(This SWPPP Template is for the **Common Plan** Permit Only, and

does **NOT** address SWPPP requirements found in the CGP.)

Common Plan SWPPP for

Christensen Residence East Lake Meadows Estates

8689 E 500 S

Huntsville, Utah 84317

Stacey and Tyler Christensen

PO BOX 629

Huntsville, Utah 84317

12/19/2018

SWPPP Preparation Date

1. Project Information

Project Name: Christensen Residence East Lake Meadows Estates **Address:** 8689 E 500 S
City: Huntsville, Utah 84317 **State:** UT **Zip:** 84317
Latitude: 11.742
Longitude: 41.255
UPDES Permit Tracking Number:UTR390543

Owner: Tyler and Stacey Christensen
Contact Person: Stacey Christensen

Address: PO BOX 629
City: Huntsville **State:** UT **Zip:** 84317
Telephone Number: 801-230-8193
Email Address: stanmater@gmail.com

General Contractor: Owner/Builder
Contact Person:
Address:
City: **State:** UT **Zip:**
Telephone Number:
Email Address:

Answering "no" to the two questions below means the project is not eligible for this permit.

Is the project in Indian Country? **Yes** ☐ **No** ☒
Is the project a residential building on a single lot and disturbing one acre or less? **Yes** ☒ **No** ☐

2. Pollution Sources/Best Management Practices

Answer yes or no whether the following features are located at your site. If yes, select the BMP(s) that will be used to protect each feature. If no, continue to the next question. Attach necessary illustrated details for proper installation in Appendix G, and show locations of all controls on Site Map in Appendix A.

2.1 **Is there a SWPPP sign on site?** (see permit part 1.10) **Yes** ☒ **Required**
The sign must include the UPDES tracking number, the owner or general contractor name, phone number and email, and if the SWPPP is on-line, instructions on how to view it. The size requirement is to be readable from a publicly accessible point.

2.2 **Will there be construction dewatering on the site?** (see permit part 2.7) **Yes** ☐ **No** ☒
BMP(s): ☐ Dewatering of the construction area is needed and a separate dewatering permit has been obtained to treat and discharge water. *Construction Dewatering (if discharged offsite) must be covered by UPDES Permit UTG070000.*
☐ Water from the dewatering of the construction area will be infiltrated on site.

2.3 **Will there be non-storm water discharges on the site?** (see permit part 1.3) **Yes** ☐ **No** ☒
Allowable discharges include: Flushing of drinking water or irrigation water (not including wash or cleaning waters), water used for dust control, spring water or groundwater not exposed to construction activities, water from emergency fire-fighting activities, and water from foot drains not exposed to construction activities. (see permit part 2.4.5 & 2.9).
Please list all anticipated non-storm water discharges: Click here to enter text.
What will you do to manage the non-storm water discharges? *Please list direct discharges, contained non-storm water discharges, and discharges that are treated separately.*
BMP(s): ☐ All non-storm water discharges are listed as allowable per permit part 1.3 and discharged
☐ All non-storm water discharges that are not allowed are properly contained (see questions 2.12 and 2.16)
☐ All non-storm water discharges that are contaminated with sediment only (free of chemicals, oils, etc.) will be treated in a sediment basin or equivalent (see permit part 2.8.1).
☐ Other: Click here to enter text.

2.4 **Is it possible for the total area of disturbance to be phased, minimizing the total exposure of disturbed soil at one time?** (see permit part 2.3.1) **Yes** ☐ **No** ☒

If disturbance can be minimized please show the locations on the site map and summarize (here) where disturbances will be delayed for some of the disturbed area: Click here to enter text.

2.5 **What perimeter controls will be used to prevent sediment from leaving the site?** (permit part 2.1.2 & 2.3)

BMP(s):

- ☐ Silt Fence
- ☒ Vegetative Buffer
- ☐ Staked straw Wattles (Fiber Rolls)
- ☒ Other: or dirt swells
- ☒ Berms
- ☐ Cut-Back-Curb
- ☐ Weighted Wattles

2.6 **Are surface waters located within 30 feet of your project's earth disturbances?** **Yes** ☐ **No** ☒

Note: *A 30' natural vegetative buffer MUST be maintained by water bodies. If a buffer less than 30' is used, you must demonstrate that the additional controls offer the same protection as a 30' natural vegetative buffer, and select the reason for exemption below.* (see permit part 2.3.5)

BMP(s): ☐ 30' Natural Vegetative Buffer

If less than 30' Natural Vegetative Buffer select additional Controls:

- ☐ 2 Silt Fence Barrier
- ☐ 2 Straw Wattle Barriers (Fiber Roll)
- ☐ Other: Click here to enter text.

2.7 **Are there critical or sensitive areas (such as preservation of the drip lines around trees, wetlands, buffer zones by water bodies, etc.) located on or adjacent to the site?** (see permit part 2.2) **Yes** ☐ **No** ☒

BMP(s):

- ☐ Separate and isolate with environmental fencing
- ☐ Other: Click here to enter text.

2.8 **What track out control will be used to prevent dirt from being tracked on streets as vehicles leave the site?** (see permit part 2.4.1)

BMP(s):

- ☐ Track Out Pad
- ☐ Cobble
- ☐ Gravel
- ☐ Rumble Strips
- ☐ Wash Down Pad
- ☐ Delivery Pad
- ☐ Restricted Site Access
- ☐ Selective Access During Dry Weather (Dry soil)
- ☒ Other: Sweeping by hand or mechanical means to keep the paved areas of the site free of dust, dirt, and debris if necessary during periods of construction. Dispose of accumulated dirt in waste containers or haul it off the site to a landfill.

2.9 **Do you have storm drain inlets on or down gradient of this site?** (see permit part 2.1.3) **Yes** ☐ **No** ☒

Protection must address the curb inlet opening (throat) as well as the grate.

Where is/are the nearest downstream inlet(s) and how will you protect them: Click here to enter text.

BMP(s):

- ☒ Rock/Sand-filled Bags
- ☐ Filter Fabric
- ☐ Proprietary inlet devices
- ☐ Other: Click here to enter text.
- ☐ Drop Inlet Bags
- ☐ Gravel or Sand filled Wattles

2.10 **Will curb ramps be used at the site?** (see permit part 2.4.2) **Yes** ☐ **No** ☒

If curb ramps are used it must be done with material [not dirt] that will not wash away in storm water.

BMP(s): ☐ Crushed Rock ☐ Wood/Steel Ramps
☐ Other: Click here to enter text.

2.11 Will there be stockpiles or spoil piles on the site? **Yes** ☒ **No** ☐

Note: *Select "Contained by other BMP" if another BMP on your site will contain runoff from the stockpiles. Materials that can be transported with precipitation must not be placed in the street.* (see permit part 2.1.1)

BMP(s): ☐ Surrounded by Silt Fence ☐ Surrounded by Staked Straw Wattles
☒ Covered with Tarp ☐ Temporary – Removed same day
☐ Contained by other BMP. Explain: Click here to enter text.
☐ Other: Click here to enter text.

2.12 Does the project include installation of concrete, masonry, stucco, and paint (water based)work in this project? (see permit part 2.4.5 & 2.9.1) **Yes** ☒ **No** ☐

Wash water must be contained, the solids dried, and disposed of at a landfill.

