

TABLE 1. List of Vineyards and Wineries in Lewis-Clark Valley AVA Area 2012

[illegible]

TABLE 1. List of Vineyards and Wineries in Lewis-Clark Valley AVA Area (continued)

Map Legend ID	Vineyard Name and Info	Grape Varieties	2012 Bearing Vineyards (ac)	Anticipated 2013 Plantings (ac)	Elevation (ft) & Above or Below (✓) Ice-Age Floods
9	Reggear Vineyards Bob Reggear 1176 Loseth Rd. Orofino, ID 83544 (208)467-7364	Proposed		30	1780
10	Riverbend Vineyards Tony Chmielewski 20618 Riverbend Ln. Lenore, Id 83541 (208)486-6117	Chardonnay Cabernet Sauvignon Pinot Noir Pinot Gris Riesling	1 1 0.5 0.5 1		963 ✓
11	Rock N J Vineyard Chris Cunningham Grande Ronde River, WA	Merlot Malbec Cabernet Franc	1.5 1.5 1.5	2	1000 ✓
12	Skyline Vineyard Glenn Nicholas 315 Skyline Dr. Lewiston, ID 83501	Merlot Blaufrankisch (Lemberger) Muscat	total 0.5		1290 ✓
13	Sunnyside Vineyards Michael Boyer 36360 Hanks Grade Lenore, ID 83541 (208) 836-5668	Carmenere Merlot Malbec	2 1 1	3	1850
14	Terre de Carachatere (formerly Keefer Vineyard) Wanda Keefer 2113 10th Ave. Lewiston, ID 83501	Barbera Grenache Malbec Cabernet Sauvignon Carmenere Tempranillo	0.5 0.5 0.5 0.5 0.5 0.5		1415
15	Turner Vineyards Matt Turner POB 1521 Orofino, ID 83544	Proposed		2	1450
16	Umiker Vineyards Karl and Coco Umiker 3135 10th St. Lewiston, ID 83501	Cabernet Sauvignon Cabernet Franc Merlot Syrah Chardonnay Riesling Muscat Viognier	0.5 0.5 1 2 2 0.2 0.2 2	2	1380
	Totals		81.4	54	

TABLE 1. List of Vineyards and Wineries in Lewis-Clark Valley AVA Area (continued)

Map Legend ID	Winery Name and Info	Address and Phone #	Web	Annual Case Production
A	Basalt Cellars , Rick Wasem and Lynn DeVleming	906 Port Drive, Clarkston, WA 99403, 509-758-6442	http:// www.basaltcellars.com/	ca. 2000 cases
B	Clearwater Canyon Cellars , Karl and Coco Umiker	1708 6th Ave N. Suite A, Lewiston, ID 83501, 208-816-4679	http:// www.cccellars.com/	ca. 1200 cases
C	Colter's Creek Winery , Mike Pearson and Melissa Sanborn	20154 Colter Creek Lane, Juliaetta, ID 83535, 208-874-3933	http:// www.colterscreek.com/	ca. 2500 cases

Table 2. Ten-Year Averages (2000-2009) of Climatic Indices for Wine Grapes for Selected Sites Inside Proposed Lewis-Clark Valley AVA (In blue) Versus a Nearest Weather Station Site Just Outside Proposed AVA (In yellow) Versus Sub Appellations Within the Existing Columbia Valley AVA (In white)

Weather Station	NCDC Station Name/ID No. ¹	Location	Distance (mi)/ and Direction From Proposed AVA To	Elevation (feet/ meters)	Annual Temperature (degrees F)	Annual Precipitation (inches)	Degree Days ²	Cool-Climate Viticulture Suitability Index ³ (Days)	Number Days/Year <32 degrees F	Number Days/Year >95 degrees F	Average Night Time Minimum Temperature During Veraison ⁴
Within Proposed Lewis-Clark Valley AVA	Lewiston Nez Perce Co AP/105241	46.37N/ 117.02W	-	1436/438	53.4	11.3	3036	234.2	71.6	22.8	51.2
Within Proposed Lewis-Clark Valley AVA	Dworshak Fish Hatchery/102845	46.50N/ 116.32W	-	995/303	51.6	22.7	2613	225.2	97.6	19.6	46.7
Just Outside of Proposed AVA: Moscow ID	Moscow U of I/ 106152	46.73N/ 116.96W	24/N	2660/811	47.6	25.1	1796	159.5	125.1	6.2	42.4
Red Mountain AVA (Columbia Valley AVA)	Benton City/ AgWeatherNet	46.3N/ 119.5W	118/W	676/206	54.5	4.6	3119	213	83.7	25.4	49.6
Horse Heaven Hills AVA (Columbia Valley AVA)	Paterson/ AgWeatherNet	45.9N/ 119.5W	127/WSW	410/125	53.4	7.1	3072	216	90.3	22.5	49.4
Wahluke Slope AVA (Columbia Valley AVA)	Mattawa/ AgWeatherNet	46.7N/ 119.8W	140/WWN	830/253	53.1	4.6	3117	218	93.9	16.7	51.0

