

Mount Sunapee

Annual Operating Plan

2020-2021

May 15, 2020

Prepared for:

The State of New Hampshire
Department of Natural and Cultural Resources

Prepared by:

Mount Sunapee Resort

Table of Contents

INTRODUCTION	3
SECTION A RECREATIONAL ACTIVITIES AVAILABLE TO THE PUBLIC	4
SECTION B SKI LIFT OPERATIONS	12
SECTION C SNOWMAKING and GROOMING OPERATIONS	13
SECTION D SKI SUPPORT SERVICES	14
SECTION E MAINTENANCE PROCEDURES	16
SECTION F SECURITY PROCEDURES	18
SECTION G EMERGENCY OPERATING PLAN	19
SECTION H STATUS OF SPECIAL USE PERMITS and LEASES	20
SECTION I MARKETING and ADVERTISING	21
SECTION J ENVIRONMENTAL MANAGEMENT PROGRAM	22
SECTION K SIGNAGE	29
SECTION L UTILITIES and ROADS	29
SECTION M IMPLEMENTATION OF THE MASTER DEVELOPMENT PLAN	31
Improvements in the 2020-2021 Annual Operating Plan	31
Ski trail improvements	31
Chairlift improvements	31
Building improvements	32
Snowmaking System improvements	32
Infrastructure improvements	32
Other Improvements – Summer Adventure Park	32
Previously approved improvements from previous AOPs	33
APPENDIX A: 2018 AOP Map for site and location reference	34

INTRODUCTION

The *Lease and Operating Agreement* (the Agreement) originally dated April 30, 1998 between the State of New Hampshire Department of Natural and Cultural Resources (NH DNCR) and The Sunapee Difference, LLC requires that the Operator (The Sunapee Difference, LLC d/b/a Mount Sunapee Resort) present an Annual Operating Plan (AOP) to DNCR each year for the term of the Agreement.

Paragraph 5 in the *Lease and Operating Agreement* defines the Annual Operating Plan requirements as follows:

ANNUAL OPERATING PLAN

“On or before the 15th of May during each year of this Agreement, the Operator shall submit to DNCR an annual operating plan, including a schedule of the proposed days and hours of operation for the ski area, and a description of the types of recreational activities available to the public. The proposed schedule of operation shall be reviewed by DNCR and either approved as proposed, or revised for resubmission. DNCR shall notify the Operator in writing of a final schedule of operations no later than June 30th of each year. No changes in the days of operation or the scheduled hours of operation may be made without the prior approval of DNCR. The Leased Premises shall not be closed to the public except for emergency or unsafe weather conditions.

The Annual Operating Plan shall describe in detail the following operations:

- a. Types of recreational activities available to the public
- b. Ski lift operations
- c. Snowmaking and grooming operations
- d. Ski support services
- e. Maintenance procedures
- f. Security procedures
- g. Emergency operation plan
- h. Status of special use permits and leases
- i. Marketing and advertising
- j. Environmental management program
- k. Signage
- l. Utilities and roads
- m. Implementation of Master Development Plan improvements.”

In the following sections, Mount Sunapee Resort (hereafter, “Mount Sunapee”) presents its Annual Operating Plan for 2020-2021 in accordance with the requirements of the Agreement.

SECTION A RECREATIONAL ACTIVITIES AVAILABLE TO THE PUBLIC

SUMMER

The summer season at Mount Sunapee generally begins on the Saturday of Memorial Day weekend which will be May 23, 2020 and operates on weekends only until Saturday, June 20 which is the first day of 7-day-a-week operations. Daily operations typically continue through Labor Day, September 3, 2020. Weekend operations generally continue during the fall from Saturday, September 5 through Monday, October 12, 2020. This plan, including days and hours of operation and activities offered, is subject to change based on health and safety reasons, compliance with government order or for circumstances outside the resort's control. Mount Sunapee may close or restrict access to all or a portion of the leased premises for health or safety reasons, to comply with government order, or for circumstances outside Mount Sunapee's control.

Mount Sunapee operates the following summer recreational activities:

1. Canopy Zip Line Tour
2. Aerial Challenge Course
3. Mountain Bike Trails
4. Disc Golf
5. Interpretive Hiking Trails
6. Miniature Golf
7. Mining Sluice
8. Climbing Wall
9. Kids Mountain Camp
10. Archery

The summer Adventure Park activities are designed to appeal to a broad cross-section of guests with activities for all age groups, skill sets and price points.

In addition to Adventure Park, Mount Sunapee offers many summer and fall activities including:

1. League of New Hampshire Craftsmen's Fair
2. Sunapee Lions Club Car Show
3. Weddings, Receptions, Banquets & Meetings
4. Summer Specialty Dinners
5. Events and Concerts including Runs and Adventure Events
6. Summit Chairlift Rides
7. Yoga classes at the summit
8. Recreational Hiking
9. Fall Foliage Festival and Pig Roast BBQ
10. Trade Shows

CANOPY ZIP LINE TOUR

The Canopy Zip Line Tour (CZLT) is located in the woods at the South Peak area.

Participants register in the Adventure Park Welcome Center building. They are then fitted with a safety harness and helmet, and are given a safety presentation on their equipment and the course. They then ride the Clipper Ship Quad chair lift to the top of the CZLT course.

There are eight (8) different zip line stages and other features such as aerial bridges and rappels from a high tree platform to a lower tree platform. The final stage ends behind the Adventure Park Welcome Center Building with a rappel from the final aerial platform down to ground level.

A CZLT tour takes approximately two and one-half (2.5) hours to complete. The wire ropes on the first six stages in the woods are plastic coated for a quieter experience in the woods.

A full tour consists of eight (8) guests with two (2) guides. Two tours can depart per hour, on the hour and on the half-hour. This yields an hourly capacity of sixteen (16) guests and a daily capacity of ninety-six (96) guests. Guests are encouraged to make advance reservations for a specific day and time for their canopy tour experience due to the low daily capacity.

There are weight restrictions for users of the CZLT. Typically, eighty (80) pounds is the minimum weight and two hundred fifty (250) pounds is the maximum weight.

AERIAL CHALLENGE COURSE

The Aerial Challenge Course (ACC) is located in the woods at South Peak adjacent to the base terminal of the Clipper Ship Quad chair lift.

The ACC is a ropes challenge course featuring four (4) layouts of differing skill levels that progress from novice to intermediate to advanced.

The Aerial Challenge Course has a lower minimum weight restriction than the Canopy Zip Line Tour. The minimum weight of fifty (50) pounds in the ACC will allow younger children who are unable to use the CZLT to use the ACC.

The participants in the ACC wear helmets and safety harnesses at all times, and are always clipped-in on the safety wire rope. Guides are present in the ACC during all hours of operation.

MOUNTAIN BIKE TRAILS

Mount Sunapee has a network of Mountain Biking trails that appeal to families with an emphasis on intermediate trails from the summit of the South Peak area.

The Clipper Ship Quad chair lift has been fitted with special bike racks for transporting mountain bikes uphill to the start of the trail network.