BMP(s): ☐ Lined Depression ☒ Steel Dumpster
☐ Regional Washout (per development)
☒ Other: waste disposal containers covered. Provide for the weekly (or more frequent, if necessary) disposal of waste containers. Provide waste containers at convenient locations around the site.

2.13 How will solid waste be dealt with on the site? (see permit part 2.4.3)

Light trash in uncovered dumpsters can blow out and scatter with wind and rain may fall on uncovered leachable material in the dumpster and leak out the bottom causing pollutants to escape.

BMP(s): ☐ Bag Lightweight Trash ☒ Leak Proof Dumpsters
☒ Receptacles with Lids ☐ Other: Click here to enter text.

2.14 Will there be a need to dispose of solvents, oil, fuel, etc. liquid waste? (see permit part 2.9) **Yes** ☒ **No** ☐

BMP(s): ☒ Contained and Removed from the site ☐ Collected for Reuse
☒ Other: Store adequate absorbent materials, rags, brooms, shovels, and waste containers on the site to clean-up spills of materials. Clean up minor spills immediately. For reportable quantity of hazardous or toxic substance, we will secure the services of qualified personnel for clean-up and disposal.

2.15 How will sanitary waste be handled on the site? (see permit part 2.4.4)

BMP(s): ☒ Portable Toilet(s) *(must be staked down on dirt surface & 10' from curb)*
☐ Onsite or Adjacent Indoor Bathrooms
☐ Portable Toilet Secondary Containment (secured down with straps to heavy weights)
☐ Other: Click here to enter text.

2.16 How will you minimize the discharge of pollutants from spills and leaks? (see permit part 2.8.3)

BMP(s): ☒ Use of drip pans ☒ Offsite fueling, and maintenance
☐ Spill kit ☐ Spill response plan.
☒ Other: A. FIX LEAKS OF FUEL, OIL AND OTHER SUBSTANCES IMMEDIATELY.B. PERFORM REFUELING AND SERVICE OF VEHICLES OR EQUIPMENTOFF-SITE WHEN POSSIBLE. IF REFUELING OR SERVICE OF EQUIPMENTIS PERFORMED ON-SITE, THEN PROVIDE AN IMPERVIOUS, CONTAINEDAREA WHERE ANY SPILLS CAN BE CONTAINED WITHOUT

FLOWING TO ASTORM WATER INLET OR INTO THE GROUND.C. USE DRIP PANS TO CATCH LEAKS AND SMALL SPILLS.

2.17 **Will there be a need to store construction materials on site?** (see permit 2.8.2) **Yes** ☐ **No** ☒
Minimize the exposure of materials with a pollution risk (certain building and landscaping materials, fertilizers, pesticides, herbicides, detergents).

BMP(s):
- ☐ Covering Erodible or Liquid Materials
- ☐ Secondary Containment
- ☐ Strategic Storage and Staging
- ☒ Stored off-site
- ☐ Enclose them in a weather proof shed.
- ☐ Other: Click here to enter text.

2.18 **Does your site have steep slopes (greater than 70%)?** (see permit part 2.3.2) **Yes** ☐ **No** ☒

BMP(s):
- ☐ Erosion Control Blanket
- ☐ Avoid Disturbance on slope
- ☐ Seeding
- ☐ Hydroseed
- ☐ Mulch
- ☐ Takifiers
- ☐ Other: Click here to enter text.

2.19 **Are there site conditions that cause storm water flows with highly erosive velocities?** (see permit parts 2.3.3 and 2.3.4) **Yes** ☐ **No** ☒

Flows must be controlled to minimize sediment transport.

BMP(s):
- ☐ Gravel Check Dam
- ☐ Straw Wattles (Fiber Rolls) Check Dam
- ☐ Divert Flows around the Site
- ☐ Armored channel (riprap, geotextile, other)
- ☐ Other: Click here to enter text.

2.20 **How will you reduce storm water volume to minimize sediment transport, channel and stream bank erosion?** (see permit parts 2.3.4 and 2.3.3)

BMP(s):
- ☐ Utilize basin, depression storage of storm water, cut back curb, or other to hold and infiltrate.
- ☐ Prevent heavy equipment (as much as possible) from compacting soil so storm water will infiltrate easier.
- ☐ Rip soil after heavy equipment has caused compaction.
- ☒ Other: OWNER SHALL PROVIDE STRAW FILLED BAGS OR SOCKS AROUNDINLETS WITHIN 1000 FEET OF CONSTRUCTION AS BARRIERS TO PREVENTSEDIMENT ENTERING THE INLETS. TRAPPED SEDIMENT SHALL BE REMOVEDFOLLOWING STORM EVENTS. BARRIERS SHALL BE REMOVED FOLLOWINGCOMPLETION OF CONSTRUCTION.

2.21 **Is there a need for dust control on the site (regulatory or for practical reasons)?** **Yes** ☐ **No** ☒

BMP(s):
- ☐ Wetting with Water
- ☐ Cover dirt piles with a tarp
- ☐ Use Magchloride, Calcium Chloride or Lignan Sulfonate
- ☐ Stabilize surface with mulch, gravel or other surface cover
- ☐ Other: Click here to enter text.

2.22 **Will there be disturbed areas on the site that will need to be temporarily stabilized before the project is completed?** (see permit part 2.6) **Yes** ☐ **No** ☒

Places that are disturbed and then left for over 14 days with no activity, must be temporarily or permanently stabilized.

BMP(s):
- ☐ Bark or other mulch
- ☐ Hydro-mulch
- ☐ Seeding
- ☐ Tackifier
- ☐ Staked netting with straw mulch

☐ Other: Click here to enter text.

2.23 **Will the house be sold without any landscaping?** **Yes** ☐ **No** ☒
If so, how will you leave the site for the new home owner so sediment will be contained on site until the home owner completes landscaping? *(the permit can be terminated when the owner occupies the house even though the site is not stabilized).*

BMP(s):
☐ Mulching/Hydro-mulching ☐ Swales ☐ Silt Fence
☐ Wattles ☐ Cut-Back-Curb ☐ Seeding
☐ Vegetated Buffer ☐ Grade Front-Yard Lower than Sidewalk
☐ Other: Click here to enter text.

3. Sequence of Construction Activity

Type of Construction Activity	Approximate Date Range
Start/End of the Project	03/01/2019-12/01/2019
Excavation activities	03/01/2019 - 05/01/2019
Foundation/Footings	05/01/2019 - 06/01/2019
Backfill	06/01/2019 - 06/05/2019
Erection of Building	06/06/2019 - 08/01/2019
MECHANICALS Utility Lines installed	06/06/2019 - 06/15/2019
Brick, Siding, All interior Elements	06/15/2019 - 11/29/2019
Landscaping	Spring-Summer 2020
Final	09/01/2020

4. Site Map

On a blank page (or include a page from the architectural drawings that show site layout and dimensions), please draw a map (and place this map in Appendix A) showing the layout of the site including locations of:

1. boundaries of project/property
2. boundaries of disturbance (including areas outside of property boundaries)
3. show slopes on site (if there are steep areas show steep areas)
4. location of structures/facilities
5. locations of :
    a. stockpiles for soils and materials
    b. construction supplies
    c. portable toilets
    d. garbage/trash containers
    e. egress points/track out pads
    f. concrete washout pits or containers
6. water bodies, wetlands, natural vegetative buffers
7. placement of all BMPs, perimeter, erosion control, sediment control, inlet protection, etc.
8. storm water inlets and storm water discharge points (where storm water drains off the site)
9. areas that will be temporarily or permanently stabilized on the site
10. areas where disturbances will be delayed to minimize total exposed surface at one time.

