shall promptly submit such facts or information.

- 5.7. Oil and Hazardous Substance Liability. Nothing in this Permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties to which the Permittee is or may be subject under the "Act".
- 5.8. Property Rights. The issuance of this Permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.
- 5.9. Severability. The provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.
- 5.10. Record Retention.
- 5.10.1. The Permittee shall retain copies of SWPPPs and all reports required by this Permit, and records of all data used to complete the Notice of Intent to be covered by this Permit, for a period of at least three years from the date that the site is finally stabilized. This period may be extended by request of the Executive Secretary at any time.
- 5.10.2. After final stabilization of the construction site is complete, the SWPPP is no longer required to be maintained on site, but may be maintained by the Permittee(s) at its primary headquarters. Access to the SWPPP will continue as described in Part 3.2, however.
- 5.11. Addresses. All written correspondence under this permit shall be directed to the Division of Water Quality at the following address:
- Department of Environmental Quality  
Division of Water Quality  
288 North 1460 West  
PO Box 144870  
Salt Lake City, Utah 84114-4870
- 5.12. State Laws.
- 5.12.1. Nothing in this Permit shall be construed to preclude the institution of any legal action or relieve the Permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Utah Code Ann. § 19-5-117.
- 5.12.2. No condition of this Permit shall release the Permittee from any responsibility or requirements under other environmental statutes or regulations.
- 5.13. Proper Operation and Maintenance. The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions



of this Permit and with the requirements of SWPPPs. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by a Permittee only when necessary to achieve compliance with the conditions of the Permit.

5.14. Inspection and Entry. The Permittee shall allow, upon presentation of credentials, the Executive Secretary or an authorized representative:

- 5.14.1. To enter upon the Permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this Permit;
- 5.14.2. Have access to and copy at reasonable times, any records that must be kept under the conditions of this Permit;
- 5.14.3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- 5.14.4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by law, any substances or parameters at any location.

5.15. Reopener Clause.

- 5.15.1. Reopener Due to Water Quality Impacts. If there is evidence indicating that the storm water discharges authorized by this Permit cause, have the reasonable potential to cause or contribute to, a violation of a water quality standard, the discharger may be required to obtain an individual permit or an alternative general permit in accordance with Part 2.3 of this Permit or the Permit may be modified to include different limitations and/or requirements.
- 5.15.2. Reopener Guidelines. Permit modification or revocation will be conducted according to UAC R317-8-5.6 and UAC R317-8-6.2.
- 5.15.3. Permit Actions. This Permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Permit condition.

5.16. Signatory Requirements.

- 5.16.1. All Notices of Intent, SWPPPs, reports, certifications or information submitted to the Executive Secretary, or that this Permit requires be maintained by the Permittee, shall be signed as follows:
  - a. All Notices of Intent shall be signed as follows:
    - 1) For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second-quarter 1980 dollars) if authority to sign

- documents has been assigned or delegated to the manager in accordance with corporate procedures;
- 2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
  - 3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes (1) the chief executive officer of the agency, or (2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g. Regional Administrators of EPA).
- b. All reports required by the Permit and other information requested by the Executive Secretary or by an authorized representative of the Executive Secretary shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
- 1) The authorization is made in writing by a person described above and submitted to the Executive Secretary; and
  - 2) The authorization specifies either an individual or a position having responsibility for overall operation of the regulated site, facility or activity, such as the position of manager, operator, superintendent, or position of equivalent responsibility or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position).
- c. Certification. Any person signing documents under this Part 5.16 shall make the following 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 personnel properly 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 submitted 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.*

- 5.16.2. If a document is to be signed electronically, the Division's rules regarding electronic transactions govern.

## **PART 6. DEFINITIONS**

As used in this Permit:

- 6.1. "Act" means the "Utah Water Quality Act"
- 6.2. "Best Management Practices" ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the discharge of pollutants to waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
- 6.3. "Common plan of development or sale" means one plan for development or sale, separate parts of which are related by any announcement, piece of documentation (including a sign, public notice or hearing, sales pitch, advertisement, drawing, plat, blueprint, contract, permit application, zoning request, computer design, etc.), physical demarcation (including boundary signs, lot stakes, surveyor markings, etc.), or continuing obligation (including contracts) that identify the scope of the project. A plan may still be a common plan of development or sale even if it is taking place in separate stages or phases, is planned in combination with other construction activities, or is implemented by different owners or operators.
- 6.4. "Commencement of Construction" means the initial disturbance of soils associated with clearing, grading, or excavating activities or other construction activities.
- 6.5. "Construction activity" means soil disturbing activities such as clearing, grading, and excavating of land. The term also includes construction support activities.
- 6.6. "Construction support activities" means construction material and equipment storage and maintenance, concrete or asphalt batch plants, except as provided in Part 1.4.3 of this Permit.
- 6.7. "Control Measure" refers to any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to waters of the State.
- 6.8. "CWA" means Clean Water Act or the Federal Water Pollution Control Act.
- 6.9. "Dedicated portable asphalt plant" means a portable asphalt plant that is located on or contiguous to a construction site and that provides asphalt only to the construction site that the plant is located on or adjacent to.
- 6.10. "Dedicated portable concrete plant" means a portable concrete plant that is located on or contiguous to a construction site and that provides concrete only to the construction site that the plant is located on or adjacent to.
- 6.11. "Discharge," when used without qualification, means the discharge of a pollutant.

