

B. SKI TERRAIN

The existing ski terrain at Vail is comprised of 193 named trails, including maintained and groomed ski trails and open bowls. Additionally Vail provides a variety of named and unnamed tree skiing areas, glades and chutes. An inventory of all skiable terrain reveals that there is a total of approximately 5,571 acres of lift-served skiable terrain at Vail.

The formalized ski trail network accommodates the entire range of skier ability levels from beginner to expert although there is a lack of extremely steep terrain. Many skiers access the East Vail Chutes beyond the ski area permit to satisfy their desire for extreme terrain. Overall, the trail layout is well conceived, in terms of minimal cross-traffic, lack of skier traffic bottlenecks, and provision of a logical and free-flowing skier circulation.

Table 3-2 outlines the terrain that constitutes Vail's formal ski trail network.

**TABLE 3-2:
TERRAIN SPECIFICATIONS – EXISTING CONDITIONS**

Trail Name	Top Elev.	Bottom Elev.	Vert Drop	Horiz. Length	Slope Length	Avg Width	Area	Avg. Grade	Max Grade	Ability Level
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
02 Avanti Lower	9,824	9,315	510.0	2,845	2,890.3	367	24.3	18%	34%	Low Intermediate
02 Avanti Upper	10,750	10,083	667.3	2,784	2,862.9	368	24.2	23%	36%	Intermediate
02 Avanti-Cookshack	10,083	9,824	258.2	654	703.1	221	3.6	37%	47%	Advanced Intermediate
02 Berries	10,585	10,120	465.7	2,125	2,175.1	208	10.4	21%	38%	Intermediate
02 Berries Catwalk	10,624	10,579	45.4	599	601.2	44	0.6	8%	13%	Novice
02 Berries-Cookshack	10,120	9,746	373.4	1,268	1,321.7	204	6.2	28%	48%	Advanced Intermediate
02 Chair 2 Lift Line	10,067	9,739	327.2	1,267	1,308.6	98	2.9	25%	44%	Intermediate
02 Chaos Canyon	9,850	9,667	182.9	1,920	1,928.7	40	1.8	9%	20%	Novice
02 Cold Feet	10,088	9,992	95.8	793	798.7	41	0.8	12%	21%	Novice
02 Cookshack	10,169	9,879	290.6	775	828.0	149	2.8	35%	50%	Advanced Intermediate
02 Lodgepole	10,537	9,307	1,229.5	5,646	5,778.3	226	30.0	21%	37%	Intermediate
02 Mid-Vail Express	10,760	10,169	590.5	2,611	2,677.0	315	19.3	22%	35%	Intermediate
02 Overeasy	10,567	10,237	330.1	1,764	1,794.3	238	9.8	18%	31%	Low Intermediate
02 Pickeroon	10,710	10,111	598.7	2,584	2,652.0	279	17.0	23%	40%	Intermediate
02 Pickeroon Lower	9,790	9,700	90.1	696	701.8	240	3.9	13%	17%	Novice
02 Pickeroon-Cookshack	10,111	9,790	321.4	869	926.4	215	4.6	35%	50%	Advanced Intermediate
02 Ricochet	9,890	9,745	145.0	500	520.6	236	2.8	28%	33%	Low Intermediate
03 Challenge	10,659	10,297	361.2	1,224	1,276.3	426	12.5	28%	56%	Expert
03 Eagles Nest Ridge	10,990	10,330	660.0	6,579	6,612.1	209	31.8	10%	21%	Novice
03 Hunky Dory	10,980	10,469	510.8	2,019	2,082.8	505	24.1	25%	46%	Advanced Intermediate
03 Kangaroo Cornice	10,840	10,640	200.0	624	655.3	736	11.1	31%	46%	Advanced Intermediate
03 Lookma	10,526	10,180	345.7	988	1,046.3	395	9.5	33%	70%	Expert

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Trail Name	Top Elev.	Bottom Elev.	Vert Drop	Horiz. Length	Slope Length	Avg Width	Area	Avg. Grade	Max Grade	Ability Level
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
03 South Lookma	10,443	10,170	273.1	1,182	1,213.1	392	10.9	23%	54%	Advanced Intermediate
03 The Meadows	10,768	10,156	612.1	3,920	3,967.9	324	29.5	15%	31%	Low Intermediate
04 Cappuccino	10,897	10,484	413.1	1,371	1,431.9	164	5.4	29%	37%	Intermediate
04 Christmas	10,801	10,160	641.8	2,596	2,674.3	24	1.5	24%	34%	Low Intermediate
04 Espresso	10,944	10,305	639.1	2,104	2,199.1	169	8.5	29%	42%	Intermediate
04 Mountain Top Lift Line	11,078	10,398	679.9	1,960	2,075.0	157	7.5	33%	73%	Expert
04 Powerline Glade	11,202	10,731	470.2	2,047	2,100.8	438	21.1	22%	31%	Glade
04 Powerline Trees	10,830	10,425	405.0	933	1,017.1	360	8.4	40%	65%	Glade
04 Ramshorn	11,238	10,461	777.0	3,332	3,421.6	269	21.1	23%	43%	Intermediate
04 Ramshorn Glade	11,126	10,726	400.2	1,717	1,763.1	200	8.1	23%	44%	Glade
04 Swingsville	10,908	10,237	671.7	2,513	2,601.5	262	15.6	26%	37%	Intermediate
04 Swingsville Ridge	11,250	10,791	459.3	3,228	3,260.2	173	13.0	14%	24%	Novice
04 The Skipper	10,912	10,600	311.4	1,067	1,111.3	123	3.2	28%	59%	Expert
04 Whistle Pig	11,028	10,739	289.0	925	969.4	146	3.2	30%	41%	Intermediate
04 Windows Road	11,163	10,901	262.3	2,534	2,547.8	113	6.6	10%	20%	Novice
04 Zot	11,173	10,372	801.3	2,689	2,805.6	170	10.9	29%	63%	Expert
05 Apres Trees East	10,245	9,810	435.0	402	592.3	415	5.6	73%	80%	Glade
05 Apres Trees West	10,245	9,810	435.0	759	874.8	703	14.1	50%	80%	Glade
05 Apres Vous	10,570	9,750	820.0	1,646	1,838.9	1,236	52.2	45%	54%	Exp Bowl
05 Campbell's	10,954	10,127	826.5	1,935	2,104.1	257	12.4	39%	51%	Exp Bowl
05 Chicken Yard	10,571	9,753	817.4	1,648	1,839.3	358	15.1	44%	70%	Exp Bowl
05 Cow's Face	10,718	10,025	692.4	1,507	1,658.6	318	12.1	42%	50%	Exp Bowl
05 Forever	11,081	9,670	1,411.2	3,528	3,799.9	1,369	119.4	37%	53%	Exp Bowl
05 Headwall	11,085	10,904	181.9	3,308	3,313.3	1,055	80.3	5%	11%	Exp Bowl
05 High Noon	11,172	10,886	285.7	1,543	1,568.8	264	9.5	18%	46%	Exp Bowl
05 Ho Chi Min Trail	11,090	11,090	0.0	3,200	3,200.0	101	7.4	0%	5%	Intermediate
05 Milt's Face	11,070	10,244	826.0	2,132	2,286.7	580	30.4	36%	50%	Exp Bowl
05 Morning Side Ridge	10,943	9,993	950.2	2,143	2,344.6	459	24.7	41%	56%	Exp Bowl
05 Never	10,359	9,646	713.1	1,546	1,702.5	714	27.9	42%	66%	Exp Bowl
05 OS	10,350	9,563	787.3	2,567	2,685.1	1,309	80.7	29%	76%	Glade
05 Ptarmigan Cornice	11,005	10,835	169.8	461	490.9	1,550	17.5	35%	47%	Glade
05 Ptarmigan Ridge	10,739	10,373	366.8	2,325	2,353.3	727	39.3	16%	38%	Intermediate
05 Ricky's Ridge	10,878	9,935	942.7	2,535	2,704.8	872	54.1	35%	55%	Exp Bowl
05 Sama's	9,910	9,550	360.0	760	841.0	625	12.1	43%	47%	Glade
05 Seldom	10,588	9,747	840.5	2,651	2,780.9	807	51.5	30%	74%	Exp Bowl
05 Straight Shot	10,943	10,030	913.3	2,194	2,376.9	669	36.5	38%	53%	Exp Bowl
05 Sun Up Catwalk	10,138	9,402	736.0	4,836	4,892.1	116	13.0	15%	25%	Exp Bowl
05 Sundown Catwalk	9,992	9,394	597.8	3,471	3,522.0	130	10.5	17%	24%	Exp Bowl
05 The Slot	11,110	10,138	971.5	3,077	3,226.9	356	26.4	30%	42%	Exp Bowl
05 Turkey Yard	10,130	9,430	700.0	1,141	1,338.6	394	12.1	52%	75%	Glade

