

Common Plan of Development Storm Water Pollution Prevention Plan

for:

6 Frandsen Farm
3081 W 4475 S
Roy, UT

Operator(s):

Stone Peak Construction
Kirt Merrill
2338 Oakridge Dr
Layton, UT 84025

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SECTION 1: SITE EVALUATION, ASSESSMENT, AND PLANNING

1.1 Project Information

Project Name:	6 Frandsen Farm				
Address:	3081 W 4475 S				
City:	Roy	State:	UT	Zip Code:	84067
Latitude:	40.996388				
Longitude:	-111.893808				
UPDES permit tracking number:					

1.2 Contact Information/Responsible Parties

Operator(s):

Owner:	Stone peak Construction	
Contact Person:	Kirt Merrill	
Address:	2338 Oakridge Dr.	
City, State, Zip Code:	Layton, UT 84040	
Telephone Number:	801-390-6239	
Email Address:	kirt@stonepeakconstruction.com	

Repeat as needed

General Contractor:	Stone Peak Construction
Contact Person:	Kirt Merrill
Address:	2338 Oakridge Dr
City, State, Zip Code:	Layton, UT 84040
Telephone Number:	801-390-6239
Email Address:	kirt@stonepeakconstruction.com

Project Manager:

Company Name:	Stone Peak Construction
Contact Person:	Kirt Merrill
Address:	2338 Oakridge Dr
City, State, Zip Code:	Layton, UT 84040
Telephone Number:	801-390-6239
Email Address:	kirt@stonepeakconstruction.com

SWPPP Contact:

Company Name:	Stone Peak Construction
Contact Person:	Kirt Merrill
Address:	2338 Oakridge Dr
City, State, Zip Code:	Layton, UT 84040
Telephone Number:	801-390-6239

Email Address:	kirt@stonepeakconstruction.com
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This SWPPP was prepared by:

Company Name:	Stone Peak Construction
Contact Person:	Kirt Merrill
Address:	2338 Oakridge Dr
City, State, Zip Code:	Layton, UT 84040
Telephone Number:	801-390-6239
Email Address:	kirt@stonepeakconstruction.com

Emergency 24-Hour Contact:

Company Name:	Stone Peak Construction
Contact Person:	Kirt Merrill
Address:	2338 Oakridge Dr
City, State, Zip Code:	Layton, UT 84040
Telephone Number:	801-390-6239
Email Address:	kirt@stonepeakconstruction.com

1.3 Nature and Sequence of Construction Activity

Describe the general scope of the work for the project, major phases of construction, etc: Modify the text below to describe your situation

Builder is building single family home on owner lot.

- Excavation
- Footing – Framing
- Exteriors
- Interior finishes
- Final grading

What is the function of the construction activity?

- Residential Commercial Industrial

Estimated Project Start Date: 09/15/2021

Estimated Project Completion Date: 4/1/2021

1.4 Soils, Slopes, Vegetation, and Current Drainage Patterns

Describe the existing soil conditions at the construction site including soil types, slopes and drainage patterns.

- Soil Type(s): sandy
- Slopes: flat
- Drainage Patterns: slope to side
- Vegetation: weeds and grass

1.5 Construction Site Estimates

Common Plan of Development Total Project Area:	.18
Construction site area to be disturbed:	.15
Percentage impervious area before construction:	0.00
Percentage impervious area after construction:	.15
Runoff coefficient before and after construction:	1.06 .0703

1.6 Receiving Waters *Each municipality can modify this section (e.g. Springville City)*

Receiving Waters:

Select one of the tributaries Great Salt Lake.

Great Salt Lake xx

xx

Other: (e.g. on site retention, class V injection well, etc.)

Description of storm sewer systems: *Roy City Sewer*

Description of impaired waters or waters subject to TMDLs:

1.7 Site Features and Sensitive Areas to be Protected

None. This is a developed lot with not unique or special features or sensitive areas.