5. Potential Sources of Pollutants

Potential sources of sediment to storm water runoff:

- Clearing and grubbing operations
- Grading and site excavation operations
- Vehicle tracking
- Topsoil stripping and stockpiling
- Landscaping operations

Potential pollutants and sources, other than sediment, to storm water runoff:

- Combined Staging Area—small fueling activities, minor equipment maintenance, sanitary facilities, and hazardous waste storage.
- Materials Storage Area—general building materials, solvents, adhesives, paving materials, paints, aggregates, trash, and so on.
- Construction Activity—paving, curb/gutter installation, concrete pouring/mortar/stucco, and building construction
- Concrete Washout Area

For all potential construction site pollutants, see Table 2 below.

Table 2. Potential construction site pollutants. Circle all that applies to your site and in the last column identify pollution prevention measures to minimize their discharge.

Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Pesticides (insecticides, fungicides, herbicides, rodenticide)	Chlorinated hydrocarbons, organophosphates, carbamates, arsenic	Herbicides used for noxious weed control	
Fertilizer	Nitrogen, phosphorous	Newly seeded areas	
Plaster	Calcium sulphate, calcium carbonate, sulfuric acid	Building construction	1 A CONCRETE WASTE MANAGEMENT FACILITY SHALL BE CONSTRUCTED PRIOR TO POURING ANY CONCRETE ON THE SITE, AND SHALL REMAIN IN PLACE UNTIL THE LAST CONCRETE POUR HAS BEEN COMPLETED. 2 CONTRACTOR IS TO REMOVE THE CONCRETE WASTE MANAGEMENT FACILITY BY LEGALLY REMOVING AND DISPOSING OF WASTE CONCRETE AND, IF NECESSARY, ANY NON-SOIL BERM MATERIALS.
Cleaning solvents	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates	No equipment cleaning allowed in project limits	
Asphalt	Oil, petroleum distillates	Streets and roofing	
Concrete	Limestone, sand, pH, chromium	Curb and gutter, building construction	1 A CONCRETE WASTE MANAGEMENT FACILITY SHALL BE CONSTRUCTED PRIOR TO POURING ANY CONCRETE ON THE SITE, AND SHALL REMAIN IN PLACE UNTIL THE LAST CONCRETE POUR HAS BEEN COMPLETED. 2 CONTRACTOR IS TO REMOVE THE CONCRETE WASTE MANAGEMENT FACILITY BY LEGALLY REMOVING AND DISPOSING OF WASTE CONCRETE AND, IF NECESSARY, ANY NON-SOIL BERM MATERIALS. A. DO NOT DISPOSE OF WASHOUT FROM THE WASHING OF CONCRETE TRUCKS, MIXERS, AND HANDLING EQUIPMENT WHERE IT WILL FLOW INTO A STORM WATER INLET OR INTO A PUBLIC STREET. B. PROVIDE A HOLDING TANK TO RECEIVE ANY WASHOUT FROM CONCRETE EQUIPMENT. DISPOSAL OF TANK CONTENTS SHALL BE CONDUCTED BY CONTRACTOR AC. PROVIDE, DESIGNATE AND POST A SIGN MARKING A DESIGNATED AREA FOR WASHING ANY VEHICLES OR EQUIPMENT. DRAINAGE FROM THIS AREA SHOULD BE CONTAINED OR FLOW TO A HOLDING TANK

Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Glue, adhesives	Polymers, epoxies	Building construction	STORE ADEQUATE ABSORBENT MATERIALS, RAGS, BROOMS, SHOVELS, AND WASTE CONTAINERS ON THE SITE TO CLEAN-UP SPILLS OF MATERIALS SUCH AS FUEL, PAINT, SOLVENTS, OR CLEANERS. CLEAN UP MINOR SPILLS IMMEDIATELY.
Paints	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic	Building construction	STORE ADEQUATE ABSORBENT MATERIALS, RAGS, BROOMS, SHOVELS, AND WASTE CONTAINERS ON THE SITE TO CLEAN-UP SPILLS OF MATERIALS SUCH AS FUEL, PAINT, SOLVENTS, OR CLEANERS. CLEAN UP MINOR SPILLS IMMEDIATELY.
Curing compounds	Naphtha	Curb and gutter	
Wood preservatives	Stoddard solvent, petroleum distillates, arsenic, copper, chromium	Timber pads and building construction	1. WASTE DISPOSAL A. KEEP WASTE DISPOSAL CONTAINERS COVERED. B. PROVIDE FOR THE WEEKLY (OR MORE FREQUENT, IF NECESSARY) DISPOSAL OF WASTE CONTAINERS. C. PROVIDE CONTAINERS AT CONVENIENT LOCATIONS AROUND THE SITE.
Hydraulic oil/fluids	Mineral oil	Leaks or broken hoses from equipment	
Gasoline	Benzene, ethyl benzene, toluene, xylene, MTBE	Secondary containment/staging area	A. FIX LEAKS OF FUEL, OIL AND OTHER SUBSTANCES IMMEDIATELY. B. PERFORM REFUELING AND SERVICE OF VEHICLES OR EQUIPMENT OFF-SITE WHEN POSSIBLE. IF REFUELING OR SERVICE OF EQUIPMENT IS PERFORMED ON-SITE, THEN PROVIDE AN IMPERVIOUS, CONTAINED AREA WHERE ANY SPILLS CAN BE CONTAINED WITHOUT FLOWING TO A STORM WATER INLET OR INTO THE GROUND. C. USE DRIP PANS TO CATCH LEAKS AND SMALL SPILLS.
Diesel Fuel	Petroleum distillate, oil & grease, naphthalene, xylenes	Secondary containment/staging area	
Kerosene	Coal oil, petroleum distillates	Secondary containment/staging area	
Antifreeze/coolant	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)	Leaks or broken hoses from equipment	
Sanitary toilets	Bacteria, parasites, and viruses	Staging area	PORTABLE TOILETS AND OTHER SANITARY FACILITIES SHALL BE SERVICED WEEKLY AND PUMPED CLEAN BY A WASTE DISPOSAL COMPANY. NO TOXIC

Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
			OR HAZARDOUS WASTE SHALL BE DISPOSED OF IN A PORTABLE TOILET OR IN THE ON-SITE SANITARY SEWER. TOILETS SHALL BE ANCHORED AGAINST OVERTURING.

*(Area where material/chemical is used on-site)

6. Spill Prevention and Response Plan

Describe the spill prevention and control plan to include ways to reduce the chance of spills, stop the source of spills, contain and cleanup spills, dispose of materials contaminated by spills, and train personnel responsible for spill prevention and control. Additionally, fill in all BLUE fields below.

