

Weber County Stormwater Construction Activity Permit

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

Date Submitted 11/12/18	Fees (Office Use) \$150.00	Receipt Number (Office Use)	Priority Site (Office Use) <input type="radio"/> Yes <input type="radio"/> No	Permit Number (Office Use) 2018-95
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Property Owner/Authorized Representative Contact Information	Project Information
Name of Property Owner(s)/Authorized Representative(s) Skyline Mountain Base	Project Name Nordic Vally Snowmaking Extension
Phone 801-645-7326	Project Address 3567 Nordic Vally Way
Email Address drowland@nordicvalley.ski	Eden Utah 84310
Mailing Address of Property Owner(s)/Authorized Representative(s) Skyline Mt Base P.O. Box 689 Eden, Utah 84310	Estimated Project Length (mo) 5-6 days
	Previous Permit No. (if applicable)
	Estimated Start Date ASAP
	Actual Start Date When permit issued

Submittal Checklist

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

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

- Subdivision:** The date that the applicant submits the preliminary subdivision development plat application.
- Site Plan:** The date that the applicant submits a site plan application or amended site plan.
- Building Permit:** The date that the applicant submits a building permit application if the applicant proposes to construct a building on an existing lot or parcel.
- Land Use Permit:** The date that the applicant submits a land use permit application.
- Other:** At least two (2) weeks before the developer intends to perform any type of work not listed above that would require a Storm Water Construction Activity Permit pursuant to this Chapter.

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

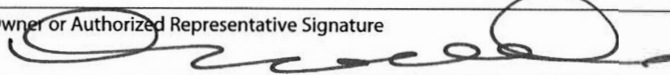
Note: A pre-construction meeting is required before performing any on-site earth work, unless waived by the county engineer.

Applicant Narrative

Please explain your request.
Extend snowmaking capabilities to the top of Nordic Vally mountain which requires a 4" HDPE pipe installed into a 4' deep trench

Authorization

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

Owner or Authorized Representative Signature 	Date 11/10/18
Signature of Approval Tucker Weight	Date 11/13/18

NORDIC VALLEY SNOWMAKING SWPP

11/11/18

Please see narrative of the project and maps.

(Storm Water Flow is downhill, see arrow on drawing)

The disturbed area for the pipe installation is 4500 sq. ft., existing vegetation will be preserved where possible, there will be wattles placed at the toe of the slope where trench is excavated plus gravel is in place at the base of the Mountain ie: entrance and exit to prevent track out of mud onto the County Road, track out will be cleaned as needed (plz. see map).The pipe will be temporarily stored at the top of the slope/trench to accommodate installation. After the trench is backfilled and compacted, a seed mix will be broadcasted on all disturbed areas.

The total time lapse from start to finish will be approximately 5-6 days. The trench will be excavated, spoils will be side casted to the northerly side of the trench, the pipe will be pulled down the trench as the trench is excavated, when the trench excavation is finished the pipe will also be in the trench and backfill can occur immediately.

Best Management Practices Will Be Used At All Times

SWPP Contact is Denzel Rowland-801 695 7326 (General Mgr. Nordic Valley)

Extension of Nordic Valley's Snowmaking Pipe to Top Of Mountain

Nordic Valley has a snowmaking system in place for several years, at least since the 1980's. The current Snowmaking system only covers the bottom portion of The Mountain. It is our proposal to extend snowmaking capabilities to the top of the mountain. This requires connecting to the existing pipe at the Mid Way point and excavating a four foot deep, 1500 foot long trench which a 4 inch High Density Poly Pipe SDR 7 will be installed. The existing pump at the bottom of the Mountain is capable of creating enough head to accomplish this ie: 1158 TDH, Vertical Turbine Sulzer Pump. There will be three hydrants that can be accessed by a portable fan gun along the pipe line, one at the top, two evenly spaced midway and one at the bottom of the slope.

Please see site plan.

33-3-1. Purpose and Intent.

The purpose of this Chapter is to prevent the discharge of sediment and other construction-related pollutants from construction sites. Sediment and debris from construction sites are a major source of pollution to waterways and water systems located within the unincorporated county and surrounding areas. Each year storm water runoff carries tons of sediment from construction sites into local drainage systems, irrigation systems, canals, rivers, and lakes. Sediment from storm water runoff also clogs and obstructs storm drains, culverts, and canals and causes damage to private property, wildlife habitat and water quality.

33-3-2. Storm Water Construction Activity Permit - When Required.