- 6.12. "EPA" means the United States Environmental Protection Agency.
- 6.13. "Eligible" means qualified for authorization to discharge storm water under this general permit.
- 6.14. "Executive Secretary" means Executive Secretary of the Utah Water Quality Board.
- 6.15. "Final Stabilization" means that all soil disturbing activities at the site have been completed, and that a uniform (e.g. evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geo-textiles) have been employed. In some parts of the country, background native vegetation will cover less than 100% of the ground (e.g. arid areas). Establishing at least 70% of the natural cover of native vegetation meets the vegetative cover criteria for final stabilization. For example, if the native vegetation covers 50% of the ground, 70% of 50% would require 35% total cover for final stabilization. For individual lots in residential construction, final stabilization means that either the homebuilder has completed final stabilization as specified above, or the homebuilder has established temporary stabilization including perimeter controls for an individual lot prior to occupation of the home by the homeowner and has obligated the homeowner, by contract, to complete the requirements for final stabilization within two years.
- 6.16. "Indian Country" is defined as in 40 CFR §122.2 to mean:
1. All land within the limits of any Indian reservation under the jurisdiction of the United States Government, notwithstanding the issuance of any patent, and, including rights-of-way running through the reservation;
  2. All dependent Indian communities within the borders of the United States whether within the originally or subsequently acquired territory thereof, and whether within or without the limits of a state; and
  3. All Indian allotments, the Indian titles to which have not been extinguished, including rights-of-ways running through the same.
- 6.17. "Municipal Separate Storm Sewer System" refers to all separate storm sewers that are owned or operated by the United States, a State, city, town, county, district, association, or other public body having jurisdiction over disposal of sewage, industrial wastes, storm water, or other wastes, including special districts under State law such as a sewer districts, flood control districts or drainage districts, or similar entity that discharges to waters of the State.
- 6.18. "NOI" means notice of intent to be covered by this Permit.
- 6.19. "NOT" means notice of termination.
- 6.20. "Point Source" means any discernible, confined, and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system,

vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture or agricultural storm water runoff.

- 6.21. "Runoff coefficient" means the fraction of total rainfall that will appear at conveyance as runoff.
- 6.22. "Site" means the land or water area where any "facility or activity" is physically located or conducted, including adjacent land used in connection with the facility or activity.
- 6.23. "Storm water" means storm water runoff, snow melt runoff, and surface runoff and drainage.
- 6.24. "Storm water discharge associated with industrial activity" is defined in the Utah Administrative Code (UAC) R317-8-3.9(6)(c) & (d) and incorporated here by reference. Most relevant to this Permit is UAC R317-8-3.9(6)(d)10, which relates to construction activity including clearing, grading and excavation activities.
- 6.25. SWPPP means Storm Water Pollution Prevention Plan, referring to the plan required in Part 3 of this Permit.
- 6.26. "Total Maximum Daily Load" or "TMDL" means the sum of the individual wasteload allocations (WLAs) for point sources and load allocations (LAs) for nonpoint sources and natural background. If a receiving water has only one point source discharger, the TMDL is the sum of that point source WLA plus the LAs for any nonpoint sources of pollution and natural background sources, tributaries, or adjacent segments. TMDLs can be expressed in terms of either mass per time, toxicity, or other appropriate measure.
- 6.27. Waters of the State means all streams, lakes, ponds, marshes, water-courses, waterways, wells, springs, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private, which are contained within, flow through, or border upon this state or any portion thereof, except that bodies of water confined to and retained within the limits of private property, and which do not develop into or constitute a nuisance, or a public health hazard, or a menace to fish and wildlife, shall not be considered to be waters of the state (UAC R317-1-1.31).

# APPENDIX D

**NOI****Concentrated Animal Feeding Operation (CAFO), Notice of Intent to be Covered Under the Utah Pollutant Discharge Elimination System Permit, UPDES General Permit No. UTG080000**

Submission of this Notice of Intent with a completed Certification B constitutes notice that the party(ies) identified in Section I of this form intend to be authorized by a UPDES permit for waste water discharges associated with a Concentrated Animal Feeding Operation. Becoming a permittee obligates such discharger to comply with the terms and conditions

**I. Contact Information**

Operator Name: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: ( ) \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_ -

Owner Name (If different from Operator): \_\_\_\_\_ Phone: ( ) \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: ( ) \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_ -

Status of Owner/Operator **G** F = Federal; S = State; M = Public (other than Federal or State) P = Private

**II. Facility Information**

Name: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_  
Address: \_\_\_\_\_ Fax: ( ) \_\_\_\_\_  
County: \_\_\_\_\_ Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

UPDES Permit Number (if applicable): \_\_\_\_\_

**III. Description of Operation****Number of Animals Managed**

Give the maximum number of each type of animal in open confinement or housed under roof (either partially or totally) which are held at this facility for a total of 45 days or more in any 12 month period. Attach additional sheets if necessary.