Mount Sunapee built a modular “Pump Track” for younger kids in the corner of Parking Lot 1. It is located in the corner of parking lot 1 near the Adventure Park. The Pump Track features are made of wood, and stored away for winter so that the full capacity of the parking lot is available for winter operations.

DISC GOLF

An 18-hole Disc Golf Course has a layout that features holes that traverse ski trails and holes that are in the woods on the western side of the South Peak area. Disc Golf rental equipment is available in the Mount Sunapee Adventure Center.

INTERPRETIVE HIKING TRAILS

Mount Sunapee operates and assists with maintenance of a network of Interpretive Hiking Trails in collaboration with the Upper Valley Trails Alliance.

Guests may hike on the Interpretive Hiking Trails free of charge, and they can enter the walking trail network at any location by foot. Guests may choose to ride uphill on the Clipper Ship Quad chair lift and start at the top of the Interpretive Trail for a small fee.

Sections of the hiking trails that do not cross ski trails may become part of the snow shoe trail network in the winter. Hiking trails which cross ski trails will be closed in the winter.

MINIATURE GOLF

Mount Sunapee operates an 18-hole Miniature Golf course at the base of the South Peak ski trails near the Clipper Ship Quad chair lift. Landscaping for the Miniature Golf Course is perennial plants complemented by three small scale model wooden replicas of the Lake Sunapee lighthouses. Man-made snow covers the course during the ski season.

MINING SLUICE

Mount Sunapee operates a “Mining Sluice” from the Cold River Mining Company for children from age 4 to 12. The children purchase small bags of mining material and use a screen box in the water sluice to find gemstones and fossils.

The Mining Sluice is a self-contained, re-circulating water system. The water flows within the leak-proof polycarbonate plastic liner in the sluice. The sluice will collect the mining ore which is kept out of the water tank by the baffle system and is easily removed from the plastic liner.

CLIMBING WALL

Mount Sunapee operates a Climbing Wall. It is located adjacent to the Aerial Challenge Course in the South Peak ski trails area.

KIDS MOUNTAIN ADVENTURE CAMP

Mount Sunapee offers a “Kids Mountain Adventure Camp” that generally operates Monday through Friday from June 24th through August 23rd. The typical hours of operation are 8:30am to 4:00pm.

The camp is a “day camp” for children ages 5-12 years old. The Camp Director will oversee a program of age-appropriate activities for the children which will include use of the Adventure Park as well as nature programs on the mountain.

ARCHERY

A 3-D Archery Course. operates with fifteen (18) 3-D animal targets located in a secluded area in the South Peak Adventure Park. The course was laid out in accordance with guidelines published by the National Field Archery Association.

DOG POLICY

Due to the extensive public operations in the summer and winter, dogs are not permitted to run loose at Mount Sunapee. Signs are posted informing our guests of this policy.

All dogs must be leashed and the owners must clean up after their dogs. Mount Sunapee provides “Doggie Stations” with bags and disposal cans for the owners’ convenience.

DRONE POLICY

Due to safety concerns for guests, employees, and property, as well as concerns for individual privacy, the operation or use of unmanned aerial systems, or drones, is prohibited above or within the lease boundaries without written authorization. This prohibition includes drones used for recreation, filming or videotaping, as well as any drone used by media or journalists. This prohibition extends to any drones launched outside the lease boundaries that then seek to cross into lease boundaries. Mount Sunapee may operate or contract with a licensed commercial operator to use drones for operations, marketing, communications, and/or other business purposes authorized in writing by Mount Sunapee. Any authorized operation of aerial drones will comply with applicable Federal Aviation Administration, Vail Resorts and other policies and regulations.

THE FOLLOWING RECREATIONAL ACTIVITIES ARE AVAILABLE TO THE PUBLIC WITHOUT CHARGE:

Hiking – Hiking is offered on the South Peak Interpretive Hiking Trails which are maintained by Mount Sunapee. Hiking in the South Peak area is restricted to designated hiking trail only. Guests are not allowed to hike up the ski slopes or to hike on the mountain bike trails. This restriction is due to other recreational activities in progress and guest safety considerations in the South Peak area. Other designated hiking trails, such as the Summit Trail and the Lake Solitude Trail, offer hiking on trails that are part of the Sunapee-Ragged-Kearsarge Greenway and/or the Sunapee-Monadnock Greenway hiking trail network. Mount Sunapee does not operate, maintain, patrol these hiking trails and is not liable for any individual(s) using these hiking trails.

In addition to the designated hiking trail network, Mount Sunapee currently allows hiking on the ski trails in the summer and fall. Mount Sunapee reserves the right to designate specific ski trails for hiking. Mount Sunapee reserves the right to not allow hiking on ski trails at its discretion.

Walking – Without undertaking a rigorous hike to the summit (the trail is over 7,000 feet long with over 1,400 feet of vertical rise), the expansive base area of Mount Sunapee allows visitors to take extended walks around the premises and stay on relatively flat ground.

Birding – Mount Sunapee offers the avid birder an opportunity to see many bird species. With a variety of habitat including deciduous hardwoods and mixed conifers, wooded wetlands, open fields (ski slopes), streams, upland woodlands, ponds and lagoons; habitat exists for viewing many different bird species including summer residents and spring and fall migrants.

Picnics – Picnic tables and grills are available along Beck Brook in the South Peak area for use by the general public. Mount Sunapee encourages a “carry-in, carry-out” approach for personal trash.

Restrooms – The restrooms in the Adventure Center building are open during summer operational hours.

The Sunapee Lodge facilities may not be open to the general public depending upon operating schedules and private event schedules.

Parking – Free parking is available for visitors to use the grounds for the above activities.

Hunting and Trapping – Mount Sunapee reserves the right to prohibit all hunting and all shooting activities of any type within the lease boundaries.

MOUNT SUNAPEE ALSO OPERATES THE FOLLOWING FEE BASED RECREATIONAL ACTIVITIES IN THE SUMMER AND FALL

Summit Sky Rides – Mount Sunapee will offer scenic chair lift rides to the summit on the Sunapee Express chair lift on selected summer weekends and selected fall foliage weekends. The lift may also operate during certain special events. A lift ticket is required to ride the chair lift. A general schedule for summit sky rides is outlined, below.

Summit Sky Rides schedule:

Early Summer Weekends	May 23 – June 14	10:00am – 3:00pm
Summer daily operations:	June 20 – Aug 23	10:00am - 3:00pm
Fall weekends	Aug 29 - October 12	10:00am - 3:00pm
Special events & functions	Dates as booked	Times as scheduled

Note: Chair lift operations and outdoor activities may be suspended or closed due to severe weather such as high winds, heavy fog, rain, thunderstorms, or other unforeseen circumstances which would prevent operations such as maintenance and/or repair.

Food & Beverage Services – Food and beverage services may operate in the Sunapee Lodge, the Spruce Lodge, the Summit Lodge and the Adventure Park Welcome Center during the summer for Adventure Park operations and for other special events and banquets and receptions as scheduled.

Summer Dinners – Mount Sunapee may offer themed evening dinners in either the Summit Lodge or the Sunapee Lodge during the summer and fall. These dinners are usually by reservation only, and guests ride the Sunapee Express Quad chair lift uphill to the Summit Lodge for the dinners. The dinners are typically themed dinners such as Lobster Bakes and Family Fun Nights.

