

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	FILLING			TOTAL FILLING (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME, STATION (m ³)
			AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)				
2 + 460,000	0.0	17.7	17.0	0.0	340.0	0.0	340.0	-164,531.5	2 + 460,000
2 + 480,000	0.0	18.8	18.3	365.0	0.0	365.0	-365.0	-164,886.5	2 + 480,000
2 + 500,000	0.0	19.5	19.2	383.0	0.0	383.0	-383.0	-163,279.5	2 + 500,000
2 + 520,000	0.0	19.7	19.6	392.0	0.0	392.0	-392.0	-166,571.5	2 + 520,000
2 + 540,000	0.0	18.8	19.3	385.0	0.0	385.0	-385.0	-166,086.5	2 + 540,000
2 + 560,000	0.0	11.7	15.3	305.0	0.0	305.0	-305.0	-166,361.5	2 + 560,000
2 + 580,000	0.0	21.4	16.6	331.0	0.0	331.0	-331.0	-166,891.5	2 + 580,000
2 + 600,000	0.0	13.2	17.3	346.0	0.0	346.0	-346.0	-167,031.5	2 + 600,000
2 + 620,000	0.0	14.5	13.9	277.0	0.0	277.0	-277.0	-167,311.5	2 + 620,000
2 + 640,000	0.0	23.1	18.8	376.0	0.0	376.0	-376.0	-167,691.5	2 + 640,000
2 + 660,000	0.0	22.4	22.8	455.0	0.0	455.0	-455.0	-168,146.5	2 + 660,000
2 + 680,000	0.0	19.3	20.9	417.6	0.0	417.6	-417.6	-168,568.5	2 + 680,000
2 + 700,000	0.0	18.3	19.1	361.0	0.0	381.0	-381.0	-168,944.5	2 + 700,000
2 + 720,000	0.0	20.2	19.5	390.0	0.0	390.0	-390.0	-169,334.5	2 + 720,000
2 + 727,035	0.0	19.3	20.0	140.7	0.0	140.7	-140.7	-169,475.2	2 + 727,035
2 + 740,000	0.0	21.0	20.4	264.5	0.0	264.5	-264.5	-169,759.7	2 + 740,000
2 + 760,000	0.0	16.6	18.8	376.0	0.0	376.0	-376.0	-170,115.7	2 + 760,000
2 + 780,000	0.0	17.8	17.2	344.0	0.0	344.0	-344.0	-170,459.7	2 + 780,000
2 + 800,000	0.0	18.6	18.2	364.0	0.0	364.0	-364.0	-170,823.7	2 + 800,000
2 + 820,000	0.0	17.6	18.1	362.0	0.0	362.0	-362.0	-171,185.7	2 + 820,000
2 + 840,000	0.0	17.0	17.3	346.0	0.0	346.0	-346.0	-171,531.7	2 + 840,000
2 + 860,000	0.0	18.6	17.8	366.0	0.0	366.0	-366.0	-171,887.7	2 + 860,000
2 + 880,000	0.0	16.3	17.5	349.0	0.0	349.0	-349.0	-172,236.7	2 + 880,000
2 + 900,000	0.0	18.1	17.2	344.0	0.0	344.0	-344.0	-172,580.7	2 + 900,000
2 + 920,000	0.0	18.2	18.2	363.0	0.0	363.0	-363.0	-172,933.7	2 + 920,000
2 + 940,000	0.0	16.6	17.4	348.0	0.0	348.0	-348.0	-173,291.7	2 + 940,000
2 + 960,000	0.0	14.2	15.4	368.0	0.0	368.0	-368.0	-172,599.7	2 + 960,000
2 + 980,000	0.0	14.8	14.5	296.0	0.0	296.0	-296.0	-173,889.7	2 + 980,000
3 + 0,000	0.0	11.2	13.0	268.0	0.0	268.0	-268.0	-174,149.7	3 + 0,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME: TOTAL (m ³)	FILLING			CROSS FILLING (m ³)	DEDUCTION FILLING (m ³)	ACCUMULATE VOLUME (m ³)
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)			
3 + 20.000	0.0	11.9	11.6	231.0	0.0	231.0	-174.380.7 3 + 20.000
3 + 40.000	0.0	12.8	12.4	247.0	0.0	247.0	-174.627.7 3 + 40.000
3 + 60.000	0.0	13.2	13.0	260.0	0.0	260.0	-174.887.7 3 + 60.000
3 + 80.000	0.0	10.9	12.1	241.0	0.0	241.0	-175.126.7 3 + 80.000
3 + 100.000	0.0	10.7	10.8	216.0	0.0	216.0	-175.344.7 3 + 100.000
3 + 120.000	0.0	11.8	11.3	225.0	0.0	225.0	-175.569.7 3 + 120.000
3 + 140.000	0.0	9.0	10.4	208.0	0.0	208.0	-175.777.7 3 + 140.000
3 + 160.000	0.0	12.6	10.8	216.0	0.0	216.0	-175.997.7 3 + 160.000
3 + 180.000	0.0	12.0	12.3	246.0	0.0	246.0	-176.239.7 3 + 180.000
3 + 200.000	0.0	14.8	13.4	268.0	0.0	268.0	-176.507.7 3 + 200.000
3 + 220.000	0.0	20.2	17.5	350.0	0.0	350.0	-176.857.7 3 + 220.000
3 + 240.000	0.0	14.0	17.1	342.0	0.0	342.0	-177.199.7 3 + 240.000
3 + 260.000	0.0	16.6	12.4	246.0	0.0	246.0	-177.447.7 3 + 260.000
3 + 280.000	0.0	12.4	11.6	232.0	0.0	232.0	-177.679.7 3 + 280.000
3 + 300.000	0.0	11.7	12.1	241.0	0.0	241.0	-177.920.7 3 + 300.000
3 + 320.000	0.0	13.6	12.7	233.0	0.0	233.0	-178.173.7 3 + 320.000
3 + 340.000	0.0	13.9	13.8	275.0	0.0	275.0	-178.448.7 3 + 340.000
3 + 360.000	0.0	14.9	14.4	288.0	0.0	288.0	-178.736.7 3 + 360.000
3 + 380.000	0.0	13.8	14.4	257.0	0.0	257.0	-179.022.7 3 + 380.000
3 + 400.000	0.0	14.0	13.9	278.0	0.0	278.0	-179.301.7 3 + 400.000
3 + 420.000	0.0	15.6	14.8	296.0	0.0	296.0	-179.597.7 3 + 420.000
3 + 440.000	0.0	14.2	14.9	298.0	0.0	298.0	-179.895.7 3 + 440.000
3 + 460.000	0.0	16.4	15.3	306.0	0.0	306.0	-180.201.7 3 + 460.000
3 + 480.000	0.0	15.9	16.2	323.0	0.0	323.0	-180.514.7 3 + 480.000
3 + 500.000	0.0	15.6	15.8	315.0	0.0	315.0	-180.839.7 3 + 500.000
3 + 520.000	0.0	13.1	14.4	133.4	0.0	133.4	-180.973.1 3 + 500.294
3 + 540.000	0.0	12.9	9.3	185.0	0.0	185.0	-181.375.2 3 + 540.000
3 + 560.000	0.0	15.4	14.2	283.0	0.0	283.0	-181.541.2 3 + 560.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING		FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME		
	COMPACTED VOLUME	SUCTION	AVERAGE VOLUME	ADDITIONAL FILLING	TOTAL FILLING	(m ³)	(m ³)	(m ³)				
3 + 380,000	0.0	17.4	16.4	328.0	0.0	328.0	0.0	328.0	-181,969.2	3 + 580,000		
3 + 580,000	0.0	16.9	17.2	343.0	0.0	343.0	0.0	343.0	-182,212.2	3 + 680,000		
3 + 620,000	0.0	11.5	14.2	284.0	0.0	284.0	0.0	284.0	-182,496.2	3 + 620,000		
3 + 640,000	0.0	11.4	11.5	229.0	0.0	229.0	0.0	229.0	-182,725.2	3 + 640,000		
3 + 660,000	0.0	15.9	13.7	273.0	0.0	273.0	0.0	273.0	-182,998.2	3 + 660,000		
3 + 680,000	0.0	21.8	18.9	377.0	0.0	377.0	0.0	377.0	-183,375.2	3 + 680,000		
3 + 700,000	0.0	26.9	21.4	427.0	0.0	427.0	0.0	427.0	-183,802.2	3 + 700,000		
3 + 720,000	0.0	19.2	20.1	401.0	0.0	401.0	0.0	401.0	-184,206.2	3 + 720,000		
3 + 740,000	0.0	15.3	17.3	345.0	0.0	345.0	0.0	345.0	-184,548.2	3 + 740,000		
3 + 760,000	0.0	17.2	16.3	335.0	0.0	335.0	0.0	335.0	-184,873.2	3 + 760,000		
3 + 780,000	0.0	20.6	18.9	378.0	0.0	378.0	0.0	378.0	-185,251.2	3 + 780,000		
3 + 800,000	0.6	23.4	22.0	440.0	0.0	440.0	0.0	440.0	-185,691.2	3 + 800,000		
3 + 820,000	0.0	23.6	23.5	470.0	0.0	470.0	0.0	470.0	-186,161.2	3 + 820,000		
3 + 840,000	0.0	22.9	23.3	465.0	0.0	465.0	0.0	465.0	-186,626.2	3 + 840,000		
3 + 860,000	0.0	23.9	23.4	468.0	0.0	468.0	0.0	468.0	-187,094.2	3 + 860,000		
3 + 880,000	0.0	24.0	24.0	479.0	0.0	479.0	0.0	479.0	-187,573.2	3 + 880,000		
3 + 900,000	0.0	23.1	22.6	471.0	0.0	471.0	0.0	471.0	-188,044.2	3 + 900,000		
3 + 920,000	0.0	24.2	23.7	473.0	0.0	473.0	0.0	473.0	-188,517.2	3 + 920,000		
3 + 940,000	0.0	25.0	24.6	492.0	0.0	492.0	0.0	492.0	-189,009.2	3 + 940,000		
3 + 960,000	0.0	25.8	25.4	508.0	0.0	508.0	0.0	508.0	-189,517.2	3 + 960,000		
3 + 980,000	0.0	25.4	25.6	512.0	0.0	512.0	0.0	512.0	-190,029.2	3 + 980,000		
4 + 0.000	0.0	27.2	26.3	526.0	0.0	526.0	0.0	526.0	-190,555.2	4 + 0.000		
4 + 20,000	0.0	17.5	22.4	447.0	0.0	447.0	0.0	447.0	-191,002.2	4 + 20,000		
4 + 40,000	0.0	27.3	22.4	448.0	0.0	448.0	0.0	448.0	-191,450.2	4 + 40,000		
4 + 60,000	0.0	31.3	29.3	586.0	0.0	586.0	0.0	586.0	-192,036.2	4 + 60,000		
4 + 80,000	0.0	28.4	29.9	597.0	0.0	597.0	0.0	597.0	-192,633.2	4 + 80,000		
4 + 100,000	0.0	27.3	27.9	557.0	0.0	557.0	0.0	557.0	-193,190.2	4 + 100,000		
4 + 120,000	0.0	27.6	27.5	549.0	0.0	549.0	0.0	549.0	-193,739.2	4 + 120,000		
4 + 140,000	0.0	26.6	27.1	542.0	0.0	542.0	0.0	542.0	-194,281.2	4 + 140,000		

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			ADDITIONAL FILLING (m ³)	TOTAL (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME TOTAL (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	FILLING (m ³)						
4 + 160,000	0.0	21.6	25.1	502.0	0.0	502.0	-194,783.2	4 +	160,000	
4 + 180,000	0.0	28.0	25.8	516.0	0.0	516.0	-195,299.2	4 +	180,000	
4 + 200,000	0.0	29.4	28.7	574.0	0.0	574.0	-195,873.2	4 +	200,000	
4 + 220,000	0.0	22.3	25.0	517.0	0.0	517.0	-196,399.2	4 +	220,000	
4 + 240,000	0.0	20.8	21.6	431.0	0.0	431.0	-196,821.2	4 +	240,000	
4 + 260,000	0.0	25.1	23.0	459.0	0.0	459.0	-197,280.2	4 +	260,000	
4 + 280,000	0.0	25.0	25.1	501.0	0.0	501.0	-197,781.2	4 +	280,000	
4 + 300,000	0.0	22.3	23.7	473.0	0.0	473.0	-198,254.2	4 +	300,000	
4 + 320,000	0.0	21.9	22.1	442.0	0.0	442.0	-198,696.2	4 +	320,000	
4 + 340,000	0.0	22.1	22.0	440.0	0.0	440.0	-199,136.2	4 +	340,000	
4 + 360,000	0.0	19.1	20.6	412.0	0.0	412.0	-199,548.2	4 +	360,000	