Animal Type	Number of Animals	Animal Type	Number of Animals
_____	_____	_____	_____
_____	_____	_____	_____

Does this facility include a retention structure(s) designed to store process waste water and runoff flow from a 25-year, 24 hour storm event? **G** No **G** Yes # of structures \_\_\_\_\_

Area Available for Land Application \_\_\_\_\_ acres

**Certifications****Certification A**

I understand that the permit requires the preparation of a Comprehensive Nutrient Management Plan (CNMP) for the facility described in this NOI. I agree to prepare and implement a CNMP in accordance with the requirements and timelines specified in the permit.

Signature \_\_\_\_\_

Date \_\_\_\_\_

Print Name \_\_\_\_\_

## Certification B

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 personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering information, the information submitted 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.

Signature

Date

Print Name

## INSTRUCTIONS

### Concentrated Animal Feeding Operation (CAFO) Notice of Intent (NOI) to be Covered Under the Utah Pollutant Discharge Elimination System (UPDES) Permit

#### Who Must Fill Out a Notice of Intent (NOI) Form

State Law at UAC R317-8-3.5 prohibits point source discharges from concentrated animal feeding operations (CAFOs) to any water body(ies) of the State without a Utah Pollutant Discharge Elimination System (NPDES) permit. Operators of a CAFO must obtain and submit a NOI form to be covered under the UPDES CAFO General Permit. To obtain additional information regarding the UPDES CAFO permit, or to determine whether you require a permit, contact the CAFO coordinator at (801) 538-6146.

#### Where To File the NOI Form

NOIs with payments must be sent to the following address:

Department of Environmental Quality  
Division of Water Quality  
P.O. Box 144870  
Salt Lake City, UT 84114-4870

#### Permit Fees (Make check payable to: Division of Water Quality)

The permit fee is \$500.00 for five (5) years of coverage and is to be submitted with the NOI.

Permittees who have a new facility and have begun operating after July 1, 2000 will be prorated from the day they began operations until the expiration date of the CAFO permit.

#### Completing the Form

NOI forms must be completed in type or print in the appropriate marked areas. If you have any questions about filling out this form, contact the CAFO coordinator at (801) 538-6146.

#### Section I. Contact Information

Provide the legal name of the person, firm, organization, or any other entity which controls the operation of the facility in question. You must also provide the name of the facility owner, if different from that of the operator. Do not use a colloquial name. Enter the complete address and telephone number of the operator and owner. Enter the appropriate letter to indicate the legal status of the operator of the facility. If the owner or operator of the facility is a contract grower, please answer the questions regarding the nature of this contract and the legal name of the entity with whom the contract is held.

#### Section II. Facility Information

Provide the complete address for the facility, including street address, city, state, and ZIP code. Do not provide a P.O. Box number as the street address. Provide the phone and fax numbers for the facility. Indicate the county and the latitude and longitude to the nearest 15 seconds, or the quarter, section, township, and range (to the nearest quarter section) of the approximate center of the site.

#### Section III. Description of Operation

Provide information regarding the number of each type of animal managed in open confinement and/or housed under roof (partially or totally) for 45 days or more within a 12 month period. An additional sheet may be attached if the information does not fit in the provided space.

Enter a check in the appropriate box regarding the facility's use of a waste water and runoff flow retention structure.

#### Certifications

State statutes provide severe penalties for submitting false information on this NOI application form. State regulations require that this form be signed as follows:

*For a corporation:* by responsible corporate officer, which means: (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions;

*For a partnership or sole proprietorship:* by a general partner or the proprietor.

CAFO owners/operators who intend to obtain coverage under the CAFO UPDES permit should complete Certifications A and B.



# APPENDIX E

# Contractor To Supply Inspection Form

# APPENDIX F

## Appendix F – Corrective Action Log

**Project Name: The Retreat**

**SWPPP Contact:** Marriott Construction – Robert Defries (801.430.2255)

[illegible]

# APPENDIX G

## Appendix G – SWPPP Amendment Log

### Project Name: The Retreat

**SWPPP Contact:** Marriott Construction – Robert Defries (801.430.2255)

[illegible]

# APPENDIX H

# Appendix H – Subcontractor Certifications/Agreements

## SUBCONTRACTOR CERTIFICATION STORMWATER POLLUTION PREVENTION PLAN

Project Number: \_\_\_\_\_

Project Title: \_\_\_\_\_

Operator(s): \_\_\_\_\_

As a subcontractor, you are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the office trailer.