1.8 Potential Sources of Pollution

Check with an X the activities that apply to your project

Activities	Check with an X the activities that apply	Sediment	Nutrients	Heavy Metals	pH (acids and bases)	Pesticides & Herbicides	Oil & Grease	Bacteria & Viruses	Trash, Debris, Solids	Other toxic Chemicals
Clearing, grading, excavating, and un-stabilized areas	X	✓							✓	
Paving operations		✓					✓		✓	
Concrete washout, stucco and cement waste	X			✓	✓				✓	
Structure construction, painting, cleaning	X			✓	✓				✓	✓
Demolition and debris disposal	X	✓							✓	
Dewatering operations		✓	✓						✓	
Material Delivery and storage	X	✓	✓	✓	✓		✓		✓	✓
Material use during building process	X		✓	✓	✓		✓		✓	✓
Solid waste disposal	X								✓	✓
Hazardous Waste, contaminated spills				✓	✓	✓	✓			✓
Sanitary waste	X		✓		✓			✓		
Vehicle/equipment fueling, maintenance, use and storage							✓		✓	✓
Landscaping operations		✓	✓			✓			✓	✓
<i>Describe others</i>										

1.9 Endangered Species Certification

You can obtain this information from the original SWPPP or contact the Department of Natural Resources and obtain a waiver from them or modify the text below to describe your situation.

Stone Peak Construction conducted a review of any potential endangered/threatened species and critical habitat on 218 Roy Park in Plain City, Utah. Stone Peak Construction did not identify any endangered species in the project area as this is a pre-developed lot and has been in use for many years

1.10 Historic Preservation

You can obtain this information from the original SWPPP or contact Utah State History Preservation Office 801-533-3561 to obtain a list of historic places.
http://history.utah.gov/historic_buildings/national_register/documents/NR_List.pdf

Not Applicable

1.11 Applicable Federal, Tribal, State or Local Permits

Submit copies of all applicable permits (e.g. 404, dewatering UTG070000, stream alteration, municipal land disturbance permit, etc.)

Not Applicable

SECTION 2: EROSION AND SEDIMENT CONTROL BMPS

2.1 Minimize Disturbed Area and Protect Natural Features and Soil

Describe the areas that will be disturbed with each phase of construction and the methods (e.g., signs, fences, etc.) that you will use to protect those areas that should not be disturbed. Modify the text below to describe your situation

Frandsen Farm Subdivision has all improvements (paved roads, concrete sidewalks and utilities) all the lots are covered with vegetation. Stone Peak Construction will clearly mark the property and will limit the disturbance area to individual building lots.

2.2 Phase Construction Activity

Describe the intended construction sequencing and timing of major activities, including any opportunities for phasing grading and stabilization activities to minimize the overall amount of disturbed soil that will be subject to potential erosion at one time. Modify the text below to describe your situation

Stone Peak Construction will excavate the single home site clearing for a footing/foundation. Construction crews will build new home structure on the property. Final grading will blend with existing contours.

2.3 Control Stormwater Flowing onto and through the Project. *Give example of possible scenario, give example of BMPs*

BMP Description:	Swale or lower dirt behind sidewalk at front of lot to keep water from reaching street
Installation Schedule:	Backfill
Maintenance Inspection:	14 days or less
Responsible Staff:	Kirt Merrill

2.4 Stabilize Soils. *Give example of possible scenario, give example of BMPs*

BMP Description:	Keep native grasses where possible
<input type="checkbox"/> Permanent	<input type="checkbox"/> Temporary
Installation Schedule:	Dig
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

2.5 Protect Slopes. *Give example of possible scenario, give example of BMPs*

BMP Description:	NA
Installation Schedule:	
Maintenance Inspection:	
Responsible Staff:	

2.6 Protect Storm Drain Inlets. *Give example of possible scenario, give example of BMPs*

BMP Description:	Rock in fabric bags at edges of lot and/or storm drains
Installation Schedule:	Dig
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

2.7 Establish Perimeter Controls and Sediment Barriers. *Give example of possible scenario, give example of BMPs*

BMP Description:	Slope swale
Installation Schedule:	
Maintenance Inspection:	
Responsible Staff:	

2.8 Establish Stabilized Construction Exits. *Give example of possible scenario, give example of BMPs*

BMP Description:	Add Gravel to entry (driveway)
Installation Schedule:	Backfill
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

2.9 Additional BMPs. *Give example of possible scenario, give example of BMPs*

BMP Description:	
Installation Schedule:	
Maintenance Inspection:	
Responsible Staff:	

SECTION 3: GOOD HOUSEKEEPING BMPS

3.1a Material Handling and Waste Management *(Trash disposal, sanitary waste, proper material handling)*