4 + 380,000	0.0	19.3	19.2	384.0	0.0	384.0	-199,992.2	4 +	380,000	
4 + 400,000	0.0	20.8	20.1	401.0	0.0	401.0	-200,333.2	4 +	400,000	
4 + 420,000	0.0	17.5	19.2	383.0	0.0	383.0	-200,716.2	4 +	420,000	
4 + 440,000	0.0	18.0	17.8	355.0	0.0	355.0	-201,071.2	4 +	440,000	
4 + 460,000	0.0	21.2	19.6	392.0	0.0	392.0	-201,463.2	4 +	460,000	
4 + 480,000	0.0	20.5	20.9	417.0	0.0	417.0	-201,840.2	4 +	480,000	
4 + 500,000	0.0	14.4	17.5	349.0	0.0	349.0	-202,229.2	4 +	500,000	
4 + 520,000	0.0	18.3	16.4	327.0	0.0	327.0	-202,556.2	4 +	520,000	
4 + 535,215	0.0	16.0	17.2	260.9	0.0	260.9	-202,817.1	4 +	535,215	
4 + 540,000	0.0	15.4	15.7	75.1	0.0	75.1	-75.1	-	540,000	
4 + 560,000	0.0	16.6	16.0	320.0	0.0	320.0	-320.0	-	560,000	
4 + 580,000	0.0	15.1	15.9	317.0	0.0	317.0	-317.0	-	580,000	
4 + 600,000	0.0	11.1	13.1	262.0	0.0	262.0	-262.0	-	600,000	
4 + 620,000	0.0	13.4	12.3	245.0	0.0	245.0	-245.0	-	620,000	
4 + 640,000	0.0	11.0	12.2	244.0	0.0	244.0	-244.0	-	640,000	
4 + 660,000	0.0	6.8	8.9	178.0	0.0	178.0	-178.0	-	660,000	
4 + 680,000	0.0	4.9	5.9	117.0	0.0	117.0	-117.0	-	680,000	
4 + 703,000	0.0	14.0	9.5	189.0	0.0	189.0	-189.0	-	703,000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING		FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME
	COMPACTED	SECTION	AVERAGE	VOLUME	ADDITIONAL	TOTAL	FILLING	(m ³)		
STATION	VOLUME	TOTAL	(m ²)	(m ²)	(m ³)					
4 + 720,000	0.0	17.5	15.8	0.0	315.0	0.0	315.0	-205,079.2	4 +	720,000
4 + 740,000	0.0	16.8	14.2	283.0	0.0	283.0	0.0	-205,362.2	4 +	740,000
4 + 760,000	17.0	0.4	5.6	112.0	0.0	112.0	17.0	-205,457.2	4 +	760,000
4 + 780,000	80.0	2.5	1.5	29.0	0.0	29.0	51.0	-205,406.2	4 +	780,000
4 + 800,000	130.0	4.5	3.5	70.0	0.0	70.0	60.0	-205,346.2	4 +	800,000
4 + 820,000	123.0	0.0	2.3	45.0	0.0	45.0	45.0	-205,268.2	4 +	820,000
4 + 840,000	115.0	0.0	0.0	0.0	0.0	0.0	0.0	-205,153.2	4 +	840,000
4 + 860,000	175.0	1.6	0.8	16.0	0.0	16.0	16.0	-204,594.2	4 +	860,000
4 + 880,000	231.0	3.6	2.6	52.0	0.0	52.0	52.0	-204,815.2	4 +	880,000
4 + 900,000	229.0	1.2	2.4	48.0	0.0	48.0	48.0	-204,634.2	4 +	900,000
4 + 910,382	119.4	6.0	3.6	37.4	0.0	37.4	37.4	-204,552.2	4 +	910,382
4 + 920,000	113.0	0.0	3.0	26.9	0.0	26.9	28.9	-204,468.1	4 +	920,000
4 + 940,000	158.0	2.7	1.4	27.0	0.0	27.0	27.0	-204,337.1	4 +	940,000
4 + 960,000	71.0	2.1	2.4	46.0	0.0	46.0	48.0	-204,314.1	4 +	960,000
4 + 980,000	84.0	1.2	1.7	33.0	0.0	33.0	33.0	-204,263.1	4 +	980,000
5 + 0,000	174.0	0.0	0.6	12.0	0.0	12.0	12.0	-204,101.1	5 +	0,000
5 + 20,000	201.0	3.0	1.5	30.0	0.0	30.0	30.0	-203,930.1	5 +	20,000
5 + 40,000	182.0	1.4	2.2	44.0	0.0	44.0	44.0	-203,792.1	5 +	40,000
5 + 60,000	213.0	1.4	1.4	28.0	0.0	28.0	28.0	-203,657.1	5 +	60,000
5 + 80,000	156.0	6.8	4.1	82.0	0.0	82.0	82.0	-203,539.1	5 +	80,000
5 + 91,257	467	3.0	4.9	55.2	0.0	55.2	46.7	-203,547.5	5 +	91,257
5 + 100,000	35.4	4.5	3.8	32.8	0.0	32.8	32.8	-203,544.9	5 +	100,000
5 + 120,000	49.0	9.0	6.8	135.0	0.0	135.0	49.0	-203,630.9	5 +	120,000
5 + 140,000	11.0	23.8	16.4	328.0	0.0	328.0	11.0	-203,947.9	5 +	140,000
5 + 160,000	0.0	27.2	25.5	510.0	0.0	510.0	0.0	-204,457.9	5 +	160,000
5 + 180,000	0.0	37.8	32.5	650.0	0.0	650.0	0.0	-205,107.9	5 +	180,000
5 + 200,000	0.0	54.1	46.0	919.0	0.0	919.0	0.0	-205,026.9	5 +	200,000
5 + 220,000	0.0	43.9	49.0	580.0	0.0	580.0	0.0	-207,006.9	5 +	220,000
5 + 240,000	0.0	38.0	759.0	0.0	759.0	0.0	-207,765.9	5 +	240,000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			FILLING			CROSS FILLING			DEDUCTION			ACCUMULATIVE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ²)	ADDITIONAL (m ³)	TOTAL (m ³)	FILLING (m ³)	FILLING (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	FILLING (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)			
5 + 260,000	0.0	37.6	34.8	696.0	0.0	696.0	0.0	-696.0	-205,461.9	5 + 260,000					
5 + 380,000	0.0	70.0	53.8	1,076.0	0.0	1,076.0	0.0	-1,076.0	-218,537.9	5 + 280,000					
5 + 291,000	0.0	56.1	68.1	748.6	0.0	748.6	0.0	-748.6	-210,286.4	5 + 291,000					
5 + 300,000	0.0	69.3	67.7	699.3	0.0	699.3	0.0	-699.3	-210,895.7	5 + 300,000					
5 + 320,000	0.0	66.5	66.9	1,338.0	0.0	1,338.0	0.0	-1,338.0	-212,733.7	5 + 320,000					
5 + 340,000	0.0	58.3	61.4	1,228.0	0.0	1,228.0	0.0	-1,228.0	-213,461.7	5 + 340,000					
5 + 360,000	0.0	48.4	53.4	1,067.0	0.0	1,067.0	0.0	-1,067.0	-214,528.7	5 + 360,000					
5 + 380,000	0.0	33.2	40.8	816.0	0.0	816.0	0.0	-816.0	-215,344.7	5 + 380,000					
5 + 400,000	0.0	19.3	26.3	525.0	0.0	525.0	0.0	-525.0	-215,869.7	5 + 400,000					
5 + 420,000	0.0	38.5	38.9	778.0	0.0	778.0	0.0	-778.0	-216,647.7	5 + 420,000					
5 + 440,000	0.0	16.1	37.3	746.0	0.0	746.0	0.0	-746.0	-217,399.7	5 + 440,000					
5 + 460,000	0.0	17.0	16.6	331.0	0.0	331.0	0.0	-331.0	-217,724.7	5 + 460,000					
5 + 480,000	0.0	22.7	19.9	397.0	0.0	397.0	0.0	-397.0	-218,121.7	5 + 480,000					
5 + 500,000	0.0	27.7	25.2	504.0	0.0	504.0	0.0	-504.0	-218,625.7	5 + 500,000					
5 + 520,000	0.0	36.6	32.2	643.0	0.0	643.0	0.0	-643.0	-219,266.7	5 + 520,000					
5 + 540,000	0.0	53.6	45.1	902.0	0.0	902.0	0.0	-902.0	-220,170.7	5 + 540,000					
5 + 560,000	0.0	57.4	60.5	1,200.0	0.0	1,200.0	0.0	-1,200.0	-221,390.7	5 + 560,000					
5 + 580,000	0.0	66.5	67.0	1,339.0	0.0	1,339.0	0.0	-1,339.0	-222,719.7	5 + 580,000					
5 + 600,000	15.6	55.3	60.9	1,238.0	0.0	1,238.0	0.0	-1,238.0	-223,922.1	5 + 600,000					
5 + 617,777	40.5	42.3	48.8	867.5	0.0	867.5	40.5	-827.0	-224,749.1	5 + 617,777					
5 + 620,000	5.5	44.3	43.3	963.0	0.0	963.0	5.5	-90.8	-224,839.9	5 + 620,000					
5 + 640,000	40.8	44.6	44.5	899.0	0.0	899.0	40.8	-348.2	-225,688.1	5 + 640,000					
5 + 660,000	42.0	46.5	45.6	911.0	0.0	911.0	42.0	-369.0	-226,557.1	5 + 660,000					
5 + 680,000	44.4	42.2	44.4	877.0	0.0	877.0	44.4	-842.6	-227,399.7	5 + 680,000					
5 + 700,000	52.8	39.7	41.0	819.0	0.0	819.0	52.8	-766.2	-228,165.9	5 + 700,000					
5 + 720,000	64.8	11.4	25.6	511.0	0.0	511.0	64.8	-446.2	-228,612.1	5 + 720,000					
5 + 740,000	54.0	30.9	21.2	423.0	0.0	423.0	54.0	-369.0	-228,981.1	5 + 740,000					
5 + 760,000	195.6	0.0	15.5	309.0	0.0	309.0	195.6	-113.4	-229,094.5	5 + 760,000					
5 + 780,000	603.6	0.0	0.0	0.0	0.0	0.0	0.0	-603.6	-228,490.9	5 + 780,000					

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING VOLUME COMPACTED TOTAL (m ³)	FILLING			CROSS FILLING			DIDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)				
5 + 880,000	1,185.6	0.0	0.0	0.0	0.0	0.0	0.0	1,185.6	227,395.3	5 + 880,000
5 + 887,000	1,118.1	0.0	0.0	0.0	0.0	0.0	0.0	1,118.1	226,187.2	5 + 817,000
5 + 892,000	1,083.5	0.0	0.0	0.0	0.0	0.0	0.0	1,083.5	226,018.8	5 + 820,000
5 + 898,000	1,218.2	0.0	0.0	0.0	0.0	0.0	0.0	1,218.2	-224,800.6	5 + 840,000
5 + 905,000	1,319.9	0.0	0.0	0.0	0.0	0.0	0.0	1,319.9	-223,480.8	5 + 860,000
5 + 888,000	1,273.1	0.0	0.0	0.0	0.0	0.0	0.0	1,273.1	-222,327.7	5 + 880,000
5 + 900,000	1,163.2	0.0	0.0	0.0	0.0	0.0	0.0	1,163.2	-221,044.5	5 + 900,000
5 + 920,000	1,317.3	0.0	0.0	0.0	0.0	0.0	0.0	1,317.3	-219,727.2	5 + 920,000
5 + 946,000	1,401.9	0.0	0.0	0.0	0.0	0.0	0.0	1,402.9	-218,324.3	5 + 946,000
5 + 958,000	1,157.9	0.0	0.0	0.0	0.0	0.0	0.0	1,157.9	-217,185.5	5 + 960,000
5 + 980,000	1,316.8	0.0	0.0	0.0	0.0	0.0	0.0	1,316.8	-216,175.7	5 + 980,000
6 + 0,000	621.1	7.2	3.6	72.0	9.0	81.0	540.1	540.1	-215,635.7	6 + 0,000
6 + 1,864	38.1	0.0	3.6	6.7	0.0	6.7	6.7	31.3	-215,604.3	6 + 1,864
6 + 20,000	441.4	8.1	4.1	73.5	9.0	82.5	12.5	358.9	-215,245.4	6 + 20,000
6 + 40,000	621.7	0.0	4.1	81.0	9.0	90.0	90.0	531.7	-214,713.7	6 + 40,000
6 + 60,000	835.3	0.0	0.0	9.0	9.0	9.0	9.0	826.3	-213,887.4	6 + 60,000
6 + 80,000	931.5	0.0	0.0	0.0	9.0	9.0	9.0	922.5	-212,964.9	6 + 80,000
6 + 100,000	1,043.4	0.0	0.0	0.0	9.0	9.0	9.0	1,034.4	-211,950.5	6 + 100,000
6 + 120,000	1,109.3	0.0	0.0	0.0	9.0	9.0	9.0	1,109.3	-210,830.3	6 + 120,000
6 + 140,000	919.1	3.5	1.8	35.0	9.0	44.0	44.0	875.1	-209,955.2	6 + 140,000