Retail Ski Shop – The retail shop in the Sunapee Lodge may operate in the summer and fall to provide accessories, light apparel and ski season closeout sales.

Outdoor Concerts – Mount Sunapee may offer outdoor concerts in the late afternoon or early evening hours during the summer and fall. An admission fee may be charged for these concerts.

Banquets & Receptions – Facilities are available at Mount Sunapee’s discretion for catered private functions such as banquets, receptions, reunions, and special events during the non-ski season. Wedding receptions and banquets are booked for most weekends. Fees are charged for the building rental, for food and beverage and other services rendered.

Note: During private functions any Base Lodge(s) and/or the Summit Lodge may be closed to the general public.

Shows, Fairs and Events – Several shows, fairs and events may be scheduled at Mount Sunapee including, but not limited to, the following events and their tentative dates:

- | | |
|--|---------------------|
| 1.) Sunapee Lions Club / Antique Car Show | June 20, 2020 |
| 2.) League of New Hampshire Craftsmen's Fair | August 1-9, 2020 |
| 3.) October Fall Foliage Pig Roast Weekend | October 10-11, 2020 |

WINTER

ALPINE SKIING & SNOWBOARDING

The principal winter recreational activity at Mount Sunapee is alpine skiing and snowboarding, and the ancillary services associated with alpine ski area operations.

Ancillary services include, but are not limited to, the ski school, children's ski school, childcare, ski and snowboard rental and repair shop, ski retail shops, food and beverage operations, alpine ski racing and freestyle skiing programs.

All users of Mount Sunapee's chair lifts are required to purchase either a daily lift ticket or a season pass in order to use the ski lifts or the ski slopes.

Mount Sunapee offers downhill skiing and snowboarding on a variety of ski slopes and trails for all ability levels and interests. Areas not designated on the Mount Sunapee Trail Map are not patrolled or maintained by Mount Sunapee.

Mount Sunapee also offers several terrain parks that contain jumps, rails, and snow features for all ability levels of snowboarders and skiers.

Uphill Access

Mount Sunapee has an "Uphill Travel Policy" which can be found on the Mountain Safety Page of the Mount Sunapee Website (https://www.mountsunapee.com/the-mountain/more-options/mountain-safety.aspx?tc_1=3).

Approved Sliding Devices

Mount Sunapee welcomes the use of sliding devices within parameters outlined on the Mount Sunapee website. The safety of our guests is of the utmost importance and therefore certain devices are prohibited due to safety of the user or guests around them.

Snowmobiles

Snowmobiles are not allowed on Mount Sunapee except by Mount Sunapee maintenance and operations personnel using snowmobiles owned and maintained by Mount Sunapee. Snowmobile operation by the general public is strictly forbidden at all times.

WINTER OPERATING SCHEDULE

Mount Sunapee is generally open for alpine skiing and snowboarding seven days a week from the opening day of the ski season until the closing day of the ski season unless severe weather conditions or other circumstances force the mountain to be temporarily closed.

With favorable temperatures for early season snowmaking, Mount Sunapee plans to open for the 2020-2021 winter season on November 26, 2020, and plans to remain open through Sunday, April 4, 2021, weather permitting. Operating hours for the ski lifts during the ski season are generally from 9:00am to 4:00pm midweek, and from 8:00am to 4:00pm on weekends and midweek holidays. Lodges generally open one hour prior to the opening of the lifts each day. This plan, including days and hours of operation and activities offered, is subject to change based on health and safety reasons, compliance with government order or for circumstances outside the resort's control. Mount Sunapee may close or restrict access to all or a portion of the leased premises for health or safety reasons, to comply with government order, or for circumstances outside Mount Sunapee's control. As a publicly traded company, Vail Resorts does not publicly disclose year-over-year visitation by individual mountains. Public filings can be found at <http://investors.vailresorts.com/sec-filings>.

Skier Visit information is provided to the State of New Hampshire per the requirements of the lease.

Special events are held throughout the ski season including popular late season events such as the SpringFest concert, Slush Cup and Cardboard Sled Race in March and April.

Après-ski entertainment is offered in Goosefeathers Pub on weekends and holidays. Goosefeathers Pub is open from 11:00am to 6:00pm, or earlier or later for functions.

SNOWSHOE TRAILS

In addition to skiing and snowboarding, designated snowshoe trails are available to the public.

The snowshoe trails are dependent upon natural snowfall and are not groomed or maintained. Users of the snowshoe trails assume all risk and personal responsibility for usage of the trails.

A lift ticket is not required to use the snowshoe trails and there is no fee for using the snowshoe trails. Snowshoe rentals are available in the Mount Sunapee Ski Rental Shop.

Snowshoeing is not permitted on any ski slopes or trails at any time unless specifically approved by Mount Sunapee.

NEHSA

The New England Healing Sports Association (NEHSA) is based at Mount Sunapee, and operates its adaptive ski instruction and skiing assistance programs for adaptive skiers beginning in early December and continuing into late March or early April.

NEHSA is an independent organization with a lease agreement with the Department of Resources and Economic Development.

SECTION B SKI LIFT OPERATIONS

Mount Sunapee operates aerial chair lifts and surface lifts for winter alpine skiing and snowboarding in accordance with the American National Standards Institute (ANSI) – B77.1 National Code for Aerial Tramways, and the State of New Hampshire Department of Safety: Tramway Division – Rules and Regulations.

Supervision of lift operations and lift maintenance at Mount Sunapee is performed by, full-time year-round personnel. Mount Sunapee currently operates six (6) aerial chair lifts and four (4) surface lifts.

Aerial chair lifts	Speed / design capacity	Manufacturer	Installation
1. Sunapee Express	1,100 fpm / 2,650 pph	Poma of America	1998
2. Sun Bowl Express	1,000 fpm / 2,400 pph	Poma of America	2014
3. Clipper Ship Quad	425 fpm / 2,200 pph	Poma of America	2000
4. North Peak Triple	450 fpm / 1,800 pph	Doppelmayr USA	1987
5. Spruce Triple	425 fpm / 1,800 pph	Doppelmayr USA	1985

Surface lifts:

1. Piggy Back Tow		Borer	1994
2. Rope Tow (in storage since 2016-17)		SunKid	1996
3. Little Carpet – 90’ moving carpet		SunKid	2000
4. Flying Carpet – 340’ moving carpet		SunKid	2002
5. Middle Carpet – 130’ moving carpet		SunKid	2010

Scheduled hours of operation for ski lifts:

Weekends and Holidays	8:00am – 4:00pm
Weekdays	9:00am – 4:00pm

Notes:

- 1.) Chair lift operations may be extended to 4:30pm on peak weekend days to alleviate traffic congestion by spreading out the exit time frame.
- 2.) Chair lift operations may begin prior to the regularly scheduled hours for private functions, alpine ski race course setting or other reasons.
- 3.) Adverse weather conditions, i.e., high winds, icing conditions, thunderstorms, etc. may affect chair lift operating schedules including delays and/or closures.
- 4.) Not all lifts are scheduled to operate seven days per week.
- 5.) SunKid moving carpets lifts were previously known as Bruckschlogl Lifts.