Each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement:

**I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.**

This certification is hereby signed in reference to the above named project:

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Type of construction service to be provided: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



# APPENDIX I

## Appendix I – Grading and Stabilization Activities Log

### Project Name: The Retreat

**SWPPP Contact:** Marriott Construction – Robert Defries (801.430.2255)

[illegible]

# APPENDIX J

# Appendix J – SWPPP Training Log

## Stormwater Pollution Prevention Training Log

Project Name: \_\_\_\_\_

Project Location: \_\_\_\_\_

Instructor's Name(s): \_\_\_\_\_

Instructor's Title(s): \_\_\_\_\_

Course Location: \_\_\_\_\_ Date: \_\_\_\_\_

Course Length (hours): \_\_\_\_\_

Stormwater Training Topic: *(check as appropriate)*

- ☐ Erosion Control BMPs      ☐ Emergency Procedures
- ☐ Sediment Control BMPs      ☐ Good Housekeeping BMPs
- ☐ Non-Stormwater BMPs

Specific Training Objective: \_\_\_\_\_

Attendee Roster: *(attach additional pages as necessary)*

No.	Name of Attendee	Company
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

# APPENDIX K

# Appendix K – Delegation of Authority Form

## Delegation of Authority

I, \_\_\_\_\_ (name), hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the Construction General Permit, at the \_\_\_\_\_ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(name of person or position)  
(company)  
(address)  
(city, state, zip)  
(phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in \_\_\_\_\_ (Reference State Permit), and that the designee above meets the definition of a “duly authorized representative” as set forth in \_\_\_\_\_ (Reference State Permit).

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 personnel properly 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 submitted 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.

**Name:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

# APPENDIX L

## EXECUTIVE SUMMARY

The Pineview Reservoir watershed forms part of the larger Lower Weber River basin in northern Utah. The watershed is entirely located within Weber County, Utah, and is surrounded by the northernmost section of the Wasatch-Cache National Forest. Created in 1937, Pineview Reservoir is an impoundment of the Ogden River at the top of Ogden Canyon. The Ogden River flows through the Wasatch Front, and the Pineview Dam impounds the reservoir in Ogden Valley. Pineview Reservoir is a multipurpose reservoir that provides storage for irrigation water (distributed to farms and residential areas) and culinary water delivered to residents in Weber and Box Elder Counties. The reservoir also provides flood control protection and hydroelectric power generation, and it is well known for its recreational facilities.

The water quality of Pineview Reservoir is generally regarded as good. However, conditions in the late summer months indicate that water quality impairments do exist. Accordingly, the reservoir is listed on Utah's 2000 section 303(d) list for dissolved oxygen (DO), temperature, and total phosphorus (TP). The beneficial use listed as impaired is 3A (cold water aquatic life). Other beneficial uses include culinary water (1C), recreational bathing (2A), boating and similar recreation (2B), and agricultural uses (4). The Clean Water Act and the United States Environmental Protection Agency's (USEPA's) regulations require that Total Maximum Daily Loads (TMDLs) be developed for waters appearing on section 303(d) lists of impaired waters.

The water quality impairments in Pineview Reservoir are believed to be a combination of several factors. First, the watershed is a managed system with water entirely diverted from the tributaries during the irrigation season (April 15 to October 15). This results in groundwater recharge enriched with nutrients being the primary source of water during the summer months. Furthermore, the release of water from Pineview Reservoir for irrigation purposes during the irrigation season has a major effect on water quality. Perhaps most significantly it causes premature breakup of thermal stratification and overturn in August. This occurs earlier than would be expected without the release of water for irrigation and the early mixing results in an increase of nutrients to the photic zone causing an algal bloom, usually in mid-to late-August. Finally, increased development within the valley is believed to be leading to increased nutrient loads from onsite wastewater treatment systems and animal wastes associated with cattle, horses, and sheep.

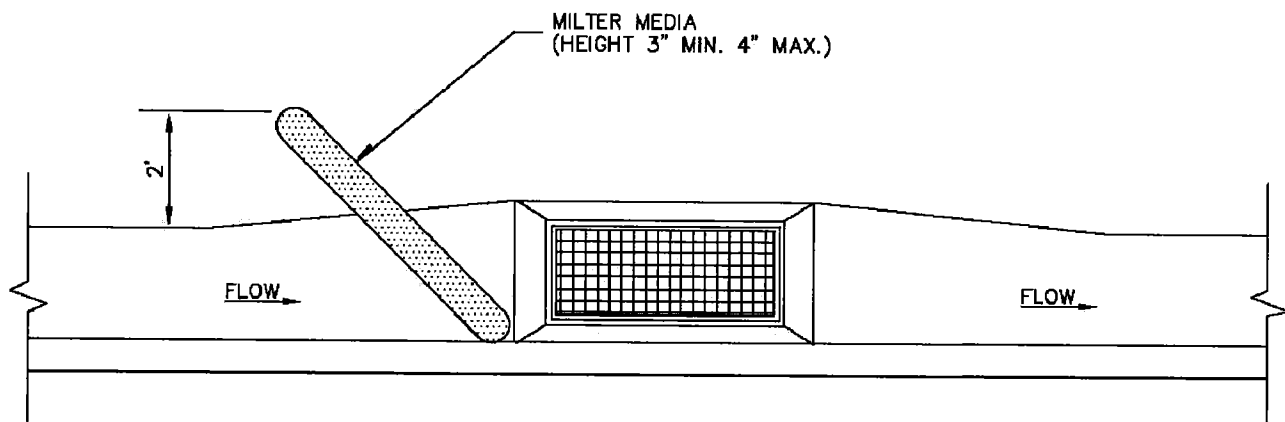
Because the Utah Department of Environmental Quality (Utah DEQ) has no rules with which to address the impacts of irrigation diversions or management of the reservoir, these potential implementation options have not been explored in any great detail. Instead, this TMDL focuses on the potential benefits of reducing nutrient loads to the reservoir by better treating human and animal wastes, reducing tributary loads, and using more efficient irrigation practices.