6 + 160,000	471.9	0.0	1.8	35.0	9.0	44.0	44.0	427.9	-209,527.4	6 + 160,000
6 + 180,000	178.2	4.2	2.1	42.0	9.0	51.0	51.0	127.2	-209,400.2	6 + 180,000
6 + 200,000	110.1	8.1	6.2	123.2	9.0	132.2	110.1	22.1	-209,422.3	6 + 200,000
6 + 220,000	84.9	82.9	45.5	91.0	9.0	91.9	84.9	-834.5	-210,266.8	6 + 220,000
6 + 240,000	34.1	141.9	112.4	2,248.0	16.7	2,264.7	34.1	-2,230.6	-212,487.4	6 + 240,000
6 + 260,000	23.6	192.0	135.5	2,799.0	16.7	2,725.7	28.6	-2,697.1	-215,184.6	6 + 260,000
6 + 280,000	19.6	97.5	113.2	2,264.8	16.7	2,281.5	19.6	-2,261.9	-217,445.4	6 + 280,000
6 + 300,000	24.3	68.7	83.1	1,661.4	16.7	1,671.1	24.3	-1,653.8	-219,103.2	6 + 300,000
6 + 320,000	24.4	63.0	65.8	1,316.6	16.7	1,233.3	24.4	-1,308.9	-220,499.1	6 + 320,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION VOLUME (m ³)	ACCUMULATE VOLUME (m ³)
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)			
6 + 340,000	25.1	35.7	39.3	1,066.6	16.7	1,203.3	25.1	-1,198.2	-221,387.3 6 + 340,000
6 + 360,000	24.3	35.8	35.7	1,114.7	16.7	1,131.4	24.3	-1,107.1	-222,694.4 6 + 360,000
6 + 379,176	21.1	69.0	62.4	1,106.8	7.7	1,204.5	21.1	-1,183.4	-223,877.3 6 + 379,176
6 + 380,000	0.8	70.6	69.8	37.5	16.7	74.2	0.8	-73.4	-223,951.2 6 + 380,000
6 + 400,000	21.4	38.1	79.3	1,586.7	16.7	1,603.4	21.4	-1,582.0	-225,533.2 6 + 400,000
6 + 420,000	293.8	108.3	98.2	1,953.6	47.5	2,438.6	293.8	-2,144.8	-227,678.0 6 + 420,000
6 + 429,957	6.5	4.4	36.3	580.6	0.0	580.6	6.5	-554.2	-228,232.1 6 + 429,957
6 + 429,957	0.0	3.6	4.0	0.0	0.0	0.0	0.0	0.0	-228,232.1 6 + 429,957
6 + 440,000	270.2	94.4	49.0	491.7	466.0	937.7	270.2	-67.5	-228,919.7 6 + 440,000
6 + 460,000	270.2	102.9	98.6	1,972.1	475.0	2,447.1	270.2	-2,176.9	-231,046.6 6 + 460,000
6 + 462,691	0.0	3.8	52.3	143.4	0.0	143.4	0.0	143.4	-231,240.0 6 + 462,691
6 + 462,691	0.0	3.1	3.4	0.0	0.0	0.0	0.0	0.0	-231,240.0 6 + 462,691
6 + 480,000	270.2	84.3	43.7	755.8	495.0	1,250.8	270.2	-930.6	-232,220.7 6 + 480,000
6 + 500,000	270.2	91.2	87.7	1,754.4	482.7	2,237.1	270.2	-1,966.9	-234,187.6 6 + 500,000
6 + 520,000	270.2	103.9	97.5	1,950.1	492.7	2,452.8	270.2	-2,162.6	-236,350.2 6 + 520,000
6 + 540,000	270.2	107.0	105.4	2,108.2	482.7	2,590.9	270.2	-2,320.7	-238,670.9 6 + 540,000
6 + 560,000	270.2	120.5	13.7	2,274.2	482.7	2,756.9	270.2	-2,486.7	-241,157.7 6 + 560,000
6 + 580,000	270.2	133.9	127.2	2,543.5	482.7	3,026.2	270.2	-2,756.0	-243,913.7 6 + 580,000
6 + 600,000	270.2	160.4	147.1	2,942.7	482.7	3,425.4	270.2	-3,155.2	-247,068.9 6 + 600,000
6 + 620,000	270.6	179.0	169.7	3,393.5	482.7	3,876.2	270.6	-3,605.6	-250,574.5 6 + 620,000
6 + 640,000	276.1	189.5	184.2	3,684.4	482.7	4,167.1	276.1	-3,891.0	-254,565.6 6 + 640,000
6 + 660,000	302.0	200.7	195.1	3,901.7	482.7	4,364.4	302.0	-4,022.4	-258,647.9 6 + 660,000
6 + 675,896	21.0	3.1	101.9	1,619.0	0.0	1,619.0	21.0	-1,598.0	-260,245.9 6 + 675,896
6 + 680,000	269.1	172.1	87.6	360.0	463.9	823.8	269.1	-534.7	-268,800.6 6 + 680,000
6 + 700,000	1,113.5	0.0	86.1	1,721.0	5,107.6	6,828.6	1,113.5	-5,715.1	-266,515.7 6 + 700,000
6 + 714,490	0.0	4.5	2.2	0.0	32.2	0.0	32.2	0.0	-266,547.9 6 + 714,490
6 + 720,000	46.1	227.6	116.0	639.2	1,563.7	2,202.9	46.1	-2,156.7	-268,704.6 6 + 720,000
6 + 740,000	56.9	245.3	259.0	4,865.0	1,563.7	6,428.7	56.9	-6,371.8	-275,076.4 6 + 740,000
6 + 760,000	43.7	248.9	253.9	5,078.0	1,563.7	6,631.7	43.7	-6,539.0	-281,574.4 6 + 760,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	AVERAGE: (m ²)	FILLING			DEDUCTION (m ³)	ACCUMULATIVE VOLUME STATION (m ³)
				VOLUME FILLING (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)		
6 + 780,000	42.5	240.7	244.8	4,895.5	1,563.7	6,459.2	42.5	6,416.7
6 + 800,000	42.5	220.9	220.8	4,615.5	1,563.7	6,179.2	42.5	6,136.7
6 + 820,000	42.5	186.5	203.7	4,073.5	1,563.7	5,637.2	42.5	5,594.7
6 + 840,000	43.4	139.1	162.8	3,256.0	1,563.7	4,819.7	43.4	4,776.4
6 + 860,000	43.4	191.5	165.3	3,306.3	1,563.7	4,870.0	43.4	4,826.7
6 + 880,000	42.5	186.3	188.9	3,773.6	1,570.1	5,357.7	42.5	5,315.2
6 + 900,000	42.5	170.5	178.4	3,568.7	1,579.1	5,147.8	42.5	5,105.3
6 + 920,000	42.5	155.0	162.8	3,255.2	1,579.1	4,834.3	42.5	4,791.8
6 + 940,000	42.5	153.8	154.4	3,047.8	1,572.9	4,680.7	42.5	4,618.2
6 + 960,000	42.5	146.5	150.2	3,033.0	1,563.7	4,566.7	42.5	4,524.2
6 + 980,000	42.9	285.1	215.8	4,315.5	1,564.2	5,879.7	42.9	5,836.8
7 + 0,000	42.5	232.3	248.7	5,173.5	24.4	5,197.9	42.5	5,155.4
7 + 20,000	103.9	201.4	216.8	4,336.5	24.4	4,360.9	103.9	4,257.0
7 + 28,438	52.7	176.8	189.1	1,595.4	0.0	1,595.4	52.7	1,542.7
7 + 40,000	72.5	147.7	162.3	1,875.9	24.4	1,900.3	72.5	1,827.8
7 + 60,000	109.2	113.6	130.7	2,613.0	24.4	2,637.4	109.2	2,528.2
7 + 80,000	118.3	63.9	88.7	1,774.5	9.0	1,783.5	118.3	1,665.2
7 + 100,000	151.3	46.1	55.0	1,659.0	9.0	1,668.0	151.3	1,565.7
7 + 120,000	185.3	24.8	35.4	708.0	9.0	717.0	185.3	531.7
7 + 140,000	222.3	14.1	19.4	388.0	9.0	397.0	222.8	174.2
7 + 200,000	240.8	6.2	7.6	152.0	9.0	161.0	207.6	52.9
7 + 220,000	207.6	11.1	12.6	251.5	9.0	260.5	201.8	-8.2
7 + 240,000	254.2	9.0	10.1	201.0	9.0	210.0	196.0	58.2
7 + 260,000	357.5	9.9	11.3	225.5	9.0	234.5	161.0	79.8
7 + 280,000	399.1	26.8	18.4	367.0	9.0	376.0	131.5	131.1
7 + 300,000	205.4	20.8	23.8	476.0	9.0	485.0	205.4	-279.6
7 + 320,000	127.5	26.9	23.9	477.0	9.0	486.0	127.5	-358.5

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	FILLING			ADDITIONAL FILLING (m ³)	TOTAL (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME STATION (m ³)
			AVERAGE VOLUME (m ³)	VOLUME (m ³)	FILLING (m ³)					
7 + 340.000	184.0	16.1	21.5	430.0	9.0	459.0	184.0	-255.1	-358.794.9	7 + 340.000
7 + 350.000	198.9	23.5	19.8	395.8	9.0	404.8	108.9	-295.9	-359.096.9	7 + 360.000
7 + 360.000	184.0	28.6	26.1	521.0	9.0	530.0	18.4	-511.6	-359.802.4	7 + 380.000
7 + 380.000	193.3	31.4	35.0	707.0	9.0	708.0	19.3	-589.7	-360.292.1	7 + 400.000
7 + 400.000	356.4	22.6	32.0	639.4	9.0	648.4	35.4	-613.0	-360.905.2	7 + 420.000
7 + 420.000	39.9	30.2	26.4	527.2	9.0	526.2	39.9	-496.3	-361.401.5	7 + 440.000
7 + 440.000	11.0	31.6	30.9	309.0	9.0	318.0	11.0	-307.0	-361.708.5	7 + 450.000
7 + 450.000	7.1	26.1	28.8	288.5	9.0	297.5	7.1	-293.3	-361.998.8	7 + 460.000
7 + 460.000	15.2	28.1	27.1	541.6	9.0	550.6	15.2	-535.4	-362.534.2	7 + 480.000
7 + 480.000	19.1	16.2	22.2	443.1	9.0	452.1	19.1	-433.0	-362.967.2	7 + 500.000
7 + 500.000	19.0	15.1	15.7	313.1	9.0	322.1	19.0	-303.1	-363.270.3	7 + 520.000
7 + 520.000	26.8	11.9	13.5	269.6	9.0	278.6	26.8	-251.8	-363.522.0	7 + 540.000
7 + 540.000	51.8	10.0	10.9	218.1	9.0	227.1	51.8	-175.3	-363.697.3	7 + 560.000
7 + 560.000	55.9	8.2	9.1	181.8	9.0	190.8	55.9	-134.9	-363.822.2	7 + 580.000
7 + 580.000	228.9	0.0	4.1	82.3	9.0	91.3	91.3	137.6	-363.894.6	7 + 600.000
7 + 600.000	1.7	1.7	0.9	0.1	0.0	0.1	0.1	1.6	-363.693.0	7 + 600.107
7 + 620.000	123.7	7.6	4.6	92.1	9.0	101.1	101.1	22.6	-363.670.4	7 + 620.000
7 + 640.000	15.6	8.6	8.1	161.2	9.0	170.2	15.6	-154.6	-363.825.0	7 + 640.000
7 + 660.000	17.3	23.7	16.1	322.2	9.0	331.2	17.3	-313.9	-364.138.9	7 + 660.000
7 + 680.000	21.0	28.1	25.9	518.0	9.0	527.0	21.0	-506.0	-364.664.9	7 + 680.000
7 + 700.000	44.3	28.9	28.5	570.3	9.0	579.3	44.3	-535.0	-365.179.9	7 + 700.000
7 + 720.000	50.4	25.0	26.9	538.7	9.0	547.7	50.4	-497.3	-365.677.3	7 + 720.000
7 + 740.000	33.3	19.9	22.4	448.4	9.0	457.4	33.3	-424.1	-366.101.3	7 + 740.000
7 + 760.000	78.4	14.3	17.1	341.9	9.0	350.9	78.4	-272.6	-366.373.9	7 + 760.000
7 + 780.000	155.4	0.0	7.2	143.3	9.0	152.3	152.3	3.1	-366.370.8	7 + 780.000
7 + 800.000	260.2	0.3	0.2	3.4	9.0	12.4	12.4	247.8	-366.123.0	7 + 800.000
7 + 820.000	361.9	0.0	0.2	3.4	9.0	12.4	12.4	349.5	-365.773.5	7 + 820.000
7 + 840.000	308.4	0.0	0.0	0.0	9.0	9.0	9.0	499.4	-365.274.1	7 + 840.000
7 + 860.000	928.2	0.0	0.0	0.0	9.0	9.0	9.0	929.2	-364.344.9	7 + 860.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION	FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME TOTAL (m ³)