SECTION C SNOWMAKING and GROOMING OPERATIONS

SNOWMAKING OPERATIONS

Snowmaking operations are scheduled to begin in mid-to-late November 2020 or as soon thereafter as sufficiently cold temperatures occur for productive snowmaking to begin. Snowmaking operations are planned for November for Mount Sunapee to meet its goal of opening for the Thanksgiving weekend each year.

Snowmaking usually begins with nighttime operations in November and expands into around-the-clock snowmaking operations as temperatures become sufficiently cold during the day to rapidly expand snow coverage on the ski trails.

Snowmaking operations take place during the months of November, December, January, February and March.

GROOMING OPERATIONS

Snow grooming operations begin immediately after the start of snowmaking operations and prior to the opening day of the ski season. Grooming operations generally continue on a daily basis until the last day of the ski season.

Most ski trails are generally groomed every night although adverse weather conditions may affect grooming schedules. Some trails, i.e., ski trails with moguls such as Upper Flying Goose and Lift Line, and certain natural snow trails may not be groomed nightly or may not be groomed at all. Some advanced level ski trails (which are normally groomed) may not be groomed when natural snowfall allows for “powder” skiing days.

Snow grooming operations are generally performed between 4:30pm and 8:00am (during non-skiing hours) or on closed trails when grooming operations are necessary during the operating day.

SECTION D SKI SUPPORT SERVICES

- 1.) **SKI SCHOOL** – Mount Sunapee offers a full-service ski school operating daily from opening day until approximately April 1st when it closes for the season. The ski school is staffed by many PSIA-certified directors, supervisors and instructors offering instruction to skiers and snowboarders of all ages and abilities including young children. Special package programs provide both the beginner and the experienced skier or snowboarder with lessons, rental equipment, and a lift ticket. Package prices will vary depending upon the type and number of lessons. Guests may select a group lesson, a specialty clinic or a private lesson.
- 2.) **RENTAL AND REPAIR SHOP** – The ski and snowboard rental shop offers a large selection of current snowboards, shaped skis and snowshoe rentals. The ski rental shop is open every day that Mount Sunapee is open for skiing and riding. Mount Sunapee maintains a current inventory of rental equipment.
- 3.) **SKI PATROL** – The Mount Sunapee Ski Patrol consists of a paid, full-time, Professional core of supervisors and patrollers supplemented by paid part-time weekend patrollers, and part-time weekend volunteer patrollers. Ski Patrol members must meet, as a minimum, the Outdoor Emergency Care (OEC) requirements as administered by the National Ski Patrol Association. The OEC certification is the equivalent of a basic EMT certification.
- 4.) **RETAIL SKI SHOPS** – Mount Sunapee operates retail ski shops in both the Sunapee Lodge and the Spruce Lodge. The Sunapee Lodge Ski Shop offers the latest ski and snowboard apparel in addition to accessory items. The Sunapee Lodge Ski Shop is generally open whenever the Sunapee Lodge is open during winter operations. The Spruce Lodge Ski Shop has reduced hours during early season and late season.
- 5.) **FOOD & BEVERAGE SERVICES** – Most culinary operations are operated by Mount Sunapee management and staff, and are not usually contracted to outside vendors (except for the Waffle Cabin). Food and Beverage (F&B) services are located in the Sunapee Lodge, the Spruce Lodge, Goosefeathers Pub, and the Summit Lodge. Food & Beverage services generally operate seven days a week during the ski season from the opening day through the closing day of each season. In the early and late season only one lodge with F&B may be open based upon business volumes.

Mount Sunapee usually does not permit guests to use outside food caterers to serve food or provide their own catering services in any of our licensed food establishments.

- 6.) **ENTERTAINMENT** – During the winter ski season, après-ski entertainment is offered on weekends and holidays in the Goosefeathers Pub in the Spruce Lodge. Beer, wine and spirits are served in Goosefeathers Pub to adults ages 21 and older.
- 7.) **ALPINE RACING PROGRAM** – Competitive training programs for youths, ages 5-19, offer season long instruction in alpine ski racing, freestyle skiing and snowboarding.
- 8.) **PARKING OPERATIONS** – Parking operations at Mount Sunapee utilize part-time seasonal attendants.

- 9.) **SHUTTLE SERVICES** – Mount Sunapee operates shuttle buses to give courtesy rides to skiers from Parking Lot 3 and the State Park Beach area to the two base area lodges. Also, trucks with open air, passenger-standing shuttle bodies transport skiers from the Spruce Lodge area and the Spruce Lodge Ski Rental shop to the South Peak novice slopes and the Sunapee Lodge.

WAFFLE CABIN – During the winter months, Mount Sunapee has contracted with “Waffle Cabin” for a ten foot by fourteen foot cabin located on the snow near the Sunapee Lodge. The “Waffle Cabin” is a temporary building that serves hot, fresh, Belgian-style waffles dipped in chocolate.

Mount Sunapee does not allow any independent operators, agents, groups or individuals to provide services for hire on the Mount Sunapee Resort premises without written approval or contractual agreements from Mount Sunapee Resort management. This includes, but is not limited to, independent ski instructors, race coaches, photographers, food vendors, rental companies, ski tuners, transportation services, retailers, real estate agents, fundraisers, etc.

SECTION E MAINTENANCE PROCEDURES

Maintenance operations are generally divided into five (5) departments to supervise and perform the required maintenance tasks at Mount Sunapee. Even though these specific departments exist, due to Mount Sunapee's small size there is considerable teamwork and cooperation working together among the maintenance departments.

Groundwater Discharge Permit (GWP-198704058-N0064):

- The Mount Sunapee Resort has a Groundwater Discharge Permit (GWP-198704058-N-006) for the unlined lagoons and spray irrigation site. Disposal of the treated wastewater on site is via infiltration from unlined lagoons and spray irrigation.
- The most recent permit was issued June 13, 2018 and is valid until June 12, 2023.
- The facility operators prepare operating reports and perform groundwater sampling pursuant to the permit.

Wastewater Lagoon/Sprayfield System Status - The system operates under NHDES wastewater treatment and disposal requirements and standards.

Buildings and Grounds – The maintenance of the buildings and lodges at Mount Sunapee is under the supervision of a full-time year-round Facilities Manager who performs regular inspections of all facilities. Custodial and cleaning operations are performed daily. Building repairs and maintenance work is performed as needed. Maintenance of the dams is the responsibility of the Buildings and Grounds Supervisor. Summer lawn mowing in the base area is under the supervision of the Buildings & Grounds Supervisor.

Security – All lodges and buildings are equipped with door locks which are locked each night after operations. The rental shop and both retail locations are equipped with motion and door sensors connected to an alarm monitoring service. All lodges are equipped with fire detection systems connected to a monitoring service.

Vehicle Maintenance – The Vehicle Maintenance Supervisor is responsible for the service and maintenance of all vehicles at Mount Sunapee. Daily and/or weekly inspections are performed, and repair work is performed as needed. The track vehicle fleet including snow grooming vehicles and construction equipment is also maintained under the direction of the Vehicle Maintenance Supervisor.

