

(This SWPPP Template is for the **Common Plan** Permit Only, and
does **NOT** address SWPPP requirements found in the CGP.)

Common Plan SWPPP for Crimson Ridge Lot 19

1088 Lakeside Ct

Eden, UT 84310

Kimberly Flamm Residence

1088 Lakeside Ct

Eden, UT 84310

DAI Construction

14034 South 145 East Ste #204

Draper, UT 840202

Date

8/28/2019



1. Project Information

Project Name: CrimsonRidge Lot 19

Address: 1088 Lakeside Ct

City: Eden

State: UT

Zip: 84310

Latitude: 41.279209

Longitude: -111.825021

UPDES Permit Tracking Number: UTRH95795

Owner: Kimberly Flamm Trust LLC

Contact Person: Bryan Flamm

Address: 14034 South 145 East Ste #204

City: Draper

State: UT

Zip: 84020

Telephone Number: 8014953414

Email Address: bryan@daiutah.com

General Contractor: DAI Construction

Contact Person: Bryan Flamm

Address: 14034 South 145 East Ste #204

City: Draper

State: Utah

Zip: 84020

Telephone Number: 8014953414

Email Address: bryan@daiutah.com

Answering "yes" to the question below means the project is not eligible for this permit.

Is the project in Indian Country?

Yes

No

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

Yes

No

Is the project a residential building on a single lot and disturbing one acre or less?

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):**
- | | |
|---|---|
| <input checked="" type="checkbox"/> Silt Fence | <input type="checkbox"/> Berms |
| <input type="checkbox"/> Vegetative Buffer | <input type="checkbox"/> Cut-Back-Curb |
| <input type="checkbox"/> Staked straw Wattles (Fiber Rolls) | <input type="checkbox"/> Weighted Wattles |
| <input type="checkbox"/> Other: Gator Guards | |

- 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):**
- | | | |
|---|---|---------------------------------------|
| <input checked="" type="checkbox"/> Track Out Pad | <input type="checkbox"/> Cobble | <input type="checkbox"/> Gravel |
| <input type="checkbox"/> Rumble Strips | <input type="checkbox"/> Wash Down Pad | <input type="checkbox"/> Delivery Pad |
| <input type="checkbox"/> Restricted Site Access | <input type="checkbox"/> Selective Access During Dry Weather (Dry soil) | |
| <input type="checkbox"/> Other: Click here to enter text. | | |

- 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: Bottom of Lakeside Court (360 feet downstream), Flexstorm
BMP(s): Rock/Sand-filled Bags Drop Inlet Bags
 Filter Fabric Gravel or Sand filled Wattles
 Proprietary inlet devices
 Other: Flexstorm
- 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: [Click here to enter text.](#)
- 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) *we don't believe there will be, but if there is they will be contained and removed from the site. **Yes** **No**
BMP(s): Contained and Removed from the site Collected for Reuse
 Other: [Click here to enter text.](#)
- 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: [Click here to enter text.](#)
- 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. (silt fence)
 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: [Click here to enter text.](#)
- 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	08/29/2019 – 1/1/2020
Excavation activities	08/29/2019
Foundation/Footings	09/07/2019
Backfill	09/09/2019
Erection of Building	09/16/2019
801Utility Lines installed <i>(you may need to separate this into Plumbing lines, electrical lines, gas lines, water lines, Internet lines, etc.)</i>	10/16/2019
<i>Insert more rows for any stage that should be included</i>	
Landscaping <i>(if the house is sold or occupied by owner with landscaping, if not landscaping should not be included)</i>	11/01/2019

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	These will not be used on site.
Fertilizer	Nitrogen, phosphorous	Newly seeded areas	These will not be used on this site
Plaster	Calcium sulphate, calcium carbonate, sulfuric acid	Building construction	This will not be used on this site
Cleaning solvents	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates	No equipment cleaning allowed in project limits	No cleaning of equipment or vehicles will be done on site.
Asphalt	Oil, petroleum distillates	Streets and roofing	This will not be used on this site
Concrete	Limestone, sand, pH, chromium	Curb and gutter, building construction	Concrete Washout (2.12)
Glue, adhesives	Polymers, epoxies	Building construction	Concrete Washout (2.12)