This report describes the approach that was taken to estimate current nutrient loads and simulation of reservoir water quality, and identifies necessary load reductions within the context of a TMDL. An initial summary of implementation options is also presented.

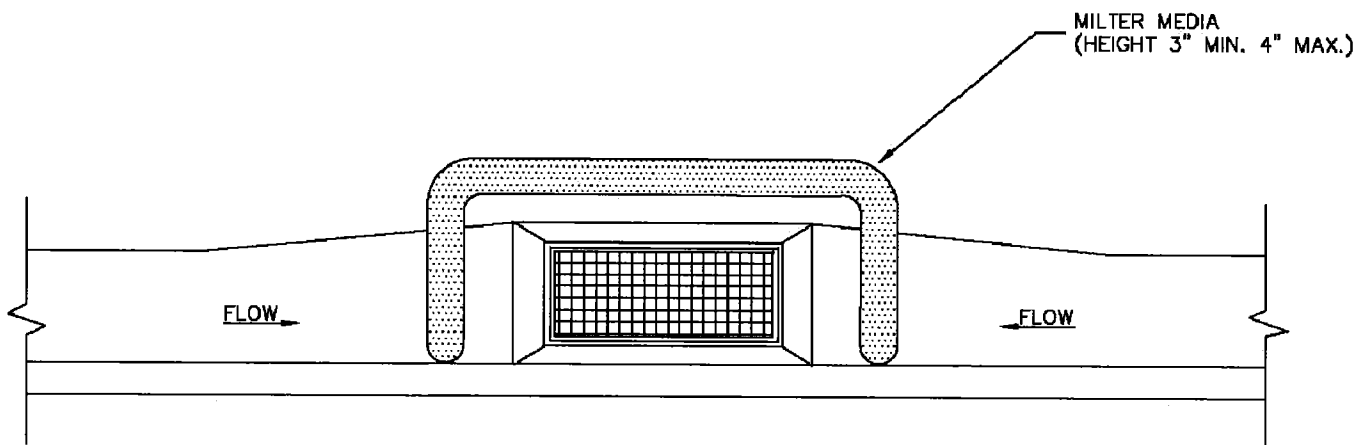


Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Birds	Yellow-billed Cuckoo (Coccyzus)	Western U.S. DPS	Candidate	Sacramento Fish And Wildlife		
Birds	Greater sage-grouse	entire	Candidate	Wyoming Ecological Services		
Fishes	Least chub (Ictichthys)		Candidate	Utah Ecological Services Field		
Fishes	June sucker (Chasmistes liorus)	Entire	Endangered	Utah Ecological Services Field	June Sucker	Final
Mammals	Gray wolf (Canis lupus)	Northern Rocky Mountain DPS	Recovery	Office Of The Regional Director		
Mammals	Canada Lynx (Lynx canadensis)	(Contiguous U.S. DPS)	Threatened	Montana Ecological Services	Recovery Outline for the	Outline
Mammals	North American wolverine (Gulo)		Proposed Threatened	Montana Ecological Services		