Lift Maintenance – The Lift Maintenance Supervisor and Mountain Manager are responsible for the maintenance of the six (6) chair lifts and four (4) surface lifts.

Service and maintenance is performed on each lift during the off-season in accordance with the Lift Manufacturers' Service Manuals and by ANSI B77.1 code.

Prior to operating lifts for the winter ski season or for the summer season, each lift is inspected by the NH Tramway Division and by representatives from our insurance carrier.

During the operating season, chair lifts are inspected daily and are ridden by Mount Sunapee maintenance staff to observe the alignment of the sheave trains and haul rope.

Trail Maintenance – Ski trail maintenance is performed during the ski season and the off-season under the direction of the Mountain Manager, the Ski Patrol Director and the Grooming Supervisor. In-season trail maintenance work generally includes snow grooming operations and slope safety inspections.

Off-season work includes erosion control, water bar repairs, seeding and mulching, trimming sapling growth along ski trail edges and mowing the ski trails.

Snowmaking Maintenance – Snowmaking maintenance during the ski season and the off-season is under the supervision of the Snowmaking Supervisor and the Mountain Manager.

SECTION F SECURITY PROCEDURES

Mount Sunapee maintains a staffing schedule to provide a general presence and surveillance of the facilities during the winter ski season, the summer season and during the off-seasons.

Mount Sunapee works closely with the Newbury Police Department to maintain a presence at Mount Sunapee during selected events. The Newbury Police Department also provides random drive through patrols of the premises.

Mount Sunapee has installed security cameras inside and outside of our base lodges and maintenance buildings to provide surveillance of the premises, internally and externally. Additional security cameras have been added recently to enhance our security efforts.

Mount Sunapee's security priorities are specified under the following headings:

Safety of our Guests – Mount Sunapee endeavors to provide a safe, secure and enjoyable environment for our guests and our staff. Operating procedures, project planning and staffing are performed in a manner to minimize threatening situations such as physical harm or theft of personal property, or any other forms of endangerment to our guests.

Prevention of Theft of Equipment – Operational policies and staffing schedules are done so as to minimize theft of equipment and other personal items.

Prevention of Vandalism – A security program utilizing Mount Sunapee staff members, surveillance cameras and building security alarms and motion detectors safeguard the buildings against off-hours vandalism and theft.

SECTION G EMERGENCY OPERATING PLAN

The Emergency Action Plan for Mount Sunapee consists of plans for dealing with emergency events at the ski resort. In the event that an emergency situation requires the involvement of an outside agency, i.e., Local Police, State Police, Fire Department, Fish & Game Department, the General Manager and the appropriate Mount Sunapee managers and employees will assist the outside agency in responding to the emergency situation.

While the plan is designed to be flexible and applicable to all major emergencies, the following procedures should be followed:

- Local Fire and Police Departments will be notified about any unusual situations at Mount Sunapee. There may be times when a call will be made to an outside agency to make them aware of a situation although not requiring their immediate assistance.
- The following Mount Sunapee management team members will be contacted: General Manager, Base Operations Senior Manager, and Mountain Operations Director, as required by the nature of the emergency situation.
- The Emergency Command Post will be located in the administrative office unless otherwise designated.
- Mount Sunapee management has had several planning meetings with emergency management officials from the Town of Newbury in developing the Emergency Action Plan. The Town of Newbury, DNCR and DES have copies of the plan.

SECTION H STATUS of SPECIAL USE PERMITS and LEASES

Mount Sunapee currently has three (3) Special Use Permits from the New Hampshire Department of Natural and Cultural Resources (DNCR), and certain operating agreements and contracts with outside vendors and third parties as detailed below:

SPECIAL USE PERMITS:

- 1.) Special Use Permit for use of the Sun Bowl access road**
Purpose of Permit: Provide access to the base of the Sun Bowl area
Period of Use: June 1, 2019 to May 31, 2021
- 2.) Special Use Permit for parking use of the State Beach parking lot in winter**
Purpose of Permit: Staff parking and overflow parking for the resort
Period of Use: June 1, 2019 to May 31, 2021
- 3.) Special Use Permit for Mountain Bike Trail on Bowl Road**
Purpose of Permit: Mountain Bike Trail on Bowl Road
Period of Use: June 1, 2019 to May 31, 2021

LEASES, CONTRACTS and AGREEMENTS

1.) **League of New Hampshire Craftsmen** – The League of NH Craftsmen has an annual contract / lease agreement with Mount Sunapee to operate the annual Craftsmen’s fair each summer. The Craftsmen’s Fair always opens on the first Saturday in August and runs for nine (9) consecutive days.

Fair set-up activities on the grounds of Mount Sunapee generally begin during the third week of July to prepare for the Fair opening in early August. This year, The Craftsmen’s Fair is scheduled for August 1, 2020 through August 09, 2020

Mount Sunapee may enter into two-week contracts with specialty food vendors during the Craftsmen’s Fair to provide different cuisine offerings during the Fair.

2.) **New England Healing Sports Association (NEHSA)** – Mount Sunapee has an operating agreement and a liability agreement with NEHSA.

3.) **On-Mountain Photography** – Mount Sunapee may enter into an annual contract and lease agreement with a service provider / concessionaire for space to operate a photography service at Mount Sunapee Resort during the winter ski season.

4.) **Resort Real Estate Sales** – Mount Sunapee may enter into an annual contract and lease agreement with an outside company to provide real estate marketing, sales, rentals or reservation services at Mount Sunapee Resort.

5.) **Waffle Cabin** – Mount Sunapee signed a three-year contract with “Waffle Cabin” for a ten foot (10’) by fourteen foot (14’) cabin to be located on the snow near the Sunapee Lodge during the winter months. The cabin is classified as a temporary structure, not a building.

The “Waffle Cabin” primarily serves hot, fresh, Belgian style waffles dipped in chocolate.

SECTION I MARKETING and ADVERTISING

Mount Sunapee's marketing, advertising and sales are under the direction of a full-time year-round Marketing Manager. The Marketing Manager is responsible for branding and positioning Mount Sunapee in the ski industry.

MARKETING

Mount Sunapee is positioned as "where family traditions take flight" with emphasis on providing excellent guest services and excellent learn-to-ski programs.

ADVERTISING

Mount Sunapee may develop and produce collateral pieces and brochures including a group sales planner, a trail map, a ski school brochure, a magazine and other collateral materials. Mount Sunapee may use newspaper, internet, radio, television and billboard advertising media to promote skiing, snowboarding and summer recreational activities at Mount Sunapee.

SALES

In addition to the Marketing manager, Mount Sunapee has a full-time year-round Sales Manager to book group business during the ski season and the off-season months.

PROMOTIONS & EVENTS

Mount Sunapee schedules promotions and events throughout the ski season.

TICKET PROGRAMS

Mount Sunapee offers many diverse ticket programs and packages including season passes, daily lift tickets, multi-day lift tickets, learn-to-ski packages, group sales programs, corporate ticket programs and special promotional ticket programs.