			AVERAGE VOLUME (m ²)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)			
7 + 880.000	1,191.6	0.0	0.0	0.0	0.0	9.0	9.0	1,182.6	-363,162.3	7 + 880.000
7 + 900.000	1,211.9	0.0	0.0	0.0	0.0	9.0	9.0	1,202.9	-361,559.4	7 + 900.000
7 + 920.000	1,207.3	0.0	0.0	0.0	0.0	9.0	9.0	1,489.3	-360,461.1	7 + 920.000
7 + 940.000	1,236.7	0.0	0.0	0.0	0.0	9.0	9.0	1,707.7	-358,713.4	7 + 940.000
7 + 960.000	1,207.5	0.0	0.0	0.0	0.0	9.0	9.0	1,698.5	-357,014.9	7 + 960.000
7 + 980.000	1,680.4	0.0	0.0	0.0	0.0	9.0	9.0	1,671.4	-355,443.6	7 + 980.000
8 + 0.000	1,201.7	0.0	0.0	0.0	0.0	9.0	9.0	1,692.7	-353,650.9	8 + 0.000
8 + 20.000	1,562.3	0.0	0.0	0.0	0.0	9.0	9.0	1,553.3	-352,097.6	8 + 20.000
8 + 40.000	1,284.5	0.0	0.0	0.0	0.0	9.0	9.0	1,275.5	-350,822.1	8 + 40.000
8 + 60.000	1,275.0	0.0	0.0	0.0	0.0	9.0	9.0	1,266.0	-349,556.6	8 + 60.000
8 + 80.000	1,462.2	0.0	0.0	0.0	0.0	9.0	9.0	1,453.2	-348,102.9	8 + 80.000
8 + 100.000	1,522.9	0.0	0.0	0.0	0.0	9.0	9.0	1,513.9	-346,589.0	8 + 100.000
8 + 120.000	1,440.2	0.0	0.0	0.0	0.0	9.0	9.0	1,451.2	-345,157.8	8 + 120.000
8 + 140.000	1,253.7	0.0	0.0	0.0	0.0	9.0	9.0	1,244.7	-343,913.1	8 + 140.000
8 + 153.505	765.0	0.0	0.0	0.0	0.0	9.0	9.0	756.0	-343,157.1	8 + 153.505
8 + 160.000	327.7	0.6	0.3	0.0	0.0	10.9	10.9	316.8	-342,940.3	8 + 160.000
8 + 180.000	324.3	4.7	2.6	52.5	9.0	61.5	61.5	762.8	-342,071.6	8 + 180.000
8 + 200.000	395.6	39.2	21.9	458.9	9.0	447.9	395.6	523	-342,129.9	8 + 200.000
8 + 220.000	76.9	50.2	44.7	894.2	6.7	910.9	76.9	824.0	-342,963.8	8 + 220.000
8 + 240.000	60.5	49.0	49.6	911.3	16.7	1,008.0	60.5	947.5	-342,911.3	8 + 240.000
8 + 260.000	53.2	80.4	64.7	1,293.4	16.7	1,310.1	58.2	1,251.9	-345,163.2	8 + 260.000
8 + 280.000	59.9	112.1	96.3	1,925.2	16.7	1,941.9	59.9	1,882.0	-347,045.3	8 + 280.000
8 + 300.000	38.6	113.7	12.9	2,238.4	16.7	2,275.1	38.6	2,236.5	-349,281.8	8 + 300.000
8 + 303.505	5.2	108.3	111.0	309.1	0.0	389.1	5.2	373.9	-349,665.7	8 + 303.505
8 + 320.000	25.7	102.6	106.5	1,759.3	16.7	1,756.5	25.7	1,730.8	-351,396.5	8 + 320.000
8 + 340.000	27.4	67.9	83.3	1,705.3	9.0	1,714.3	27.4	1,696.9	-353,083.4	8 + 340.000
8 + 358.504	76.4	40.4	54.2	1,004.4	0.0	1,004.4	76.4	928.1	-354,011.5	8 + 358.504
8 + 360.000	10.9	38.1	39.3	37.2	9.0	65.2	10.9	55.3	-354,066.8	8 + 360.000
8 + 380.000	351.4	16.3	27.5	549.4	9.0	558.4	351.4	297.0	-354,273.8	8 + 380.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING VOLUME COMPACTED (m ³)	SUCTION (m ²)	AVERAGE VOLUME (m ³)	FILLING			CROSS FILLING (m ³)	DEDUCTION	ACCUMULATE VOLUME (m ³)	STATION
				FILLING (m ³)	ADDITIONAL VOLUME (m ³)	TOTAL FILLING (m ³)				
8 + 400,000	739,0	3,0	9,9	198,4	9,0	207,4	207,4	-531,6	-353,742,2	8 + 400,000
8 + 420,000	1,140,6	0,0	1,5	30,3	9,0	39,3	39,3	-1,013	-352,640,9	8 + 420,000
8 + 440,000	1,198,1	0,6	0,3	6,0	9,0	15,0	15,0	-1,83,1	-351,457,8	8 + 440,000
8 + 460,000	1,931,7	9,3	4,9	98,8	9,0	107,8	107,8	-195,9	-350,561,8	8 + 460,000
8 + 480,000	735,2	37,7	23,5	47,0	9,0	47,9	47,9	-256,1	-350,305,7	8 + 480,000
8 + 500,000	443,9	17,0	27,4	547,5	9,0	556,5	443,9	-112,6	-350,418,3	8 + 500,000
8 + 520,000	354,4	5,1	11,1	221,4	9,0	230,4	230,4	-124,0	-350,294,3	8 + 520,000
8 + 540,000	502,5	0,0	2,6	51,2	9,0	60,2	60,2	-442,3	-349,852,0	8 + 540,000
8 + 560,000	764,1	0,0	0,0	0,0	9,0	9,0	9,0	-755,1	-349,096,9	8 + 560,000
8 + 580,000	959,4	0,0	0,0	0,0	9,0	9,0	9,0	-950,4	-348,146,6	8 + 580,000
8 + 600,000	1,193,7	0,0	0,0	0,0	9,0	9,0	9,0	-1,184,7	-346,961,8	8 + 600,000
8 + 603,544	606,3	0,0	0,0	0,0	0,0	0,0	0,0	-606,3	-346,355,5	8 + 603,544
8 + 620,000	1,833,8	0,0	0,0	0,0	9,0	9,0	9,0	-874,8	-345,480,7	8 + 620,000
8 + 640,000	1,530,0	0,0	0,0	0,0	9,0	9,0	9,0	-1,521,0	-343,959,7	8 + 640,000
8 + 660,000	1,583,0	0,0	0,0	0,0	9,0	9,0	9,0	-1,574,0	-342,395,7	8 + 660,000
8 + 680,000	1,048,8	0,0	0,0	0,0	9,0	9,0	9,0	-1,839,8	-340,545,9	8 + 680,000
8 + 700,000	1,863,5	0,0	0,0	0,0	9,0	9,0	9,0	-1,854,5	-338,691,4	8 + 700,000
8 + 720,000	1,412,7	0,0	0,0	0,0	9,0	9,0	9,0	-1,403,7	-337,287,7	8 + 720,000
8 + 740,000	1,229,4	0,0	0,0	0,0	9,0	9,0	9,0	-1,220,4	-335,057,2	8 + 740,000
8 + 760,000	1,231,4	0,0	0,0	0,0	9,0	9,0	9,0	-1,222,4	-334,844,8	8 + 760,000
8 + 780,000	1,126,7	0,0	0,0	0,0	9,0	9,0	9,0	-1,017,7	-333,827,1	8 + 780,000
8 + 800,000	1,012,2	0,0	0,0	0,0	9,0	9,0	9,0	-1,003,2	-332,823,9	8 + 800,000
8 + 820,000	1,037,8	0,0	0,0	0,0	9,0	9,0	9,0	-1,028,8	-331,795,1	8 + 820,000
8 + 840,000	381,9	0,0	0,0	0,0	9,0	9,0	9,0	-872,9	-330,922,2	8 + 840,000
8 + 860,000	483,8	2,0	1,0	20,0	16,7	36,7	36,7	-452,1	-330,470,1	8 + 860,000
8 + 875,638	77,3	146,7	74,4	1,162,7	0,0	1,162,7	77,3	-1,085,4	-331,555,5	8 + 875,638
8 + 880,000	1,5	164,2	155,5	678,1	16,7	694,8	1,5	-493,3	-332,248,8	8 + 880,000
8 + 900,000	23,0	145,6	156,9	3,068,0	16,7	3,114,7	23,0	-1,091,8	-335,340,5	8 + 900,000
8 + 920,000	28,5	219,5	182,6	3,651,4	16,7	3,668,1	28,5	-1,629,6	-338,988,1	8 + 920,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL VOLUME (m ³)	TOTAL FILLING (m ³)	CROSS FILLING (m ³)				
8 + 948.000	32.0	235.5	4,750.8	16.7	4,767.5	32.0	-4,735.5	-343,715.7	8 + 940,000	
8 + 958.000	23.0	148.9	2,022.4	4,044.4	16.7	4,061.1	23.0	-4,038.1	-347,753.7	8 + 950,000
8 + 960.000	3.4	104.7	166.3	3,206.0	16.7	3,222.7	3.4	-3,249.3	-351,093.0	8 + 960,000
9 + 0.000	0.0	197.2	191.0	3,819.0	0.0	3,828.0	0.0	-3,828.0	-354,931.0	9 + 0,000
9 + 20.000	0.0	226.4	211.8	4,236.0	0.0	4,245.0	0.0	-4,245.0	-359,176.0	9 + 20,000
9 + 40.000	7.7	53.1	139.8	2,795.1	9.0	2,804.1	7.7	-2,796.5	-361,972.5	9 + 40,000
9 + 60.000	14.1	0.0	26.6	53.1	5.0	54.0	114.1	-426.0	-362,398.5	9 + 60,000
9 + 80.000	38.7	0.0	0.0	0.0	9.0	9.0	829.7	-361,568.8	9 + 80,000	
9 + 100.000	1,899.0	0.0	0.0	0.0	9.0	9.0	1,890.0	-359,678.8	9 + 100,000	
9 + 120.000	2,858.5	0.0	0.0	0.0	9.0	9.0	9.0	-356,829.3	9 + 120,000	
9 + 125.638	947.0	0.0	0.0	0.0	0.0	0.0	947.0	-355,882.3	9 + 125,638	
9 + 140.000	2,296.0	0.0	0.0	0.0	9.0	9.0	9.0	-353,505.3	9 + 140,000	
9 + 160.000	2,931.8	0.0	0.0	0.0	9.0	9.0	9.0	-356,672.5	9 + 160,000	
9 + 180.000	2,392.5	0.0	0.0	0.0	9.0	9.0	9.0	-348,269.0	9 + 180,000	
9 + 200.000	1,681.6	4.1	2.1	41.4	9.0	50.4	1,631.2	-346,657.9	9 + 200,000	
9 + 220.000	1,140.9	10.4	7.3	145.0	16.7	161.7	161.7	-345,678.7	9 + 220,000	
9 + 240.000	814.5	19.8	15.1	301.6	16.7	318.3	318.3	-345,182.5	9 + 240,000	
9 + 260.000	564.3	28.6	24.2	484.4	16.7	501.1	501.1	-345,119.3	9 + 260,000	
9 + 275.638	271.6	31.6	30.1	470.8	0.0	470.8	271.6	-345,318.4	9 + 275.638	
9 + 280.000	61.4	30.9	31.2	136.2	16.7	152.9	61.4	-345,409.9	9 + 280,000	
9 + 300.000	257.2	36.7	33.8	675.7	16.7	692.4	257.2	-435.2	-345,345.1	9 + 300,000
9 + 320.000	212.2	62.4	49.6	991.1	16.7	1,007.8	212.2	-795.6	-246,640.7	9 + 320,000
9 + 340.000	23.5	42.2	52.3	1,046.1	16.7	1,062.8	223.5	-839.3	-347,480.0	9 + 340,000
9 + 360.000	246.7	45.0	43.6	871.8	16.7	888.5	245.7	-641.8	-348,121.8	9 + 360,000
9 + 380.000	91.1	67.9	56.4	1,128.7	16.7	1,145.4	191.1	-954.3	-349,076.1	9 + 380,000
9 + 400.000	91.2	108.5	88.2	1,764.0	16.7	1,780.7	91.2	-1,689.5	-550,765.6	9 + 400,000
9 + 420.000	24.2	127.8	118.2	2,363.2	16.7	2,379.9	24.2	-2,355.7	-553,121.3	9 + 420,000
9 + 440.000	45.8	143.1	135.4	2,708.8	16.7	2,725.5	45.8	-2,679.7	-555,860.9	9 + 440,000
9 + 460.000	59.7	146.1	144.6	2,891.6	16.7	2,908.3	59.7	-2,848.6	-558,569.6	9 + 460,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING		FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME
	COMPACTED VOLUME	SECTION	AVERAGE	VOLUME	ADDITIONAL FILLING	TOTAL	(m ³)	(m ³)		
TOTAL	(m ³)	(m ²)	(m ²)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	
9 + 480.000	48.6	126.5	136.3	2.726.1	16.7	2.742.8	48.6	-2.684.2	-361.313.8	9 + 480.000
9 + 500.000	41.4	131.5	129.0	2.380.2	16.7	2.598.9	41.4	-2.355.5	-365.899.3	9 + 500.000
9 + 520.000	31.8	135.2	133.4	2.687.1	16.7	2.683.4	31.8	-2.632.0	-366.531.3	9 + 520.000