Storm Water Pollution Prevention Plan Template (SWPPP)
Common Plan Permit

Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Paints	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic	Building construction	Concrete Washout (2.12)
Curing compounds	Naphtha	Curb and gutter	The curb is already done
Wood preservatives	Stoddard solvent, petroleum distillates, arsenic, copper, chromium	Timber pads and building construction	N/A
Hydraulic oil/fluids	Mineral oil	Leaks or broken hoses from equipment	Spill kit – they will not be stored on site
Gasoline	Benzene, ethyl benzene, toluene, xylene, MTBE	Secondary containment/staging area	Refueling will not be done on site. Leaks will be controlled with the spill kit. They will not be stored on site
Diesel Fuel	Petroleum distillate, oil & grease, naphthalene, xylenes	Secondary containment/staging area	Refueling will not be done on site. Leaks will be controlled with the spill kit. They will not be stored on site
Kerosene	Coal oil, petroleum distillates	Secondary containment/staging area	Leaks will be controlled with the spill kit. They will not be stored on site
Antifreeze/coolant	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)	Leaks or broken hoses from equipment	Leaks will be controlled with the spill kit. They will not be stored on site
Sanitary toilets	Bacteria, parasites, and viruses	Staging area	Portable Toilet (2.15)

*(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:

We will have a spill kit on site (see map for location)

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 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 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
Local Fire Department	801-782-3580

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 [Unincorporated Weber County](#) Storm Water Division.

Emergency Numbers

Utah Hazmat Response Officer 24 hrs	(801)-538-3745
Weber County Sherriff Department	801-778-6602
City Engineering Division	801-399-8761

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: DAI Construction

Name: Braxton Thompson

Position: Superintendent

Address: 14034 South 145 East Ste #204

City: Draper

Telephone: 801-856-4634

State: Utah Zip: 84020

Fax/Email: braxton@daiutah.com

Owner/General Contractor Signature:  Date: 8/29/19

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.

Telephone: (XXX) XXX-XXXX

State: State Zip: Zip Code

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:

Receiving Waters (look up <http://mapserv.utah.gov/surfacewaterquality/> to identify your receiving water body). If you discharge to a MS4 you may need to contact them to determine the receiving water that their system outfalls to.

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. Pineview Reservoir
- 2.
- 3.

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

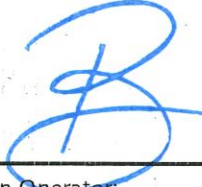
Select any impaired surface water(s) that your site will discharge to, either directly or through the MS4 selected above.

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
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	

13. Certification and Notification

I, Bryan Flamm, 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



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

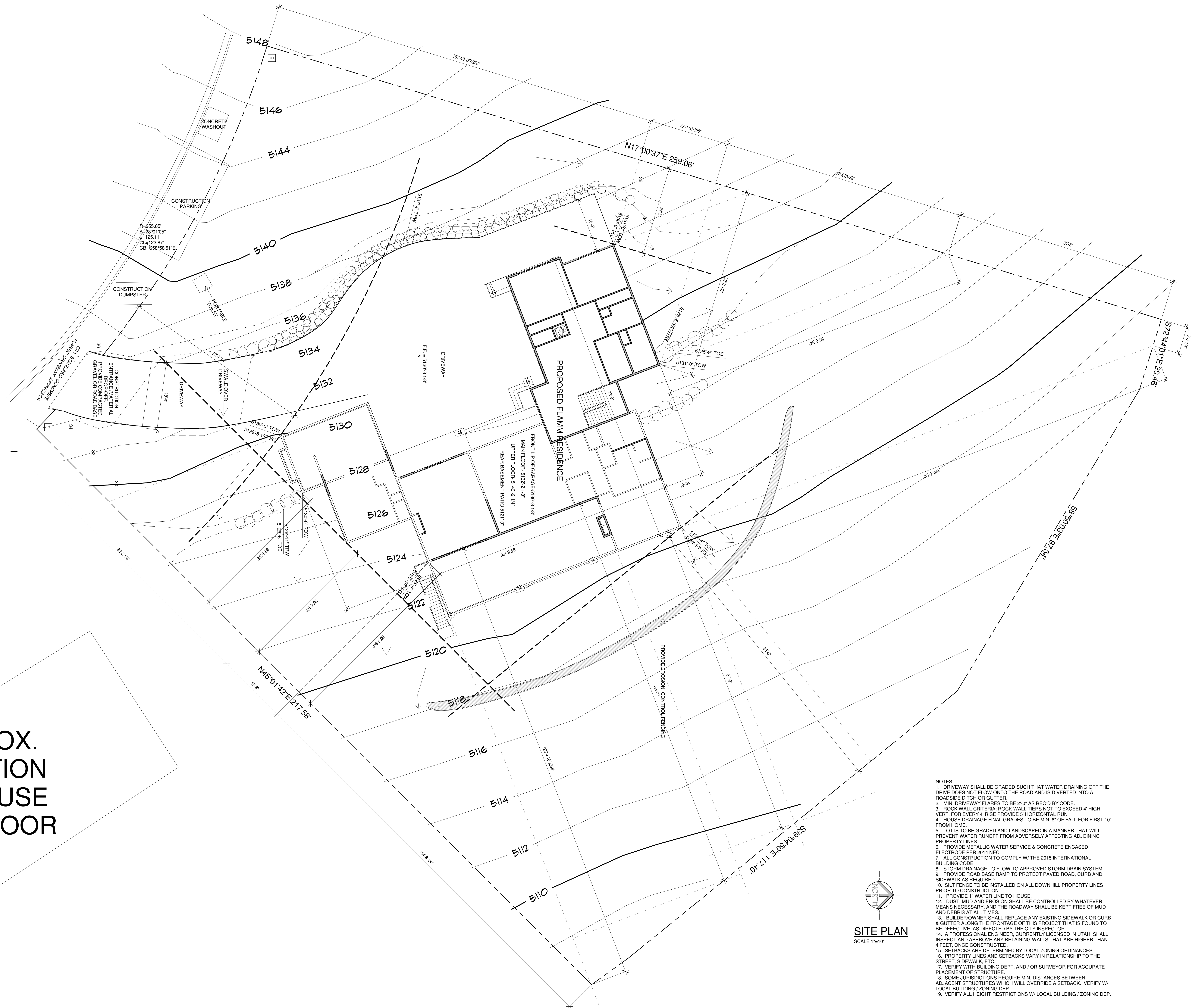
Appendix E: Inspection Reports and Corrective Actions