Footnotes: ¹NCDC: National Climate Data Center or Washington AgWeatherNet station; ²DD = $\sum [(\text{Daily Max Temp} - \text{Min Temp})/2] - 50$ for all days April 1 to Oct 31; ³ Cool-Climate Viticultural Suitability Index = No. days between last temperature <29°F in spring and first temperature <29°F in fall (<http://www.nysaes.cornell.edu/hort/faculty/pool/NYSite-Soils/SiteSelection.html>); ⁴ Average night time minimum temperature from August 15 to October 15. Blue shaded lines are for the two NCDC weather stations within the proposed AVA area and yellow shaded line is for the closest NCDC weather station outside the proposed AVA. Unshaded lines are for weather stations in three existing sub-appellations of the Columbia Valley AVA west of the proposed AVA. All sites are missing small amounts of data (days not recorded) that we judge do not affect the resulting table.

Table 3. Distinguishing Features of the Proposed Lewis-Clark Valley AVA Area Compared to Adjacent Areas to the North, East, South, and West

Features	In Proposed Lewis-Clark Valley AVA	To the North: Moscow, ID	To the East: est. for Bitterroot Mtns	To the South: est. for Craig Mtns	To the West: est. for Blue Mtns
<u>Climate: Temperature</u> Petition page(s): 22 Exhibit(s): Petition Table 2 and author estimates	avg. 52.5 °F (elev. ~1000 ft)	47.6 °F (elev. ~2500 ft)	40 °F (elev. ~6000 ft)	45 °F (elev. ~3000 ft)	42 °F (elev. ~4000 ft)
<u>Climate: Precipitation, Solar Radiation</u> Petition page(s): 22-23 Exhibit(s): Petition Figure 5 and Table 2 and author estimates	avg. 17.0 in; rainy season winter-spring, summers dry; nearly cloud free during growing season	25 in; rainy season winter-spring, summers dry; nearly cloud free during growing season	40-70 in; rainy season winter-spring, summers dry with some thunderstorms and assoc'd cloudiness	20-35 in; rainy season winter-spring, summers dry	25-50 in; rainy season winter-spring, summers dry with some thunderstorms and assoc'd cloudiness
<u>Climate: Wind</u> Petition page(s): 23 Exhibit(s): author estimates	Moderate SW prevailing winds in growing season; stronger in spring and fall	Moderate SW prevailing winds; stronger in spring and fall	Moderate SW prevailing winds	Moderate SW prevailing winds	Moderate SW prevailing winds
<u>Other Climate Data: Degree Days</u> Petition page(s): 23 Exhibit(s): Petition Table 2 and author estimates	avg. 2825	1700	1000-1500	1500-1700	1000-1500
<u>Geology</u> Petition page(s): 23-25 Exhibit(s): Petition Figure 6 and USGS, 2011	Benches, plateaus and canyon sides cored by Miocene-age flood basalts that are veneered by Quaternary-age flood sediments, loess typically < 6ft. thick, and slope sediment	Quaternary-age Palouse loess up to 300ft. deep over Miocene-age flood basalts; youngest loess up to 12ft thick; no Quaternary-age flood sediments	Precambrian high-grade metasedimentary rocks and Cretaceous to Jurassic-age plutonic rocks; no Quaternary-age flood sediments	Triassic metavolcanic and metasedimentary rocks, Cretaceous to Jurassic-age plutonic rocks, and Miocene-age flood basalts of Columbia River Group; no Quaternary-age flood sediments	Miocene-age flood basalts of Columbia River Group with a mantle < 3 ft thick of Mazama ash and loess; no Quaternary-age flood sediments
<u>Soils</u> Petition page(s): 25-28 Exhibit(s): Petition Figure 6 and soils refs.	Mollisols >95%; soil depth generally <6 ft to restrictive subsurface horizon such as bedrock, argillic,	deep Mollisols, some Alfisols	Andisols less than 4 ft thick, Inceptisols, and Alfisols	Andisols less than 4 ft thick, Inceptisols, and Alfisols	Andisols less than 4 ft thick, Inceptisols, and Alfisols
<u>Physical Features/ Landform and Elevation</u> Petition page(s): 28 Exhibit(s): Petition Figure 2.	Bench, plateau, and steep-sided canyon lands; est'd avg elev 1200 ft; min elev 743 ft (reservoir of Lower Granite dam); max elev 1968 ft	Rolling hills of deep loess; est'd avg elev 2200 ft; min elev 1000 ft; max elev 2800 ft	Rugged mid and high elevation mountains and canyons; est'd avg elev 6000 ft; min elev 3000 ft; max elev 10,157 ft	Craig Mtns uplift, mid-elevation forested mountains; est'd avg elev 3000 ft; min elev 2500 ft; max elev 5178 ft	Basalts uplifted and folded to 6000ft, cut by deep canyons; est'd avg elev 4000 ft; min elev 2500 ft; max elev 6366 ft