9 + 540.000	28.5	130.0	132.6	2.652.2	16.7	2.668.9	28.5	-2.640.4	-369.191.7	9 + 540.000
9 + 560.000	32.2	121.0	125.5	2.310.2	16.7	2.526.9	32.2	-2.494.7	-371.686.4	9 + 560.000
9 + 580.000	33.0	112.8	116.9	2.337.9	16.7	2.354.6	33.0	-2.321.6	-374.026.0	9 + 580.000
9 + 600.000	29.8	100.4	105.6	2.131.6	16.7	2.148.3	29.8	-2.118.6	-376.126.5	9 + 600.000
9 + 620.000	28.0	91.9	96.1	1.922.5	16.7	1.992.2	29.0	-1.910.2	-378.036.8	9 + 620.000
9 + 640.000	30.6	80.7	86.3	1.725.0	16.7	1.741.7	30.6	-1.711.1	-379.747.9	9 + 640.000
9 + 660.000	32.6	72.9	76.8	1.535.5	16.7	1.552.2	32.6	-1.519.6	-381.267.5	9 + 660.000
9 + 680.000	41.6	57.7	65.3	1.346.2	16.7	1.322.9	41.6	-1.281.3	-382.548.3	9 + 680.000
9 + 700.000	51.3	50.	53.9	1.077.9	16.7	1.094.6	51.3	-1.043.3	-383.592.1	9 + 700.000
9 + 720.000	64.8	43.5	46.8	935.3	16.7	932.0	64.8	-887.2	-384.479.3	9 + 720.000
9 + 740.000	79.4	40.0	41.7	834.1	16.7	850.8	79.4	-771.4	-385.250.7	9 + 740.000
9 + 760.000	92.7	33.7	36.8	736.6	16.7	753.3	92.7	-660.7	-385.911.4	9 + 760.000
9 + 780.000	137.6	24.7	29.2	534.2	16.7	600.9	137.6	-463.3	-396.374.7	9 + 780.000
9 + 793.604	48.0	23.9	24.3	87.6	0.0	87.6	48.0	-39.6	-396.414.3	9 + 793.604
9 + 800.000	616.7	10.0	16.9	277.5	16.7	294.2	322.5	-396.091.8	-396.091.8	9 + 800.000
9 + 820.000	1.468.4	0.9	5.4	108.2	9.0	117.2	1.343.2	-384.748.6	-384.748.6	9 + 820.000
9 + 840.000	2.079.5	0.0	0.4	8.5	9.0	17.5	17.5	-2.061.0	-382.687.6	9 + 840.000
9 + 860.000	2.867.4	0.0	0.0	0.0	0.0	0.0	9.0	-2.858.4	-379.829.2	9 + 860.000
9 + 880.000	3.775.0	0.0	0.0	0.0	9.0	9.0	9.0	-3.766.0	-376.063.2	9 + 880.000
9 + 900.000	4.512.7	0.0	0.0	0.0	9.0	9.0	9.0	-4.503.7	-371.539.5	9 + 900.000
9 + 920.000	5.251.2	0.0	0.0	0.0	9.0	9.0	9.0	-5.242.2	-366.317.3	9 + 920.000
9 + 940.000	6.040.1	0.0	0.0	0.0	9.0	9.0	9.0	-6.021.1	-369.286.1	9 + 940.000
9 + 960.000	6.411.4	0.0	0.0	0.0	9.0	9.0	9.0	-6.402.4	-353.883.7	9 + 960.000
9 + 980.000	7.127.0	0.0	0.0	0.0	9.0	9.0	9.0	-7.118.0	-346.765.8	9 + 980.000
10 + 0.000	7.614.2	0.0	0.0	0.0	9.0	9.0	9.0	-7.605.2	-339.160.6	10 + 0.000
10 + 20.000	7.745.2	0.0	0.0	0.0	9.0	9.0	9.0	-7.736.2	-331.424.4	10 + 20.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING (m ³)	DEDUCTION	ACCUMULATE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)				
10 + 40,000	7,481.9	0.0	0.0	0.0	9.0	9.0	7,472.9	-323,951.5 10 + 40,000
10 + 60,000	7,092.2	0.0	0.0	0.0	9.0	9.0	7,083.2	-316,858.3 10 + 60,000
10 + 80,000	6,524.9	0.0	0.0	0.0	9.0	9.0	6,515.9	-310,352.3 10 + 80,000
10 + 93,600	3,498.0	0.0	0.0	0.0	0.0	0.0	3,498.0	-306,944.3 10 + 83,564
10 + 100,000	5,318.0	0.0	0.0	0.0	9.0	9.0	5,309.0	-301,635.3 10 + 100,000
10 + 120,000	5,445.3	0.0	0.0	0.0	9.0	9.0	5,436.3	-296,999.0 10 + 120,000
10 + 140,000	4,944.7	0.0	0.0	0.0	9.0	9.0	4,935.7	-291,263.3 10 + 140,000
10 + 160,000	4,458.4	0.0	0.0	0.0	9.0	9.0	4,449.4	-285,813.9 10 + 160,000
10 + 180,000	4,121.2	0.0	0.0	0.0	9.0	9.0	4,112.2	-282,701.7 10 + 180,000
10 + 200,000	3,693.2	0.0	0.0	0.0	9.0	9.0	3,684.2	-279,077.4 10 + 200,000
10 + 220,000	3,189.5	0.0	0.0	0.0	9.0	9.0	3,180.5	-275,896.9 10 + 220,000
10 + 240,000	2,916.7	0.0	0.0	0.0	9.0	9.0	2,907.7	-272,939.2 10 + 240,000
10 + 260,000	2,236.1	0.0	0.0	0.0	9.0	9.0	2,327.1	-270,662.1 10 + 260,000
10 + 280,000	1,202.7	0.0	0.0	0.0	9.0	9.0	1,293.7	-269,368.5 10 + 280,000
10 + 300,000	1,278.8	0.0	0.0	0.0	9.0	9.0	1,269.8	-268,098.7 10 + 300,000
10 + 320,000	1,301.4	0.0	0.0	0.0	9.0	9.0	1,292.4	-266,806.2 10 + 320,000
10 + 340,000	1,357.3	0.0	0.0	0.0	9.0	9.0	1,348.3	-265,457.9 10 + 340,000
10 + 360,000	1,475.3	0.0	0.0	0.0	9.0	9.0	1,466.3	-263,991.6 10 + 360,000
10 + 380,000	1,563.3	0.0	0.0	0.0	9.0	9.0	1,554.3	-262,337.3 10 + 380,000
10 + 400,000	1,313.4	0.0	0.0	0.0	9.0	9.0	1,304.4	-260,532.8 10 + 400,000
10 + 415,887	1,572.6	0.0	0.0	0.0	0.0	0.0	1,572.6	-258,960.2 10 + 415,887
10 + 460,000	2,398.5	0.0	0.0	0.0	9.0	9.0	2,389.5	-253,879.8 10 + 460,000
10 + 480,000	2,457.3	0.0	0.0	0.0	9.0	9.0	2,448.3	-251,431.5 10 + 480,000
10 + 500,000	2,333.9	0.0	0.0	0.0	9.0	9.0	2,324.9	-249,106.5 10 + 500,000
10 + 520,000	2,119.9	0.0	0.0	0.0	9.0	9.0	2,102.9	-246,997.7 10 + 520,000
10 + 540,000	1,855.5	0.0	0.0	0.0	9.0	9.0	1,846.5	-245,149.2 10 + 540,000
10 + 560,000	1,526.9	0.0	0.0	0.0	9.0	9.0	1,517.9	-243,631.3 10 + 560,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL	FILLING			FILLING			CROSS DREDGING			ACCUMULATE VOLUME	STATION
		SECTION	AVERAGE VOLUME	ADDITIONAL FILLING	SECTION	AVERAGE VOLUME	ADDITIONAL FILLING	SECTION	AVERAGE VOLUME	ADDITIONAL FILLING		
10 + 565.887	398.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-243.233.1	10 + 565.887
10 + 580.000	894.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-282.347.2	10 + 580.000
10 + 600.000	1,387.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-240.968.9	10 + 600.000
10 + 620.000	1,321.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-239.656.4	10 + 620.000
10 + 640.000	1,091.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-238.574.1	10 + 640.000
10 + 660.000	1,157.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-237.425.2	10 + 660.000
10 + 680.000	1,287.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-226.146.8	10 + 680.000
10 + 700.000	1,555.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-234.600.1	10 + 700.000
10 + 715.887	1,453.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-233.156.0	10 + 715.887
10 + 720.000	401.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-232.764.0	10 + 720.000
10 + 740.000	2,222.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-230.551.1	10 + 740.000
10 + 760.000	2,681.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-227.879.1	10 + 760.000
10 + 780.000	3,179.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-224.708.4	10 + 780.000
10 + 800.000	3,692.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-221.025.1	10 + 800.000
10 + 820.000	4,197.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-216.836.3	10 + 820.000
10 + 840.000	4,339.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-211.905.5	10 + 840.000
10 + 860.000	5,332.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-206.582.5	10 + 860.000
10 + 880.000	4,889.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-201.902.1	10 + 880.000
10 + 900.000	3,777.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-198.133.3	10 + 900.000
10 + 920.000	3,126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-195.016.3	10 + 920.000
10 + 940.000	2,511.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-192.513.6	10 + 940.000
10 + 960.000	1,982.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-190.660.0	10 + 960.000
10 + 983.121	239.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-190.420.6	10 + 963.121
10 + 980.000	1,133.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-189.295.5	10 + 980.000
11 + 0.000	1,029.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-188.276.2	11 + 0.000
11 + 20.000	900.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-187.394.7	11 + 20.000
11 + 40.000	347.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-186.546.1	11 + 40.000
11 + 60.000	327.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-185.727.9	11 + 60.000
11 + 80.000	942.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-184.794.1	11 + 80.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m3)	FILLING			ADDITIONAL FILLING (m3)	TOTAL (m3)	GROSS FILLING (m3)	DEDUCTION (m3)	ACCUMULATE VOLUME (m3)	STATION
		SECTION (m2)	AVERAGE VOLUME (m3)	TOTAL (m3)						
11 + 100.000	939.2	0.0	0.0	0.0	0.0	0.0	924.2	-183.869.9	11 + 100.000	
11 + 113.121	462.6	0.0	0.0	0.0	0.0	0.0	462.6	-183.407.4	11 + 113.121	
11 + 120.000	181.4	0.0	0.0	0.0	0.0	0.0	172.4	-182.235.0	11 + 120.000	
11 + 140.000	444.5	0.0	0.0	0.0	0.0	0.0	455.5	-182.799.5	11 + 140.000	
