

## **Attachment D**

# **Landfill Capacity Documentation**



**KING COUNTY SOLID WASTE DIVISION  
CEDAR HILLS REGIONAL LANDFILL CAPACITY**

Disposal Areas		Area 7 <sup>1</sup>	Area 8 <sup>2</sup>	Areas 5 & 6	Total System Capacity
Area Capacity (CY)		--	7,621,000	3,030,000	10,651,000
Area Capacity (tons) @ 1600 lbs/CY		--	6,096,800	2,424,000	8,520,800
Date	Monthly Tonnage <sup>3</sup>	Area 7 Remaining Capacity (tons)	Area 8 Remaining Capacity (tons)	Areas 5 & 6 Remaining Capacity (tons)	Total Remaining Capacity (tons)
October, 2019	4,818	--	6,091,982	2,424,000	8,515,982
November, 2019	67,988	--	6,023,994	2,424,000	8,447,994
December, 2019	70,481	--	5,953,513	2,424,000	8,377,513
January, 2020	71,146	--	5,882,367	2,424,000	8,306,367
February, 2020	67,065	--	5,815,302	2,424,000	8,239,302
March, 2020	75,373	--	5,739,929	2,424,000	8,163,929
April, 2020	75,373	--	5,664,556	2,424,000	8,088,556
May, 2020	75,373	--	5,589,183	2,424,000	8,013,183
June, 2020	75,373	--	5,513,810	2,424,000	7,937,810
July, 2020	75,373	--	5,438,437	2,424,000	7,862,437
August, 2020	75,373	--	5,363,064	2,424,000	7,787,064
September, 2020	75,373	--	5,287,691	2,424,000	7,711,691
October, 2020	75,373	--	5,212,318	2,424,000	7,636,318
November, 2020	75,373	--	5,136,945	2,424,000	7,560,945
December, 2020	75,373	--	5,061,572	2,424,000	7,485,572
January, 2021	75,858	--	4,985,714	2,424,000	7,409,714
February, 2021	75,858	--	4,909,855	2,424,000	7,333,855
March, 2021	75,858	--	4,833,997	2,424,000	7,257,997
April, 2021	75,858	--	4,758,139	2,424,000	7,182,139
May, 2021	75,858	--	4,682,280	2,424,000	7,106,280
June, 2021	75,858	--	4,606,422	2,424,000	7,030,422
July, 2021	75,858	--	4,530,564	2,424,000	6,954,564
August, 2021	75,858	--	4,454,705	2,424,000	6,878,705
September, 2021	75,858	--	4,378,847	2,424,000	6,802,847
October, 2021	75,858	--	4,302,989	2,424,000	6,726,989
November, 2021	75,858	--	4,227,130	2,424,000	6,651,130
December, 2021	75,858	--	4,151,272	2,424,000	6,575,272
January, 2022	77,142	--	4,074,130	2,424,000	6,498,130
February, 2022	77,142	--	3,996,989	2,424,000	6,420,989