SECTION J ENVIRONMENTAL MANAGEMENT PROGRAM

Mount Sunapee presented its Environmental Management Plan as a required part of its Five-Year Master Development Plans. In this Annual Operating Plan, the areas of the Environmental Management Program that are discussed below are relative to the major resources utilized at Mount Sunapee or to the improvements planned in the current Annual Operating Plan for this summer.

A.) WATER USAGE AND CONSERVATION

Snowmaking – Snowmaking water withdrawals are relatively consistent over the years, and have averaged 150 million gallons for the past five years and 150.5 million gallons for the past 10 years.

Water conservation – Annual water conservation measures (such as low flush toilets) have been effective in reducing wastewater levels in the lagoons.

Mount. Sunapee Resort is required to report water use data, to the NHDES Water Use Registration and Reporting Program (WURR). Currently Mount Sunapee Resort reports water use data for snowmaking (WUID #20411), as well as domestic usage and wastewater treatment (WUID #21008). Questions about WURR should be directed to Stacey Herbold at (603) 271-6685 or at stacey.herbold@des.nh.gov.

B.) SEPTAGE/SLUDGE MANAGEMENT

Mount Sunapee operates a lagoon and spray field waste treatment system under the rules and regulations of the NH - Department of Environmental Services.

Septic tanks are generally pumped (septage) two (2) times per year by a licensed NH hauler to a sewage treatment plant. The tanks are usually pumped prior to the ski season, and once during the ski season.

Wastewater from the septic tanks flows to the lagoon system for secondary treatment, and is then pumped to a spray irrigation field in the woods above the lagoons for final polishing (tertiary treatment) in the soil column.

C.) DRAINAGE, EROSION AND WATER QUALITY ISSUES

Mount Sunapee utilizes the New Hampshire Stormwater Manuals – volumes 1-3, published in December 2008, for guidance in managing storm water run-off, soil stabilization and erosion control practices.

Erosion control buffers, swales, stone check dams and level spreaders are in place to reduce the velocity of storm water run-off and maintain water quality.

In mid-April, sand from winter sanding operations is cleaned up by a machine designed for sweeping up sand from the parking lots and roadways. This spring clean-up prevents very fine sand particles from being washed into the brooks flowing from Mount Sunapee during spring rains and run-off.

Mount Sunapee also uses best management practices in its maintenance operations to maintain the water quality in the streams flowing from the mountain.

In the vehicle maintenance shop, all wash water from the floor drains goes into two separation chambers, a solids separator and an oils separator, before being piped into the waste water lagoons. The separation chambers are pumped annually by licensed professional firms to ensure proper disposal.

D.) SOLID WASTE MANAGEMENT

Purchasing discretion is used to reduce solid waste by avoiding or minimizing the use of certain packaging such as Styrofoam and other products to minimize waste.

Mount Sunapee currently recycles glass bottles, light bulbs, and plastic containers, cardboard, paper, aluminum cans, scrap metals, waste oils and kitchen oils.

E.) TRAFFIC CONGESTION MITIGATION

Mount Sunapee used the State Beach for overflow parking one (1) times during the 2019-2020 ski season.

The overflow parking days generally coincide with peak holiday weekends of the winter season: December 29-31; January 19-20; and, February 16-18.

Mount Sunapee works with the Town of Newbury Chief of Police on anticipated peak traffic days during the winter season.

F.) FORESTRY MANAGEMENT

The forested lands within the Mount Sunapee lease are not actively managed for timber harvesting or silviculture.

G.) WETLANDS IMPACTS

Wetlands at Mount Sunapee are regulated by Local, State and Federal rules.

H.) WILDLIFE HABITAT PRESERVATION

Per 2015 NH Fish and Game Department mapping, the capital improvements and maintenance projects proposed in the current Annual Operating Plan would not affect any critical wildlife habitat areas.

I.) SCENIC AND AESTHETIC QUALITIES

The Annual Operating Plan for 2020-2021 preserves the scenic and aesthetic qualities of Mount Sunapee by maintaining the general character of the area with its summer recreational activities, and by maintaining the facilities for the alpine skiing experience in winter recreational activities.

J.) RARE PLANT RESOURCES

“Mount Sunapee will protect the bog twayblade population by mowing the ski trail after mid-August to allow time for flowering and seed dispersal.

The NH Natural Heritage Bureau (NHB) has also identified a population of a plant called greater fringed-gentian (*Gentianopsis crinite*) which was discovered in 2015 at the base of Jet Stream ski slope. This state-threatened plant is most likely dependent on the management of the ski run on maintaining habitat. The gentian blooms on late summer and produces seed in the fall, mowing in the area where the gentian occurs will be done in late October to allow for seed production.

Mount Sunapee will protect the greater fringed gentian population by mowing the specific areas where it exists after October 15 to allow time for flowering and seed dispersal.

A potential threat to the greater fringed gentian is an aggressive plant called brown knapweed (*Centaurea jacea*). A dense population of this non-native herb was identified at the same site and it aggressively grows in open areas. This species should be monitored by DNCR as a potential threat to the persistence of the greater fringed gentian.

The work proposed in this Annual Operating Plan would not affect either of these plants populations.”

K.) ARCHAEOLOGICAL / HISTORICAL RESOURCES

A previously unknown burial site from the 1700s has been located in the woods to the east of the South Peak ski slopes. The site is protected in an undeveloped area.

L.) ENERGY CONSERVATION and MANAGEMENT

a.) Spruce Lodge boiler replaced

In the summer of 2013, Mount Sunapee replaced the original 1962 boiler in the Spruce Lodge with two smaller boilers, operating in a two-stage system. The new boilers are propane fired.

The two-stage dual boiler system has resulted in greater energy savings due to the first stage operating when the load demand is less than 50%. The second stage kicks in when the load demand is greater than 50%.

b.) Fuel Storage

In the November of 2011, Mount Sunapee replaced both of the underground, single-wall fuel storage tanks at the Service Shop. A new double-walled, 12,000 gallon tank with an internal partition was installed. A Veeder-Root fuel monitoring and alarm system was installed to monitor both partitions of the tank.

All underground fuel storage tanks at Mount Sunapee are double-wall tanks.

Underground Petroleum Storage Tanks (UST)/Aboveground Petroleum Storage Tanks (AST): There is a current Spill Prevention, Control and Countermeasures (SPCC) Plan on file at NHDES.

Aboveground Storage Tank (AST) facility number = #0000801

SPCC Plan: The current SPCC Plan is current. The next update is required in August 2022

Underground Storage Tank (UST) facility number = #0111060

Class A & B operators have been certified and listed formally with NHDES.

c.) Electrical Energy Efficiencies

Mount Sunapee has completed the replacement of older fluorescent lighting ballasts with newer, energy efficient ballasts throughout the physical plant in both public and non-public buildings. All new construction has energy efficient fluorescent lighting installed during construction.

M.) STORMWATER POLLUTION PREVENTION PLAN

Mount Sunapee employs a number of industry best practice techniques for storm water pollution prevention measures.

Wetland/Alteration of Terrain Impacts:

Since few ground altering projects are forecast between 2020 and 2021, no jurisdictional wetland impacts are expected. The Alteration of Terrain Bureau offered no additional comments for this AOP.