Spill Plan:

A. STORE ADEQUATE ABSORBENT MATERIALS, RAGS, BROOMS, SHOVELS,AND WASTE CONTAINERS ON THE SITE TO CLEAN-UP SPILLS OFMATERIALS SUCH AS FUEL, PAINT, SOLVENTS, OR CLEANERS. CLEANUP MINOR SPILLS IMMEDIATELY.B. FOR REPORTABLE QUANTITY OF HAZARDOUS OR TOXIC SUBSTANCE,SECURE THE SERVICES OF QUALIFIED PERSONNEL FOR CLEAN-UP ANDDISPOSAL

Any discharges in 24 hours equal to or in excess of the reportable quantities listed in 40 CFR 117, 40 CFR 110, and 40 CFR 302 will be reported to the National Response Center and the Division of Water Quality (DWQ) as soon as practical after knowledge of the spill is known to the permittee. 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, and measures taken and/or planned to be taken to the Division of Water Quality (DWQ), 288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870. The Storm Water Pollution Prevention Plan must be modified within14 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 plan must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

Agency	Phone Number
National Response Center	(800) 424-8802
Division of Water Quality (DWQ) 24-Hr Reporting	(801) 538-6146; (801) 536-4123
Utah Department of Health Emergency Response	(801) 580-6681
Huntsville Fire Department	(801) 745-3420

Minimum spill quantities requiring reporting:

Material	Media Released To	Reportable Quantity
Engine oil, fuel, hydraulic & brake fluid	Land	25 gallons
Paints, solvents, thinners	Land	100 lbs (13 gallons)
Engine oil, fuel, hydraulic & brake fluid	Water	Visible Sheen
Refrigerant	Air	1 lb
Antifreeze, battery acid, gasoline, engine degreasers	Air, Land, Water	100 lbs (13 gallons)

Emphasis to:

1st Priority: Protect all people (including onsite staff)
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. 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.
3. Stop the spill source and contain flowing spills immediately with spill kits, dirt or other material that will achieve containment.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers
5. If spilled material has entered a storm sewer, regardless of containment; contact the City Storm Water Division.
6. Cleanup all spills (flowing or non-flowing) immediately following containment. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials AND DO NOT FLUSH AREA WITH WATER.
7. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.
8. Report the reportable quantity to the Huntsville Storm Water Division.

Emergency Numbers

Utah Hazmat Response Officer 24 hrs	(801)-538-3745
City Police Department	(256) 722-7100
City Engineering Division	(256) 427-5300

7. SWPPP, Inspections and Corrective Action Reports

Inspection Schedule and Procedures: The permit requires inspections once a week (see permit Part 3). You must list and provide details of your BMPs in Appendix G. Inspection reports require reporting on BMPs and how effective they are (download inspection reports from the DWQ construction storm water website under the Common Plan Permit). You may be required to maintain, modify, remove, or apply/install more or different BMPs to control pollutants on the site. Please number your BMPs in Appendix G and refer to those numbers on your inspection reports and corrective action reports when you inspect or report on them.

Describe the general procedures for correcting problems when they are identified. Include responsible staff and time frames for making corrections:

Click here to enter text.

Inspections and Corrective Actions: All inspections and corrective actions must be logged using the "Inspection/Correction Action Log" attached in Appendix E. The log should be filled out completely for each BMP.

8. Training of Sub-Contractors

All sub-contractors, installers of utility connections, and others that perform activities that are affected by permit requirements will be informed about permit requirements that pertain to their scope of work.

Sub-Contractors that have been informed:

Contractor	Date	Topic(s) Covered	Initials of Trainer
Excavator			
Gas utilities			
Plumbing connection			
Electrical connection			
Concrete foundation walls			
Concrete flat work			
Landscaper			
Other: Click here to enter text.			
Other: Click here to enter text.			
Other: Click here to enter text.			
Other: Click here to enter text.			

9. Changes to the SWPPP

All changes to this SWPPP must be redlined, dated, and initialed in the SWPPP document and on the site map.

10. Record Keeping

The following items should be kept at the project site available for inspectors to review:

1. A copy of the Common Plan Permit (Appendix B)
2. The signed and certified NOI form (Appendix C)
3. Inspection reports (Appendix E)

11. Delegation of Authority (if any)

Duly Authorized Representatives or Positions:

Company/Organization: Company of Representative.
Name: Authorized Representative Name.
Position: Representative Title.
Address: Click here to enter text.
City: Click here to enter text. State: State Zip: Zip Code
Telephone: (XXX) XXX-XXXX Fax/Email: (XXX) XXX-XXXX

Owner/General Contractor Signature:_____ Date:_____

Additional Duly Authorized Representatives or Positions:

Company/Organization: Company of Representative.
Name: Authorized Representative Name.
Position: Representative Title.
Address: Click here to enter text.
City: Click here to enter text. State: State Zip: Zip Code
Telephone: (XXX) XXX-XXXX Fax/Email: (XXX) XXX-XXXX

Owner/General Contractor Signature:_____ Date:_____

12. Discharge Information

Does your project/site discharge storm water into a Municipal Separate Storm Sewer System (MS4)?

☐ Yes ☒ No

Municipal Storm Drain System receiving the discharge from the construction project: Click here to enter text.

Receiving Waters (look up https://deq.utah.gov/ProgramsServices/programs/water/standards/WQmap.htm to identify your receiving water body)

Enter the name(s) of the first surface water(s) that receives storm water directly from your site and/or from the MS4 listed above. **Note:** *multiple rows provided in the case that your site has more than one point of discharge in which each flows to different surface waters.*

1. Click here to enter name of receiving waters.
2. Click here to enter name of receiving waters.
3. Click here to enter name of receiving waters.
4. Click here to enter name of receiving waters.

Impaired Waters (refer to http://mapserv.utah.gov/surfacewaterquality/ in the left hand column to determine status of receiving water body).

Select any impaired surface water(s) that your site will discharge to, either directly or through the MS4 selected above. 600' from river to Pineview Lake

Impaired Surface Water	Is this surface water impaired?	Pollutant(s) causing the impairment	Has a TMDL been completed?	Pollutant(s) for which there is a TMDL
N/A	☐ Yes ☒ No	N/A	☐ Yes ☐ No	Click here to enter text.
Click here to enter text.	☐ Yes ☐ No	Click here to enter text.	☐ Yes ☐ No	Click here to enter text.

13. Certification and Notification

I, Beata Clifford, 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.

X B L Christensen

Construction Operator

This SWPPP should be signed and certified by the construction operator(s).

SWPPP Appendices

Ensure the following documentation is attached to the SWPPP:

Appendix A: SWPPP Site Maps

Appendix B: Common Plan Permit

Appendix C: Notice of Intent (NOI), and a copy of the NOT form unless you plan to terminate the permit on-line