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	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
05 Widge's Ridge	10,757	10,059	697.9	1,892	2,016.2	616	28.5	35%	48%	Exp Bowl
05 Windows	10,934	10,110	824.0	1,942	2,109.9	1,002	48.5	39%	74%	Exp Bowl
05 Windows Trees	11,110	10,550	560.0	3,713	3,755.0	288	24.8	15%	65%	Glade
05 Wow	11,201	9,762	1,439.3	3,713	3,982.2	748	68.3	36%	54%	Exp Bowl
06 Aspen Alley	8,811	8,631	180.6	757	777.8	57	1.0	23%	39%	Intermediate
06 Brisk Walk	9,279	8,770	509.4	6,760	6,779.6	50	7.7	8%	21%	Novice
06 Chair 6 Lift Line	9,399	9,243	156.3	759	774.6	992	17.6	20%	30%	Low Intermediate
06 Follow Me Road	9,059	8,944	115.0	1,568	1,572.2	30	1.1	7%	11%	Beginner
06 Golden Peak Race	9,351	8,300	1,051.3	3,970	4,107.0	41	3.9	26%	49%	Advanced Intermediate
06 Grand Junction Catwalk	9,399	9,273	126.1	2,368	2,371.4	35	1.9	5%	10%	Beginner
06 Mule Skinner	9,177	8,947	229.3	1,133	1,156.3	145	3.8	20%	28%	Low Intermediate
06 Pony Express	9,240	9,008	232.5	1,168	1,191.2	61	1.7	20%	41%	Intermediate
06 Ruder's Route	9,399	8,233	1,166.5	5,125	5,256.2	420	50.7	22%	33%	Low Intermediate
06 Whippersnapper	9,399	8,842	556.8	2,589	2,648.0	130	7.9	21%	36%	Intermediate
06 Windish Way	8,401	8,344	57.2	764	765.7	79	1.4	7%	11%	Beginner
07 Baccarat	10,439	10,216	223.1	787	818.1	206	3.9	27%	44%	Intermediate
07 Dealer's Choice	10,562	9,837	724.3	2,577	2,676.4	324	19.9	27%	40%	Intermediate
07 Dueces Wild	10,880	10,301	579.5	1,634	1,733.7	653	26.0	33%	50%	Advanced Intermediate
07 Faro	10,755	10,189	566.4	1,475	1,580.0	568	20.6	36%	56%	Expert
07 Faro Glade	10,716	10,110	606.1	1,670	1,776.7	698	28.5	34%	54%	Glade
07 Game Trail	10,323	9,970	352.8	3,888	3,904.0	28	2.5	9%	12%	Beginner
07 Lost Boy	10,983	9,803	1,180.1	7,421	7,514.7	179	30.9	16%	34%	Low Intermediate
07 Ouzo	10,690	9,943	747.3	2,009	2,143.1	250	12.3	35%	56%	Expert
07 Ouzo Glade	10,652	9,887	765.0	2,096	2,231.1	1,205	61.7	34%	61%	Glade
07 Showboat	10,973	9,855	1,118.4	4,303	4,446.0	240	24.5	25%	47%	Advanced Intermediate
07 The Woods	10,840	10,000	840.0	2,498	2,635.5	221	13.4	32%	50%	Advanced Intermediate
07 Wild Card	10,891	9,803	1,087.8	4,083	4,225.0	299	29.0	26%	50%	Advanced Intermediate
08 Bwana Loop	8,695	8,505	189.9	1,781	1,791.5	37	1.5	11%	14%	Novice
08 Cheetah	8,950	8,650	300.0	1,587	1,615.1	41	1.5	19%	22%	Novice
08 Cheetah Gully	9,170	8,300	870.0	2,824	2,955.0	459	31.2	29%	64%	Glade
08 Lionshead Catwalk	8,485	8,335	150.1	2,698	2,701.7	59	3.7	6%	15%	Novice
08 Old 9 Lift Line	9,610	9,090	520.0	1,334	1,431.8	159	5.2	36%	54%	Advanced Intermediate
08 Old Midway Catwalk	9,050	9,000	50.0	667	668.9	33	0.5	7%	11%	Beginner
08 The Preserve	9,287	8,329	957.5	3,593	3,718.5	199	17.0	26%	47%	Intermediate
09 Columbine	9,957	9,338	618.8	3,031	3,093.5	16	1.1	20%	41%	Intermediate

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Trail Name	Top Elev.	Bottom Elev.	Vert Drop	Horiz. Length	Slope Length	Avg Width	Area	Avg. Grade	Max Grade	Ability Level
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
09 Coyote Crossing	10,220	10,050	170.0	1,550	1,559.3	35	1.3	11%	12%	Beginner
09 Ledges Lower	9,599	9,171	427.6	1,181	1,256.0	839	24.2	34%	48%	Advanced Intermediate
09 Ledges Upper	10,467	9,599	867.8	4,283	4,370.0	3	0.3	20%	40%	Intermediate
09 Minni Ha Ha	9,834	9,659	175.5	850	867.6	259	5.2	20%	27%	Low Intermediate
09 Minnie's Cutoff	9,825	9,727	97.7	863	869.0	922	18.4	11%	19%	Novice
09 Minnie's Mile Lower	9,642	9,103	539.2	1,594	1,682.8	149	5.8	32%	53%	Advanced Intermediate
09 Minnie's Mile Upper	9,927	9,642	284.6	1,871	1,892.2	35	1.5	15%	31%	Low Intermediate
09 Minnie's Mile Upper Face	10,209	9,927	281.9	895	938.6	318	6.8	30%	45%	Intermediate
09 Practice Pkwy	10,210	9,880	329.6	3,475	3,490.6	50	4.0	9%	14%	Novice
10 Blue Ox	10,959	9,565	1,394.8	4,982	5,173.4	158	18.8	27%	49%	Advanced Intermediate
10 Ch 10 Access	11,052	11,027	24.1	1,038	1,038.3	80	1.9	2%	7%	Beginner
10 Choker Cutoff	9,738	9,565	172.7	1,816	1,824.2	82	3.4	9%	14%	Novice
10 Highline	11,022	9,273	1,749.4	6,813	7,034.0	188	30.4	25%	59%	Expert
10 Klickity Klack	9,607	9,355	252.0	626	674.4	157	2.4	37%	45%	Advanced Intermediate
10 Log Chute	9,630	9,297	333.2	774	842.7	164	3.2	40%	48%	Advanced Intermediate
10 Roger's Glade	10,156	9,672	483.9	2,080	2,135.9	286	14.0	23%	47%	Glade
10 Roger's Run	10,692	9,727	964.5	3,183	3,326.3	151	11.6	29%	51%	Advanced Intermediate
11 First Step	11,069	10,632	436.4	1,713	1,767.8	313	12.7	25%	55%	Expert
11 Flapjack	11,022	9,720	1,301.9	7,139	7,256.4	245	40.8	18%	35%	Intermediate
11 Gandy Dancer	10,986	10,007	979.4	3,269	3,412.9	247	19.4	29%	50%	Advanced Intermediate
11 Hairbag Alley	10,510	9,785	725.0	3,110	3,193.4	89	6.5	23%	43%	Glade
11 Lift Line	10,372	9,742	629.0	2,028	2,123.7	64	3.1	30%	42%	Glade
11 North Rim	11,143	10,870	272.7	686	738.2	315	5.3	37%	72%	Expert
11 Northface Catwalk	9,706	9,150	556.1	5,100	5,130.2	38	4.5	11%	17%	Novice
11 Northstar	10,219	9,793	425.5	1,825	1,874.3	457	19.6	23%	49%	Advanced Intermediate
11 Northwoods	10,977	10,333	643.6	2,014	2,114.6	391	19.0	30%	47%	Advanced Intermediate
11 Prima Cornice	10,781	9,977	803.6	1,716	1,895.1	247	10.7	42%	86%	Glade
11 Prima Lower	9,510	9,129	381.0	1,213	1,270.9	301	8.8	30%	40%	Intermediate
11 Prima Upper	10,791	9,510	1,280.7	3,414	3,645.8	282	23.6	35%	59%	Expert
11 Pronto	10,000	9,729	271.1	694	745.2	164	2.8	36%	55%	Expert
11 Riva Glade	10,757	9,980	776.6	2,262	2,391.5	320	17.6	32%	50%	Glade
11 Riva Ridge Lower	9,382	8,240	1,142.6	6,295	6,397.4	149	21.9	18%	40%	Intermediate

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	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
11 Riva Ridge Upper	10,777	9,686	1,090.4	3,640	3,800.1	210	18.3	29%	50%	Advanced Intermediate
11 Skid Road	9,667	9,280	386.9	4,124	4,142.1	50	4.8	9%	12%	Beginner
11 Smokey's	10,770	10,150	620.0	1,955	2,051.0	406	19.1	30%	80%	Glade
11 Snag Park	10,914	10,402	511.1	2,052	2,115.1	325	15.8	24%	44%	Intermediate
11 Snag Park Lower	10,840	10,525	315.0	1,593	1,623.8	1,200	44.7	19%	39%	Glade
11 Snag Park Upper	11,050	10,840	210.0	671	703.1	2,131	34.4	30%	65%	Glade
11 South Rim	11,236	10,645	591.0	2,016	2,100.7	198	9.5	28%	63%	Expert
11 Timberline Catwalk	11,245	10,720	524.6	5,588	5,612.6	35	4.5	9%	14%	Novice
11 Timberline Face	11,235	11,100	135.0	531	547.9	314	4.0	25%	39%	Intermediate
11 Tourist Trap	9,685	9,380	305.0	666	732.5	364	6.1	42%	58%	Expert
11 Transmontane	9,964	9,708	256.8	4,018	4,026.2	35	3.2	6%	9%	Beginner
12 Gopher Hill	8,369	8,238	131.9	1,031	1,039.0	336	8.0	13%	18%	Novice
14 Boomer	11,218	10,720	498.0	2,474	2,523.5	271	15.7	20%	35%	Intermediate
14 Sourdough	11,230	10,762	468.1	2,062	2,114.6	283	13.8	22%	34%	Low Intermediate
14 Tin Pants	11,207	10,799	408.3	2,637	2,668.4	201	12.3	15%	22%	Novice
14 Tin Pants Catwalk	11,023	10,971	51.3	680	681.6	38	0.6	8%	10%	Beginner
14 Whiskey Jack	11,239	10,735	504.3	2,594	2,642.8	182	11.1	19%	35%	Low Intermediate
14 Whiskey Jack Catwalk	11,230	10,917	312.6	3,093	3,108.5	35	2.5	10%	14%	Novice
15 Teaching Area	10,335	10,223	112.2	928	934.8	652	14.0	12%	17%	Novice
16 Bear Tree	8,962	8,341	620.9	2,541	2,615.3	290	17.4	24%	40%	Intermediate
16 Compromise	9,595	9,390	205.0	938	960.1	46	1.0	21%	21%	Novice
16 Front Side Chutes	9,200	8,600	600.0	1,717	1,818.8	817	34.1	33%	70%	Glade
16 Giant Steps	9,337	8,210	1,127.2	3,808	3,971.5	299	27.3	28%	56%	Expert
16 Gitalong Road	10,152	8,364	1,788.6	21,990	22,062.6	61	30.8	8%	18%	Novice
16 Hairbag Alley Lower	9,685	9,300	385.0	1,476	1,525.4	73	2.6	25%	42%	Glade
16 Head First	8,449	8,211	237.6	504	557.2	322	4.1	43%	62%	Expert
16 International	9,338	8,196	1,142.4	3,640	3,815.4	235	20.6	30%	60%	Expert
16 Lionsway Cutoff	9,070	9,000	70.0	311	318.8	118	0.9	22%	23%	Novice
16 Lower Lionsway	9,335	9,040	295.0	1,967	1,989.0	78	3.5	15%	17%	Novice
16 Mid-Vail Milling Area	10,174	10,155	19.1	463	463.4	265	2.8	4%	12%	Beginner
16 Mill Creek Road	8,760	8,568	191.8	2,834	2,840.5	31	2.0	7%	14%	Novice
16 Mud Slide Chutes	9,430	8,700	730.0	1,407	1,585.1	1,474	53.6	46%	70%	Glade
16 Pump House Chutes	9,770	8,850	920.0	2,845	2,990.1	601	41.2	31%	65%	Glade
16 Spruce Face	10,103	9,867	236.0	929	958.1	273	6.0	25%	32%	Low Intermediate
16 Upper Lionsway	10,140	9,800	340.0	3,434	3,450.8	63	5.0	10%	12%	Beginner
16 Vail Village Catwalk	8,465	8,241	223.9	2,553	2,562.8	38	2.2	9%	16%	Novice