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

APPROX.
LOCATION
OF HOUSE
NEXT DOOR

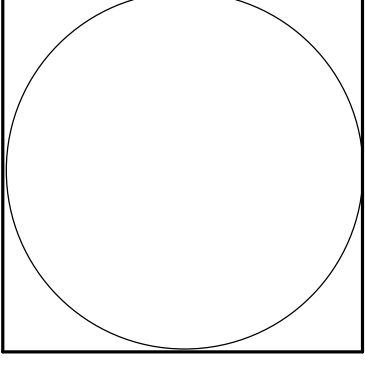


- NOTES:
1. DRIVEWAY SHALL BE GRADED SUCH THAT WATER DRAINING OFF THE DRIVE DOES NOT FLOW ONTO THE ROAD AND IS DIVERTED INTO A ROADSIDE DITCH OR GUTTER.
 2. MIN. DRIVEWAY FLARES TO BE 2'-0" AS REQ'D BY CODE.
 3. ROCK WALL CRITERIA: ROCK WALL TIERS NOT TO EXCEED 4' HIGH VERT. FOR EVERY 4' RISE PROVIDE 5' HORIZONTAL RUN.
 4. HOUSE DRAINAGE FINAL GRADES TO BE MIN. 6" OF FALL FOR FIRST 10' FROM HOME.
 5. LOT IS TO BE GRADED AND LANDSCAPED IN A MANNER THAT WILL PREVENT WATER RUNOFF FROM ADVERSELY AFFECTING ADJOINING PROPERTY LINES.
 6. PROVIDE METALLIC WATER SERVICE & CONCRETE ENCASED ELECTRODE PER 2014 NEC.
 7. ALL CONSTRUCTION TO COMPLY W/ THE 2015 INTERNATIONAL BUILDING CODE.
 8. STORM DRAINAGE TO FLOW TO APPROVED STORM DRAIN SYSTEM.
 9. PROVIDE ROAD BASE RAMP TO PROTECT PAVED ROAD, CURB AND SIDEWALK AS REQUIRED.
 10. SILT FENCE TO BE INSTALLED ON ALL DOWNHILL PROPERTY LINES PRIOR TO CONSTRUCTION.
 11. PROVIDE 1" WATER LINE TO HOUSE.
 12. DUST, MUD AND EROSION SHALL BE CONTROLLED BY WHATEVER MEANS NECESSARY, AND THE ROADWAY SHALL BE KEPT FREE OF MUD AND DEBRIS AT ALL TIMES.
 13. BUILDER/OWNER SHALL REPLACE ANY EXISTING SIDEWALK OR CURB & GUTTER ALONG THE FRONTAGE OF THIS PROJECT THAT IS FOUND TO BE DEFECTIVE, AS DIRECTED BY THE CITY INSPECTOR.
 14. A PROFESSIONAL ENGINEER, CURRENTLY LICENSED IN UTAH, SHALL INSPECT AND APPROVE ANY RETAINING WALLS THAT ARE HIGHER THAN 4 FEET, ONCE CONSTRUCTED.
 15. SETBACKS ARE DETERMINED BY LOCAL ZONING ORDINANCES.
 16. PROPERTY LINES AND SETBACKS VARY IN RELATIONSHIP TO THE STREET, SIDEWALK, ETC.
 17. VERIFY WITH BUILDING DEPT. AND / OR SURVEYOR FOR ACCURATE PLACEMENT OF STRUCTURE.
 18. SOME JURISDICTIONS REQUIRE MIN. DISTANCES BETWEEN ADJACENT STRUCTURES WHICH WILL OVERRIDE A SETBACK. VERIFY W/ LOCAL BUILDING / ZONING DEP.
 19. VERIFY ALL HEIGHT RESTRICTIONS W/ LOCAL BUILDING / ZONING DEP.