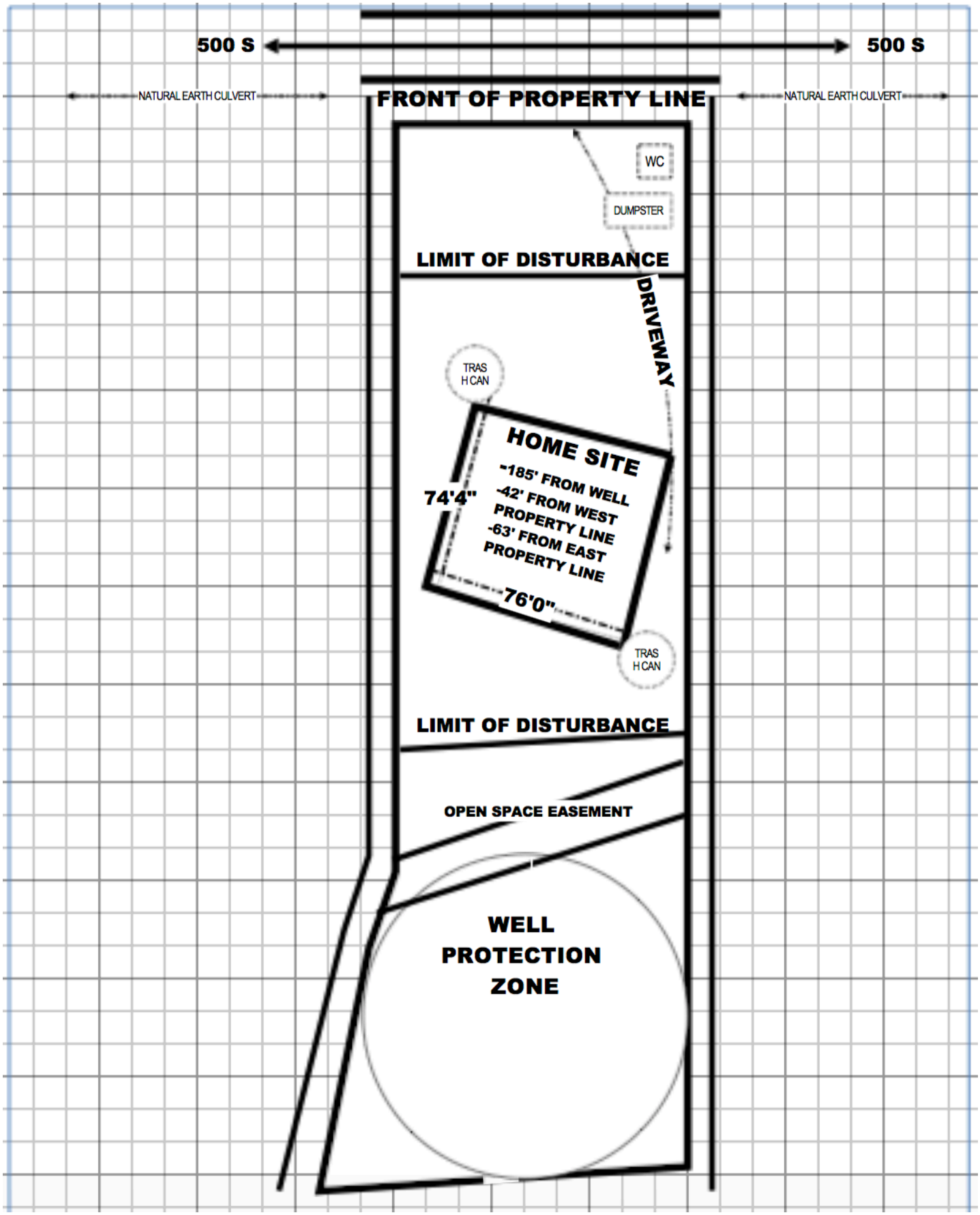
Appendix D: Daily Site Check Log

Appendix E: Inspection Reports and Corrective Actions

Appendix F: Additional Information (i.e. permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.)

Appendix G: BMP Specifications and Details (label BMPs to match the sections identified in this document.)

APPENDIX A: SWPPP Site Maps


500 S
500 S
NATURAL EARTH CULVERT
NATURAL EARTH CULVERT
FRONT OF PROPERTY LINE
WC
DUMPSTER
LIMIT OF DISTURBANCE
DRIVEWAY
TRAS H CAN
HOME SITE
-185' FROM WELL
-42' FROM WEST PROPERTY LINE
-63' FROM EAST PROPERTY LINE
74'4"
76'0"
TRAS H CAN
LIMIT OF DISTURBANCE
OPEN SPACE EASEMENT
WELL PROTECTION ZONE

APPENDIX B: Common Plan Permit

Find the permit on https://deq.utah.gov/Permits/water/updes/stormwatercon.htm

Delegation of Authority

I, StaceyChristensen(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 Common Plan Permit, at the Lot 4 East Lake Meadows Estates construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

Stacey Christensen(owner builder)_____ (name of person or position)

N/A (company)

PO BOX 629 (address)

Huntsville,UT84317(city, state, zip)

801-230-8193 (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: Stacey Christensen

Company: Owner/Builder

Title: Owner

Signature: Stacey Christensen

Date: 12/19/2018

APPENDIX C: Notice of Intent and Termination.

Find the Notice of Termination Form at
https://deq.utah.gov/Permits/water/updes/stormwatercon.htm

However, termination of the project can be done on-line at https://secure.utah.gov/stormwater

(You must log in using the same username that you applied for your NOI with. If you completed a paper NOI you must complete a paper NOT.)

STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER QUALITY
195 North 1950 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870 (801) 536-4300

NOI

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity Under the UPDES General Permit No. UTR390543 **SEE REVERSE FOR INSTRUCTIONS**

Submission of this Notice of Intent constitutes notice that the party(s) identified in Section I of this form intends to be authorized by UPDES General Permit No. UTR390543 **issued for storm water discharges associated with construction activity in the State of Utah. Becoming a permittee obligates such discharger to comply with the terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.**

Is this NOI seeking continuation for previously expired permit coverage at the same site? Y ◉ N ○
If yes, what is the number of the previous permit coverage? Permit No.

Permit Start Date 12/19/2018 **Permit Expiration Date:** 06/30/2019

I. OPERATOR INFORMATION

Name (Owner): Stacey Christensen **Phone:** 801-230-8193

Address: PO BOX 629 **Status of Owner/Operator:** PRIVATE

City: HUNTSVILLE **State:** UT **Zip:** 84317

Contact Person: Stacey Christensen **Phone:** 801-230-8193

Name (Operator): Stacey and Tyler Christensen **Phone:** 801-230-8193

Address: PO BOX 629 **Status of Owner/Operator:** PRIVATE

City: HUNTSVILLE **State:** UT **Zip:** 84317

Contact Person: Stacey Christensen **Phone:** 801-230-8193

II. FACILITY SITE / LOCATION INFORMATION

Is the facility located in Indian Country? Y ○ N ◉

Name: Christensen Residence

Project No. (if any):

Address: 8689 E 500 S **County:** WEBER

City: HUNTSVILLE **State:** UT **Zip:** 84317

Latitude: 41.255 **Longitude:** 111.742778

Method (check one): ☐ USGS Topo Map, Scale ☐ EPA Web site ☑ GPS ☐ Other

III. SITE INFORMATION

Municipal Separate Storm Sewer System (MS4) Operator Name: Weber County

Receiving Water Body: Pineview Reservoir known **this is known** ◉ **this is a guess** ○

Estimate of distance to the nearest water body? 600 ft ft **ft.** ○ **miles.** ○

Is the receiving water an impaired or high quality water body (see http://wq.deq.utah.gov/)? Yes ◉ **No** ○

List the Number of any other UPDES permits at the site:

IV. TYPE OF CONSTRUCTION (Check all that apply)

1. ☑ **Residential** **2.** ☐ **Commercial** **3.** ☐ **Industrial** **4.** ☐ **Road** **5.** ☐ **Bridge** **6.** ☐ **Utility**

7. ☐ **Contouring, Landscaping** **8.** ☐ **Pipeline** **9.** ☐ **Other (Please list)**

INSTRUCTIONS

Notice Of Intent (NOI) For Permit Coverage Under the UPDES General Permit For Storm Water Discharges From Construction Activities

Who Must File A Notice Of Intent (NOI) Form State law at UAC R317-8-3.9 prohibits point source discharges of storm water from construction activities to a water body(ies) of the State without a Utah Pollutant Discharge Elimination System (UPDES) permit. The operator of a construction activity that has such a storm water discharge must submit a NOI to obtain coverage under the UPDES Storm Water General Permit. If you have questions about whether you need a permit under the UPDES Storm Water program, or if you need information as to whether a particular program is administered by EPA or a state agency, contact the storm water coordinator at (801) 536-4300.