# APPENDIX M

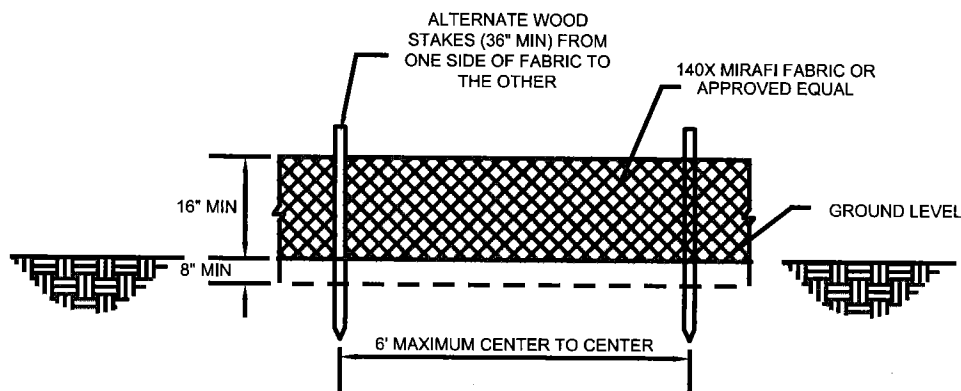


**ON-GRADE INLET PROTECTION DETAIL**

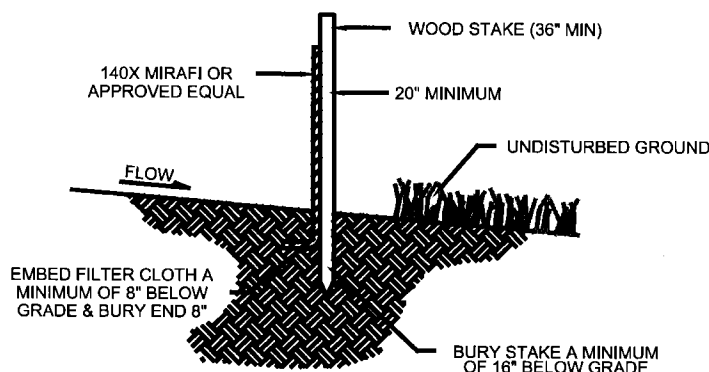


**DROP INLET PROTECTION DETAIL**

***Inlet protection - gravel sock***



**FRONT VIEW**



**SIDE VIEW**

**NOTE:**

WHERE JOINTS ARE REQUIRED OR WHERE ENDS OF FILTER FABRIC ARE REQUIRED, THEY SHALL BE SPLICED TOGETHER W/6" MINIMUM OVERLAP FOLDED TWICE STAPLED TO A SUPPORT POST & THE JOINT SECURELY SEALED.

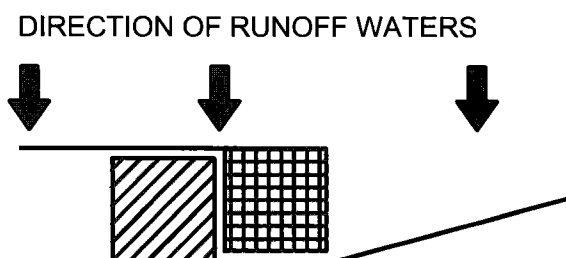
**INSTALLATION:**

1. Where possible, layout the silt fence 5 to 10 feet beyond the toe of slope.
2. Align the fence along the contour as close as possible.
3. When excavating the trench, use machinery that will produce no more than the desired dimension.
4. Place posts 6 foot on center along countour (or use preassembled unit) and drive 2 feet (min.) into ground. Excavate an anchor trench (8 inches wide and 8 inches deep) immediately up gradient of posts.
5. Cut fabric to required width, unroll along length of barrier. Secure fabric to, stakes with staples, or similar, with trailing edge extending into anchor trench.
6. Backfill trench over filter fabric to anchor.

**MAINTENANCE:**

1. Inspect immediately after any rainfall and at least daily during prolonged rainfall.
2. Look for runoff bypassing ends of barriers or undercutting fence (repair immediately).
3. Repair or replace damaged areas of the fence and remove accumulated sediment.
4. Re-anchor fence as necessary to prevent shortcutting.
5. Remove accumulated sediment when it reaches  $\frac{1}{2}$  the height of the fence.

**TWO SILT FENCE  
TYPICAL DESIGN LAYOUT**



PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.

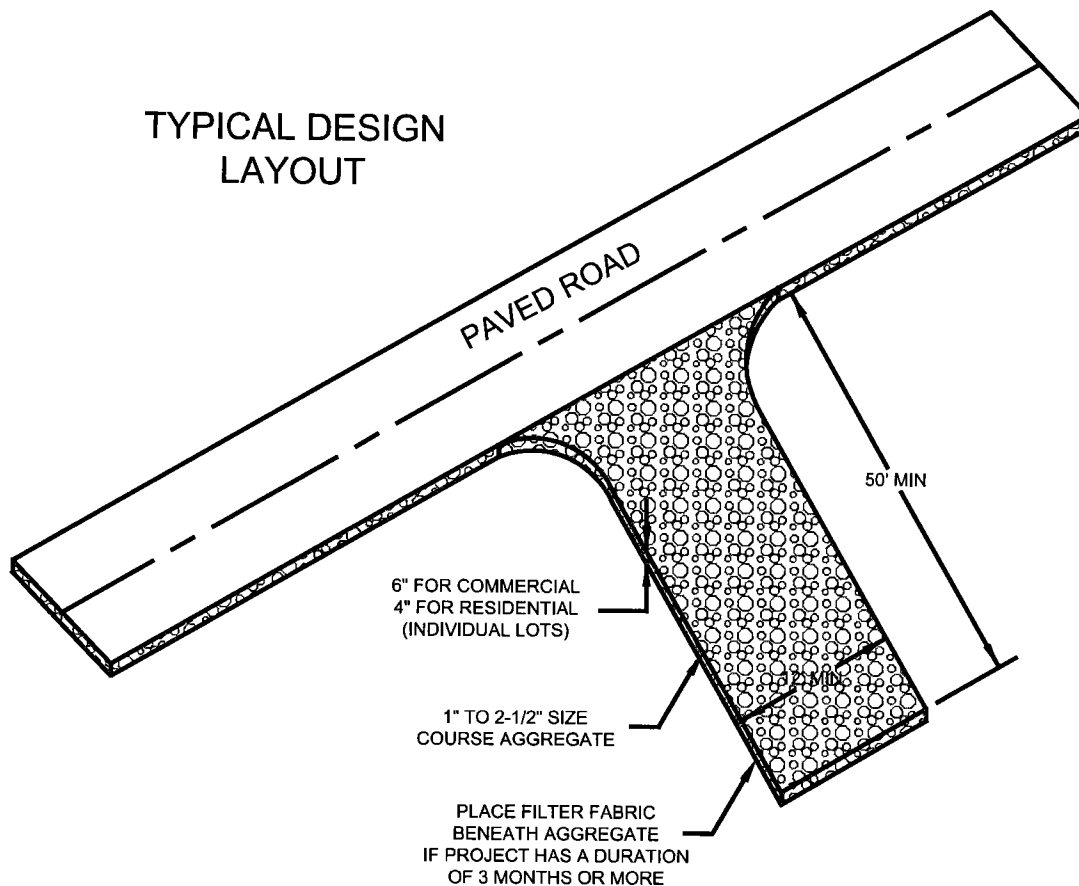
ROTATE BOTH POSTS AT LEAST 180 DEGREES IN THE CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.