Table 4. List of Mapped Soil Series in Proposed Lewis-Clark AVA Area With Soils in the Mollisol Soil Order Shown in Bold

AGATHA	ULTIC HAPLOXEROLFS, LOAMY-SKELETAL, MIXED, FRIGID	LAWYER	PACHIC ULTIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
AHSAHKA	TYPIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC	LICKSKILLET	LITHIC HAPLOXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
ALMOTA	CALCIC HAPLOXEROLLS, FINE-LOAMY, MIXED, MESIC	LINVILLE	PACHIC HAPLOXEROLLS, FINE-LOAMY, MIXED, MESIC
ALPOWA	CALCIC HAPLOXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	LOCHSA	PACHIC HAPLUMBREPTS, COARSE-LOAMY, MIXED, FRIGID
AQUIC XEROFLUVENTS	AQUIC XEROFLUVENTS	MELAND	ULTIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC
ASOTIN	CALCIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC	NAFF	ULTIC ARGIXEROLLS, FINE-SILTY, MIXED, MESIC
ATHENA	PACHIC HAPLOXEROLLS, FINE-SILTY, MIXED, MESIC	NANSENE	PACHIC HAPLOXEROLLS, COARSE-SILTY, MIXED, MESIC
BECHTEL	VITRANDIC GLOSSOBORALFS, FINE-LOAMY, MIXED	NEZ PERCE	XERIC ARGIALBOLLS, FINE, MONTMORILLONITIC, MESIC
BLUESPRIN	ULTIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	NICODEMUS	CUMULIC ULTIC HAPLOXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
BOLICKER	CALCIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC	NIMS	CALCIC HAPLOXEROLLS, FINE-LOAMY, MIXED, MESIC
BROADAX	CALCIC ARGIXEROLLS, FINE-SILTY, MIXED, MESIC	OLICAL	CALCIC HAPLOXEROLLS, COARSE-SILTY, MIXED, MESIC
BRODY	TYPIC VITRICRYANDS, ASHY-SKELETAL, MIXED, FRIGID	OLIPHANT	PACHIC HAPLOXEROLLS, COARSE-SILTY, MIXED, MESIC CALCIC
BROWER	ENTIC HAPLOXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	PALOUSE	PACHIC ULTIC HAPLOXEROLLS, FINE-SILTY, MIXED, MESIC
BRYDEN	TYPIC DURIXEROLLS, FINE-SILTY, MIXED, MESIC	PEOLA	CALCIC PACHIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC
CALOUSE	CALCIC PACHIC HAPLOXEROLLS, FINE-SILTY, MIXED, MESIC	REDMORE	TYPIC NATRIXEROLLS, FINE, MONTMORILLONITIC, MESIC
CAVENDISH	ULTIC HAPLOXEROLFS, FINE-LOAMY, MIXED, FRIGID	ROLOFF	ARIDIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC
CHARD	CALCIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC	SANTA	OCHREPTIC FRAGIXEROLFS, COARSE-SILTY, MIXED, FRIGID
COPPERFIELD	PACHIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	SCHUELKE	CALCIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
CRAMONT	VITRANDIC HAPLOXEROLFS, FINE, MONTMORILLONITIC, FRIGID	SETTERS	ULTIC PALEXEROLLS, FINE, MONTMORILLONITIC, FRIGID
CRUMARINE	AQUIC XEROFLUVENTS, COARSE-LOAMY, MIXED, NONACID, FRIGID	SLICKPOO	CALCIC PACHIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC
DALLESFORT	TYPIC HAPLOXEROLLS, SANDY-SKELETAL, MIXED, MESIC	SLY	VITRANDIC GLOSSOBORALFS, FINE-LOAMY, MIXED