Where To File NOI Form The preferred method of submitting an NOI to apply for the construction general storm water permit (CGP) is electronically on-line at http://www.waterquality.utah.gov/UPDES/stormwatercon.htm. The fee can be submitted on line also. If on-line is not an option for you send a paper form of the NOI to the following address:

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

Beginning of Coverage CGP coverages are issued immediately after submitting an NOI with the permit fee. The permittee should be aware that though you may not have a permit in hand, if you have submitted a completed NOI with the permit fee you are covered by the conditions in the permit and will be expected to comply with permit conditions. You can print a copy of the CGP from the DWQ web site.

Permit Fees. The permit fee is $150.00 per year. The fee is paid by Visa/Master Card on-line when an NOI is filed (by check if submitted with a paper NOI). If the project continues for more than one year the fee must be submitted again in a renewal process on-line. CGP coverage will not be issued until the fee is paid.

Length of Coverage: CGP coverage starts the day that the NOI and fee is received at DWQ and expires a year from issuance. All CGP coverages must be renewed within 60-days after the yearly expiration date, or be terminated with a notice of termination (NOT) before the expiration date. To terminate the permit the site must meet the permit conditions for final stabilization (see permit definitions), or must continue under a different permit holder. In most cases the DWQ or municipality of jurisdiction will perform a final inspection when a CGP coverage submits an NOT. If the site passes the final inspection the permit is terminated.

The Storm Water General Permit for Construction Activities UTRC00000 will expire on May 30, 2019. The Clean Water Act requires that all UPDES permits be renewed every 5 years. If a project extends beyond the expiration date of the Permit it must continue coverage under the renewed permit that will subsequently be developed to continue the same or similar permit coverage for construction activity.

SECTION I - FACILITY OPERATOR INFORMATION Supply the legal name(s) of the person(s), firm(s), public organization(s), or any other entity(ies) that qualifies as the owner of the project (see permit definitions). Do the same for the operator (most commonly the general contractor) that conducts the construction operation at the facility or site to be permitted. The owner and the general contractor of the project may be the same.

Enter the complete address and telephone number of the owner and operator and a contact person and number for each. Enter the appropriate letter to indicate the legal status of the operator of the facility.
F = Federal M = Public (other than Fed or State) S = State P = Private

SECTION II - FACILITY/SITE LOCATION INFORMATION Enter the facility name or legal name and project number (if any) of the site and complete street address, including city, state and ZIP code. The latitude and longitude of the facility must be included to the approximate centroid of the site, and the method of how the Lat/Long was obtained (USGS maps, GPS, Internet Map sites [such as Google Earth], or other).

Indicate whether the facility is located in Indian Country. If the facility is located in Indian Country, do not complete this NOI, instead submit an application for coverage under a storm water permit to EPA Region VIII except for facilities on the Navajo Reservation or on the Goshute Reservation which should submit an application to EPA Region IX.

SECTION III - SITE ACTIVITY INFORMATION If the storm water discharges to a municipal separate storm sewer system (MS4), enter the name of the operator of the MS4 (e.g., the name of the City or County of jurisdiction) and the receiving water of the discharge from the MS4 if it is known (if it is not known please estimate or guess and indicate so). (An MS4 is defined as a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by a state, city, town, county, district, association or other public body which is designed or used for collecting or conveying storm water).

For Impaired Waters: Go to http://wq.deq.utah.gov and identify the water body that will receive the storm water discharge from the permitted site, on the map provided at the web site (zoom in for easier resolution). On the left hand side of the page you will see "**2010 Assessment**" or "**2013 Assessment**" depending on the year you refer to the web site (the assessment is done every 3 years). The **20XX Assessment** the will indicate if the water is impaired. If there is nothing after **20XX Assessment** or the narrative after does not include the word "impaired", your receiving water is not impaired.

For High Quality Waters: On the web page referred to in the paragraph above on the left hand side of the page you will see "**Anti-Degradation Category**". Under **Anti-Degradation Category** you will see the category of the water body. Only categories 1 and 2 are high quality water bodies. Some waters may be both categories 1 and 3. If your water body is both category 1 and 3 it means the headwaters of your water body is within Forest Service boundaries, and because it is within Forest Service boundaries it is category 1. If your project is within Forest Service boundaries then your water body is category 1 and it is "high quality". If your project is not within Forest Service boundaries then your water body is category 3 and is not "high quality". Again, category 1 waters are high quality waters, category 3 waters are not high quality waters.

SECTION IV - TYPE OF CONSTRUCTION Check each type of construction that applies to this application.

SECTION V - BEST MANAGEMENT PRACTICES Check each type of best management practice that will be used to control storm water runoff at the job site.

SECTION VI – GOOD HOUSEKEEPING PRACTICES Check each type of good housekeeping practice that you will use on the site any time during construction activities.

SECTION VII – ADDITIONAL Provide an estimate of the total number of acres of the site on which soil will be disturbed (to the nearest hundredth of an acre). An email address is required of the best contact associated with the project for the communication needs.

SECTION VIII – CERTIFICATION State statutes provide for severe penalties for submitting false information on this application form. State regulations require this application to be signed as follows:

For a corporation: by a 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, or (ii) 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 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

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

For a municipality, state, Federal, or other public facility: by either a principal executive officer or ranking elected official.

POLLUTION PREVENTION PLAN A storm water pollution prevention plan (SWP3) is required to be in hand before the NOI can be submitted. It is important to know SWP3 requirements (contained in the permit) even during the design portion of the project. A copy of the permit can be obtained from the Division of Water Quality's storm water construction web site. Guidance material for developing a SWP3 can be obtained from the Division of Water Quality's storm water construction web site.

V. BEST MANAGEMENT PRACTICES

Identify proposed Best Management Practices (BMPs) to reduce pollutants in storm water discharges (Check all that apply):

1. ☐ Silt Fence/Straw Wattle/Perimeter Controls 2. ☐ Sediment Pond 3. ☑ Seeding/Preservation of Vegetation

4. ☐ Mulching/Geotextiles 5. ☐ Check Dams 6. ☑ Structural Controls (Berms, Ditches, etc.)

7. ☐ Other (Please list)

VI. GOOD HOUSEKEEPING PRACTICES

Identify proposed Good Housekeeping Practices to reduce pollutants in storm water discharges (Check all that apply even if they apply only during a part of the construction time):

1. ☑ Sanitary/Portable Toilet 2. ☑ Washout Areas 3. ☑ Construction Chemicals/Building Supplies Storage Area

4. ☐ Garbage/Waste Disposal 5. ☑ Non-Storm Water 6. ☑ Track Out Controls 7. ☐ Spill Control Measures

VII. ADDITIONAL

Estimated Area to be Disturbed (in Acres): 1.00 **Total Area of Plot (in Acres):** 3.00

A storm water pollution prevention plan has been prepared for this site and is to the best of my knowledge in Compliance with State and/or Local Sediment and Erosion Plans and Requirements. Y ◉ N ○
(A pollution prevention plan is required to be on hand before submittal of the NOI.)