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Area Capacity (CY)		--	7,621,000	3,030,000	10,651,000
Area Capacity (tons) @ 1600 lbs/CY		--	6,096,800	2,424,000	8,520,800
Date	Monthly Tonnage <sup>3</sup>	Area 7 Remaining Capacity (tons)	Area 8 Remaining Capacity (tons)	Areas 5 & 6 Remaining Capacity (tons)	Total Remaining Capacity (tons)
March, 2022	77,142	--	3,919,847	2,424,000	6,343,847
April, 2022	77,142	--	3,842,706	2,424,000	6,266,706
May, 2022	77,142	--	3,765,564	2,424,000	6,189,564
June, 2022	77,142	--	3,688,423	2,424,000	6,112,423
July, 2022	77,142	--	3,611,281	2,424,000	6,035,281
August, 2022	77,142	--	3,534,139	2,424,000	5,958,139
September, 2022	77,142	--	3,456,998	2,424,000	5,880,998
October, 2022	77,142	--	3,379,856	2,424,000	5,803,856
November, 2022	77,142	--	3,302,715	2,424,000	5,726,715
December, 2022	77,142	--	3,225,573	2,424,000	5,649,573
January, 2023	77,412	--	3,148,161	2,424,000	5,572,161
February, 2023	77,412	--	3,070,750	2,424,000	5,494,750
March, 2023	77,412	--	2,993,338	2,424,000	5,417,338
April, 2023	77,412	--	2,915,927	2,424,000	5,339,927
May, 2023	77,412	--	2,838,515	2,424,000	5,262,515
June, 2023	77,412	--	2,761,104	2,424,000	5,185,104
July, 2023	77,412	--	2,683,692	2,424,000	5,107,692
August, 2023	77,412	--	2,606,280	2,424,000	5,030,280
September, 2023	77,412	--	2,528,869	2,424,000	4,952,869
October, 2023	77,412	--	2,451,457	2,424,000	4,875,457
November, 2023	77,412	--	2,374,046	2,424,000	4,798,046
December, 2023	77,412	--	2,296,634	2,424,000	4,720,634
January, 2024	77,682	--	2,218,952	2,424,000	4,642,952
February, 2024	77,682	--	2,141,271	2,424,000	4,565,271
March, 2024	77,682	--	2,063,589	2,424,000	4,487,589
April, 2024	77,682	--	1,985,908	2,424,000	4,409,908
May, 2024	77,682	--	1,908,226	2,424,000	4,332,226
June, 2024	77,682	--	1,830,545	2,424,000	4,254,545
July, 2024	77,682	--	1,752,863	2,424,000	4,176,863

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Area Capacity (tons) @ 1600 lbs/CY		--	6,096,800	2,424,000	8,520,800
Date	Monthly Tonnage <sup>3</sup>	Area 7 Remaining Capacity (tons)	Area 8 Remaining Capacity (tons)	Areas 5 & 6 Remaining Capacity (tons)	Total Remaining Capacity (tons)
August, 2024	77,682	--	1,675,181	2,424,000	4,099,181
September, 2024	77,682	--	1,597,500	2,424,000	4,021,500
October, 2024	77,682	--	1,519,818	2,424,000	3,943,818
November, 2024	77,682	--	1,442,137	2,424,000	3,866,137
December, 2024	77,682	--	1,364,455	2,424,000	3,788,455
January, 2025	77,739	--	1,286,716	2,424,000	3,710,716
February, 2025	77,739	--	1,208,978	2,424,000	3,632,978
March, 2025	77,739	--	1,131,239	2,424,000	3,555,239
April, 2025	77,739	--	1,053,500	2,424,000	3,477,500
May, 2025	77,739	--	975,761	2,424,000	3,399,761
June, 2025	77,739	--	898,023	2,424,000	3,322,023
July, 2025	77,739	--	820,284	2,424,000	3,244,284
August, 2025	77,739	--	742,545	2,424,000	3,166,545
September, 2025	77,739	--	664,806	2,424,000	3,088,806
October, 2025	77,739	--	587,068	2,424,000	3,011,068
November, 2025	77,739	--	509,329	2,424,000	2,933,329
December, 2025	77,739	--	431,590	2,424,000	2,855,590
January, 2026	77,796	--	353,794	2,424,000	2,777,794
February, 2026	77,796	--	275,998	2,424,000	2,699,998
March, 2026	77,796	--	198,202	2,424,000	2,622,202
April, 2026	77,796	--	120,406	2,424,000	2,544,406
May, 2026	77,796	--	42,610	2,424,000	2,466,610
June, 2026	77,796	--	--	2,388,815	2,388,815
July, 2026	77,796	--	--	2,311,019	2,311,019
August, 2026	77,796	--	--	2,233,223	2,233,223
September, 2026	77,796	--	--	2,155,427	2,155,427
October, 2026	77,796	--	--	2,077,631	2,077,631
November, 2026	77,796	--	--	1,999,835	1,999,835
December, 2026	77,796	--	--	1,922,039	1,922,039

