

Vermont Agency of Natural Resources, Waste Management Division

**Construction Site Waste Reduction Plan
Lincoln Peak Village – Gadd Brook Residences (Phase IIB)
Warren, Vermont**

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*Prepared by the Summit Ventures NE, LLC
(dba Sugarbush Resort)*

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Project Location: Lincoln Peak Base Area – Lincoln Peak Village, Warren, VT

Project Description: The Project consists of the implementation of Phase IIB of the Lincoln Peak Base Area Redevelopment Project. The principal activity is the construction of the 16-unit Gadd Brook Residences, which includes underground parking, surface parking, reconfiguration of the Sugarbush Village Parking Lot and Sugarbush Village Drive, construction of site grading, the green, pedestrian steps and sidewalks, stormwater and utility infrastructure, landscaping, site lighting and signage.

Job-site Planning Worksheet

Waste Prevention Planning

The proposed construction site has been previously cleared of woody vegetation and graded such that no native surfaces are present. The Project area consists primarily of a gravel surface parking lot, driveway, and grassed slopes, with a stone-lined stormwater ditch and stormwater basin also present.

Summit Ventures NE, LLC (hereafter “the Resort”) has reduced projected waste from Project construction by pursuing a balanced cut/fill approach during site design. Excavated materials will be reincorporated as parking lot and driveway sub-base where suitable. No appreciable areas of asphalt or concrete surfaces are present that can be recycled. This Project will require the use of off-site waste and borrow areas. One off-site stockpile and staging area has been identified at the Warren House. The use of this area is subject to review and approval of a Project-specific Erosion Prevention and Sediment Control (“EPSC”) plan, which was submitted in support of the Resort’s application for

coverage under Construction Stormwater General Permit 3-9020.

Materials for new construction will be ordered to specification based on quantities shown on drawings. New construction waste will be kept to a minimum by careful control of quantities and sizes of materials ordered, and return of excess material to the supplier. Excess new materials in sizes too small to be returned will be used within the Project where practical and feasible, such as using wood cut-offs for blocking.

Education Plan

The Waste Reduction Plan will be included in all bid documents and the selected contractor(s) will demonstrate ability to comply with the Plan. The Plan will be explained at the pre-construction meeting attended by all major subcontractors. The status of the Plan will be reviewed and modifications made as necessary at the weekly job meetings. This will be the responsibility of the Project Manager. The Superintendent will be responsible for the education and daily supervision of the construction crews in terms of their compliance with the Waste Reduction Plan.

Contract specifications

The Resort's contracts with a contractor(s) will outline the construction waste responsibility and the need to minimize waste during Project construction. As contractor(s) and subcontractors are brought on board, waste reduction specifications will be incorporated into the contract(s), with language similar to:

"The Owner has established that this Project shall generate the least amount of waste possible and that processes that ensure the generation of as little waste as possible due to error, poor planning, breakage, mishandling, contamination, or other factors shall be employed. Of the inevitable waste that is generated, as many of the waste materials as economically feasible shall be reused, salvaged, or recycled, in that order of preference. Waste disposal in landfills shall be minimized."

"The subcontractor will make a good faith effort to reduce the amount of waste generated on the job-site and recycle material as per the contractor's Waste Reduction Plan. The subcontractor will follow the designated handling procedures for each type of waste generated on-site and provide documentation to verify material reuse, recycling, and disposal as indicated in the waste Reduction Plan" (Reprinted from the King County Washington, Construction Recycling Program).

The Resort will educate contractors accordingly and in turn require them to educate their subcontractors in their weekly onsite meetings.

Reuse & Recycling Worksheet

Material	Estimated Quantity	End Markets - For a listing of Vermont salvage and recycling markets check out the web site at: www.anr.state.vt.us/dec/wastediv/recycling/c&d.htm or call 802-241-3477 or 241-3481. When researching recycling options - ask the recyclers what they are doing with the wastes.	Handling/Site Management - how materials are to be removed, separated, stored and hauled for reuse or recycling.
Sample listing: <i>Cardboard</i>	<i>one 3 cy dumpster</i>	<i>Recycled thru ABC Hauling.</i>	<i>A covered cardboard dumpster will be placed next to the trash dumpster. Will call hauler when full.</i>
Salvageable Items or used building materials such as windows, doors, moldings, fixtures, bathroom fixtures, etc. (Please list items separately)	N/A	N/A	N/A
Asphalt roofing shingles	N/A	N/A	N/A
Asphalt	Minimal	Pulverized / crushed on-site to a specification suitable for use as a sub-base substitute, or recycled through a private, State-certified solid waste contractor (contractor TBD).	Segregated from other aggregate materials stored on site. If the material is not crushed, or is crushed to no legitimate specification (e.g., a high percentage of fines, or 12" + pieces), the Applicant would seek approval for disposal as fill, either on-site or off-site (e.g., "Insignificant Waste Management Event Approval").
Brick	N/A	N/A	N/A
Cardboard	10 CY	Recycled through private solid waste contractor (contractor TBD).	Covered labeled containers, or, if contractor can provide (e.g., Casella), a single bin for cardboard, clean wood, and metal will be used with sorting performed off-site and materials streamed to proper disposal accordingly.

Reuse & Recycling Worksheet – continued

Material	Estimated Quantity	End Markets - For a listing of Vermont salvage and recycling markets check out the web site at: www.anr.state.vt.us/dec/wastediv/recycling/c&d.htm or call 802-241-3477 or 241-3481.	Handling/Site Management - how materials are to be removed, separated, stored and hauled for reuse or recycling.
"Clean" Wood	Minimal	Recycled through private solid waste contractor (contractor TBD). Pulverized wood may be suitable for use as alternate daily cover.	Covered labeled containers, or, if contractor can provide (e.g., Casella), a single bin for cardboard, clean wood, and metal will be used with sorting performed off-site and materials streamed to proper disposal accordingly.
Concrete	N/A	N/A	N/A
Household Recyclables/Returnables (plastic/glass bottles, cans, paper)	5CY	Recycled through private solid waste contractor (contractor TBD).	Covered ~50 gallon totes to be strategically located on site for easy access by crews. Proceeds from collected returnable will be used periodically to buy lunches for workers on site.
Metal	5 CY	Recycled through private solid waste contractor (contractor TBD).	Placed in the Resort's existing scrap metal dumpster located behind the Sugarbush Health & Racquet Club. Alternately, if contractor can provide (e.g., Casella), a single bin for cardboard, clean wood, and metal will be used with sorting performed off-site and materials streamed to proper disposal accordingly.
Plaster/Drywall	N/A	N/A	N/A
"Treated/Painted" Wood	N/A	N/A	N/A
Soil	Minimal – organic topsoil is not extensive in the project area.	Backfilled, off-site stockpile at Warren House per approved EPSC plan, or transported to landfill for alternate daily cover.	Soil will ideally be stockpiled and backfilled after site grading is completed. Soil that cannot be backfilled will be collected in a covered dumpster for pickup and transport to a solid waste landfill.
Plantings/vegetation	N/A – only grassed surfaces will be disturbed.	N/A	N/A