Drainage, Erosion and Water Quality:

Staff from the NHDES Watershed Assistance Section has been in contact with the Mount Sunapee Resort concerning the development of a sub-watershed management plan for Beck Brook in the Lake Sunapee watershed. Due to lack of funding and other factors, that planning process is on an ongoing status as of June 2020.

N.) AIR QUALITY

Mount Sunapee holds a “General State Permit,” # GSP-EG-0427, for the operation of the four emergency evacuation engines used in its chair lifts.

O.) HAZARDOUS WASTE MANAGEMENT

Mount Sunapee’s EPA ID is NHD510009988. Typically Mount Sunapee remains in “inactive status” however may need to activate as a Small Quantity Generator to dispose of off specification oil, paint, or waste fuel.

List of Best Management Practices (BMPs)

Best Management Practices (BMPs) are generally considered to be specific practices that are used to minimize or prevent pollutants from having negative impacts upon groundwater and surface water resources such as ponds, lakes, rivers, streams, wetlands, and estuaries. Many structural and non-structural BMPs are associated with stormwater runoff abatement and treatment.

Below is a list of manuals and publications that are utilized by Mount Sunapee Resort to establish its BMPs.

1. New Hampshire DOT Guidelines for Temporary Erosion and Sediment Control and Stormwater Management.
2. NH Stormwater Management Manual, Volume 1: Stormwater and Antidegradation.
3. NH Stormwater Management Manual, Volume 2: Post-construction Best Management Practices Selection and Design.
4. NH Stormwater Management Manual, Volume 3: Erosion and Sediment Controls during Construction.
5. NH-DES Best Management Practices for NH Solid Waste Facilities
6. NH-DES Best Management Practices for Groundwater Protection

Examples of Best Management Practices at Mount Sunapee:

- It is a Best Management Practice to use a sand/salt mixture for sanding roads and parking lots in the winter and to be stored in an enclosed three-sided building with a concrete floor. It is Best Management Practice to pick up spillage during unloading or loading operations. It is scooped up and returned to the sand pile inside the enclosed building.
- Sand from winter sanding operations in Parking Lot 1, Parking Lot 2 and at the State Beach is swept up each April by a sweeper truck to help minimize silt runoff.
- It is a Best Management Practice in the Vehicle Maintenance Shop, that all wash water enters floor drains goes through two separation chambers, a solids separator and an oils separator, before being piped into the waste water lagoons. The separation chambers are pumped twice annually by professional firms that are licensed for the disposal of such refuse.
- It is a Best Management Practice in the Vehicle Maintenance Shop and in the Service Shop, that all oils, lubricants and solvents are stored indoors year-round.
- It is a Best Management Practice that all parts washing basins that are solvent based are internally re-circulating fluid devices with no solvents released from within the closed system.
- It is a Best Management Practice that procedures are in place advising maintenance staff about the proper use and storage of all solvents, chemicals and oils.

- It is a Best Management Practice that fuel storage tanks have electronic monitoring systems and are manually monitored by Mount Sunapee staff.
- It is a Best Management Practice to have any vehicle or piece of equipment that shows any sign of a fluid leak be immediately removed from service and the leak is repaired.
- It is a Best Management Practice to have waste oils and fluids such as anti-freeze stored indoors in 55 gallon drums until picked up by licensed professional firms for proper disposal.
 - There are two 275 gallon outside waste oil tanks. These tanks are not filled outdoors, but have inlet pipes coming from inside the Maintenance Shop. Waste oils and fluids are disposed of when the designated container is 80 percent full.
- It is a Best Management Practice that Mount Sunapee has emergency spill containment kits at all buildings and has developed spill response procedures. Staff are trained in the procedures to immediately deal with spills. Each building has its own dedicated yellow 55-gallon emergency spill containment kit.
 - The emergency spill kits consist of booms to encircle and contain the spill zone and absorbent material designed specifically to absorb the spilled fluid. After clean up, the contaminated materials used in the clean-up are placed in the 55-gallon container, and the container is picked up by a professional firm licensed for the proper disposal of such refuse.
- It is a Best Management Practice to have all paints and solvents be stored indoors. Empty containers are picked up by a professional firm licensed for proper disposal each fall following the summer maintenance season.
- It is a Best Management Practice to have all used tires and used batteries to be stored indoors for brief periods of time until picked up by licensed professional firms for proper disposal.
- It is a Best Management Practice to have all agricultural products used for erosion control such as hay, seed and fertilizer be stored indoors year-round.
- It is a Best Management Practice to use very few pesticides at Mount Sunapee and those that are used are stored indoors and are used according to the label instructions for approved uses. Mount Sunapee typically uses professional firms to spray building eaves annually for cluster flies and other pests.
- It is a Best Management Practice to have erosion control silt fencing and staked hay bales used around the perimeter of any disturbed areas of soil during construction and/or maintenance operations.
- It is a Best Management Practice to have drainage ditches use stone check dams to reduce the velocity of storm water run-off and to create sediment settling areas. It is a Best Practice that we check these dams regularly to clean and maintain them.

- It is a Best Management Practice to have Level spreaders and swales used to reduce storm water run-off and to create sediment settling areas. It is a Best Practice that we regularly clean and maintain them.
- It is a Best Management Practice to have regular mowing done on the berms and sides of the dams of the waste water lagoons to prevent sapling root growth into the banks of the dams.
- It is a Best Management Practice to promote a wide enough, vegetated buffer that allows for saplings, bushes, and other understory species to mature and shade the stream. It is a more effective buffer filtering pollutants and provide some degree of habitat along the margins of the developed landscape. Wider and more diverse buffers also attenuate flood flows far better than mowed, monoculture of grass along the tops of the streambanks.
- It is a Best Management Practice to have brush chipped with a wood chipper rather than burned.
- It is a Best Management Practice to have glass bottles and plastic bottles separated in the solid waste stream and placed in a recycling dumpster.
- Recycling boxes are purchased to ship burned out fluorescent light bulbs back to proper disposal / recycling facilities.
- It is a Best Management Practice to have metal waste collected in a waste metal dumpster for recycling.
- It is a Best Management Practice to have waste cooking oil from culinary operations collected and picked up monthly for recycling by a 3rd party.
- It is a Best Management Practice to have all cardboard waste separated into its own dumpster for recycling.
- It is a Best Management Practice to have water conservation measures include replacing standard flush valves with auto sensor valves on toilets and faucets.
- It is a Best Management Practice to Safety Data Sheets (SDS) maintained for all chemicals used at Mount Sunapee, and all staff receives orientation training on the availability of SDS information.
- It is a Best Management Practice that the two dams on site are inspected on a daily basis during the summer months by Mount Sunapee personnel and weekly during the rest of the year. The dams are inspected for deficiencies that would need to be corrected immediately including sloughing of the slope, alignment of the embankment, settlement of the crest, sinkholes, animal burrows, seepage, tree and brush growth, and inadequate vegetative cover.

SECTION K SIGNAGE

Mount Sunapee believes that high quality, effective signage is important and continues to maintain and upgrade its resort signage each year. Our signs are designed to be informational, simple and consistent in design.