SITE PLAN
SCALE 1"=10'

arkitektur

arkitektur
7707 SOUTH MAIN STREET
MIDVALE, UT 84047
801.285.8885



STATE OF UTAH
NOLEN L. MENDENHALL
131427-9301
LICENSED ARCHITECT

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THESE DRAWINGS ARE AVAILABLE FOR LIMITED REVIEW AND EVALUATION BY CLIENTS, CONSULTANTS, CONTRACTORS, GOVERNMENTAL AGENCIES, VENDORS AND OTHER PERSONNEL ONLY IN ACCORDANCE WITH THIS NOTICE.

project: **Flamm Residence Cabin**
1088 NORTH LAKE SIDE CT
EDEN, UTAH

revisions:

Project number
Date AUGUST 1, 2019
Drawn by CWD
Engineered by MCNEIL ENG

SITE PLAN
C1.0

APPENDIX B: Common Plan Permit

Find the permit on <https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits>

APPENDIX C: Notice of Intent and Termination.

Find the Notice of Termination Form at <https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits>

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 UTRH95795
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. UTRH95795 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.

PERMIT PERIOD	Permit Start Date: 08/29/2019 Permit Expiration Date: 08/29/2020
PERMIT TYPE	Construction General Permit (CGP, this permit covers any construction project): <input type="checkbox"/> Common Plan Permit (this only covers single lot residential construction disturbing less than an acre): <input checked="" type="checkbox"/>
Is this NOI seeking continuation for previously expired permit coverage at the same site? Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	If yes, what is the number of the previous permit coverage? Permit No. UTR

I. OWNER INFORMATION

Owner Name: Kimberly Flamm Trust LLC Phone: 801-495-3414
Address: 14034 South 145 East Ste #204 Status of Owner: PRIVATE
City: DRAPER State: UT Zip: 84020
Contact Person: Bryan Flamm Phone: 801-495-3414

GENERAL CONTRACTOR: DAI Construction Phone: 801-495-3414
Address: 14034 South 145 East Status of General Contractor: PUBLIC
City: DRAPER State: UT Zip: 84020
Contact Person: Bryan Flamm Phone: 801-495-3414

II. FACILITY SITE / LOCATION INFORMATION

Name: Crimson Ridge Lot 19
Project No. (if any):
Address: 1088 Lakeside Ct. County: WEBER
City: EDEN State: UT Zip: 84310
Latitude: 41.279209 Longitude: -111.825021
Method (check one): USGS Topo Map, Scale EPA Web site GPS Other

Is the facility located in Indian Country?
Y N

III. SITE INFORMATION

Municipal Separate Storm Sewer System (MS4) Operator Name: N/A
Receiving Water Body: Pineview Reservoir guess this is known this is a guess (see <http://wq.deq.utah.gov/>)
Estimate of distance to the nearest water body? 1 miles 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. THIS SECTION IS ONLY FOR PROJECTS INVOLVED IN DEVELOPMENT OF A SUBDIVISION.

List the lots proposed for the development (please add another sheet of paper if there is not enough room to list all lots).

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 owner and the general contractor 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 June 30, 2019 – UTRH00000 expires on September 30, 2020. 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 renew the permit and 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 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 general contractor 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 look it up at <http://wq.deq.utah.gov>). (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 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 – LISTING LOTS FOR SUBDIVISIONS For the sake of tracking lots that are sold (if a developer chooses to sell lots to another party before the building construction for the lot is completed), and permitted under a different owner (which requires a different permit), developers must list lot numbers.

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

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

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

SECTION VIII – 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 IX – 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 (SWPP3) is required to be in hand before the NOI can be submitted. It is important to know SWPPP 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 SWPPP can be obtained from the Division of Water Quality's storm water construction web site.

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

APPENDIX E: Inspection Reports

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.

11. Delegation of Authority (if any)

Duly Authorized Representatives or Positions:

Company/Organization: DAI Construction

Name: Braxton Thompson

Position: Superintendent

Address: 14034 South 145 East Ste #204

City: Draper

Telephone: 801-856-4634

State: Utah Zip: 84020

Fax/Email: braxton@daiutah.com

Owner/General Contractor Signature:  Date: 8/29/19

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.

Telephone: (XXX) XXX-XXXX

State: State Zip: Zip Code

Fax/Email: (XXX) XXX-XXXX

Owner/General Contractor Signature: _____ Date: _____

APPENDIX G: BMP Specifications and Details

Label BMPs to match the sections identified in this document.

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