A Weber County Storm Water Construction Activity Permit is required before any person or entity may excavate, grub and clear, grade, or perform any type of construction activity that will disrupt or cause a change in the natural landscape upon any of the following types of property located within the unincorporated county:

A. Regardless of size. Any parcel, lot or land development qualifies under this subsection with construction activities which

1. disturbs more than 5000 square feet of land surface area, or
2. consist of the excavation and/or fill of more than 200 cubic yards of material, or
3. requires a building permit for which excavation or fill is a part of the construction, and less than five acres shall apply for a county permit. Activities involving five acres or more must get a permit from the State of Utah, Division of Water Quality. B. Special Concern Areas. Any parcel, lot or land development for which the county determines that because of the nature or type of the parcel, lot or development, disturbance of the land is likely to result in erosion or the transport of sediment off of the site by storm water to a degree substantially greater than that which would occur under natural landscape conditions.

33-3-3. Storm Water Construction Activity Permit - Application.

Any person or entity desiring a Storm Water Construction Activity Permit must first file an application with the Weber County Engineering Department. The application may be submitted independently, or as part of an application for a site plan, subdivision plan, or building permit approval.

D. Content. The application shall include a Storm Water Pollution Prevention Plan which meets the criteria set forth in Section 33-3-4.

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

1. Subdivision. The date that the applicant submits the preliminary subdivision development plat application.
2. Site Plan. The date that the applicant submits a site plan application or amended site plan.
3. Building Permit. The date that the applicant submits a building permit application if the applicant proposes to construct a building on an existing lot or parcel.
4. Land Use Permit. The date that the applicant submits a land use permit application.
5. Other. At least two (2) weeks before the developer intends to perform any type of work not listed above that would require a Storm Water Construction Activity Permit pursuant to this Chapter.

If an applicant's development comes under more than one of the categories listed above, then the applicant shall submit the Storm Water Construction Activity Permit Application on the earliest of the listed dates. Failure to comply with the application dates set forth above is not a criminal offense, but may delay the applicant's project. Failure to acquire a required Storm Water Construction Activity Permit is grounds for tabling a related subdivision application, site plan application, conditional use permit application, or building permit application. It is unlawful to commence work (move dirt) on a development site before obtaining a required Storm Water Construction Activity Permit. C. Fee. The applicant for a Storm Water Construction Activity Permit shall pay a fee in an

amount set by resolution of the County Commission.

D. Application Approval. The Storm Sewer Utility Manager or designee shall approve the application and grant the permit if the application is complete and meets the criteria set forth in Section 33-3-4. The Storm Sewer Utility Manager shall deny the application or approve the application with conditions if he or she determines that the measures proposed in the Plan fail to meet the criteria set forth in Section 33-3-4. Conditions the Storm Water Manager may impose in connection with the approval of a Permit include, but are not limited to, the establishment of specific measures and controls to prevent erosion and the discharge of sediment, debris and other construction-related pollutants from the site by storm water.

E. Term. Unless otherwise revoked or suspended, a Storm Water Construction Activity Permit shall be in effect for the full period of the construction activity. The construction activity will not be considered to be completed until the following events occur:

1. Subdivisions. For Permits associated with a subdivision plat approval:

a. The Permittee must complete all required subdivision improvements; and

b. One of the following three events must occur:

(1) The county issues a final certificate of occupancy for each lot in the subdivision, or

(2) Individual Storm Water Construction Activity Permits have been issued for each lot in the subdivision not having a final occupancy permit, or

(3) The property has been re-vegetated or landscaped in a manner that eliminates erosion and sediment discharge or that brings the property back to its natural state.

(4) The plan must include provision for on-site detention or coordination with regional detention.

2. Site Plans. For Permits associated with a site plan approval, the date that the Permittee has completed all required landscaping and all outside construction work associated with the site plan.

3. Building Permits. For Permits associated with a building permit application, the date that the county issues a final occupancy permit for the structure covered by the building permit.

4. Other. For Permits issued that are not tied to other approvals from the county, the date that the Permittee has completed all work associated with the Permit and takes steps required by the Permit to prevent further erosion and runoff from the site.

No Storm Water Construction Activity Permit shall be considered terminated until the Permittee submits a Notice of Termination of Construction Activity Permit ("Notice") to the county and the Notice is accepted by the county. The county shall accept the Notice if the Permittee has met the requirements of the Permit and this ordinance.

F. Amendments. In the event that the proposed construction activity for a site to which a Permit pertains is materially altered from that described in an original Plan in a way that may have a significant impact upon the effectiveness of the measures and controls described in the original Plan, the Permittee shall file an amended Storm Water Pollution Prevention Plan which meets the criteria set forth in Section 33-3-4.

33-3-4. Storm Water Pollution Prevention Plan.