**KING COUNTY SOLID WASTE DIVISION  
CEDAR HILLS REGIONAL LANDFILL CAPACITY**

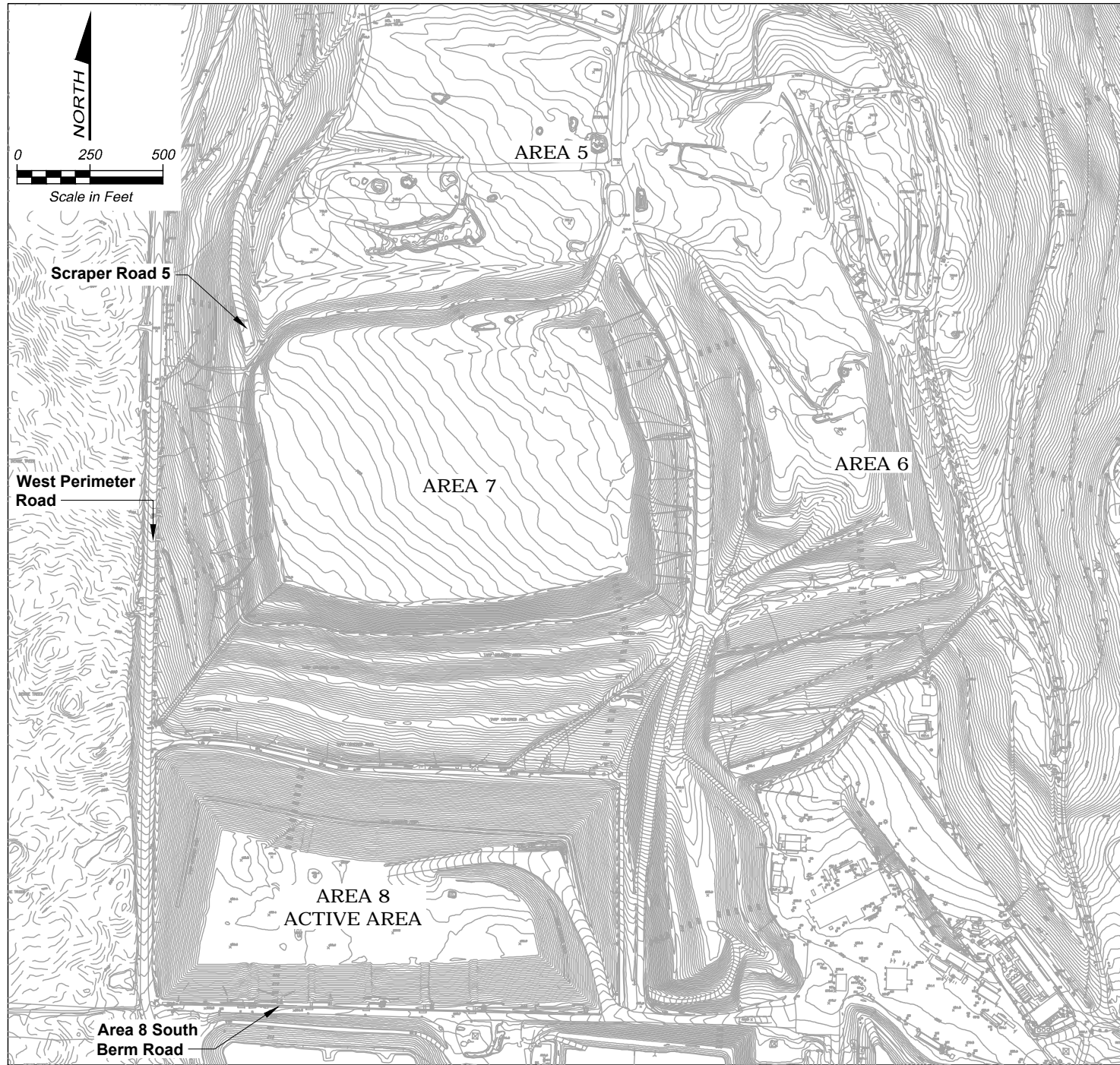
Disposal Areas		Area 7 <sup>1</sup>	Area 8 <sup>2</sup>	Areas 5 & 6	Total System Capacity
Area Capacity (CY)		--	7,621,000	3,030,000	10,651,000
Area Capacity (tons) @ 1600 lbs/CY		--	6,096,800	2,424,000	8,520,800
Date	Monthly Tonnage <sup>3</sup>	Area 7 Remaining Capacity (tons)	Area 8 Remaining Capacity (tons)	Areas 5 & 6 Remaining Capacity (tons)	Total Remaining Capacity (tons)
January, 2027	78,273	--	--	1,843,766	1,843,766
February, 2027	78,273	--	--	1,765,493	1,765,493
March, 2027	78,273	--	--	1,687,219	1,687,219
April, 2027	78,273	--	--	1,608,946	1,608,946
May, 2027	78,273	--	--	1,530,673	1,530,673
June, 2027	78,273	--	--	1,452,400	1,452,400
July, 2027	78,273	--	--	1,374,126	1,374,126
August, 2027	78,273	--	--	1,295,853	1,295,853
September, 2027	78,273	--	--	1,217,580	1,217,580
October, 2027	78,273	--	--	1,139,307	1,139,307
November, 2027	78,273	--	--	1,061,033	1,061,033
December, 2027	78,273	--	--	982,760	982,760
January, 2028	79,053	--	--	903,708	903,708
February, 2028	79,053	--	--	824,655	824,655
March, 2028	79,053	--	--	745,603	745,603
April, 2028	79,053	--	--	666,550	666,550
May, 2028	79,053	--	--	587,498	587,498
June, 2028	79,053	--	--	508,445	508,445
July, 2028	79,053	--	--	429,393	429,393
August, 2028	79,053	--	--	350,340	350,340
September, 2028	79,053	--	--	271,288	271,288
October, 2028	79,053	--	--	192,235	192,235
November, 2028	79,053	--	--	113,183	113,183
December, 2028	79,053	--	--	34,130	34,130
January, 2029	83,390	--	--	--	--