BMP Description:	On site dumpster
Installation Schedule:	Backfill
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

Repeat as needed

3.1b Material Handling and Waste Management *(Trash disposal, sanitary waste, proper material handling)*

BMP Description:	Port o Potty steaked and available
Installation Schedule:	Backfill
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

3.2 Establish Proper Building Material Staging Areas. *Give example of possible scenario, give example of BMPs*

BMP Description:	Front of yard behind sidewalk
Installation Schedule:	Backfill
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

3.3 Designate Washout Areas *(Concrete washout, stucco, paint, insulation, etc.)*

BMP Description:	Washout area with sign and pit or pool as needed at time of pour
Installation Schedule:	Backfill
Maintenance Inspection:	Weekly
Responsible Staff:	Jeremiah Jones

3.4 Establish Proper Equipment/Vehicle Fueling and Maintenance Practices. *Give example of possible scenario, give example of BMPs or no fuel will be stored on site, no equipment maintenance is allowed on site.*

BMP Description:	NA No refueling available
Installation Schedule:	
Maintenance Inspection:	
Responsible Staff:	

3.5 Control Equipment/Vehicle Washing. *Give example of possible scenario, give example of BMPs or no equipment washing is allowed on site.*

BMP Description:	Wash only on gravel areas as needed
Installation Schedule:	Weekly
Maintenance Inspection:	
Responsible Staff:	

3.6 Spill Prevention and Control Plan

Material	Location of Spill	Reportable Quantity
Diesel Fuel and Oils	Land/Water	25 gallons or visible sheen
Antifreeze	Land/Water	13 gallons
Gasoline	Land/Water	25 gallons

Each work area has a spill response kit. Most of the spills can be cleaned up following the manufacturer recommendation Absorbent/oil dry, sealable containers, plastic bags, and shovels/brooms are suggested minimum spill response items that should be on this location

- 1st Priority: Protect all people
- 2nd Priority: Protect equipment and property
- 3rd Priority: Protect the environment

1. Make sure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
2. Stop the spill source
3. Check for hazards (flammable material, noxious fumes, cause of spill) – if flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave area and call 911. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers
5. If possible, stop spill from entering drains (use absorbent or other material as necessary)
6. Stop spill from spreading (use absorbent or other material)
7. If spilled material has entered a storm sewer; contact the City Storm Water Department.
8. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials and do not flush area with water.
9. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.

Emergency Numbers

National Response Center (NRC)	800-424-8802
Utah State Department of Environmental Quality 24 hr answering Service	801-536-4300
Utah Division of Water Quality	801-538-6146
Utah Hazmat Response Officer 24 hrs	801-538-3745
Municipal Fire Department	801-###-####
Municipal Police Department	801-###-####
Municipal Storm Water Collections	801-###-####

3.7 Any Additional BMPs. *Give example of possible scenario, give example of BMPs (Street sweeping, etc)*

BMP Description:	
Installation Schedule:	
Maintenance Inspection:	
Responsible Staff:	

3.8 Allowable Non-Stormwater Discharge Management

Refer to section 1.5 of the UPDES CGP UTR300000

Authorized Non-Storm Water Discharges	Comments
1. Discharges from fire-fighting activities.	
2. Fire Hydrant flushing.	No hyper-chlorinated water discharges (from water lines disinfection) will be allowed in the storm drain. Prior arrangements must be made with the Sanitary Sewer Treatment Facility before high-chlorine water is flushed in to the sanitary sewer.
3. Waters used to wash vehicles where detergents are not used.	Concrete trucks are rinsed on the site without the use of detergents. Washout water is retained on the site.
4. Water used to control dust.	
5. Potable water sources including waterline flushing, routine external building wash down that does not use detergents.	
6. Pavement wash waters where spills or leaks of toxic or hazardous material have not occurred (unless all spilled material has been removed) and where detergents are not used.	
7. Uncontaminated air conditions or compressor condensate.	
8. Uncontaminated ground water or spring water,	
9. Foundation or footing drains where flows are not contaminated with process materials such as solvents	
10. Landscape irrigation	

SECTION 4: POST-CONSTRUCTION BMPs AND FINAL STABILIZATION

Refer to section 1.11 for local post construction BMP requirements (*e.g. for residential development. Homeowner to complete landscaping within 18 months after taking ownership of the house*)

BMP Description:	Final landscaping by homeowner
Installation Schedule:	18 months
Maintenance Inspection:	Owner
Responsible Staff:	Owner

Repeat as needed

SECTION 5: INSPECTIONS

5.1 Inspections

1. Inspection Personnel: Jeremiah Jones

2. Inspection Schedule: Weekly

At least once every 7 calendar days; or

At least once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.