A. Required Information. The Storm Water Pollution Prevention Plan (the "Plan") shall contain the following information:

1. Site Description. A site description (including a map with spot elevations and contour lines) which includes a description of the nature and location of the construction activity, a description of the intended sequence of major activities which will disturb soils for major portions of the site (e.g. grubbing, excavation, grading, utilities, and infrastructure installation, etc.), and estimates of the total area of the site and the total area of the site that is expected to be disturbed by excavation, grading, or other activities;

2. Control Description. A description of the proposed measures and controls that will be implemented during construction activity and/or while the site is not stable. The Plan must clearly describe the times during the construction process that the measures will be implemented for each major activity identified pursuant to subsection (1). The Plan shall also state the name and phone number of the person or entity responsible for implementation of each control measure.

B. Goals and Criteria. The proposed measures and controls described in the Plan shall be designed to meet the following goals and criteria:

1. Prevent or Minimize Discharge. The proposed measures and controls shall be designed to prevent or minimize, to the maximum extent practicable, the discharge of

sediment, debris and other construction-related pollutants from the construction site by storm water runoff into the storm drainage system. 2. Prevent or Minimize Construction Debris. The proposed measures and controls shall be designed to prevent or minimize, to the maximum extent practicable, the deposit, discharge, tracking by construction vehicles, or dropping of mud, sediment, debris or other potential pollutants onto public streets and rights-of-way. Any such discharge shall be cleaned up and removed immediately upon notification to the Permittee or when it otherwise comes to the attention of the Permittee. At a minimum, the deposit or discharge shall be cleaned and removed at the end of the work shift in which the deposit occurred, or at the end of the work day, whichever comes first.

3. BMPs. The proposed measures and controls shall consist of Best Management Practices (BMPs) available at the time that the Plan is submitted. BMPs may include, but shall not be limited to, temporary silt or sediment fences, sediment traps and detention ponds, gravel construction entrances and wash down pads to reduce or eliminate off-site tracking, straw bale sediment barriers, establishment of temporary grasses and permanent vegetative cover, use of straw mulch as a temporary ground cover, erosion control blankets, temporary interceptor dikes and swales, storm drain inlet protection, check dams, subsurface drains, pipe slope drains, level spreaders, rock outlet protection, reinforced soil retaining systems, and gabions.

4. Stabilization. The proposed measures and controls shall be designed to preserve existing vegetation, where possible. Disturbed portions of the site shall be stabilized. Stabilization practices may include temporary seeding, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Use of impervious surfaces for stabilization should be avoided. Stabilization measures shall be initiated as soon as practicable in disturbed portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased, except under the following circumstances:

a. If the initiation of stabilization measures by the 14th day after construction activity temporarily or permanently ceases is precluded by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable; or

b. If construction activity on a portion of the site is temporarily ceased, and earth disturbing will resume within 21 days, temporary stabilization measures need not be initiated on that portion of the site.

5. Minimize Risk of Discharge of Other Materials. The proposed measures and controls shall be employed to minimize the risk of discharge of construction-related pollutants (such as paint, thinners, solvents and other chemicals) from the construction site. Such measures may include implementation of storage practices to minimize exposure of the material to storm water as well as spill prevention and response.

33-3-5. Proper Operation and Maintenance.

The recipient of a Storm Water Construction Activity Permit (the Permittee) shall install the erosion and sediment control measures required by the approved Storm Water Pollution Prevention Plan before commencing any construction activity on the site to which the Plan applies or at such times indicated in the Plan. The erosion and sediment control measures shall be properly installed and maintained in accordance with the Permit, the manufacturers' specifications, and good engineering practices. The Permittee shall maintain such measures on the site until the county accepts the termination of the Permit pursuant to Section 33-3-3(E).

33-3-6. Inspection and Entry.

The Permittee shall allow any authorized employees and representatives of the county, representatives of the State of Utah Division of Water Quality, and representatives of the EPA, to enter the site to which a Permit applies at any time and to inspect the erosion and sediment control measures maintained by the Permittee. The Permittee shall also allow inspection of any records pertaining to the conditions of the Permit.

33-3-7. Revocation or Suspension of Storm Water Construction Activity Permit.




A. Revocation or Suspension. A Storm Water Construction Activity Permit may be revoked or suspended by the Director upon the occurrence of any one of the following events:

1. Failure of a Permittee to comply with the Plan or any condition of the Permit; or

Untitled Map

Write a description for your map.

Legend

-  Nordic Valley Ski Resort
-  South Ridge
-  Wolf Mountain






Google Earth

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Untitled Map

Write a description for your map.

- Legend**
-  Nordic Valley Ski Resort
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Temporary Storage
Storm Water Flow
1500' 4" HDPE Pipe
Waffles placed at Top of Slope