DRAGNOT	TYPIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC	SOUTHWICK	BORALFIC ARGIXEROLLS, FINE-SILTY, MIXED, MESIC
DRISCOLL	ULTIC PALEXEROLLS, FINE, MONTMORILLONITIC, MESIC	SPOFFORD	TYPIC NATRIXEROLLS, FINE-SILTY, MIXED, MESIC
ENDICOTT	HAPLIC DURIXEROLLS, COARSE-SILTY, MIXED, MESIC	SUTTLE	TYPIC CRYUMBREPTS, COARSE-LOAMY, MIXED
FERDINAND	CALCIC ARGIXEROLLS, CLAYEY-SKELETAL, MONTMORILLONITIC, MESIC	TALMAKS	VITRANDIC HAPLOXEROLFS, FINE-SILTY, MIXED, FRIGID
GARFIELD	MOLLIC HAPLOXEROLFS, FINE, MIXED, MESIC	TAMMANY	CALCIC HAPLOXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
GWIN	LITHIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	TANEY	VITRANDIC ARGIXEROLLS, FINE-SILTY, MIXED, SUPERACTIVE, FRIGID
HATWAI	TYPIC NATRIXEROLLS, FINE-SILTY, MIXED, MESIC	TANNAHILL	CALCIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
HOOVERTON	TYPIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	THATUNA	BORALFIC ARGIXEROLLS, FINE-SILTY, MIXED, MESIC
INMIG	TYPIC ARGIXEROLLS, CLAYEY-SKELETAL, MONTMORILLONITIC, MESIC	TILMA	XERIC ARGIALBOLLS, FINE, MIXED, MESIC
JACKET	PACHIC ULTIC ARGIXEROLLS, FINE, MONTMORILLONITIC, MESIC	TOMBEALL	CUMULIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC
JOEL	BORALFIC ARGIXEROLLS, FINE-SILTY, MIXED, FRIGID	UHLIG	PACHIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC
JOHNSON	ULTIC ARGIXEROLLS, FINE-LOAMY, MIXED, FRIGID	UHLORN	TYPIC ARGIXEROLLS, FINE-SILTY, MIXED, MESIC
KETTENBACH	PACHIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	VOLLMER	TYPIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC
KEUTERVILLE	ULTIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	WAHA	PACHIC ARGIXEROLLS, FINE-LOAMY, MIXED, MESIC
KLICKSON	ULTIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, FRIGID	WALLA WALLA	TYPIC HAPLOXEROLLS, COARSE-SILTY, MIXED, MESIC
KONERT	TYPIC ARGIAQUOLLS, FINE, MIXED, MESIC	WEEDMARK	ULTIC HAPLUDALFS, FINE-LOAMY, MIXED, MESIC
KOOSKIA	XERIC ARGIALBOLLS, FINE, MONTMORILLONITIC, MESIC	WEISSENFELS	DURIC NATRIXEROLLS, FINE, MIXED, MESIC
KUHL	LITHIC HAPLOXEROLLS, LOAMY, MIXED, MESIC	WELLSBENCH	PACHIC ULTIC ARGIXEROLLS, CLAYEY-SKELETAL, MONTMORILLONITIC, MESIC
LACY	LITHIC ULTIC ARGIXEROLLS, LOAMY-SKELETAL, MIXED, MESIC	WILKINS	XERIC ARGIALBOLLS, FINE, MONTMORILLONITIC, FRIGID
LAKI	TYPIC HAPLOXEROLLS, FINE-LOAMY, MIXED, MESIC	WISTONA	FLUVENTIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC
LAPWAI	CUMULIC HAPLOXEROLLS, COARSE-LOAMY, MIXED, MESIC	WRENTHAM	PACHIC HAPLOXEROLLS, LOAMY-SKELETAL, MIXED, MESIC
LARKIN	ULTIC ARGIXEROLLS, FINE-SILTY, MIXED, MESIC	YAKUS	LITHIC HAPLOXEROLLS, LOAMY, MIXED, MESIC
LATAH	XERIC ARGIALBOLLS, FINE, MIXED, MESIC	ZAZA	LITHIC XEROCHREPTS, LOAMY-SKELETAL, MIXED, FRIGID