11 + 160.000	314.4	0.0	0.0	0.0	0.0	0.0	305.4	-182.484.1	11 + 160.000	
11 + 180.000	163.9	4.6	2.3	46.0	55.0	55.0	108.9	-182.385.2	11 + 180.000	
11 + 200.000	141.4	18.3	11.4	238.7	9.0	237.7	141.4	-182.481.5	11 + 200.000	
11 + 220.000	123.8	42.7	30.5	609.8	9.0	618.8	123.8	-182.976.5	11 + 220.000	
11 + 240.000	60.7	61.3	52.0	1.040.0	9.0	1.049.0	60.7	-183.964.8	11 + 240.000	
11 + 260.000	105.1	15.0	38.2	753.2	9.0	772.2	105.1	-184.631.9	11 + 260.000	
11 + 263.121	26.8	11.0	13.0	40.6	0.0	40.6	26.8	-184.645.7	11 + 263.121	
11 + 280.000	317.9	0.0	5.5	52.5	9.0	101.5	101.5	-184.429.3	11 + 280.000	
11 + 300.000	704.8	0.0	0.0	0.0	9.0	9.0	695.8	-183.733.5	11 + 300.000	
11 + 320.000	1.026.6	0.0	0.0	0.0	9.0	9.0	1.017.6	-182.715.9	11 + 320.000	
11 + 340.000	1.346.9	0.0	0.0	0.0	9.0	9.0	1.337.9	-181.378.0	11 + 340.000	
11 + 360.000	1.626.4	0.1	0.1	1.0	9.0	10.0	1.616.4	-179.761.6	11 + 360.000	
11 + 380.000	1.844.0	0.1	0.1	2.0	9.0	11.0	1.833.0	-177.928.6	11 + 380.000	
11 + 400.000	1.918.1	2.0	1.1	21.0	9.0	30.0	1.898.1	-176.046.4	11 + 400.000	
11 + 420.000	1.859.4	20.4	11.2	224.0	9.0	233.0	1.626.4	-174.414.1	11 + 420.000	
11 + 422.939	244.5	33.3	26.9	78.9	6.0	78.9	165.6	-174.248.4	11 + 422.939	
11 + 440.000	1.201.3	34.8	34.6	589.5	9.0	598.5	502.9	-173.645.6	11 + 440.000	
11 + 460.000	1.341.8	36.5	37.7	753.0	9.0	762.0	555.8	-173.089.8	11 + 460.000	
11 + 480.000	1.218.0	49.3	44.4	888.0	9.0	897.0	321.0	-172.768.8	11 + 480.000	
11 + 500.000	1.264.0	2.2	25.8	515.0	9.0	524.0	740.0	-172.028.8	11 + 500.000	
11 + 520.000	1.433.7	20.5	11.4	227.0	9.0	236.0	1.197.7	-170.531.1	11 + 520.000	
11 + 540.000	1.382.5	14.2	17.4	317.0	9.0	356.0	1.026.5	-169.804.6	11 + 540.000	
11 + 560.000	1.255.7	16.2	12.2	244.0	9.0	253.0	1.000.7	-168.803.9	11 + 560.000	
11 + 572.939	745.1	10.0	10.1	130.7	0.0	130.7	614.4	-168.189.5	11 + 572.939	
11 + 580.000	395.4	7.2	8.6	307.1	9.0	307.1	323.7	-167.385.9	11 + 580.000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME: TOTAL (m ³)	SECTION (m ²)	FILLING			CROSS FILLING (m ²)	DEDUCTION (m ³)	ACCUMULATE VOLUME: TOTAL (m ³)	STATION	
			AVERAGE VOLUME (m ³)	ADDITIONAL VOLUME (m ³)	TOTAL FILLING (m ³)					
11 + 600,000	1,007.2	3.2	5.2	104.0	9.0	113.0	894.2	-165,971.7	11 + 600,000	
11 + 620,000	877.7	11.7	7.5	149.0	9.0	158.0	719.7	-166,252.0	11 + 620,000	
11 + 640,000	940.6	2.6	7.2	143.0	9.0	152.0	758.6	-165,463.3	11 + 640,000	
11 + 660,000	1,100.0	0.0	1.3	26.0	9.0	35.0	1,085.0	-164,398.3	11 + 660,000	
11 + 680,000	1,155.5	0.0	0.0	0.0	9.0	9.0	1,146.5	-163,251.8	11 + 680,000	
11 + 700,000	1,102.3	0.0	0.0	0.0	9.0	9.0	1,093.3	-162,158.5	11 + 700,000	
11 + 720,000	1,199.7	0.0	0.0	0.0	9.0	9.0	1,190.7	-160,967.8	11 + 720,000	
11 + 740,000	1,358.2	0.0	0.0	0.0	9.0	9.0	1,349.2	-159,418.6	11 + 740,000	
11 + 760,000	1,583.0	0.0	0.0	0.0	9.0	9.0	1,574.0	-157,844.6	11 + 760,000	
11 + 780,000	1,337.6	0.0	0.0	0.0	9.0	9.0	1,328.6	-156,515.9	11 + 780,000	
11 + 800,000	1,292.7	0.0	0.0	0.0	9.0	9.0	1,283.7	-155,252.2	11 + 800,000	
11 + 820,000	989.0	0.0	0.0	0.0	9.0	9.0	940.0	-154,252.2	11 + 820,000	
11 + 840,000	558.0	0.0	0.0	0.0	9.0	9.0	549.0	-153,703.2	11 + 840,000	
11 + 860,000	390.0	0.0	0.0	0.0	9.0	9.0	381.0	-153,322.2	11 + 860,000	
11 + 880,000	233.0	0.0	0.0	0.0	9.0	9.0	224.0	-153,068.2	11 + 880,000	
11 + 900,000	86.0	4.6	2.3	46.0	9.0	55.0	31.0	-153,067.2	11 + 900,000	
11 + 920,000	19.0	11.6	8.1	162.0	9.0	171.0	19.0	-152.0	-153,219.2	11 + 920,000
11 + 940,000	8.0	13.7	12.7	25.0	9.0	26.0	8.0	-25.0	-153,473.2	11 + 940,000
11 + 960,000	3.0	16.4	15.1	30.0	9.0	31.0	3.0	-30.0	-153,780.2	11 + 960,000
11 + 980,000	0.0	19.6	18.0	36.0	9.0	36.0	0.0	-36.0	-154,149.2	11 + 980,000
12 + 0,000	3.0	20.0	19.8	36.0	9.0	40.5	3.0	-40.0	-154,551.2	12 + 0,000
12 + 20,000	4.0	17.7	18.9	37.0	9.0	36.0	4.0	-36.0	-154,933.2	12 + 20,000
12 + 40,000	2.0	19.2	18.5	36.0	9.0	37.0	2.0	-37.0	-155,309.2	12 + 40,000
12 + 60,000	8.0	12.5	15.9	37.0	9.0	32.0	8.0	-31.0	-155,627.2	12 + 60,000
12 + 80,000	65.0	0.8	6.7	13.0	9.0	14.0	65.0	-77.0	-155,704.2	12 + 80,000
12 + 100,000	249.0	0.0	0.4	8.0	9.0	17.0	17.0	-232.0	-155,477.2	12 + 100,000
12 + 120,000	440.4	0.0	0.0	0.0	9.0	9.0	431.4	-155,040.8	12 + 120,000	
12 + 140,000	399.0	0.0	0.0	0.0	9.0	9.0	590.0	-154,450.8	12 + 140,000	
12 + 160,000	783.3	0.0	0.0	0.0	9.0	9.0	779.3	-153,671.0	12 + 160,000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SUCTION (m ²)	AVERAGE (m ²)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)				
12 + 130,000	997.8	0.0	0.0	0.0	0.0	0.0	9.0	9.0	988.8	-152,682.2
12 + 200,000	1,114.4	0.0	0.0	0.0	0.0	0.0	9.0	9.0	1,054.4	-151,576.8
12 + 220,000	1,251.6	0.0	0.0	0.0	0.0	0.0	9.0	9.0	1,242.6	-150,354.2
12 + 240,000	1,275.6	0.0	0.0	0.0	0.0	0.0	9.0	9.0	1,266.6	-149,357.7
12 + 260,000	1,075.6	0.0	0.0	0.0	0.0	0.0	9.0	9.0	1,065.6	-148,001.1
12 + 280,000	930.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	921.0	-147,080.1
12 + 300,000	742.8	0.0	0.0	0.0	0.0	0.0	9.0	9.0	733.8	-146,346.3
12 + 320,000	598.7	0.0	0.0	0.0	0.0	0.0	9.0	9.0	590.7	-145,845.6
12 + 340,000	483.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	474.0	-145,371.6
12 + 360,000	353.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0	344.0	-144,827.6
12 + 380,000	284.6	0.0	0.0	0.0	0.0	0.0	9.0	9.0	275.6	-144,252.0
12 + 400,000	278.4	0.0	0.0	0.0	0.0	0.0	9.0	9.0	275.4	-143,476.6
12 + 420,000	266.6	0.0	0.0	0.0	0.0	0.0	9.0	9.0	257.6	-142,719.0
12 + 440,000	511.7	0.0	0.0	0.0	0.0	0.0	9.0	9.0	502.7	-142,216.3
12 + 460,000	287.3	0.0	0.0	0.0	0.0	0.0	9.0	9.0	278.3	-141,938.0
12 + 480,000	395.4	1.3	0.7	15.3	9.0	223.0	22.3	163.1	-141,774.9	12 + 480,000
12 + 500,000	151.5	1.6	1.5	29.2	9.0	38.2	38.2	113.3	-141,661.6	12 + 500,000
12 + 520,000	91.6	0.0	0.8	15.9	9.0	24.9	24.9	66.7	-141,594.9	12 + 520,000
12 + 540,000	98.5	1.6	0.8	16.1	9.0	25.1	25.1	73.4	-141,521.4	12 + 540,000
12 + 555,218	50.3	4.5	3.0	46.2	0.0	46.2	46.2	4.2	-141,517.3	12 + 555,218
12 + 560,000	9.7	3.9	4.2	20.0	9.0	29.0	9.7	19.3	-141,526.6	12 + 560,000
12 + 580,000	173.2	0.8	2.4	47.3	9.0	56.3	56.3	116.9	-141,419.7	12 + 580,000
12 + 600,000	221.4	0.8	0.8	16.5	9.0	25.5	25.5	195.9	-141,223.8	12 + 600,000
12 + 620,000	156.3	0.0	0.4	8.2	9.0	17.2	17.2	139.1	-141,084.7	12 + 620,000
12 + 640,000	207.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	476.6	-139,742.2
12 + 660,000	289.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140,605.2	12 + 660,000
12 + 680,000	395.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140,218.9	12 + 680,000
12 + 700,000	485.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140,836.0	12 + 640,000
12 + 705,272	137.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.5	-139,604.7
										12 + 705,272

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			ADDITIONAL FILLING (m ³)	TOTAL (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION	
		SECTION (m ²)	AVERAGE VOLUME (m ³)	TOTAL (m ³)							
12 + 729.000	401.2	0.0	0.0	0.0	0.0	9.0	392.2	-139.212.5	12.5	729.000	
12 + 740.000	610.1	0.0	0.0	0.0	0.0	9.0	601.1	-138.611.3	12.5	740.000	
12 + 760.000	531.0	0.0	0.0	0.0	0.0	9.0	522.0	-138.089.3	12.5	760.000	
12 + 780.000	543.2	0.0	0.0	0.0	0.0	9.0	534.2	-137.555.2	12.5	780.000	
12 + 800.000	544.6	0.0	0.0	0.0	0.0	9.0	535.6	-137.019.6	12.5	800.000	
12 + 820.000	346.9	0.0	0.0	0.0	0.0	9.0	351.9	-136.667.7	12.5	820.000	
12 + 840.000	274.6	0.0	0.0	0.0	0.0	9.0	265.6	-136.402.1	12.5	840.000	
12 + 860.000	162.4	1.3	5.6	11.27	9.0	121.7	40.7	-136.361.4	12.5	860.000	
12 + 880.000	101.5	25.6	18.4	368.9	9.0	377.9	101.5	-276.5	136.637.9	12.5	880.000
12 + 896.298	64.0	45.6	25.6	580.0	0.6	580.0	64.0	-516.0	-137.153.9	12.5	896.298
12 + 900.000	42	30.8	48.2	178.3	9.0	187.3	4.2	-183.1	-137.336.9	12.5	900.000
12 + 920.000	14.6	59.3	25.0	110.0	9.0	110.0	14.6	-104.4	-138.431.4	12.5	920.000
12 + 940.000	34.1	59.1	59.2	1133.7	9.0	1192.7	34.1	-1158.6	-139.590.0	12.5	940.000