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	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
16 Villages Catwalk	8,685	8,525	159.8	1,521	1,529.4	40	1.4	10%	18%	Novice
16 Vista Bahn Line Upper	10,200	10,000	200.0	735	761.7	87	1.5	26%	30%	Low Intermediate
17 Over Yonder	10,529	10,009	519.3	1,547	1,631.8	1,093	40.9	32%	40%	Intermediate
17 Way Over Yonder	10,423	9,718	705.1	1,779	1,913.6	1,629	71.6	37%	59%	Glade
17 Yonder	11,218	10,050	1,168.0	4,311	4,466.4	1,029	105.5	26%	48%	Advanced Intermediate
17 Yonder Gully	11,091	10,165	925.6	2,926	3,068.9	401	28.2	30%	53%	Advanced Intermediate
19 Born Free	10,283	8,130	2,152.9	10,003	10,232.5	264	62.1	21%	46%	Advanced Intermediate
19 Gondola Lift Line	9,920	9,569	351.6	1,734	1,769.1	144	5.8	20%	38%	Intermediate
19 Post Road	9,713	8,946	766.9	8,455	8,489.7	30	5.9	9%	25%	Novice
19 Simba Face	8,955	8,672	283.0	640	699.9	396	6.4	40%	57%	Expert
19 Simba Lower	8,672	8,279	393.0	1,768	1,811.6	231	9.6	22%	37%	Low Intermediate
19 Simba Racer	10,291	10,003	287.9	920	964.1	197	4.4	30%	44%	Intermediate
19 Simba Upper	10,326	8,955	1,370.6	6,746	6,883.7	286	45.2	20%	36%	Low Intermediate
20 Cascade Way	8,493	8,060	432.5	3,213	3,242.0	41	3.0	13%	24%	Novice
21 Bolshoi Ballroom	11,166	10,186	979.8	3,496	3,630.7	625	52.1	27%	49%	Advanced Intermediate
21 China Bowl Egress	10,277	9,820	456.9	3,860	3,886.9	268	23.9	12%	30%	Intermediate
21 China Wall	11,440	11,250	190.0	596	625.6	1,080	15.5	30%	60%	Exp Bowl
21 Chopstix	11,343	10,668	674.3	2,783	2,863.5	733	48.2	24%	32%	Intermediate
21 Dragon's Teeth	11,221	10,524	697.3	2,291	2,394.8	851	46.8	29%	65%	Exp Bowl
21 Genghis Khan	11,117	10,222	894.3	1,855	2,059.3	646	30.6	43%	61%	Exp Bowl
21 Gorky Park	11,248	10,751	496.4	1,305	1,396.1	1,018	32.6	36%	53%	Exp Bowl
21 Jade Glade	11,230	10,473	756.4	1,727	1,885.4	918	39.7	40%	55%	Exp Bowl
21 Orient Express	11,019	10,054	965.1	1,985	2,207.2	1,344	68.1	44%	72%	Exp Bowl
21 Poppyfields East	11,350	10,251	1,098.9	4,688	4,814.7	735	81.3	23%	33%	Low Intermediate
21 Poppyfields West	11,219	10,277	941.9	3,790	3,905.5	639	57.3	24%	41%	Intermediate
21 Rasputin's Revenge	11,066	10,129	936.5	2,391	2,568.0	500	29.5	36%	58%	Exp Bowl
21 Red Square	11,121	10,448	673.2	1,742	1,867.7	729	31.3	36%	53%	Exp Bowl
21 Shangri-La	11,265	10,032	1,232.7	5,039	5,187.8	1,267	150.9	24%	45%	Intermediate
21 Shangri-La Glades	10,826	9,878	947.9	3,190	3,327.5	816	62.3	28%	44%	Intermediate
21 Shangri-la Glades E	10,620	9,898	722.6	2,196	2,312.0	474	25.2	31%	58%	Glade
21 Silk Road	10,455	9,788	666.7	8,227	8,254.2	148	28.0	8%	20%	Low Intermediate
21 Sleepy Time	11,085	9,520	1,565.0	16,452	16,526.3	30	11.4	9%	20%	Low Intermediate
21 to Two Elk	11,375	11,200	175.0	2,793	2,798.5	114	7.3	6%	15%	Low Intermediate
21 West Wall	10,900	9,900	1,000.2	3,023	3,184.4	1,271	92.9	31%	58%	Exp Bowl
22 Inner Mongolia Bowl	11,495	10,226	1,269.1	3,664	3,877.6	2,187	194.6	33%	58%	Advanced Intermediate
22 Outer Mongolia Bowl	11,380	10,348	1,031.8	3,863	3,998.0	2,596	238.3	26%	50%	Advanced Intermediate

**TABLE 3-2:
TERRAIN SPECIFICATIONS – EXISTING CONDITIONS**

Trail Name	Top Elev.	Bottom Elev.	Vert Drop	Horiz. Length	Slope Length	Avg Width	Area	Avg. Grade	Max Grade	Ability Level
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
22 Upper Mongolia Bowl	11,492	11,201	291.7	1,065	1,104.2	3,816	96.7	26%	40%	Advanced Intermediate
26 Bwama-Simba Collector	9,770	9,735	35.0	395	396.5	172	1.6	9%	12%	Beginner
26 Bwana	10,043	8,275	1,768.2	6,516	6,751.7	232	35.9	26%	51%	Advanced Intermediate
26 Bwana Upper	10,254	10,104	150.3	150	212.6	643	3.1	71%	44%	Intermediate
26 Cubs Way Upper	9,975	9,920	55.0	369	373.1	137	1.2	15%	18%	Novice
26 Cubs Way	9,690	9,370	320.0	3,739	3,752.7	41	3.5	9%	12%	Beginner
26 Pride Lower	9,381	9,222	158.5	580	601.0	167	2.3	26%	32%	Low Intermediate
26 Pride Upper	10,008	9,703	305.1	1,496	1,527.0	231	8.1	20%	37%	Low Intermediate
26 Pride Upper Face	10,088	10,008	79.5	209	224.0	139	0.7	35%	46%	Advanced Intermediate
26 Safari	9,762	8,366	1,396.2	4,734	4,935.2	275	31.1	28%	53%	Advanced Intermediate
27 Black Forest Milling Area	9,320	9,300	20.0	195	196.0	206	0.9	10%	12%	Beginner
27 Nastar	9,713	9,410	303.6	1,459	1,489.8	274	9.4	20%	33%	Low Intermediate
27 Pay-to-Race	9,668	9,327	341.6	1,661	1,695.8	252	9.8	20%	40%	Intermediate
29 Ranger Racoon	8,260	8,230	30.0	432	433.0	187	1.9	7%	8%	Beginner
36 East Tea Cup	10,587	10,000	587.3	2,342	2,414.5	683	37.8	24%	56%	Exp Bowl
36 Emperor's Choice	11,239	10,076	1,163.3	4,309	4,463.4	557	57.1	26%	49%	Exp Bowl
36 Marmot Valley	10,087	9,588	499.4	2,264	2,318.6	728	38.7	22%	36%	Exp Bowl
36 Morning Thunder	10,512	10,130	381.9	1,677	1,719.9	1,460	57.7	22%	52%	Exp Bowl
36 Red Zinger	10,847	10,098	749.1	2,293	2,412.3	608	33.7	31%	46%	Exp Bowl
36 Tea Cup Glades	10,330	9,629	701.4	3,157	3,234.0	957	71.1	22%	57%	Glade
36 to Two Elk	11,240	11,215	25.3	1,744	1,744.2	107	4.3	1%	5%	Beginner
37 Big Rock Park	10,961	10,012	949.2	5,043	5,131.2	258	30.4	18%	32%	Low Intermediate
37 Cloud 9	11,480	9,572	1,908.4	18,297	18,396.0	57	24.1	10%	30%	Low Intermediate
37 Encore	10,793	9,618	1,175.0	3,739	3,919.7	191	17.2	30%	77%	Expert
37 Heavy Metal	10,895	10,029	866.7	3,115	3,233.6	261	19.4	27%	56%	Expert
37 Iron Mask	11,096	10,183	912.7	2,657	2,809.2	515	33.2	32%	66%	Expert
37 Little Ollie	10,962	10,081	881.7	2,713	2,852.6	450	29.4	31%	48%	Advanced Intermediate
37 Lovers Leap	11,299	10,318	980.3	3,390	3,529.0	430	34.9	28%	70%	Expert
37 Skree Field	11,254	10,499	755.4	2,677	2,781.2	513	32.7	27%	66%	Expert
37 Steep and Deep	11,479	10,609	869.7	2,788	2,920.9	309	20.7	30%	72%	Expert
37 The Divide	11,476	9,613	1,863.4	8,134	8,345.1	222	42.5	22%	63%	Expert
38 Champagne Glade	11,475	10,150	1,324.6	4,582	4,769.9	657	71.9	28%	52%	Advanced Intermediate
38 In The Wuides	11,263	10,128	1,134.7	3,427	3,609.8	767	63.5	31%	46%	Advanced Intermediate
38 Kellys Toll Road	10,136	9,580	556.0	6,361	6,385.2	80	11.7	9%	17%	Low Intermediate

**TABLE 3-2:
TERRAIN SPECIFICATIONS – EXISTING CONDITIONS**

Trail Name	Top Elev.	Bottom Elev.	Vert Drop	Horiz. Length	Slope Length	Avg Width	Area	Avg. Grade	Max Grade	Ability Level
	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(acre)	(%)	(%)	
38 Montane Glade	10,981	10,149	831.3	2,380	2,520.8	1,067	61.8	33%	47%	Advanced Intermediate
39 China Spur	10,121	9,977	144.5	1,506	1,512.8	35	1.2	10%	20%	Low Intermediate
39 Grand Review	11,563	10,083	1,480.1	6,279	6,451.3	243	36.0	23%	51%	Advanced Intermediate
39 Hornsilver	11,555	10,573	981.7	3,416	3,554.6	379	30.9	28%	51%	Advanced Intermediate
39 Petes Lift Line	10,809	10,041	768.6	2,366	2,488.0	173	9.9	31%	45%	Advanced Intermediate
39 Resolution Upper	11,512	10,628	884.2	4,055	4,150.4	312	29.7	21%	53%	Advanced Intermediate
39 Resolution Lower	10,436	10,169	267.4	796	839.6	203	3.9	32%	47%	Advanced Intermediate
39 The Star	11,136	10,104	1,031.7	3,439	3,590.0	438	36.1	29%	49%	Advanced Intermediate
TOTAL							5,571			

The following table and charts illustrate the distribution of terrain by skier ability level for the developed trail network, as well as the distribution of the active skier population at Vail. The terrain distribution is compared to both Vail’s actual market (guest surveyed) and to the industry norm for terrain distribution. The source of the Vail skier/rider distribution is from customer surveys performed by Vail Associates on Vail Mountain.