Table 5. Map Units and Dominant Soil Series from STATSGO2 in Figure 6 General Soils Map

General Soil Map Unit Name (Fig 6)	STATSGO2 Map Unit Symbol	WA or ID Map Unit	Soils	Dominant Soil Order of Named Series in STATSGO2 Map Units	Acres in General Soil Map Unit
Soils of Canyon sides and Terraces, Grassland	s2226 s6364 s8388 s8419 s8423	ID WA WA/ID WA WA	Tannahill-Rock outcrop-Lawyer-Ferdinand-Bluesprin (s2226) Schuelke-Licksillet-Bolicker-Asotin (s6364) Kuhl-Alpowa (s8388) Rock outcrop-Linville-Gwin (s8419) Walla Walla-Roloff-Laki-Chard (s8423)	Mollisols Mollisols Mollisols Mollisols Mollisols	92076
Soils of Plateaus and Benches, Grassland	s2117 s2131 s2132 s8371 s8373	ID ID ID WA WA	Oliphant-Hatwai-Endicott-Broadax (s2117) Oliphant-Chard (s2131) Wistona-Urban land-Chard (s2132) Dallesport-Chard (s8371) Weissenfels-Nims (s8373)	Mollisols Mollisols Mollisols Mollisols Mollisols	74882
Soils of Plateaus and Benches, Shrubland	s2111 s2112 s2133 s8387	ID ID ID ID	Keuterville-Kettenbach-Jacket-Hooverton (s2111) Naff-Linville-Kettenbach (s2112) Southwick-Larkin-Driscoll (s2133) Thatuna-Palouse-Naff (s8387)	Mollisols Mollisols Mollisols Mollisols	73039
Soils of Canyon sides, Grassland and Dry Forest	s2110 s2124 s2125	ID ID ID	Klickson-Kettenbach-Hooverton (s2110) Kettenbach-Gwin-Driscoll (s2124) Southwick-Klickson-Bluesprin (s2125)	Mollisols Mollisols Mollisols	28945
Soils of Canyon sides, Forested	s2126 s2127 s2148	ID ID ID	Klickson-Kettenbach (s2126) Johnson-Dragnot dry-Dragnot (s2127) Sly-Klickson-Agatha (s2148)	Mollisols Mollisols Alfisols & Mollisols	27032
Soils of Valley Floors	s2152	ID	Crumarine-Aquic Xerofluvents (s2152)	Entisols	3558
Water	s8369		Water (s8369)	NA	3504
TOTAL					303035
Note: Acreage total here is slightly different (303,035 ac) than that quoted elsewhere in petition (306,658 ac) because it includes water in the NRCS database used to calculate this table and because a different map projection was used.					