12 + 950.000	50.7	47.3	53.2	1039.9	9.0	1072.9	50.7	-1022.2	-140.612.2	12.5	950.000
12 + 950.000	35.6	56.0	51.6	1032.7	9.0	1041.7	35.6	-1006.1	-141.618.3	12.5	950.000
13 + 0.000	11.2	31.5	43.8	875.0	9.0	884.0	11.2	-872.8	-142.491.1	13.5	0.000
13 + 20.000	6.7	26.7	29.1	581.5	9.0	590.5	6.7	-583.8	-143.074.9	13.5	20.000
13 + 40.000	9.6	12.1	19.4	387.5	9.0	396.5	9.6	-387.0	-143.461.9	13.5	40.000
13 + 46.298	6.4	7.4	9.7	61.2	0.0	61.2	6.4	-54.8	-143.516.7	13.5	46.298
13 + 60.000	88.7	0.0	3.7	504.4	9.0	594.4	59.4	-29.3	-143.487.4	13.5	60.000
13 + 80.000	495.9	0.0	0.0	0.0	0.0	9.0	9.0	-486.9	-143.000.5	13.5	80.000
13 + 100.000	693.3	0.0	0.0	0.0	0.0	9.0	684.3	-42.316.2	13.5	100.000	
13 + 120.000	582.5	0.0	0.0	0.0	0.0	9.0	573.5	-141.742.6	13.5	120.000	
13 + 140.000	507.2	0.0	0.0	0.0	0.0	9.0	498.2	-141.244.5	13.5	140.000	
13 + 160.000	459.5	0.0	0.0	0.0	0.0	9.0	450.5	-140.794.0	13.5	160.000	
13 + 180.000	444.5	0.0	0.0	0.0	0.0	9.0	435.5	-140.358.5	13.5	180.000	
13 + 200.000	434.4	0.0	0.0	0.0	0.0	9.0	425.4	-139.933.1	13.5	200.000	
13 + 220.000	334.2	0.0	0.0	0.0	0.0	9.0	325.2	-139.687.9	13.5	220.000	
13 + 240.000	289.8	1.6	0.8	15.8	9.0	285.0	28.3	-139.342.9	13.5	240.000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION VOLUME (m ³)	ACCUMULATE VOLUME (m ³)		
		SECTION	AVERAGE VOLUME (m ²)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	TOTAL FILLING (m ³)					
13 + 260,000	251.8	5.2	3.4	61.3	9.0	76.3	175.5	-139,167.3	13 + 260,000		
13 + 280,000	152.1	7.8	6.5	129.7	9.0	138.7	134	-139,153.9	13 + 280,000		
13 + 300,000	145.1	10.9	9.4	187.1	9.0	196.1	145.1	-91.0	-139,205.0		
13 + 320,000	160.0	12.5	11.7	233.8	9.0	242.8	160.0	-82.8	-139,287.3		
13 + 340,000	190.4	12.7	12.6	252.1	9.0	261.1	190.4	-70.7	-139,358.5		
13 + 360,000	245.3	12.4	12.6	251.2	9.0	260.2	246.3	-13.9	-139,372.3		
13 + 380,000	287.6	12.5	12.5	293	9.0	285.3	258.3	29.3	-139,343.0		
13 + 400,000	292	35.5	24.0	479.8	9.0	488.8	259.2	-229.6	-139,572.6		
13 + 420,000	269.4	4.1	19.8	305.7	9.0	404.7	269.4	-155.3	-139,707.9		
13 + 440,000	361.2	0.1	2.1	42.2	9.0	51.2	51.2	31.0	-139,397.9		
13 + 460,000	471.3	0.0	0.1	1.0	9.0	10.0	461.3	-138,936.6	13 + 460,000		
13 + 480,000	532.6	0.0	0.0	0.0	9.0	9.0	543.6	-138,393.0	13 + 480,000		
13 + 484.164	120.9	0.0	0.0	0.0	0.0	0.0	120.9	-138,272.1	13 + 484.164		
13 + 500,000	435.0	0.0	0.0	0.0	9.0	9.0	426.0	-137,846.1	13 + 500,000		
13 + 520,000	506.8	0.0	0.0	0.0	9.0	9.0	487.8	-137,348.2	13 + 520,000		
13 + 540,000	560.0	0.0	0.0	0.0	9.0	9.0	551.0	-136,797.2	13 + 540,000		
13 + 560,000	582.7	0.0	0.0	0.0	9.0	9.0	574.7	-136,222.5	13 + 560,000		
13 + 580,000	597.8	0.0	0.0	0.0	9.0	9.0	588.8	-135,633.7	13 + 580,000		
13 + 600,000	617.1	0.0	0.0	0.0	9.0	9.0	608.1	-135,025.5	13 + 600,000		
13 + 620,000	622.0	0.0	0.0	0.0	0.0	0.0	202.0	-134,823.5	13 + 620,000		
13 + 640,000	837.4	0.0	0.0	0.0	9.0	9.0	414.9	-134,408.6	13 + 640,000		
13 + 660,000	876.2	0.0	0.0	0.0	9.0	9.0	828.4	-133,580.2	13 + 660,000		
13 + 680,000	552.0	0.0	0.0	0.0	9.0	9.0	543.0	-132,712.9	13 + 680,000		
13 + 700,000	3116.3	0.0	0.0	0.0	9.0	9.0	309.3	-131,950.5	13 + 700,000		
13 + 720,000	84.6	0.9	0.4	8.8	9.0	17.8	167.0	-131,693.5	13 + 720,000		
13 + 740,000	55.2	17.9	9.4	187.8	9.0	196.8	55.2	-141.6	-131,585.1		
13 + 760,000	11.8	23.2	23.1	461.0	9.0	470.0	11.8	-458.2	-132,293.3		
13 + 780,000	18.3	46.7	37.4	748.6	9.0	757.6	18.3	-759.3	-133,032.6		

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			GROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME STATION (m ³)			
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)						
13 + 800.000	17.5	69.1	57.9	1,157.1	9.0	1,166.1	17.5	-1,148.6	-134,181.2	13 + 800.000
13 + 820.000	17.7	90.2	79.6	1,592.3	9.0	1,601.3	17.7	-1,583.6	-135,764.8	13 + 820.000
13 + 840.000	16.3	142.4	116.9	2,355.8	9.0	2,354.8	16.3	-2,318.5	-138,083.3	13 + 840.000
13 + 860.000	28.9	135.3	137.9	2,757.4	9.0	2,766.4	28.9	-2,737.5	-140,920.8	13 + 860.000
13 + 880.000	49.6	155.1	144.2	2,884.0	9.0	2,893.0	49.6	-2,853.4	-143,684.2	13 + 880.000
13 + 900.000	41.5	159.8	157.4	3,146.7	9.0	3,157.7	41.5	-3,116.2	-146,780.4	13 + 900.000
13 + 920.000	28.4	177.3	168.5	3,370.9	9.0	3,379.9	28.4	-3,351.5	-150,131.9	13 + 920.000
13 + 924.997	7.1	188.0	181.6	798.7	0.0	798.7	7.1	-791.5	-150,923.4	13 + 924.997
13 + 940.000	28.5	194.3	190.1	2,966.8	9.0	2,975.8	28.5	-2,947.3	-153,870.7	13 + 940.000
13 + 960.000	38.1	176.9	185.6	3,712.2	9.1	3,721.3	38.1	-3,683.2	-157,553.9	13 + 960.000
13 + 980.000	31.2	173.9	175.4	3,508.3	945.0	2,560.3	31.2	-2,532.1	-160,086.0	13 + 980.000
14 + 0.000	23.0	176.0	174.9	3,498.4	9.1	3,507.5	26.8	-3,479.5	-163,565.5	14 + 0.000
14 + 20.000	30.3	164.8	170.4	3,407.7	9.1	3,416.8	30.3	-3,396.5	-166,952.1	14 + 20.000
14 + 40.000	31.1	141.2	155.0	3,040.3	9.1	3,069.4	31.1	-3,038.3	-169,980.4	14 + 40.000
14 + 46.897	11.5	140.4	140.8	971.2	0.0	971.2	11.5	-959.7	-170,950.0	14 + 46.897
14 + 60.000	24.3	126.8	134.6	1,763.6	9.0	1,772.6	24.3	-1,748.3	-172,698.3	14 + 60.000
14 + 80.000	38.8	98.5	113.7	2,273.0	9.0	2,282.0	38.8	-2,243.2	-174,941.5	14 + 80.000
14 + 100.000	34.5	68.4	82.5	1,669.0	9.0	1,678.0	34.5	-1,643.5	-176,585.0	14 + 100.000
14 + 120.000	33.4	45.6	57.0	1,140.0	9.0	1,149.0	33.4	-1,115.6	-177,760.6	14 + 120.000
14 + 140.000	34.5	30.1	37.9	757.4	9.0	766.4	34.5	-731.9	-178,492.5	14 + 140.000
14 + 160.000	70.7	17.5	23.8	476.5	9.0	485.5	70.7	-414.8	-178,847.3	14 + 160.000
14 + 180.000	272.8	4.8	11.2	223.0	9.0	232.0	40.3	-178,806.5	14 + 180.000	
14 + 200.000	351.5	0.0	2.1	47.6	9.0	56.6	56.6	-524.9	-178,281.6	14 + 200.000
14 + 220.000	794.8	0.0	0.0	0.0	9.0	9.0	9.0	-785.8	-177,495.8	14 + 220.000
14 + 240.000	912.3	0.0	0.0	0.0	9.0	9.0	9.0	-893.3	-176,592.5	14 + 240.000
14 + 260.000	362.5	0.0	0.0	0.0	9.0	9.0	9.0	-853.5	-175,791.1	14 + 260.000
14 + 280.000	792.7	0.0	0.0	0.0	9.0	9.0	9.0	-783.7	-174,985.4	14 + 280.000
14 + 300.000	781.7	0.0	0.0	0.0	9.0	9.0	9.0	-772.7	-174,182.7	14 + 300.000
14 + 320.000	743.0	0.0	0.0	0.0	9.0	9.0	9.0	-734.0	-173,448.7	14 + 320.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME: TOTAL	FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME	STATION
		SECTION		AVERAGE VOLUME	FILLING	ADDITIONAL FILLING	TOTAL FILLING			
		(m ²)	(m ²)	(m ³)	(m ³)	(m ³)	(m ³)			
14 + 340,000	269.6	0.0	0.0	9.0	9.0	9.0	9.0	960.6	-172,598.2	14 + 340,000
14 + 360,000	1,199.0	0.0	0.0	9.0	9.0	9.0	9.0	1,190.0	-171,398.1	14 + 360,000
14 + 380,000	1,615.2	0.0	0.0	9.0	9.0	9.0	9.0	1,696.2	-169,792.0	14 + 380,000
14 + 400,000	1,832.4	0.0	0.0	9.0	9.0	9.0	9.0	1,833.4	-167,968.6	14 + 400,000
14 + 420,000	1,919.1	0.0	0.0	9.0	9.0	9.0	9.0	1,910.1	-166,158.5	14 + 420,000
14 + 440,000	1,757.8	0.0	0.0	9.0	9.0	9.0	9.0	1,748.8	-164,409.8	14 + 440,000
14 + 460,000	1,796.2	0.0	0.0	9.0	9.0	9.0	9.0	1,787.2	-162,622.6	14 + 460,000
14 + 480,000	1,752.6	0.0	0.0	9.0	9.0	9.0	9.0	1,743.6	-160,878.9	14 + 480,000
14 + 500,000	1,643.1	0.0	0.0	9.0	9.0	9.0	9.0	1,594.1	-159,284.9	14 + 500,000
14 + 520,000	1,466.4	0.0	0.0	9.0	9.0	9.0	9.0	1,457.4	-157,827.5	14 + 520,000
14 + 540,000	1,247.0	0.0	0.0	9.0	9.0	9.0	9.0	1,238.0	-155,499.4	14 + 540,000
14 + 560,000	1,152.9	0.0	0.0	9.0	9.0	9.0	9.0	1,142.9	-153,145.6	14 + 560,000
14 + 580,000	1,230.2	0.0	0.0	9.0	9.0	9.0	9.0	1,221.2	-153,824.4	14 + 580,000
14 + 595,833	1,214.0	0.0	0.0	9.0	9.0	9.0	9.0	1,214.0	-152,610.4	14 + 595,833
14 + 600,000	1,486.2	0.0	0.0	9.0	9.0	9.0	9.0	477.2	-152,133.2	14 + 600,000
14 + 620,000	2,324.1	0.0	0.0	9.0	9.0	9.0	9.0	2,315.1	-149,818.0	14 + 620,000
14 + 640,000	2,987.5	0.0	0.0	9.0	9.0	9.0	9.0	2,958.5	-146,859.5	14 + 640,000
14 + 660,000	3,624.8	0.0	0.0	9.0	9.0	9.0	9.0	3,615.8	-143,243.7	14 + 660,000
14 + 680,000	4,280.1	0.0	0.0	9.0	9.0	9.0	9.0	4,281.1	-138,962.6	14 + 680,000
14 + 700,000	4,897.4	0.0	0.0	9.0	9.0	9.0	9.0	4,888.4	-134,074.2	14 + 700,000