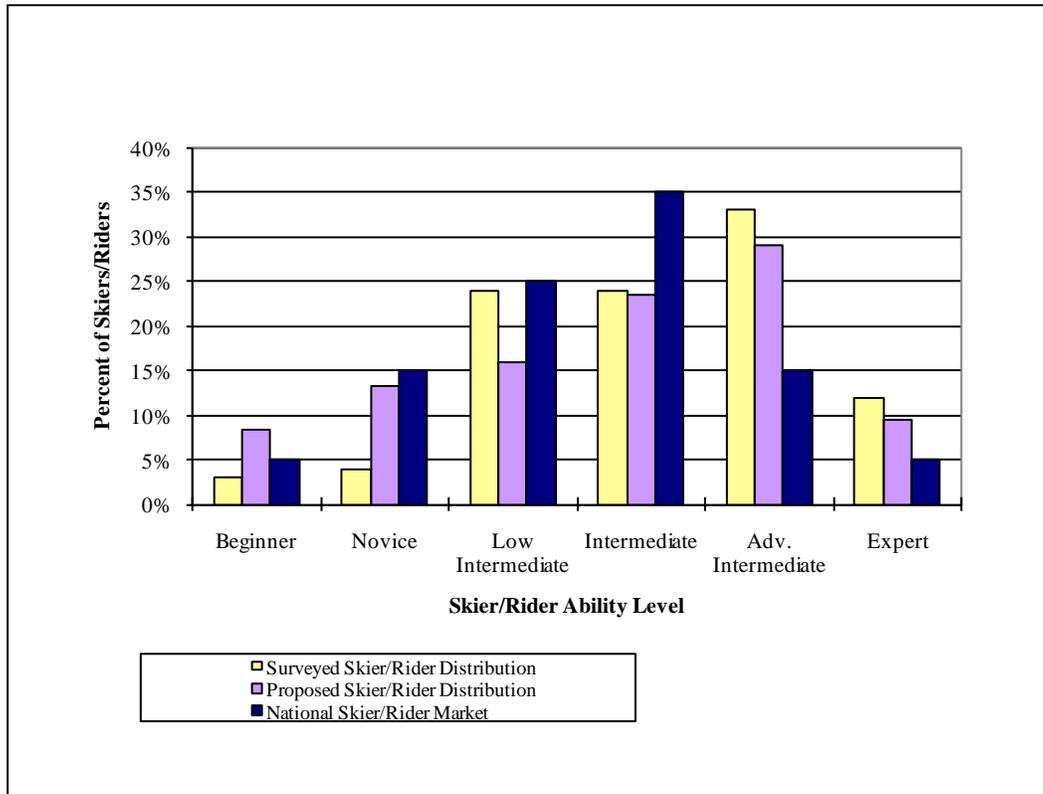
Table 3-3 indicates that although the trail network at Vail has less mid-level terrain (novice, low intermediate, intermediate) and more advanced level terrain (advanced intermediate, expert) than the market norms, it is in balance with its existing customers (guests surveyed). The table indicates that there is a slight deficiency in expert terrain; guest surveys have also identified that there is a demand for ‘extreme’ steep terrain that is currently lacking at Vail.²

² While Vail has close to adequate amounts of expert terrain, that terrain is at the lower end of the expert range and the area has virtually no extreme terrain.

**TABLE 3-3:
TERRAIN CAPACITY DISTRIBUTION BY ABILITY LEVEL – EXISTING CONDITIONS**

Skier/Rider Ability Level	Trail Area	Skier/Rider Capacity	Ability Level Distribution (Terrain)	Ability Level Distribution (Guests Surveyed)	Industry Norm Market
	(acres)	(guests)	(%)	(%)	(%)
Beginner	126.8	3,170.1	8%	10%	5%
Novice	279.4	5,028.8	13%	12%	15%
Low Intermediate	429.8	6,016.7	16%	15%	25%
Intermediate	884.0	8,839.7	23%	22%	35%
Adv. Intermediate	1,833.1	10,998.3	29%	28%	15%
Expert	1,205.3	3,616.0	10%	13%	5%
Glade	812.7	203.2	n/a	n/a	n/a
TOTAL	4,758.3	37,670	100%	100%	100%

**CHART 3-1:
TERRAIN CAPACITY DISTRIBUTION BY ABILITY LEVEL – EXISTING CONDITIONS**



C. TERRAIN PARKS

All parks have been named with an aviation theme.

The mile-long Fly Zone Terrain Park at Golden Peak contains the Super-pipe, pro-style jumps, rails and hits, and jib park.

Flight School is ski school's teaching park located adjacent to the Fly Zone and offers skill-building features.

Aviator Park is located on Bwana trail under the Gondola in Lionshead and features a combination of small and medium hits, rails, and boxes designed for freestyle progression. As of the 2006/07 season, Vail has added a half-pipe with 13-foot walls in the Aviator Park.

Sky Way Park is located at nearly 11,000 feet on Hunky Dory trail and includes "ground low" boxes, rails and mini hits intended for those starting out.

D. RACE VENUES

There is a growing demand for competitive ski racing venues - Ski Club Vail, local high schools, Masters, foreign ski clubs, and corporate groups are some of the groups requesting more access for races. It is Vail's intent to continue to host FIS sanctioned events.

Vail's race training area is located on the eastern edge of Golden Peak. This area allows for segregation between racers and the general skiing public. According to FIS standards, the Golden Peak venue is too short for a women's downhill or men's Super G course. Golden Peak also lacks enough training terrain to satisfy local demand. A larger training/racing area would allow for continued segregation of the racing public (high school, Vail Ski and Snowboard Club and Masters) from general skiers.

E. MANAGE-TO PROCESS

The "Manage-To" process allows VA and the Forest Service to manage for health, safety and welfare considerations, and a high quality skier experience based on calculated planning numbers (threshold). "Manage-To" is a flexible process used by Vail and the Forest Service to evaluate impacts to ski area operations at Vail and Beaver Creek when skier numbers exceed the "Manage-To" threshold, and outline steps to manage skier numbers on subsequent days if it is likely that the subsequent day's skier numbers may exceed the "Manage-To" threshold.

VA will hold a meeting including a Forest Service representative at the end of any day that exceeds the threshold to evaluate health, safety, and quality welfare considerations of the day's operation. "Manage-To" actions may be implemented as warranted by the review of the subject day's operational impacts.

There are a variety of "Manage-To" actions available to VA, which help manage skier numbers. The following list is for illustrative purposes only and does not represent an all-inclusive list or mandatory steps.

- restrictions on employee and dependant passes;
- stop issuance of complimentary tickets;
- manage ticket pricing;
- restrict student and merchant passes; and
- restrict Colorado card prices.

VA will rely on evaluation of current operations and conditions, its prior experience and best judgment to determine which “Manage-To” action or actions, if any, to implement for management of skier volume on subsequent days.

The planning threshold (Manage-To) number for Vail Ski Area is 19,900 skiers at one time.

F. COMFORTABLE CARRYING CAPACITY

The daily carrying capacity of a resort is described as the Comfortable Carrying Capacity (CCC). CCC is not a cap on visitation, but is rather a design standard defined as the number of daily visitors a resort can comfortably or efficiently accommodate at one time without overburdening the resort infrastructure. The CCC is derived from the resort’s supply of vertical transport (the combined uphill hourly capacities of the lifts) and demand for vertical transport (the aggregate number of runs demanded multiplied by the vertical rise associated with those runs). The CCC is calculated by dividing vertical supply (VTF/Day) by Vertical Demand.

As stated earlier, the accurate estimation of a ski area’s CCC is an important, complex analysis and is an important planning criterion for the ski area. At Vail, while the Manage-To threshold of 19,900 provides the goal for the resort as a whole and is used to manage daily visitation numbers, the ski area’s CCC continues to represent the mountain facility’s comfortable capacity. Vail desires to maintain a CCC in excess of the Manage-To threshold in order to ensure terrain variety that provides a challenge for the majority of the ski/snowboard market, and lift, terrain, and guest service levels that provide a consistently great guest experience for all levels of guests. This is consistent with the resort’s goal of remaining the industry leader in quality.

The calculation of Vail’s current CCC is described in the following table.