SECTION 6: 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: Kirt Merrill

Title: Stone Peak Owner

Signature: *Kirt Merrill*

Date: 8/25/21

Name: Kirt Merrill

Title: Stone Peak Owner

Signature: *Kirt Merrill*

Date: 8/25/21

SECTION 7: RECORDKEEPING AND TRAINING

The following is a list of records you must keep with your SWPPP.

1. SWPPP Amendment Log (appendix G)
2. Subcontractor Certifications/Agreements (appendix H)
3. Grading and Stabilization Activities Log (appendix I)
4. Training Log (appendix J)
5. Delegation of Authority (appendix K)
6. Inspection Reports (appendix L)
7. Corrective Action Log (appendix M)

SECTION 8 APPENDICES

Appendix A- General Location Map

Appendix B- Site Maps

Appendix C- BMP Specification Sheets

Appendix D- Acknowledgment Letter and Construction General Permit

Appendix E- NOI

Appendix F- Additional Information (LDP, Other Permits, Historic Places, Endangered Species)

Appendix G- SWPPP Amendment Log

Appendix H- Subcontractor Certifications/Agreements

Appendix I- Grading and Stabilization Activities Log

Appendix J- Training Log

Appendix K- Delegation of Authority

Appendix L- Inspection Reports

Appendix M- Corrective Action Log

Appendix G – SWPPP Amendment Log

Amendment No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]

Appendix H – Subcontractor Certifications/Agreements

SUBCONTRACTOR CERTIFICATION STORMWATER POLLUTION PREVENTION PLAN

Project Number: _____

Project Name: _____

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 – Grading and Stabilization Activities Log

Date Grading Activity Initiated	Description of Grading Activity	Date Grading Activity Ceased (Indicate Temporary or Permanent)	Date When Stabilization Measures are Initiated	Description of Stabilization Measure and Location

Appendix J – SWPPP Training Log

Stormwater Pollution Prevention Training Log

Project Name: **6 Frandsen Farm**

Project Location: 1766 S 4075 W Roy, UT

Instructor's Name(s): **Kirt Merrill**

Instructor's Title(s): **Stone Peak owner**

Course Location: On site _____ Date: _____

Course Length (hours): One (1)

Stormwater Training Topic: *(check as appropriate)*

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

Specific Training Objective: Instruct proper and acceptable disposal of building wastes

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

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

Appendix K – Delegation of Authority Form

Delegation of Authority

I, _____ 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.

Company Name

Individual's Name

Address

City, State, Zip Code

Telephone Number

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in UTR300000, Section 5.16 and that the designee above meets the definition of a “duly authorized representative” as set forth in UTR300000, Section 5.16.

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: _____

Erosion and Sediment Control Inspection and Corrective Action Report

Inspector: _____ Date: _____

Site Name and Location: _____

Current Weather Conditions: _____ Last Rain Event >.5": _____

Site Description: _____

BMP Designation	O.K	Not O.K.	BMP Condition, Corrective Action.
Construction Access Is the tracking pad Preventing sediment from Being tracked into the Street?			
Washout facility Are washout facilities (e.g. Paint, stucco, concrete) Available , clearly marked And maintained?			
Portable Toilet Is the portable toilet placed Behind the sidewalk or at Least 10' away from the Street properly anchored?			
Perimeter Control Clearing Limits Marked? Silt Fences?			
Inlet, Curb and Gutter Check Dam Sediment Protection Rock bags?			
Waste Disposal Is trash/litter from work Areas collected in a dumpsters or removed from the site daily			
Street Sweeping And Dust Control			
Other BMP Maintenance			

Appendix M – Corrective Action Log

Inspection Date	Inspector Name(s)	Description of BMP Deficiency	Corrective Action Needed (including planned date/responsible person)	Date Action Taken/Responsible person