Enter the best e-mail address to contact the permittee: stanmater@gmail.com

VIII.CERTIFICATION: I certify under penalty of law that I have read and understand the Part 1 eligibility requirements for coverage under the general permit for storm water discharges from construction activities. I further certify that to the best of my knowledge, all discharges and BMPs that have been scheduled and detailed in a storm water pollution prevention plan will satisfy requirements of this permit. I understand that continued coverage under this storm water general permit is contingent upon maintaining eligibility as provided for in Part 1.

I also certify under penalty of law that this document and all attachments were prepared under the direction or supervision of those who have placed their signature(s) below, 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 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.

Print Name (Owner): **Date:** 12/19/2018

Stacey Christensen

Signature: Stacey Christensen

Print Name (Operator): **Date:** 12/19/2018

Stacey and Tyler Christensen

Signature: 

Amount of Permit Fee Enclosed: $ 150.00

APPENDIX D: Daily Self-Inspection Log (permit part 3.2.2).

Daily Inspection Log

Date	Initials	Date	Initials	Date	Initials	Date	Initials

APPENDIX E: Inspection Reports

Include BMPs inspected even if they are in good condition. Corrections must be completed before the next weekly inspection.

Weekly Inspection/Corrective Action Log							
Date & Time of Inspection	Weather	BMP # and Name	Description of BMP Condition or Deficiency	Initial	Correction Date (MM/DD/YY)	How the BMP was Corrected	SWPPP Changed (Y/N)

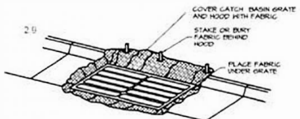
APPENDIX F: Additional Information

For permits such as local permits, dewatering, stream alteration, wetland, and out of date SWPPP documents, delegation of authority forms, etc.

APPENDIX G: BMP Specifications and Details

Label BMPs to match the sections identified in this document.

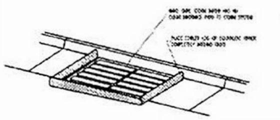
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)



FABRIC UNDER GRATE

MAINTENANCE: LIFT GRATE & CLEAN SEDIMENT OFF OF FABRIC WEEKLY & AFTER A STORM. TAKE CARE WHILE LIFTING GRATE TO PREVENT SEDIMENT FROM FALLING INTO THE CATCH BASIN. DISPOSE OF SEDIMENT AWAY FROM THE STORM DRAIN.

FABRIC UNDER GRATE



CURBED LOG (STRAW/CLOTH SACK)

INLET PROTECTION

CONSTRUCTION & BMP SEQUENCING

EQUIPMENT MAINTENANCE/REPAIR

CONCRETE WASTE MANAGEMENT

STORM WATER POLLUTION PREVENTION PLAN SPECIFIC NOTES

2.4, 2.11

2.12, 2.13

2.15

2.14

2.16

2.20

DEFINITIONS

SEAL

CONSULTANT

PROJECT NAME

EAST LAKE MEADOWS

CHRISTENSEN RESIDENCE

8689 E 500 S HUNTSVILLE, UTAH 84317

ISSUED DATE	DESCRIPTION
	CITY SUBMITTAL
	RE D PLANS
	MASTER REVISION

REVISIONS

NO	DATE	DESCRIPTION

CURRENT ISSUE 6/12/18

STORM WATER POLLUTION PREVENTION PLAN

PROJECT NO. N/A

SHEET NUMBER

A801

A801

Utah Department of
Environmental Quality

195 North 1950 West
Salt Lake City, Utah 84114-4820
Attn: DAQ, Fugitive Dust Control Plan

Fugitive Dust Control Plan Application

Applicants have the option to complete the online dust control plan on the DEQ Online Services webpage or to submit a hard copy application.

Activities regulated by R307-309 may not commence before obtaining approval of the fugitive dust control plan. Therefore, online filing is encouraged because it provides instant approval.

Blank spaces must be completed for the application to be processed. If not applicable, enter N/A.

1. Applicant Information

Name:	Stacey Christensen
Address:	PO BOX 629 HUNTSVILLE, UT 84317
Phone:	8012308193
Email:	stanmater@gmail.com
Applicant Type:	Property Owner

2. Project Information

Project Name:	Christensen Residence
Address:	8689 E 500 S HUNTSVILLE, UT 84317
County:	WEBER
Directions:	8689 E 500 S
Acreage:	3.0
Latitude:	41.255
Longitude:	111.742778

3. Point of Contact

Name: Stacey and Tyler Christensen

Company Name: Mrs.

Address: PO BOX 629 HUNTSVILLE, UT 84317

Phone: 8012308193

Fax:

Cell: 8012308193

4. On-site Superintendent/Supervisor/Foreman Contact

Name: Stacey and Tyler Christensen

Company Name: Mrs

On-Site Phone: 8012308193

Cell: 8012308193

5. By signing this permit application I certify that:

A. I am authorized, on behalf of the individual or company listed in Section 1, as Applicant, to apply for a Fugitive Dust Control Plan and to commit to all of the terms and conditions of the requested plan.

B. Construction activities will be limited to lands that the applicant either owns or is authorized to use for construction activities.

C. The applicant accepts responsibility for assuring that all contractors, subcontractors, and all other persons on the construction site covered by this plan, comply with the terms and conditions of the Fugitive Dust Control Plan.

D. I understand that any false material statement, representation or certification made in this application may invalidate the plan or cause me to be subject to enforcement action pursuant to Utah Code Ann. 19-2-115.

E. Failure to comply with fugitive dust rules may result in compliance action and penalties up to $10,000 per violation/day.

Date: 12/19/2018
Printed Name: Stacey Christensen
Title: Property Owner
Company Name: Mrs.
Dust Plan Number: 18611

Dust Suppressants

	Check All that Apply
	Clay additives.
	Calcium chloride.
	Lime (calcium oxide).
	Magnesium chloride.
	Organic non-petroleum products, (ligninsulfonate, tall (pine) oil, and vegetable derivatives).
	Synthetic polymers (for example; polyvinyl acetate and vinyl acrylic).

FUGITIVE DUST CONTROL PLAN

PROJECT ACTIVITIES CHECKLIST INSTRUCTIONS:

PLACE A CHECK MARK NEXT TO EVERY ACTIVITY THAT WILL BE CONDUCTED ON THIS SITE, FOR EACH CHECKED ACTIVITY, COMPLETE THE CORRESPONDING CONTROL MEASURES/BEST MANAGEMENT PRACTICE (BMP) SELECTION PAGE. WHEN COMPLETED, YOU WILL HAVE THE OPTION TO PRINT THE ENTIRE PLAN.