**TABLE 3-4:
CALCULATION OF COMFORTABLE CARRYING CAPACITY – EXISTING CONDITIONS**

Lift Name	Slope Length	Vert. Rise	Hourly Capacity	Oper. Hours	Transport Reduction Factor ^a	Misload. Stopping	Adjusted Hourly Capacity	VTF/ Day	Vert. Demand	CCC
	(ft.)	(ft.)	(pers./hr.)	(hrs)	(%)	(%)	(pers/hr)	(000)	(ft./day)	(guests)
Avanti Express	6,588	1,465	2,800	7.50	0	5	2,240	24,612	12,099	2,030
Wildwood Express	3,470	833	2,400	7.50	0	5	1,920	11,995	13,266	900
Mountain Top Express	4,257	1,101	2,800	7.50	0	5	2,240	18,497	12,054	1,530
High Noon	5,502	1,857	1,400	6.50	0	5	1,190	14,364	11,279	1,270
Riva Bahn	9,031	1,530	2,400	7.50	15	5	1,200	13,770	12,478	1,100
Game Creek Express	4,358	1,180	2,800	6.50	0	5	2,240	17,181	12,739	1,350
Born Free Express	6,076	1,593	2,800	7.50	20	5	840	10,036	20,553	490
Minnie's	3,743	778	1,333	7.50	0	10	933	5,445	9,531	570
Highline	6,804	1,762	1,150	7.50	0	5	690	9,118	16,648	550
Northwoods Express	5,783	1,544	2,400	7.50	0	5	1,920	22,234	13,934	1,600
Gopher Hill	930	146	960	7.50	0	10	864	946	3,087	310
Sourdough	2,375	516	1,800	7.50	0	10	1,440	5,573	7,339	760
Little Eagle	829	111	1,200	7.50	0	10	1,080	899	1,817	490
Vista Bahn Express	9,115	1,997	2,650	7.50	20	5	928	13,892	18,391	760
Sun Up	3,894	1,100	1,445	7.50	0	5	1,228	10,133	11,097	910
Lightning Coyote	360	36	1,500	7.50	0	5	1,350	365	864	420
Eagle Bahn	9,135	2,204	2,000	7.50	15	10	360	5,951	17,384	340
Cascade Village	3,486	1,278	1,800	7.50	90	5	-	0	19,909	-
Orient Express	7,658	1,565	2,400	7.00	0	5	2,040	22,348	11,616	1,920
Mongolia	1,611	312	503	7.50	0	5	402	942	8,149	120
Westwall	1,482	21	654	7.50	0	5	-	0	229	-
Wapiti	710	17	701	7.50	0	5	-	0	316	-
Elvis Bahn	395	55	1,500	7.50	0	5	1,350	557	1,252	440
Pride Express	5,399	1,202	2,400	7.50	0	5	1,440	12,982	18,691	690
Black Forest	1,919	401	650	7.50	0	5	455	1,368	10,761	130
Pinos del Norte	301	24	450	7.50	0	5	360	65	987	70
Golden Peak Carpet	201	20	600	7.50	0	5	480	72	714	100
Lionshead Carpet	100	10	600	7.50	0	5	480	36	524	70
Thunder Cat Carpet	100	10	600	7.50	0	5	480	36	524	70
Teacup Express	6,704	1,664	2,400	6.50	0	5	1,920	20,767	17,385	1,190
Skyline Express	8,391	1,924	2,400	6.50	0	5	2,040	25,512	14,395	1,770
Earl's Express	4,834	1,357	1,200	6.50	0	5	1,080	9,526	18,292	520
Pete's Express	6,677	1,582	1,800	6.50	0	5	1,620	16,658	16,582	1,000
TOTAL	85,734		35,638				36,810	295,880		23,470

a Transportation Reduction Factor (Access Reduction) – A percentage factor by which a lift's effective hourly capacity is reduced to account for the lift's role in transporting skiers from one area of the mountain to another. The application of a Transportation Reduction Factor means that a portion of the lift's uphill hourly capacity, which is required for skier access to other points on the mountain, will not be used for repeat-ski access to ski trails served by the lift.

As illustrated in Table 3-4, the calculated CCC of the lift and trail network at Vail is 23,470 guests per day. Again, the CCC at Vail is not utilized to determine size of facilities nor to manage skier numbers, but rather is a theoretical planning number that indicates that the mountain's capacity is in excess of the resort's Manage-To threshold, which directly translates to increased quality.

G. RESORT DENSITY ANALYSIS

At any one time, the aggregate skier population is dispersed throughout the resort, either at guest services buildings and milling areas, waiting in lift mazes, riding lifts, or skiing on the trails. The proportion of skiers that will be using the trail network at any given time, based upon the CCC calculation, is illustrated in Table 3-5 below. The total number of skiers using the trail network at any one time can be compared to the estimated *capacity* of the ski terrain (as determined in Table 3-3) to determine if a sufficient amount of terrain has been proposed to balance trail capacity with the overall CCC.

Of the total skier population, 15 to 40 percent of each lift's capacity will be using guest service facilities or milling areas at any one time (i.e., over the course of the day, skiers will be actively skiing 60 to 85 percent of the time – the equivalent of 4 to 6 hours). This 15 to 40 percent of the skier population is the resort's inactive population.

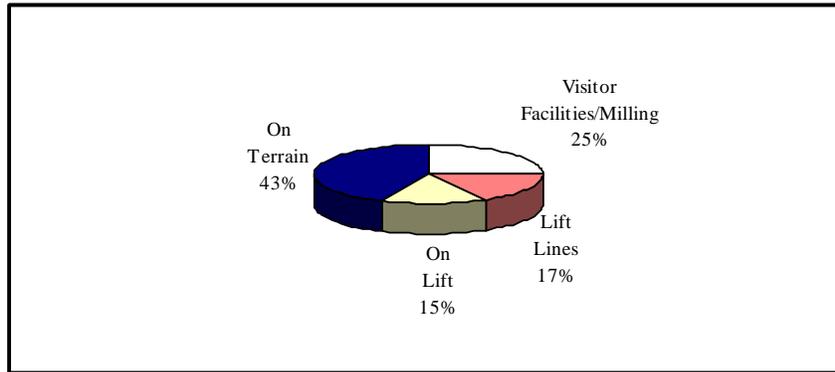
The remaining 60 to 85 percent of visitors at the resort make up the active skier population who are either in lift lines, on lifts, or on trails. Typically, 25 to 60 percent of the resort's active skier population will be on the slopes while the remaining skiers will be riding the lifts or waiting in lift lines. The number of skiers waiting in line at each lift is a function of the uphill hourly capacity of the lift and the assumed length of wait time at each lift. (For purposes of master planning, lift lines at Vail have been estimated to range from two to ten minutes.) The number of guests riding on each lift is the product of the number of carriers on the uphill line and the capacity of the lift's carriers. The remainder of the skier/snowboarder population (i.e., the CCC minus the number of guests using guest facilities, milling in areas near the resort portals, waiting in lift mazes, and actually riding lifts) is assumed to be enjoying downhill descents.

Based upon an estimated CCC of 23,470 guests, the estimated disbursement of Vail's skiers is illustrated in the following table and chart.

**TABLE 3-5:
DISTRIBUTION OF SKIER POPULATION – EXISTING CONDITIONS**

Lift Name	Daily Capacity	Disbursement of Skier/Rider Population			
		Support Fac./Milling	Lift Lines	On Lift	Skiers on Trails
	(CCC)	(Skiers)	(Skiers)	(Skiers)	
Avanti Express	2,030	508	373	246	903
Wildwood Express	900	225	160	111	404
Mountain Top Express	1,530	383	373	159	615
High Noon	1,270	318	397	218	337
Riva Bahn	1,100	275	40	181	604
Game Creek Express	1,350	338	373	163	476
Born Free Express	490	123	0	85	282
Minnie's	570	143	0	129	298
Highline	550	138	0	156	256
Northwoods Express	1,600	400	320	185	695
Gopher Hill	310	78	72	38	122
Sourdough	760	190	120	127	323
Little Eagle	490	123	90	43	234
Vista Bahn Express	760	190	0	143	427
Sun Up	910	228	205	168	309
Lightning Coyote	420	105	113	52	150
Eagle Bahn	340	85	30	55	170
Cascade Village	0	0	0	0	0
Orient Express	1,920	480	340	260	840
Mongolia	120	30	13	26	51
Westwall	0	0	0	0	0
Wapiti	0	0	0	0	0
Elvis Bahn	440	110	113	57	160
Pride Express	690	173	0	132	385
Black Forest	130	33	15	29	53
Pinos del Norte	70	18	12	8	32
Golden Peak Carpet	100	25	16	27	32
Lionshead Carpet	70	18	16	13	23
Thunder Cat Carpet	70	18	16	13	23
Teacup Express	1,190	298	160	195	537
Skyline Express	1,770	443	340	259	728
Earl's Express	520	130	90	79	221
Pete's Express	1,000	250	135	164	451
TOTAL	23,470	5,876	3,932	3,521	10,141

**CHART 3-2:
DISTRIBUTION OF SKIER POPULATION – EXISTING CONDITIONS**



The table and chart show that of the total 23,470 CCC, 10,141 skiers (43 percent) are anticipated to be on the ski trails at one time (a proportion that falls within the typical 25 to 60 percent range). As calculated in Table 3-3, the existing trail network has an estimated skier capacity of 37,670. This illustrates that the trail capacity far exceeds the CCC, resulting in low terrain density. This is in keeping with Vail’s goal to provide a high quality recreational experience.

H. MAINTENANCE FACILITIES, UTILITIES, SNOWMAKING COVERAGE, AND GROOMING

1. Maintenance and Operational Facilities

Vail’s Lift Maintenance department has facilities at the top of the Eagle Bahn Gondola in the Eagles Nest building, as well as in a stand-alone building near the top of Chair 36.

Snow Cats are maintained in the Snow Summit Shop located on the Mid-Vail/Eagles Nest Road.

The primary vehicle lifts and warehouse is located within the Town of Vail on private land.

Mountain operations offices are located in Lionshead. The lower patrol room is located in Vail Village. Ski School has facilities at Vail Village, Golden Peak and Lionshead.

2. Snowmaking

Snowmaking has a compressor building at the base of Golden Peak and a pump house in Lionshead. Both are on private lands. Combined pump and compressor buildings are located at Snow Central and Snow Summit.

3. Utilities

Waste Water

Wastewater generated on Vail Mountain is piped to and treated by the Eagle River Water and Sanitation District in their plants within the Town of Vail and the Town of Avon. On site septic systems are utilized at Belle’s Camp, the Chair 14 Shop, and the Snow Summit Shop. Refer to the utility plan for sewer line locations.