Table 6. AVA Distinguishing Features Table Showing Comparisons of Proposed Lewis-Clark Valley AVA Area to the Existing Columbia Valley AVA

Features	In Proposed Lewis-Clark Valley AVA	In Existing Columbia Valley AVA	New or Shared Distinguishing Feature?
<u>Geographic Boundaries</u> Petition page(s): 30 Exhibit(s): Figures, 1, 2, 8; ATF 1984	Columbia Valley & Blue Mtns to W; Palouse to N; Bitterroot (Rocky) Mtns to E; Hell's Canyon to S	Cascade Mtns to W; Okanogan Highlands to N; Spokane Valley and Palouse to E; Blue Mtns & 2000' contour to S	<i>new</i>
<u>Rain Shadow</u> Petition page(s): 30 Exhibit(s): Petition Figures 1, 2, 8	Rain shadow created in downwind lee of Blue Mountains	Rain shadow created in downwind lee of Cascade Mountains	<i>new</i>
<u>Climate: Temperature</u> Petition page(s): 30-31 Exhibit(s): Petition Table 2	52.5 °F avg of 2 stations in T.2	53.7 °F avg of 3 sub AVAs in T.2	shared
<u>Climate: Precipitation</u> Petition page(s): 31 Exhibit(s): Petition Figure 5 and Table 2; ATF, 1984	17.0" avg of 2 stations in T.2	5.4" avg of 3 sub AVAs in T.2 ATF: 15" or less	shared/ <i>new</i>
<u>Climate: Solar Radiation</u> Petition page(s): 31	Nearly cloudless summer maximizes growing season radiation	Nearly cloudless summer maximizes growing season radiation	shared
<u>Climate: Wind</u> Petition page(s): 31	Moderate in growing season	Strong to very strong in growing season	<i>new</i>
<u>Other Climate Data: Degree Days</u> Petition page(s): 31 Exhibit(s): Table 2; ATF, 1984	2825 avg of 2 stations in T.2	3102 avg of 3 sub AVAs in T.2 ATF: 2000-3000	shared/ <i>new</i>
<u>Geology: Bedrock</u> Petition page(s): 31-32 Exhibit(s): Petition Figure 7; USGS, 2011	Miocene-age flood basalts in central & western area; Cretaceous-age granitics & pre-Cambrian metamorphic rocks in eastern area	Miocene-age flood basalts	basalt bedrock: shared older bedrock: <i>new</i>
<u>Geology: Quaternary Geology</u> Petition page(s): 32-33 Exhibit(s): Petition Figure 7; USGS, 2011	Bedrock of several types and ages including basalt is veneered by Quaternary-age flood sediments generally less than tens of feet thick from glacial Lake Bonneville in UT as well as Lake Missoula in MT; loess < 6 ft. thick; and mixed slope sediment on steep canyon walls	Bedrock that is exclusively basalt is veneered by Quaternary-age loess from a few feet to over 300 feet thick and Quaternary-age flood deposits from Lake Missoula fill massive depositional basins up to hundreds of ft thick	Quaternary landforms and deposits: <i>new</i>

Table 6 (Cont.) AVA Distinguishing Features Table Showing Comparisons of Proposed Lewis-Clark Valley AVA Area to the Existing Columbia Valley AVA

Features	In Proposed Lewis-Clark Valley AVA	In Existing Columbia Valley AVA	New or Shared Distinguishing Feature?
Soils Petition page(s): 33-34 Exhibit(s): Petition Figures 6, 9, 10; Boling et al., 1998	Mollisols >95%; silt loam textures dominate	Aridisols and Entisols comprise est'd >80% of AVA; minor Mollisols; all soil textures from gravel to sand to silt loam	<i>new</i>
Physical Features/ Landform and Elevation Petition page(s): 34-35 Exhibit(s): Figures 1, 2, 8; ATF, 1984	High relief bench, plateau, and steep-sided canyon lands with dendritic river pattern; est'd avg elev 1200 ft; min elev 743 ft at reservoir of Lower Granite dam; max elev 1968 ft	Low-relief benched basalt scablands, shallow and wide valleys and large depositional basins with 'long, sloping basaltic uplifts extending generally in an east-west direction (ATF, 1984); est'd avg elev 700 ft; min elev 79 ft at reservoir of Bonneville dam on Columbia River; max elev 2800 ft	physical features: <i>new</i> landform: <i>new</i> elevation: <i>new</i>
Other: Watershed Source Petition page(s): 35 Exhibit(s): Figures 1, 2, 8	Clearwater and Snake rivers from ID Bitterroot (Rocky) Mountains (Clearwater R source) and WY Yellowstone area (Snake R source)	Main stem of Columbia River from BC Canada (and secondarily Snake River, though undeveloped for viticulture in AVA reach)	<i>new</i>