DRIVE BOTH POSTS ABOUT 24 INCHES INTO THE GROUND AND BURY FLAP.

**SILT FENCE INSTALLATION  
& ATTACHING TWO SILT FENCES DETAIL**

The diagram illustrates a cross-section of a rip-rap filter layer designed to prevent sediment from entering a culvert. The filter layer is composed of two distinct layers of rip-rap. The upper layer is labeled "RIP-RAP THICKNESS = 1.5XD", where XD represents the diameter of the stones. The lower layer is labeled "5XD", indicating its thickness is five times the stone diameter. A dashed line represents the "FILTER FABRIC" located beneath the lower layer of rip-rap. The culvert structure is labeled "SD CULVERT". Arrows indicate the flow of water from the left towards the culvert inlet, which is situated at the right end of the filter assembly.

## RIP-RAP CULVERT PROTECTION



#### INSTALLATION:

1. Install at any point of ingress or egress at a construction site where adjacent traveled way is paved.
2. Clear and grub area and grade to provide slopes shown for driveway, or access/intersection. If adjacent to waterway, use a maximum slope of 2%.
3. Compact subgrade and place filter fabric if required.
4. Place coarse aggregate, 1 to 2  $\frac{1}{2}$  inches size, to a minimum depth of 6 inches for commercial projects, and 4 inches for residential projects.

#### MAINTENANCE:

1. Inspect daily for loss of gravel or sediment buildup.
2. Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
3. Repair entrance and replace gravel as required to maintain control in good working condition.
4. Expand stabilized area as required to accommodate traffic, and off site street parking and prevent erosion at driveway.

The rock face should slope at a  $\frac{1}{2}$ :1 (horizontal to vertical) grade or flatter for tiers less than 6 feet high and a 1:1 grade for tiers 6 to 10 feet in height. No tier should be more than 10 feet in height.

Ground Surface should slope downward 2 percent or less for a distance at least equal to the height of the highest tier.

Rocks above second row diameter not less than 24 inches

Second row rock diameter not less than 36 inches if three or more rows and not less than 24 inches if only two rows of rock.

Gravel surfaced trail may be placed on terraces. Maintain slope on surface of terraces at minimum 2%.

Ground Surface should slope away from rock face at a grade of 2% or less for a distance at least equal to the height of the slope.

The bench between tiers should be at least as wide as the height of the tier below it.