Domestic Water

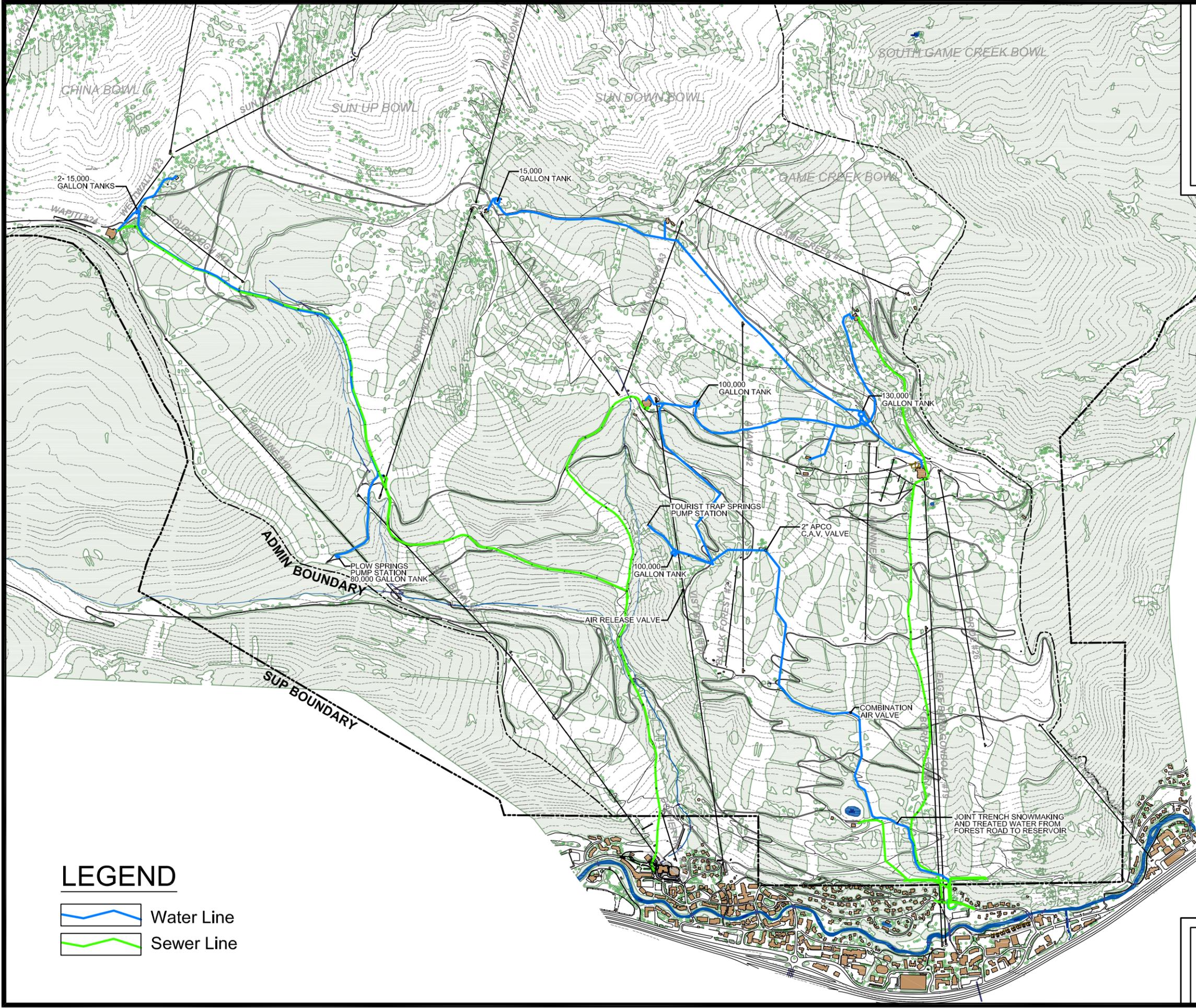
Domestic water is supplied to the base area facilities by the Eagle River Water and Sanitation District. Domestic water is supplied to the on-mountain facilities from a combination of on-mountain wells and from the Eagle River Water and Sanitation District. The spring water is of an extremely high quality, and is chlorinated at the Plow Springs, Tourist Trap Pump House, and at Belle's Camp. Refer to Figure 3-5 and Figure 3-6 for well and tank locations.

Communication Sites

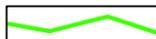
In addition to Vail Resorts, the following agencies have a presence at the communication site on Vail Mountain northeast of Patrol Head Quarters.

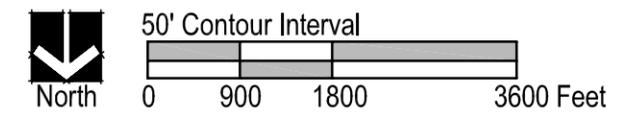
- National Law Enforcement Center (NLEC)
- Colorado State Patrol
- Forest Service
- Eagle County Search and Rescue

**FRONT SIDE
WATER AND SEWER
LINES**
JUNE 27, 2007



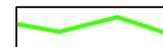
LEGEND

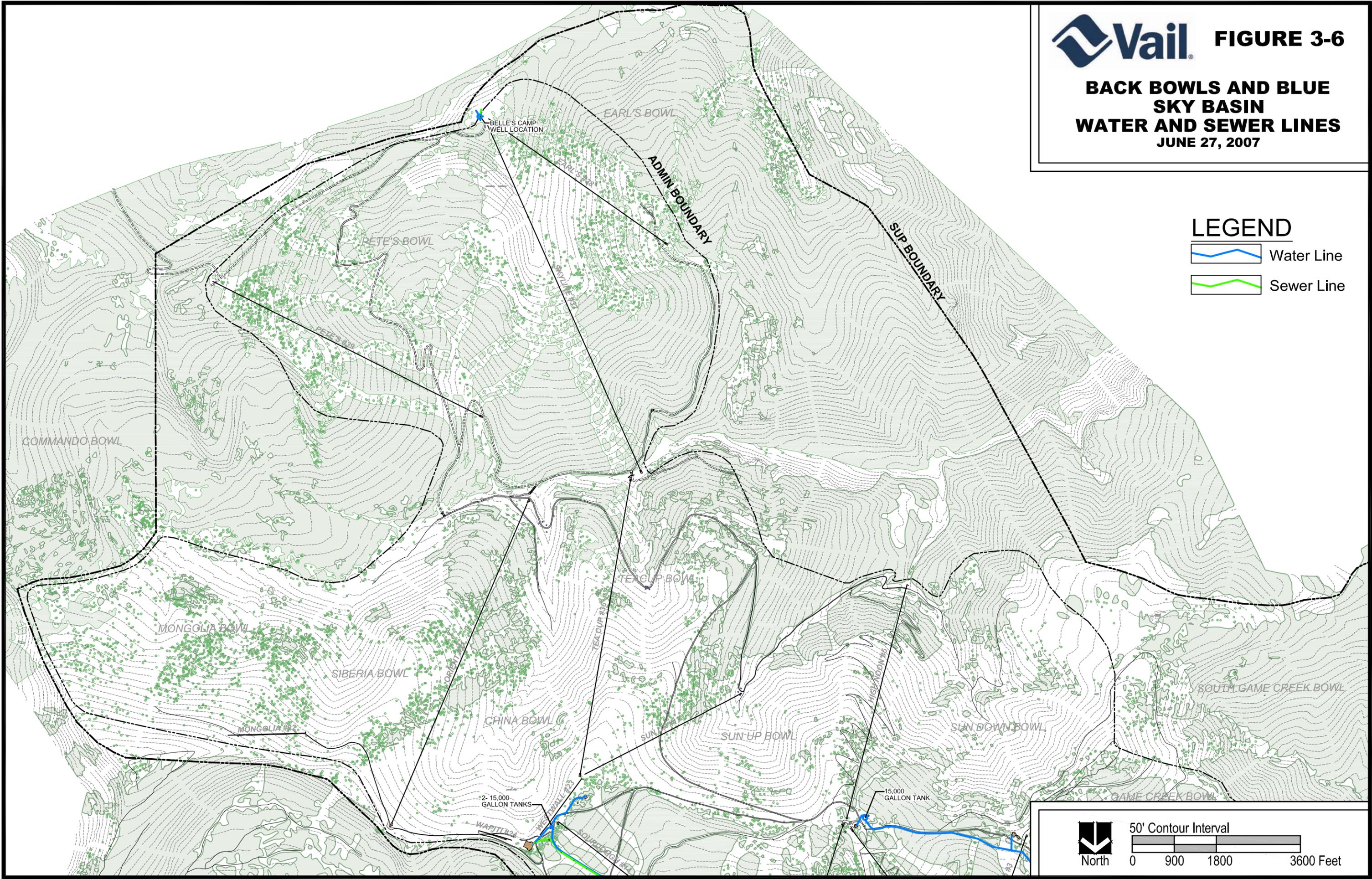
-  Water Line
-  Sewer Line



**BACK BOWLS AND BLUE SKY BASIN
WATER AND SEWER LINES
JUNE 27, 2007**

LEGEND

-  Water Line
-  Sewer Line



Power

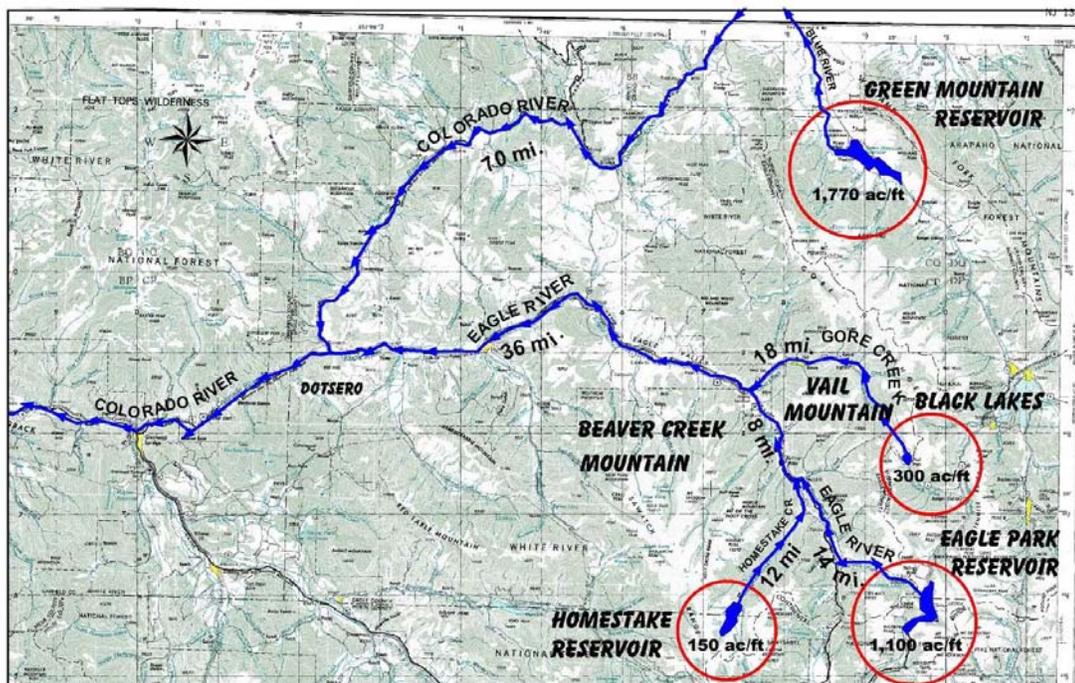
Electric power is supplied to Vail by Holy Cross Electric.