Mount Sunapee will continue its upgrades of the resort's signage to provide better information and directions for traffic and skier flow around the resort.

Signage for the Summer Recreational Program has been developed and placed in appropriate locations and we will continue to improve upon our signage in both winter and summer operations.

Winter of 2019-2020 Mount Sunapee added a sign on the summit that said "Mount Sunapee" and included the elevation. The NH State Parks Logo was also included on the sign. This sign was frequented by guests to take photos to remember their trip to the Mount Sunapee State Park.

Mount Sunapee will be emphasizing the relationship that we have with the NH State Parks System and where appropriate on our signage will be including the NH State Parks Logo Mount Sunapee will also be including the NH State Parks logo in our brochure and trail map. Mount Sunapee is proud of its partnership with the state park system.

SECTION L UTILITIES and ROADS

This section provides information on the parking areas, internal work roads, walkways, water supply and distribution, sewage disposal, electrical systems and telephone systems at Mount Sunapee.

- Phone System and Computer Systems– Phone and computer systems are installed for business operations in all facilities
- Deep Well – Well testing was performed in 1999 to determine the capacity of the primary source of potable water for Mount Sunapee. The well has significant water capacity that will meet the needs of Mount Sunapee for the foreseeable future.
- Electrical Transformers – Mount Sunapee has its electrical transformers checked annually by TSI, Inc. for maintenance needs and to assure their operational reliability.
- Parking Areas – All parking lots receive annual maintenance in the form of snow removal, trash clean up, and sand removal in the spring and drainage maintenance.
- Sewage Disposal – Engineering consultation with Hoyle-Tanner Associates continues for monitoring the wastewater inflows into the lagoons and for assuring that the capability of the lagoons is adequate for Mount Sunapee's needs.

Mount Sunapee's Groundwater Discharge Permit, GWP-198704058-N-005, renewal application was submitted on May 11, 2018.

Mount Sunapee Sewage Lagoon Dam, Newbury NH

NH Dam#: D168017

Latitude: 43.3361, Longitude: -72.0769, located adjacent to Mt Sunapee access road.

NHDES inspects every four years

Last inspected 09/18/2017, next scheduled inspection by NHDES will occur in 2021

Inspection showed the dam to be well maintained and in good condition with the exception of some minor brush on the slopes that needed to be removed.

Mount Sunapee Parking Detention Pond Dam, Newbury NH

NH Dam#: D168020

Latitude: 43.3367, Longitude: -72.0730, located adjacent to Mt Sunapee ski area parking lot.

NHDES inspects as necessary

Last inspected 11/6/2015

Typical dam safety maintenance items to check for that may require repair with these types of dams are:

- Sloughing of the slope
- Alignment of the embankment
- Settlement of the crest
- Sinkholes
- Animal burrows
- Seepage
- Tree and brush growth
- Vegetative cover

Drinking Water and Groundwater:

The NHDES Drinking Water and Groundwater Bureau reviewed its database for the public water systems that service Mount Sunapee Ski Resort (PWS 2277030 and PWS 2237040) in response to the review of this 2020-2021 Annual Operating Plan

According to the NHDES database, the principal water system (PWS 2277030); the one that serves the main lodge, is served by a single well that has a yield of 70 gallons per minute, and a pressurized storage tank having a capacity of 1,500 gallons. This yield can support between 3,500 and 4,000 persons-per-day using the "NHDES book value" water consumption rules (Env-Wq 1008.03). The resort already directs the water system operator to obtain and record regular water meter readings to gauge actual water consumption from both systems through the Water Use and Registration and Reporting Program. This will determine whether or when the Resort's incremental expansions will eventually require an additional source. For transient, non-community water systems, there is no predetermined interval for which pump testing of the well is required.

SECTION M IMPLEMENTATION of the MASTER DEVELOPMENT PLAN (MDP)

Mount Sunapee's first Five-Year Master Development Plan (MDP) 2000-2004 was presented to the NH Department of Resources and Economic Development (DRED) on January 25, 2000, and described capital improvement plans for the next five years.

Mount Sunapee's second Five-Year MDP 2005-2009 was presented on June 1, 2004, and described capital improvement plans for Mount Sunapee for the next five to ten years.

Mount Sunapee's third Five-Year MDP 2009-2014 was presented on June 1, 2009, and described capital improvement plans for Mount Sunapee for the next five to ten years.

Mount Sunapee's fourth Five-Year MDP 2015-2019 was presented on June 1, 2014, and described capital improvement plans for Mount Sunapee for the next five to ten years.

Mount Sunapee submitted its revised 2016-2020 MDP to DRED on December 1, 2015, and is describes capital improvement plans for the years 2016-2020.

This Annual Operating Plan 2020-2021 describes the MDP capital improvement plans proposed for Mount Sunapee during the spring and summer of 2020.

In the summer of 2020, new capital projects and capital maintenance projects are estimated to cost approximately \$600,000 if pursued. All projects are capital maintenance projects with no new major capital projects planned.

All of the capital maintenance spending planned for the summer of 2020 will be to maintain or expand the existing facilities, equipment and inventories at Mount Sunapee.

Some capital improvement projects planned for Mount Sunapee have been presented and approved by the DRED in Mount Sunapee's previous Annual Operating Plans, but have not been started yet Previously presented Annual Operating Projects that have not been pursued will be carried over into future Annual Operating Plans.

Improvements Included in the 2020-2021 Annual Operating Plan:

1.) SKI TRAIL IMPROVEMENTS

- Maintenance projects.

2.) CHAIRLIFT IMPROVEMENTS

- Maintenance projects.

3.) BUILDING IMPROVEMENTS

- Maintenance projects, including roof work on the Sunapee and Spruce Lodges
Painting and touch up work of Summit lodge, Spruce Lodge and Sunapee lodge

4.) SNOWMAKING SYSTEM IMPROVEMENTS

- Snowmaking system maintenance projects replacement of snowmaking pipe and valve work

5.) INFRASTRUCTURE IMPROVEMENTS

- Maintenance projects.

6.) OTHER IMPROVEMENTS – Summer Adventure Park projects

- a. Bike Park trail maintenance

Projects approved by the NH-Department of Resources and Economic Development in previous Annual Operating Plans:

SKI TRAIL IMPROVEMENTS

- b. Construction of a new ski trail to the west of the Upper Ridge trail.
- c. Widen a section of Billy Goat trail (renamed Pipeline).
- d. Construct a new ski trail from the summit of North Peak to the base of the Sunbowl area.

CHAIRLIFT IMPROVEMENTS

- e. Install a new chairlift from the base of the Sunbowl area to the summit of North Peak.

SNOWMAKING IMPROVEMENTS

- f. Add snowmaking capability to new ski trails when constructed.
- g. Replace the existing South Peak snowmaking system on all trails.
- h. Install snowmaking on the new ski trail from the summit of North Peak to the base of the Sunbowl area.

INFRASTRUCTURE IMPROVEMENTS

- i. Construct a new gravel Parking Lot #4 along the Access Road.
- j. Expand the spray fields for the septic system.

(Note: None of the above previously approved projects will be undertaken in the summer of 2020 at Mount Sunapee Resort.)