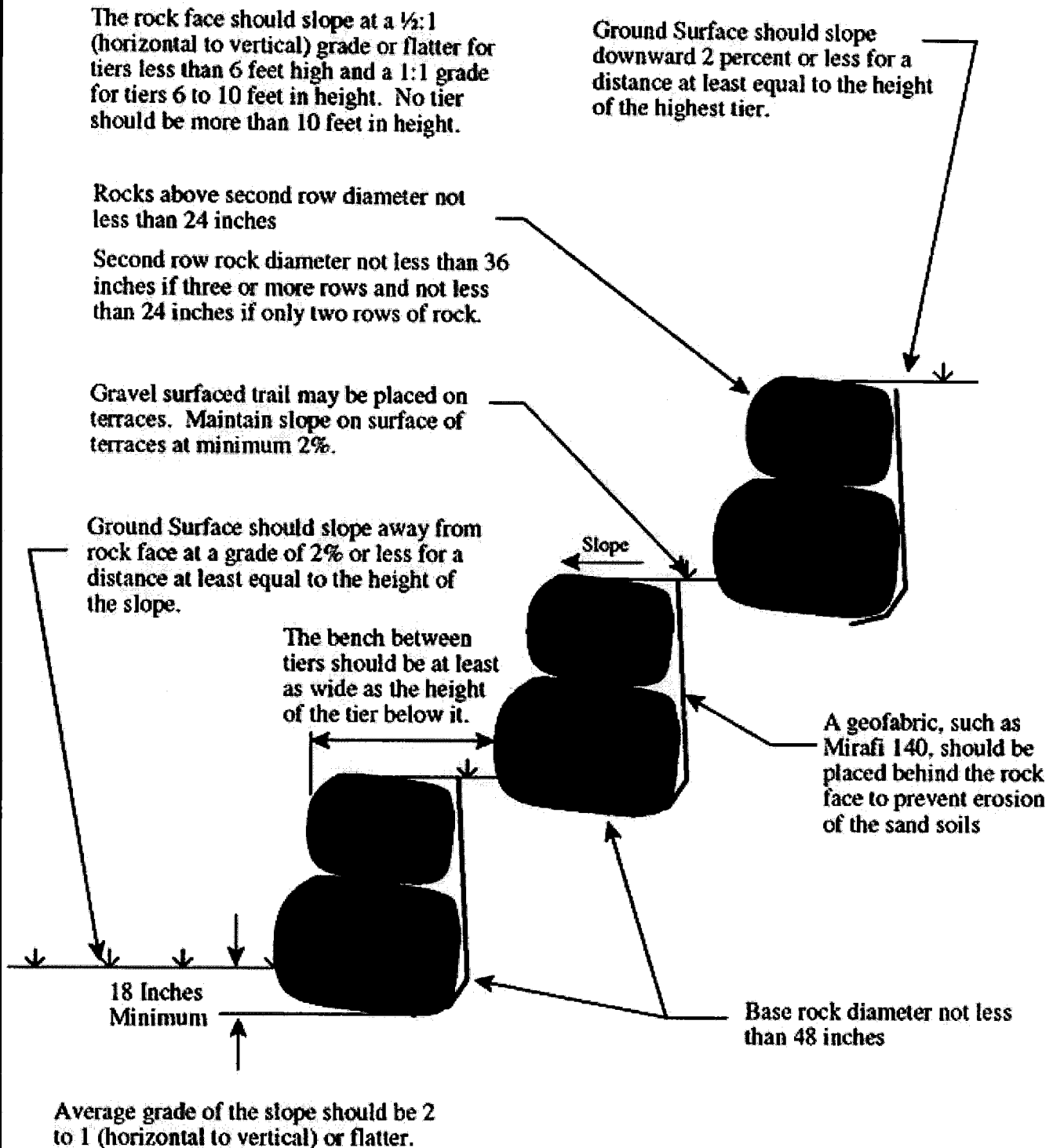
A geofabric, such as Mirafi 140, should be placed behind the rock face to prevent erosion of the sand soils

18 Inches  
Minimum

Base rock diameter not less than 48 inches

Average grade of the slope should be 2 to 1 (horizontal to vertical) or flatter.

### **ROCK RETAINED SLOPE DETAIL**



# Weber County Stormwater Construction Activity Permit

Application submittals will be accepted by appointment only. (801) 399-8374. 2380 Washington Blvd. Suite 240, Ogden, UT 84401

Date Submitted	Fees (Office Use)	Receipt Number (Office Use)	Priority Site (Office Use) <input type="radio"/> Yes <input type="radio"/> No	Permit Number (Office Use)
<b>Property Owner/Authorized Representative Contact Information</b>			<b>Project Information</b>	
Name of Property Owner(s)/Authorized Representative(s)			Project Name	
Phone	Fax	Project Address		
Email Address				
Mailing Address of Property Owner(s)/Authorized Representative(s)				
			Estimated Project Length (mo)	Previous Permit No. (if applicable)
			Estimated Start Date	Actual Start Date

## Submittal Checklist

- ☐ The application shall include a Storm Water Pollution Prevention Plan which meets the criteria set forth in Section 33-3-4 of the county ordinances.

The applicant shall file the application on or before the following dates:

**Subdivision:** The date that the applicant submits the preliminary subdivision development plat application.

**Site Plan:** The date that the applicant submits a site plan application or amended site plan.

**Building Permit:** The date that the applicant submits a building permit application if the applicant proposes to construct a building on an existing lot or parcel.

**Land Use Permit:** The date that the applicant submits a land use permit application.

**Other:** At least two (2) weeks before the developer intends to perform any type of work not listed above that would require a Storm Water Construction Activity Permit pursuant to this Chapter.

Failure to acquire a required Storm Water Construction Activity Permit is grounds for tabling a related subdivision application, site plan application, conditional use permit application, or building permit application. It is unlawful to commence work (move dirt) on a development site before obtaining a required Storm Water Construction Activity Permit.

Note: A pre-construction meeting is required before performing any on-site earth work, unless waived by the county engineer.

## Applicant Narrative

Please explain your request.

## Authorization

By signing below the Owner / Representative authorizes the county to enter the property to perform inspections.

Owner or Authorized Representative Signature	Date
Signature of Approval	Date