Snowmaking

Vail's snowmaking plan is intended to enhance the reliability and consistency of the skiing surface in response to site specific operational concerns, including but not limited to, below average natural snowfall, high snow wear areas, critical circulation routes and areas with high wind, and/or solar exposure. Guests may choose to ski Vail over other resorts because of the consistency and reliability of its high quality ski surfaces. This high quality ski surface is afforded in part by Vail's snowmaking system. The snowmaking system at Vail helps ensure a predictable opening date, high quality conditions during the early- and mid-season, and to provide reliable conditions through mid-April.

The snowmaking system at Vail covers a total of 457 acres of terrain.³ Currently, the resort covers approximately 415 acres of terrain with snowmaking infrastructure. An additional 42 acres of coverage is provided by stretching hoses from hydrants in other areas or by pushing man-made snow to these areas with snow cats. It is Vail's intention to install snowmaking infrastructure in these areas in the future (refer to Figure 3-7 Front Side Existing Snowmaking).

Water for snowmaking is supplied by the Green Mountain, Eagle Park, and Homestake reservoirs and by Black Lakes. The locations and quantity of water storage at each location is illustrated in the image below.



³ Snowmaking acreage has been computer generated from digital mapping and assumes the full trail width coverage of developed ski trails and full groomable width on catwalks. These area calculations differ from previous calculations due to updated cartography and that the existing system reflects full trail width coverage.

Water Rights

Water for snowmaking is withdrawn from the diversion points on Gore Creek adjacent to the Vail Valley Waste Water Treatment Plan and the Dowd Junction infiltration gallery located at the confluence of Gore Creek and the Eagle River.

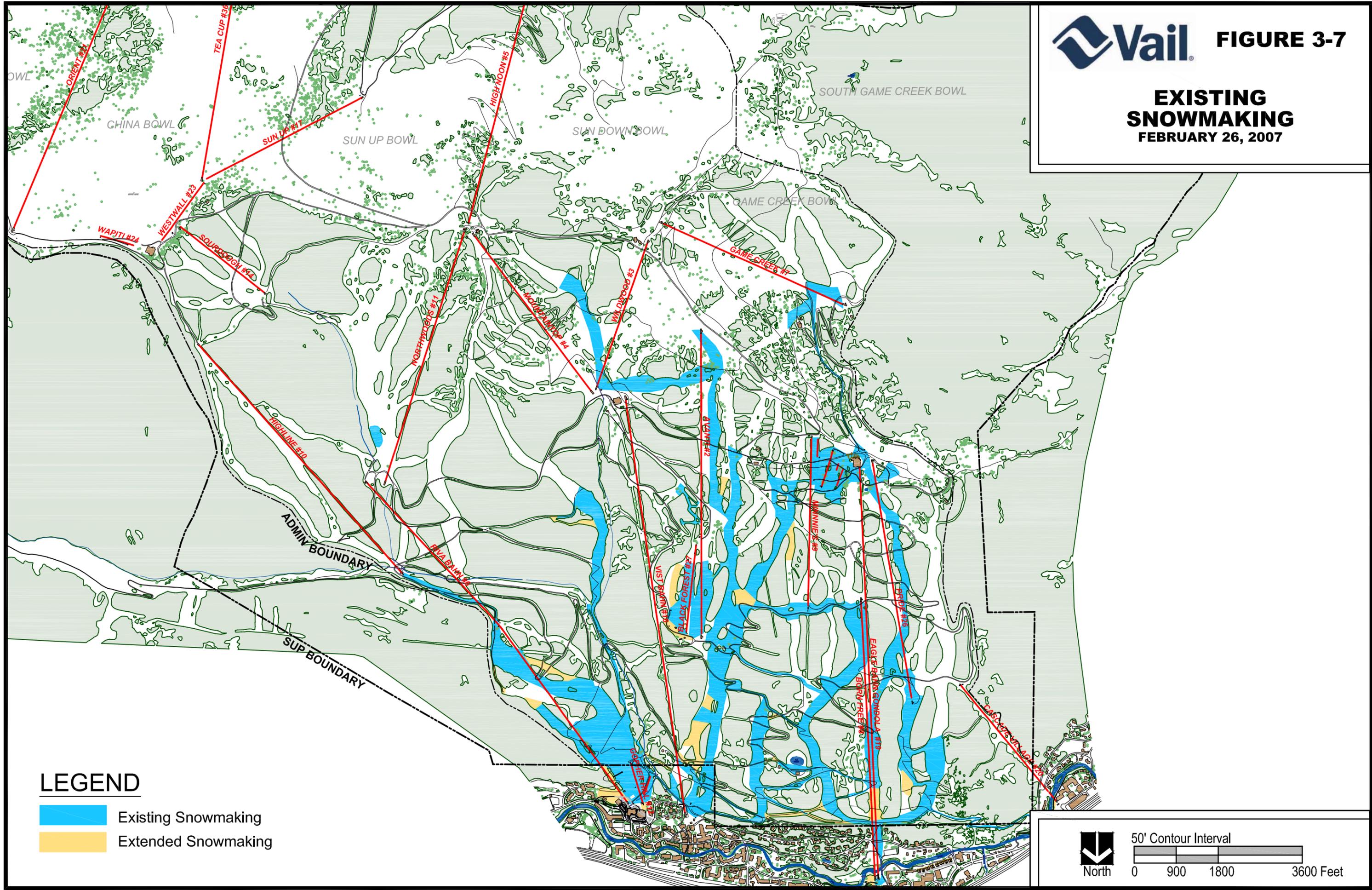
Vail Mountain Snowmaking Pipeline decreed by the Water Court in Case No. 94CW279 for 4.5 cfs for snowmaking and domestic uses, the source of which is three alternate points of diversion at the confluence of the Eagle River and Gore Creek. By virtue of the decrees entered in Case Nos. 89CW296 and 94CW279, up to 1,100 acre feet per year of diversions under this water right are augmented by the release of Green Mountain Reservoir water By Snowmaking Pipeline Use Agreement dated February 22, 2001, between VA and the Eagle River Water and Sanitation District, the District has the right to use any surplus capacity in the Vail Mountain Snowmaking Pipeline. The District's right is subject to VA's first priority and preferential right to use the pipeline.

Vail Associates Gore Creek Snowmaking Pipeline decreed for 4.5 cfs for snowmaking uses, the source of which is Gore Creek, and the Golden Peak Snowmaking decreed for 1.34 cfs for snowmaking uses, the source of which is Mill Creek, both as augmented by decree of the Water Court in Case No. 82CW328. These water rights are owned by the Eagle River Water & Sanitation District. By Water Agreement dated October 30, 1987, between VA and the District's predecessor (the Vail Valley Consolidated Water District), the Eagle River Water & Sanitation District furnishes VA up to 603 acre feet of water per year from the foregoing water rights for snowmaking purposes at the Vail Mountain Ski Area, and augments said diversions with Green Mountain Reservoir contract water (see Section 2[d] above); provided, however, the supply of such snowmaking water is limited to the amount of the District's municipal effluent being discharged from the Vail wastewater treatment plant when the flow of Gore Creek at the Vail Gage is less than 6 cfs (16 cfs during the period from October 1 through October 31). Under the terms of this Water Agreement, the District annually pays for the first 135 acre feet of said Green Mountain Reservoir augmentation water and VA pays for the remaining 468 acre feet.

Eagle Park Reservoir Augmentation Plan. By decree of the Water Court entered in Case No. 98CW203, up to 1,100 acre feet of out of priority snowmaking diversions from the Arrowhead, Beaver Creek and Vail Mountain Snowmaking Pipelines are augmented by the release of VA's interest in Eagle Park Reservoir.

Homestake Reservoir Augmentation Plan. By decree of the Water Court entered in Case No. 98CW270, up to 150 acre feet of out of priority snowmaking diversions from the Beaver Creek and Vail Mountain Snowmaking Pipelines described in Sections 3(a), (b) and (c) are augmented by the release of VA's interest in Homestake Reservoir.

**EXISTING
SNOWMAKING**
FEBRUARY 26, 2007



LEGEND

- Existing Snowmaking
- Extended Snowmaking

North 50' Contour Interval

0 900 1800 3600 Feet

I. ALTERNATIVE EXPERIENCE

1. Adventure Ridge

Opening in the 1996/97 season, Adventure Ridge is the focus of Vail's non-skiing family-oriented activities. It was created specifically in response to customer surveys indicating that families – children in particular– lacked options for activities after they finished skiing for the day and or on days they chose not to ski. Today, Adventure Ridge provides quality alternative outdoor activities (day and evening, summer and winter) in an alpine environment. Facilities that are currently available at Adventure Ridge include an ice skating rink, a tubing hill and lifts, a wedding deck, a disc golf course, a mountain bike course, a laser tag venue, a rebound trampoline, and a children's snowmobile track. Ski bikes and snowshoes are also available at Adventure Ridge (refer to Figure 3-8 Adventure Ridge Existing Conditions).

Adventure Ridge is a developed, intensely utilized portion of the SUP area throughout the day and evening. The tubing hill is undersized given current demand. There are currently two shorter lanes that are underutilized, and the remaining 4 full length lanes do not satisfy current demand.

Adventure Ridge is traversed by a snowcat/snowmobile route to the west and south. Additionally, at night, ski bikes descend the western Lionshead trails between the top and bottom terminals of the Eagle Bahn Gondola.