	Project Activity	Check All that Apply
01	Backfilling area previously excavated or trenched.	**X**
02	Blasting soil & rock - drilling and blasting.	
03	Clearing for site preparation and vacant land cleanup.	
04	Clearing forms, foundations, slab clearing and cleaning of forms, foundations and slabs prior to pouring concrete.	
05	Crushing of construction and demolition debris, rock and soil.	
06	Cut and fill soils for site grade preparation.	
07	Demolition - Implosive demolition of a structure, using explosives.	
08	Demolition - mechanical/manual demolition of walls, stucco, concrete, freestanding structures, buildings and other structures.	
09	Disturbed soil throughout project including between structures. THIS ACTIVITY MUST BE SELECTED FOR ALL PROJECTS.	**X**
10	Disturbed land - long term stabilization and erosion control of large tracts of disturbed land that will not have continuing activity for more than 30 days.	
11	Hauling materials.	
12	Paving/subgrade preparation for paving streets, parking lots, etc.	
13	Sawing/cutting material, concrete, asphalt, block or pipe.	
14	Screening of rock, soil or construction debris.	
15	Staging areas, equipment storage, vehicle parking lots, and material storage areas.	
16	Stockpiles materials (storage), other soils, rock or debris, for future use or export.	
17	Tailings piles, ponds and erosion control.	

18	Trackout Prevention and Cleanup of mud, silt and soil tracked out onto paved roads.	**X**
19	Traffic - unpaved routes and parking, construction related traffic on unpaved interior and/or access roads and unpaved employee/worker parking areas.	
20	Trenching with track or wheel mounted excavator, shovel, backhoe or trencher.	**X**
21	Truck loading with materials including construction and demolition debris, rock and soil.	**X**

Backfilling area previously excavated or trenched.	**BMP 01**

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Stabilize backfill material when not actively handling.

X	01-01	Water backfill material to maintain moisture or to form crust.
_	01-02	Apply and maintain a chemical stabilizer to backfill material to form crust.
_	01-03	Cover (natural or synthetic) or enclose backfill material when not actively handling.

Stabilize backfill material during handling.

X	01-04	Empty loader bucket slowly and minimize drop height from loader bucket.
_	01-05	Dedicate water truck or large hose to backfilling equipment and apply water as needed.
_	01-06	Mix moist soil with dry soil until the optimum moisture is reached.
_	01-07	Apply and mix water into the backfill material until optimum moisture is reached.
_	01-08	Apply and mix water and chemical solution into the backfill material until optimum moisture is reached.

Stabilize soil at completion of backfilling activity.

X	01-09	Apply water and maintain disturbed soils in a stable condition.
_	01-10	Apply and maintain a chemical stabilizer on disturbed soils to form a crust.

Stabilize material while using pipe padder equipment.

X	01-11	Mix moist soil with dry soil until the optimum moisture is reached.
_	01-12	Dedicate water truck or large hose to equipment and apply water as needed.
_	01-13	Not Applicable

Disturbed soil throughout project including between structures. THIS ACTIVITY MUST BE SELECTED FOR ALL PROJECTS.	**BMP 09**

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Limit disturbance of soils where possible.

X 09-01	Limit disturbance of soils with the use of fencing, barriers, barricades, and/or wind barriers.
_ 09-02	Limit vehicle mileage and reduce speed.

Stabilize and maintain stability of all disturbed soil throughout construction site.

X 09-03	Apply water to stabilize disturbed soils. Soil moisture must be maintained such that soils can be worked without generating fugitive dust.
_ 09-04	Apply and maintain a chemical stabilizer.
_ 09-05	Use wind breaks.
_ 09-06	Apply cover (natural or synthetic).

Trackout Prevention and Cleanup of mud, silt and soil tracked out onto paved roads.	**BMP 18**

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Prevent dust from trackout.

X 18-01	Clean trackout at the end of the work shift from paved surfaces to maintain dust control
_ 18-02	Maintain dust control during working hours and clean trackout from paved surfaces at the end of the work shift/day.
_ 18-03	Install gravel pad(s), clean, well-graded gravel or crushed rock. Minimum dimensions must be 30 feet wide by 3 inches deep, and, at minimum, 50' or the length of the longest haul truck, whichever is greater. Re-screen, wash or apply additional rock in gravel pad to maintain effectiveness.
_ 18-04	Install wheel shakers. Clean wheel shakers on a regular basis to maintain effectiveness.
_ 18-05	Install wheel washers. Maintain wheel washers on a regular basis to maintain effectiveness.
_ 18-06	Motorized vehicles will only operate on paved surfaces.
_ 18-07	Install cattle guard before paved road entrance.

All exiting traffic must be routed over selected trackout control device(s).

_ 18-08	Clearly establish and enforce traffic patterns to route traffic over selected trackout control device(s).
X 18-09	Limit site accessibility to routes with trackout control devices in place by installing effective barriers on unprotected routes.

Trenching with track or wheel mounted excavator, shovel, backhoe or trencher.	**BMP 20**

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION FROM EACH SECTION.

Presoak soils prior to trenching activities.

X 20-01	Pre-water surface.

Stabilize surface soils where trenching equipment, support equipment and vehicles will operate.

X 20-02	Pre-water and maintain surface soils in a stabilized condition.
_ 20-03	Apply and maintain a chemical stabilizer to surface soils.
_ 20-04	Limit mileage and speed.

Stabilize soils after trenching.

X 20-05	Apply and maintain water on excavated soil.
_ 20-06	Apply and maintain chemical stabilizer on excavated soil.

Truck loading with materials including construction and demolition debris, rock and soil.	**BMP 21**

GENERAL REQUIREMENT: ALL ACTIVITIES MUST MEET OPACITY REQUIREMENTS IN R307-309-5

MAKE AT LEAST ONE SELECTION.

X 21-01	Pre-water and maintain surface soils in a stabilized condition where loaders, support equipment and vehicles will operate.
_ 21-02	Apply and maintain a chemical stabilizer on surface soils where loaders, support equipment and vehicles will operate.
_ 21-03	Empty loader bucket slowly and keep loader bucket close to the truck to minimize the drop height while dumping.

Below are links to various Construction Storm Water BMP Manuals for reference.

Salt Lake County
http://slco.org/uploadedFiles/depot/publicWorks/engineering/final_bmp_constructi.pdf
BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

Davis County
http://www.daviscountyutah.gov/docs/librariesprovider20/default-document-library/stormwater-best-management-practices.pdf?sfvrsn=c9cd4053_2
A Guide to Stormwater Best Management Practices

Nevada DOT
https://www.nevadadot.com/home/showdocument?id=9417
Stormwater Quality Manuals: Construction Site Best Management Practices (BMPs) Manual

Caltrans
http://www.dot.ca.gov/hq/construc/stormwater/CSBMP-May-2017-Final.pdf
Construction Site Best Management Practices (BMP) Manual

Oregon
http://www.oregon.gov/deq/FilterPermitsDocs/BMPManual.pdf
Construction Stormwater Best Management Practices Manual

Los Angeles
http://dpw.lacounty.gov/cons/specs/BMPManual.pdf
Construction Site Best Management Practices (BMPs) Manual

Maricopa County (Arizona)
https://www.maricopa.gov/DocumentCenter/View/2368/2015-03-Drainage-Design-Manual-for-Maricopa-County-Volume-III-Erosion-pdf
Drainage Design Manual for Maricopa County (Erosion Control)

Minnesota
https://www.pca.state.mn.us/sites/default/files/wq-strm2-09.pdf
Stormwater Compliance Assistance Toolkit for Small Construction Operators