<sup>1</sup> Area 7 stopped receiving waste as of summer of 2019.

<sup>2</sup> Area 8 Capacity: 7,621,000 CY remaining as calculated from October 29th, 2019 aerial.

<sup>3</sup> Monthly tonnage based on February 2020 forecast for March, 2020 and beyond.

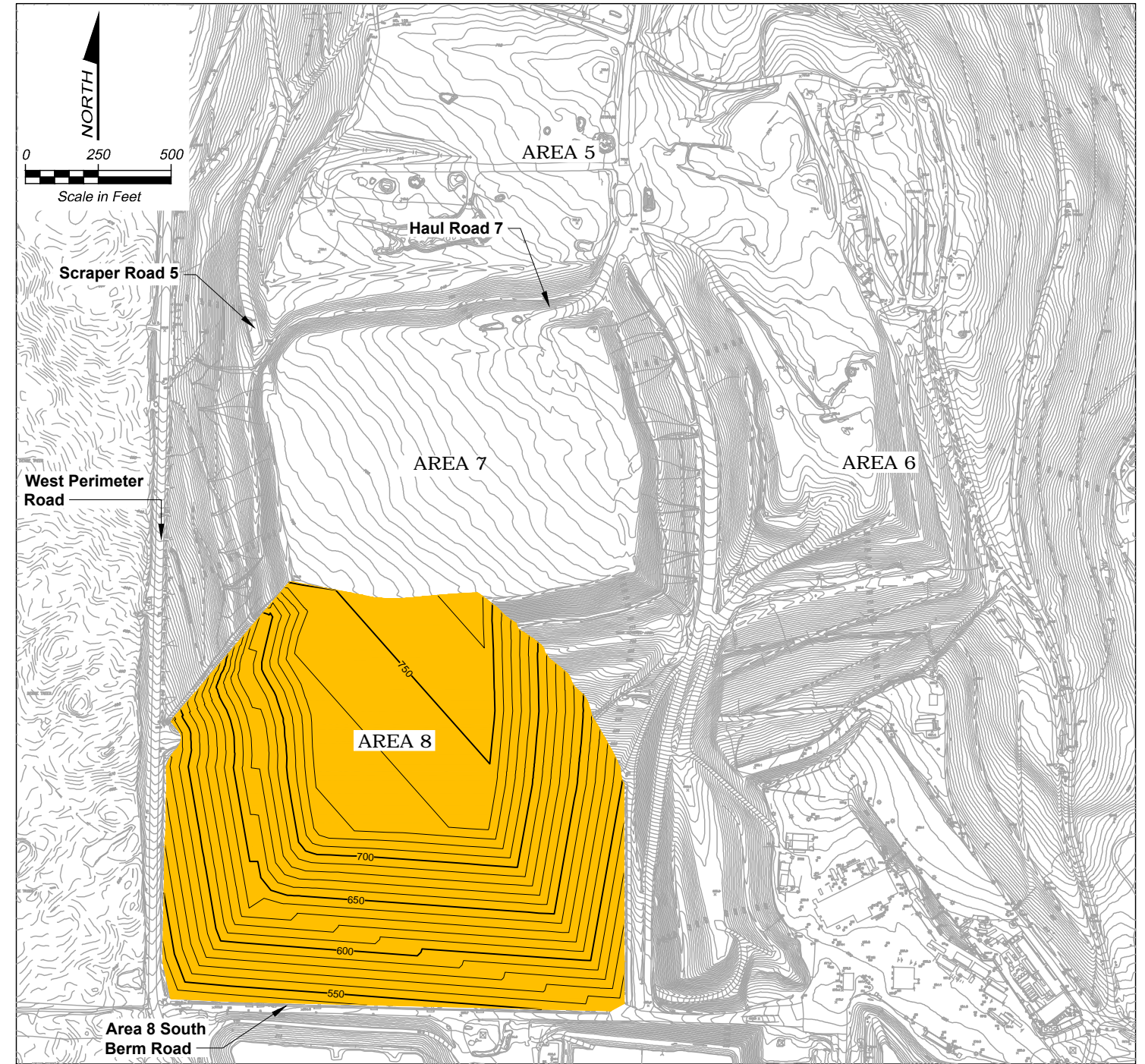
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 Xref Filename: | X19-10628\_Ex\_Topo | X19-10628\_Prop\_Road | X19-10628\_Area 8 No Action Alt | X19-10628\_Scraper Rd 5 | X19-10628\_Haul Rd 6 |



**EXISTING CONDITIONS**

THE EXISTING CONDITIONS INCLUDES THE FOLLOWING ELEMENTS:

- AREA 8 ACTIVE FILLING; 219,000 CY
- FALL 2019 AERIAL, FLOWN OCTOBER 29, 2019

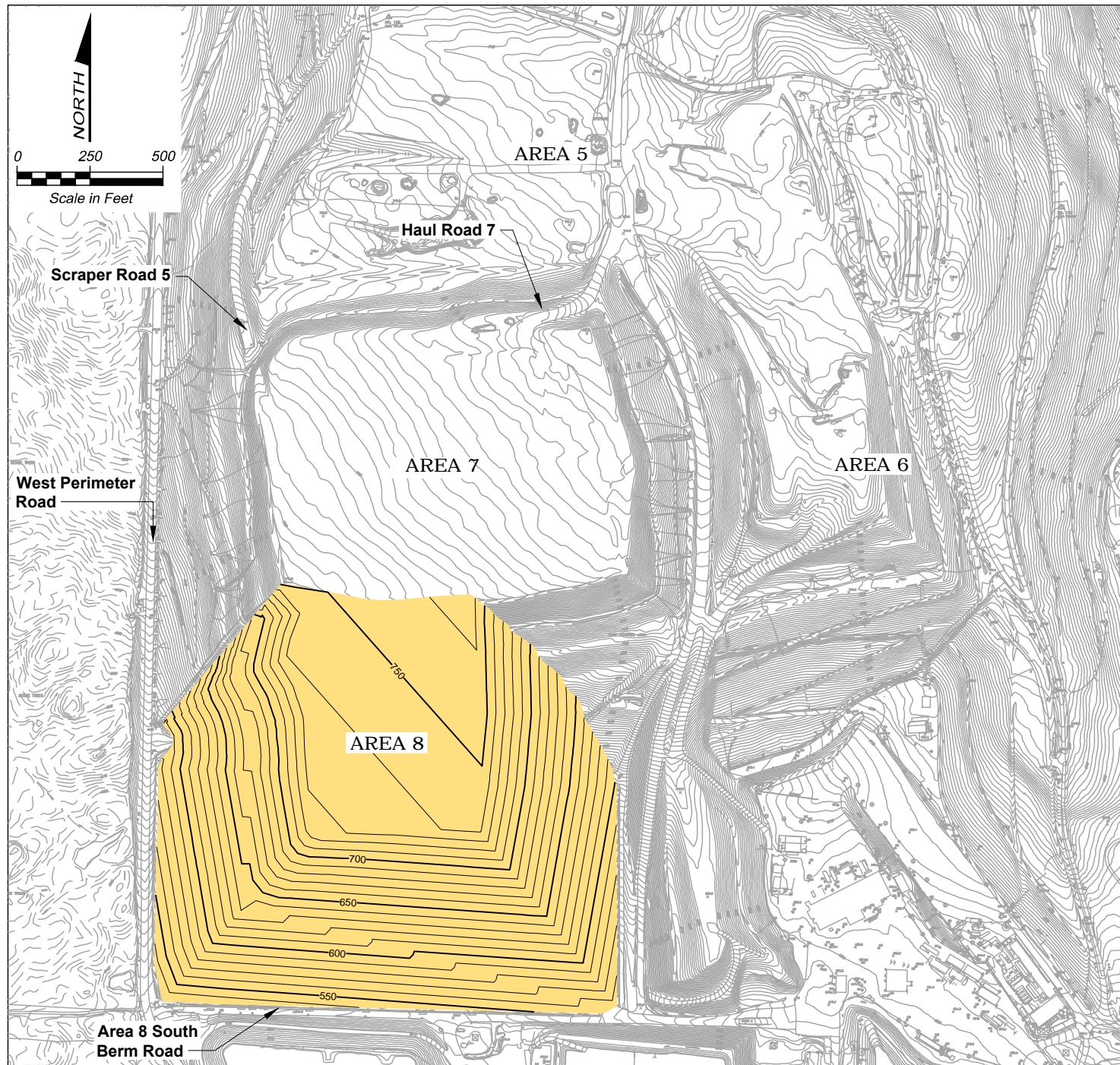


**PROPOSED CONDITIONS**

AREA 8 TOP DECK WITH CONSTANT 4% SLOPE FROM NE CORNER TO SW CORNER

**VOLUME:**  
7.84 MCY

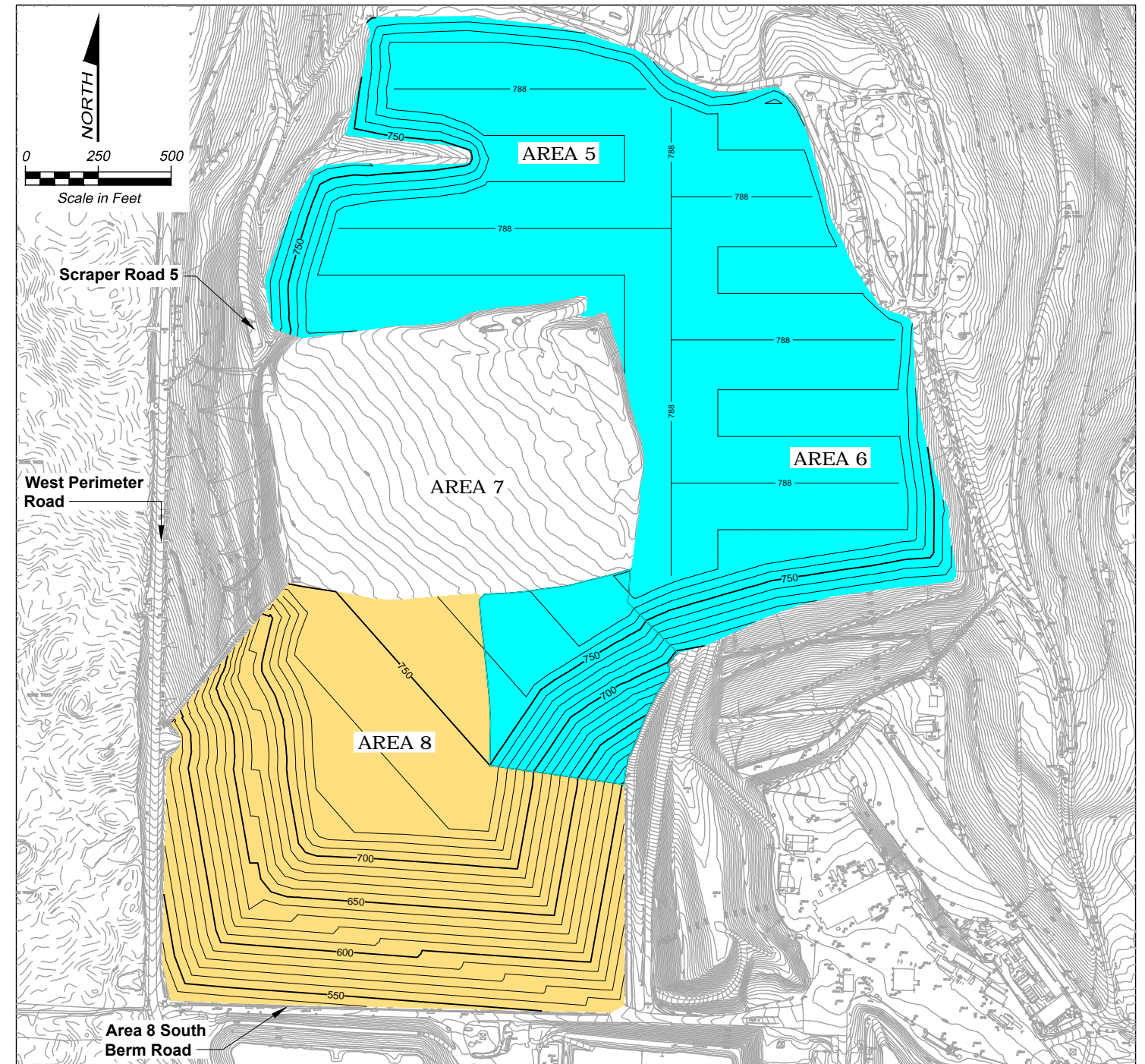
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**EXISTING CONDITIONS**

THE EXISTING CONDITIONS INCLUDES THE FOLLOWING ELEMENTS:

- AREA 8 PROPOSED FULL; 7.84 MCY
- FALL 2019 AERIAL, FLOWN OCTOBER 29, 2019



**PROPOSED CONDITIONS**

AREA 8 TOP DECK WITH WITH CONSTANT 4% SLOPE FROM NE CORNER TO SW CORNER; AREA 5 & 6 TOP DECK

**VOLUME:**

AREA 8: 7.84 MCY  
 AREA 5 & 6: 3.03 MCY

**NET VOLUME:**

10,870,000 CY