2. Trails

Currently, Vail's summer trail system includes the following:

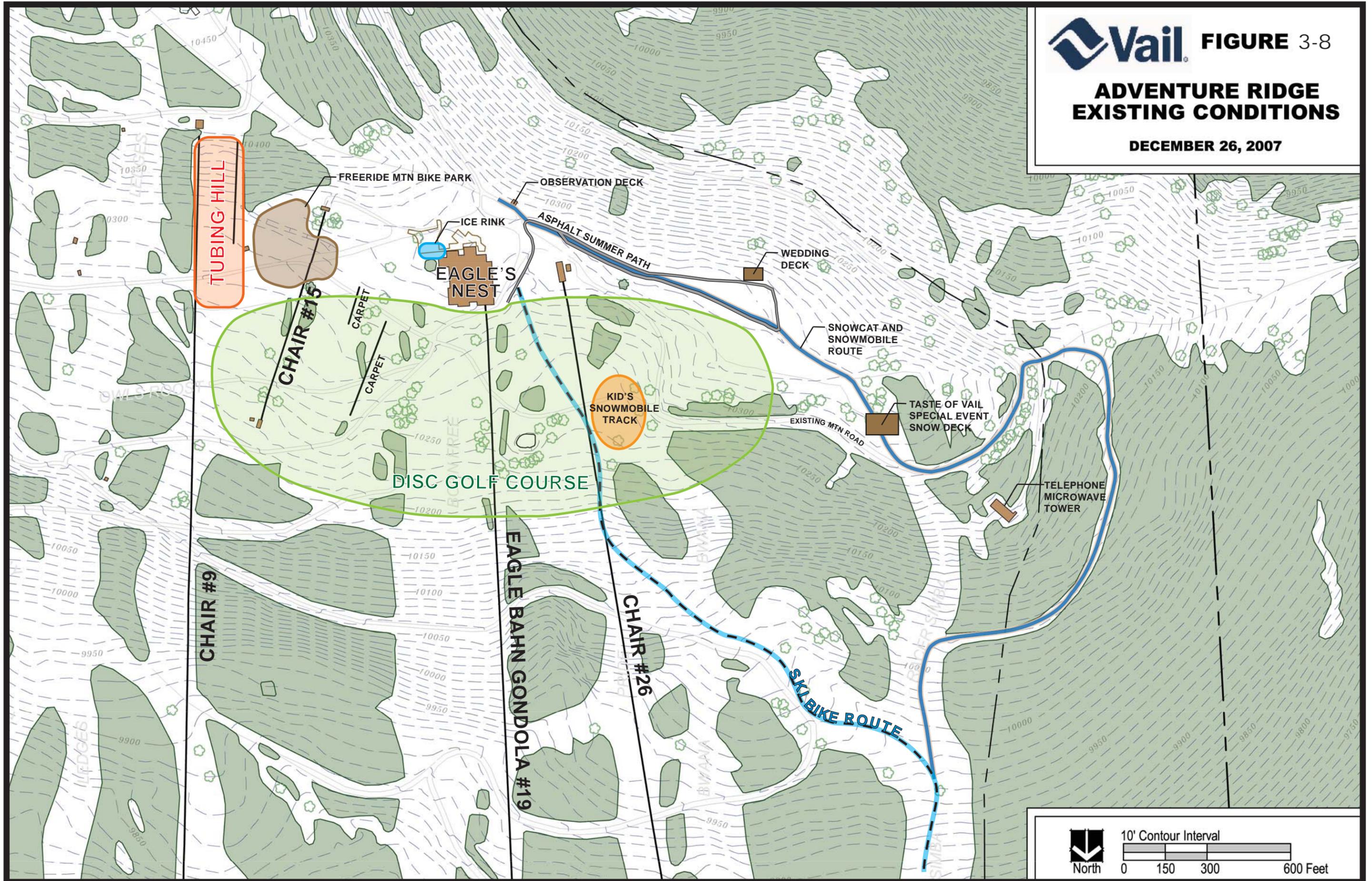
- Biking: 23 trails, approximately 19.7 miles
- Downhill biking: 5 trails, approximately 3.9 miles
- Hiking: 11 trails, approximately 7 miles
- Multi Use: 18 trails, approximately 9.6 miles

3. Lifts

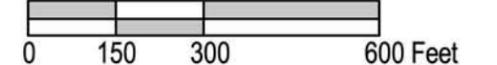
Two Schipper lifts provide transport for Adventure Ridge's tubing facility.

**ADVENTURE RIDGE
EXISTING CONDITIONS**

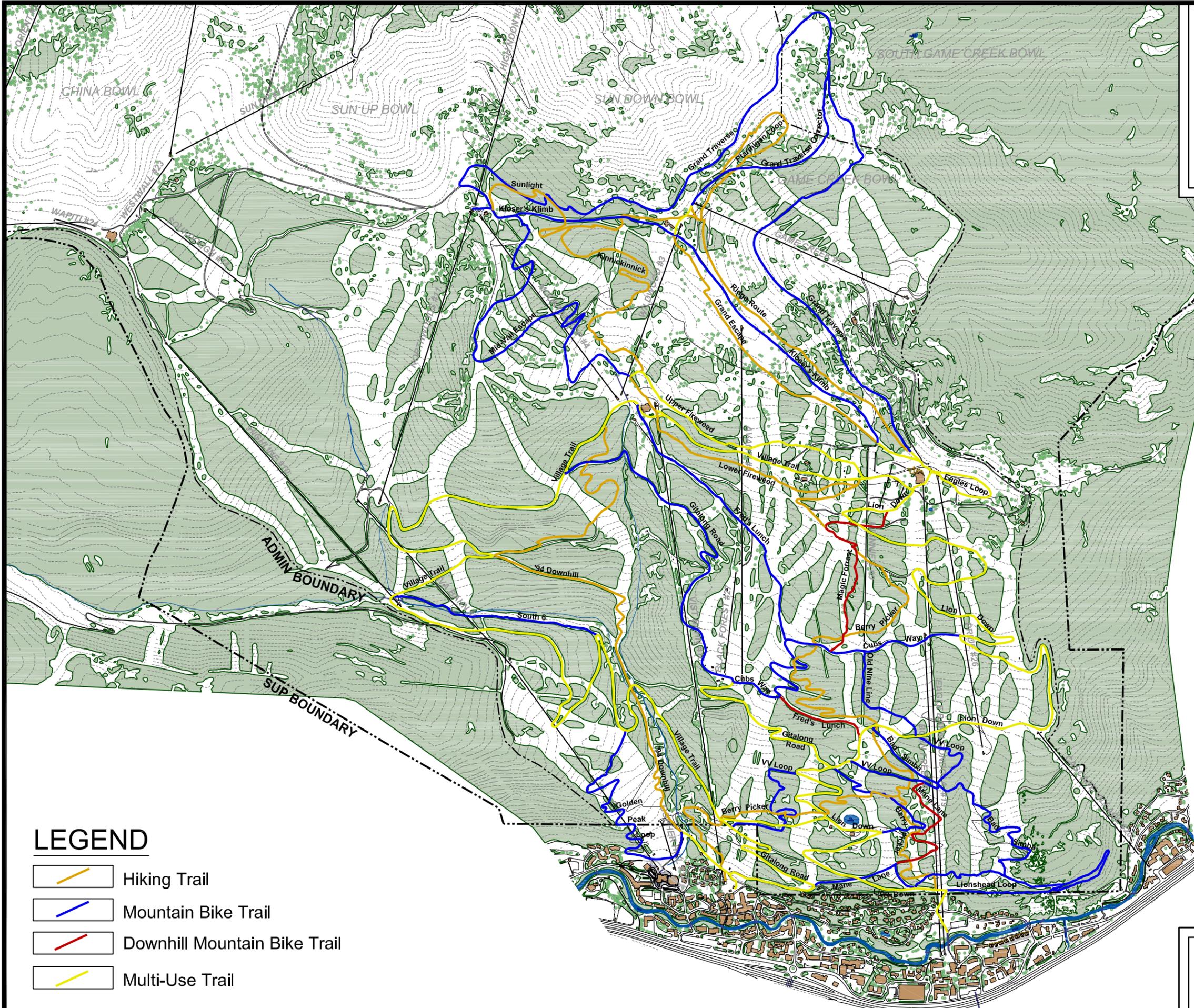
DECEMBER 26, 2007



10' Contour Interval

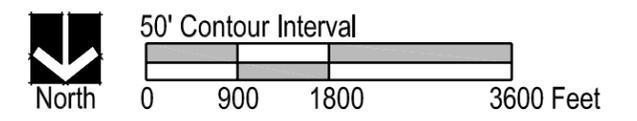


**EXISTING
SUMMER TRAILS**
JUNE 27, 2007



LEGEND

-  Hiking Trail
-  Mountain Bike Trail
-  Downhill Mountain Bike Trail
-  Multi-Use Trail



J. SKIER SERVICES BUILDINGS

Vail provides skier services at Golden Peak, Vail Village, Lionshead and Cascade Village. Additional services, particularly food service, equipment rental/repair and retail, are provided in several village locations by third party entities. On-mountain services are provided at Eagle’s Nest, Mid-Vail, Buffalo’s, Two Elk Lodge, Wildwood, Belle’s Camp and special events at Black Forest. The following table summarizes the existing guest service facilities at Vail.

**TABLE 3-6:
EXISTING GUEST SERVICE FACILITIES**

Service Function	Base Area				On-mountain						
	Golden Peak	Vail Village	Lionshead	Cascade Village	Eagle’s Nest	Mid-Vail	Patrol HQ Buffalo’s	Two Elk Lodge	Wildwood	Belle’s Camp	Golden Peak
Ticket Sales	X	X	X	X							
Public Lockers	X	X	X	X	X	X	X	X	X	X	
Rentals/Repair	X	XO	XO	O	X		X				
Retail Sales	X	XO	XO	O	X	X	X	X	X	X	
Bar/lounge	XO	O	O	O	X	X		X			
Adult Ski School	X	X	X		X	X					
Kid's Ski School	X		X		X						
Restaurant Seating - Indoor	XO	O	XO	O	X	X	X	X	X	X	
Rest rooms	X	X	X	X	X	X	X	X	X	X	
Ski Patrol					X	X	X	X	X	X	X
Administration	X	X	X		X	X					

X = operated by Vail Resorts

O = operated by others

K. RESTAURANT SEATING

A key factor in evaluating restaurant capacity is the turnover rate of the seats. A turnover rate of two to five times is the standard range utilized in determining restaurant capacity. Fine dining at ski areas typically results in a turnover rate of two, while ‘fast food’ cafeteria style dining is characterized by a higher turnover rate. Occasionally a turnover rate greater than 5 may be utilized, to reflect the true ‘fast food’ nature of the facility. Weather also has an influence on turnover rates at ski areas; for example, on snowy days skiers will spend more time indoors than on sunny days.

The following table summarizes the existing indoor and outdoor restaurant seating at Vail, as well as the ‘nice day’ and ‘adverse day’ seating capacities. These capacities are based on the assumption that outdoor seating may be utilized when the weather is fair (i.e., nice day), while guests are limited to indoor seating during adverse weather days (i.e., adverse day).