14 + 720,000	5,262.4	0.0	0.0	9.0	9.0	9.0	9.0	5,253.4	-128,820.8	14 + 720,000
14 + 740,000	5,369.4	0.0	0.0	9.0	9.0	9.0	9.0	5,360.4	-123,460.4	14 + 740,000
14 + 755,083	1,361.5	0.0	0.0	9.0	9.0	9.0	9.0	1,351.5	-122,108.9	14 + 755,083
14 + 760,000	3,825.3	0.0	0.0	9.0	9.0	9.0	9.0	3,816.3	-118,292.6	14 + 760,000
14 + 780,000	4,566.5	0.0	0.0	9.0	9.0	9.0	9.0	4,557.5	-113,725.1	14 + 780,000
14 + 800,000	3,790.0	0.0	0.0	9.0	9.0	9.0	9.0	3,781.0	-109,954.1	14 + 800,000
14 + 820,000	2,975.9	0.0	0.0	9.0	9.0	9.0	9.0	2,966.9	-105,987.2	14 + 820,000
14 + 840,000	2,027.1	0.0	0.0	9.0	9.0	9.0	9.0	1,998.1	-104,989.1	14 + 840,000
14 + 860,000	995.1	0.0	0.0	9.0	9.0	9.0	9.0	926.1	-104,063.0	14 + 860,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	FILLING			TOTAL FILLING (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
			AVERAGE VOLUME (m ³)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)					
14 + 865.046	63.8	2.2	1.1	5.6	0.31	5.6	5.6	58.2	-104.834.3	14 + 365.046
14 + 880.000	90.5	52.0	27.1	404.2	9.0	413.2	50.5	362.7	-104.265.5	14 + 360.000
14 + 900.000	125.5	120.3	86.1	1,722.8	24.4	1,747.2	12.5	1,734.7	-105.107.2	14 + 900.000
14 + 920.000	126.6	165.9	143.1	2,861.2	24.4	2,885.6	12.6	2,873.0	-108.975.2	14 + 920.000
14 + 940.000	133.3	206.3	186.1	3,721.1	24.4	3,745.5	13.3	3,732.2	-112.707.4	14 + 940.000
14 + 960.000	22.0	165.1	185.7	3,713.1	24.4	3,737.5	22.0	3,733.5	-116.422.9	14 + 960.000
14 + 980.000	32.1	135.0	150.0	3,000.8	24.4	3,025.2	22.1	2,993.1	-119.415.9	14 + 980.000
15 + 0.000	32.0	54.0	94.5	1,889.7	-35.7	1,594.0	32.0	1,572.0	-120.387.9	15 + 0.000
15 + 15.046	49.9	7.5	30.7	463.6	0.0	463.6	49.9	413.7	-121.301.6	15 + 15.046
15 + 20.000	52.1	0.0	3.8	18.5	9.0	27.5	27.5	24.6	-121.277.0	15 + 20.000
15 + 40.000	932.3	0.0	0.0	0.0	9.0	9.0	9.0	943.3	-120.333.7	15 + 40.000
15 + 60.000	2,244.0	0.0	0.0	0.0	9.0	9.0	9.0	2,235.0	-118.093.7	15 + 60.000
15 + 80.000	3,231.1	0.0	0.0	0.0	9.0	9.0	9.0	3,222.1	-114.576.6	15 + 80.000
15 + 100.000	3,676.1	0.0	0.0	0.0	9.0	9.0	9.0	3,667.1	-111.209.6	15 + 100.000
15 + 120.000	3,791.0	0.0	0.0	0.0	9.0	9.0	9.0	3,782.0	-107.427.6	15 + 120.000
15 + 140.000	3,551.7	0.0	0.0	0.0	9.0	9.0	9.0	3,542.7	-103.384.9	15 + 140.000
15 + 160.000	3,937.7	0.0	0.0	0.0	9.0	9.0	9.0	3,928.7	-100.856.2	15 + 160.000
15 + 165.046	690.5	0.0	0.0	0.0	0.0	0.0	0.0	690.5	-100.165.7	15 + 165.046
15 + 180.000	1,852.5	0.0	0.0	0.0	9.0	9.0	9.0	1,843.5	-36.322.2	15 + 180.000
15 + 200.000	2,037.3	0.0	0.0	0.0	9.0	9.0	9.0	2,028.3	-36.393.9	15 + 200.000
15 + 220.000	1,717.7	0.0	0.0	0.0	9.0	9.0	9.0	1,708.7	-94.585.1	15 + 220.000
15 + 240.000	1,687.1	0.0	0.0	0.0	9.0	9.0	9.0	1,678.1	-92.987.1	15 + 240.000
15 + 260.000	1,790.1	0.0	0.0	0.0	9.0	9.0	9.0	1,781.1	-91.125.9	15 + 260.000
15 + 280.000	1,966.6	0.0	0.0	0.0	9.0	9.0	9.0	1,959.6	-89.166.4	15 + 280.000
15 + 300.000	2,172.9	0.0	0.0	0.0	9.0	9.0	9.0	2,163.9	-87.002.4	15 + 300.000
15 + 320.000	2,596.0	0.0	0.0	0.0	9.0	9.0	9.0	2,587.0	-84.415.4	15 + 320.000
15 + 340.000	3,061.0	0.0	0.0	0.0	9.0	9.0	9.0	3,052.0	-81.363.4	15 + 340.000
15 + 360.000	7,917.4	0.0	0.0	0.0	9.0	9.0	9.0	7,608.4	-74.351.9	15 + 360.000
15 + 372.275	2,086.4	0.0	0.0	0.0	0.0	0.0	0.0	2,086.4	-72.263.5	15 + 372.275

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING				CROSS FILLING (m ³)	REDUCTION FILLING (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SECTION		AVERAGE VOLUME (m ²)	ADDITIONAL FILLING (m ³)				
		TOTAL (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)				
15 + 350,000	5,119.6	0.0	0.0	9.0	9.0	5,110.6	-57,538.0	15 + 380,000	
15 + 400,000	7,424.1	0.0	0.0	9.0	9.0	7,415.1	-59,742.9	15 + 400,000	
15 + 420,000	7,247.1	0.0	0.0	9.0	9.0	7,238.1	-52,504.8	15 + 420,000	
15 + 440,000	6,599.7	0.0	0.0	9.0	9.0	6,590.7	-46,314.1	15 + 440,000	
15 + 460,000	6,855.0	0.0	0.0	9.0	9.0	6,826.0	-38,684.0	15 + 460,000	
15 + 480,000	6,769.3	0.0	0.0	9.0	9.0	6,750.3	-31,927.7	15 + 480,000	
15 + 484,875	1,672.8	0.0	0.0	0.0	0.0	1,672.8	-30,254.8	15 + 484,875	
15 + 500,000	0.0	0.0	0.0	9.0	9.0	0.0	-30,653.8	15 + 500,000	
15 + 520,000	6,976.4	0.0	0.0	9.0	9.0	6,957.4	-29,296.5	15 + 520,000	
15 + 540,000	3,465.6	0.0	0.0	9.0	9.0	3,477.6	-19,818.9	15 + 540,000	
15 + 560,000	3,937.2	0.0	0.0	2,353.0	2,353.0	1,614.2	-18,204.8	15 + 560,000	
15 + 580,000	4,089.2	0.0	0.0	2,353.0	2,353.0	1,726.2	-16,468.6	15 + 580,000	
15 + 600,000	3,697.8	0.0	0.0	2,507.0	2,507.0	1,190.8	-15,277.7	15 + 600,000	
15 + 620,000	2,561.1	0.0	0.0	2,553.0	2,553.0	508.1	-14,769.6	15 + 620,000	
15 + 640,000	1,498.6	0.0	0.0	2,353.0	2,353.0	1,498.6	-854.5	15 + 640,000	
15 + 660,000	3,465.8	44.4	22.2	463.5	2,360.7	346.8	-2,457.4	-18,881.5	
15 + 680,000	9.2	170.9	117.6	2,152.6	2,360.7	4,310.3	9.2	-14,504.1	
15 + 700,000	17.4	350.5	260.7	5,014.4	595.5	5,699.9	17.4	-5,562.5	
15 + 520,000	8.2	309.8	320.1	6,402.9	-987.6	5,415.3	8.2	-5,407.1	
15 + 540,000	6.5	347.4	328.6	6,571.1	-755.8	5,815.3	6.5	-5,808.8	
15 + 560,000	20.9	376.8	352.1	7,251.0	-1,207.8	6,033.2	20.9	-6,012.3	
15 + 580,000	20.8	379.0	357.9	7,737.0	24.4	7,781.4	20.8	-7,760.6	
15 + 600,000	25.1	296.7	347.8	6,986.5	-24.4	6,980.9	25.1	-6,925.8	
15 + 620,000	60.8	236.2	266.4	5,328.5	24.4	5,352.9	60.8	-5,292.1	
15 + 640,000	80.3	155.8	191.0	3,890.0	24.4	3,843.4	80.3	-3,763.1	
15 + 660,000	253.5	41.3	93.5	1,879.0	9.0	1,879.0	263.5	-1,615.5	
15 + 680,000	907.8	0.0	20.6	412.5	9.0	421.5	486.3	-65,414.9	
15 + 700,000	1,918.0	0.0	0.0	0.0	9.0	9.0	1,822.8	-68,894.4	
15 + 720,000	2,845.8	0.0	0.0	9.0	9.0	9.0	2,839.3	-65,644.6	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOL.: TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME: STATION	
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	ADDITIONAL FILLING (m ³)	CROSS FILLING (m ³)			
15 + 740,000	3,959.7	0.0	0.0	0.0	9.0	9.0	3,950.7	-61,693.9	15 + 740,000	
15 + 756,000	5,035.6	0.0	0.0	0.0	9.0	9.0	4,996.6	-56,597.3	15 + 760,000	
15 + 780,000	5,889.7	0.0	0.0	0.0	9.0	9.0	5,880.7	-50,816.6	15 + 780,000	
15 + 800,000	6,732.9	0.0	0.0	0.0	9.0	9.0	6,723.9	-44,092.7	15 + 800,000	
15 + 820,000	7,454.2	0.0	0.0	0.0	9.0	9.0	7,455.2	-36,637.5	15 + 820,000	
15 + 840,000	7,715.9	0.0	0.0	0.0	9.0	9.0	7,706.9	-28,530.7	15 + 840,000	
15 + 860,000	7,131.2	0.0	0.0	0.0	9.0	9.0	7,122.2	-21,508.5	15 + 860,000	
15 + 880,000	6,736.1	0.0	0.0	0.0	9.0	9.0	6,727.1	-15,081.4	15 + 880,000	
15 + 900,000	5,896.3	0.0	0.0	0.0	9.0	9.0	5,877.3	-9,204.0	15 + 900,000	
15 + 920,000	5,544.4	0.0	0.0	0.0	9.0	9.0	5,535.4	-3,668.6	15 + 920,000	
15 + 940,000	5,981.1	0.0	0.0	0.0	9.0	9.0	5,972.1	-2,023.5	15 + 940,000	
15 + 960,000	5,570.9	0.0	0.0	0.0	9.0	9.0	5,561.9	-7,865.4	15 + 960,000	
15 + 980,000	5,351.6	0.0	0.0	0.0	9.0	9.0	5,342.6	-4,977.0	15 + 980,000	
16 + 0,000	5,114.4	0.8	0.4	7.5	9.0	16.5	5,097.9	17,940.3	16 + 0,000	
16 + 20,000	4,818.4	0.8	0.8	15.0	9.0	24.0	24.0	4,794.4	22,734.7	16 + 20,000
16 + 40,000	4,564.9	0.8	0.4	15.0	9.0	24.0	24.0	4,540.9	27,275.7	16 + 40,000
16 + 60,000	4,291.5	1.7	1.2	24.0	9.0	33.0	33.0	4,258.5	31,534.2	16 + 60,000
16 + 80,000	4,149.7	1.9	1.8	35.0	9.0	44.0	44.0	4,105.7	35,639.9	16 + 80,000
16 + 100,000	4,158.6	2.6	2.2	44.0	9.0	53.0	53.0	4,105.8	39,745.7	16 + 100,000
16 + 120,000	4,167.5	1.2	1.9	37.0	9.0	46.0	46.0	4,121.5	43,867.2	16 + 120,000
16 + 140,000	4,117.4	0.8	1.0	19.0	9.0	28.0	28.0	3,989.4	47,856.6	16 + 140,000
16 + 160,000	3,930.4	0.8	0.8	15.0	9.0	24.0	24.0	3,906.4	51,763.0	16 + 160,000
16 + 180,000	4,004.8	0.8	0.8	15.0	9.0	24.0	24.0	3,980.8	55,243.8	16 + 180,000
16 + 200,000	3,957.1	0.0	0.4	7.5	9.0	15.5	16.5	3,940.6	59,684.4	16 + 200,000
16 + 220,000	3,867.1	1.0	0.5	9.5	9.0	18.5	18.5	3,648.6	63,332.9	16 + 220,000
16 + 240,000	3,128.8	1.8	1.4	27.5	9.0	36.5	36.5	3,092.3	66,425.3	16 + 240,000
16 + 260,000	2,741.2	0.0	0.9	18.0	9.0	27.0	27.0	2,714.2	69,139.5	16 + 260,000
16 + 280,000	2,695.4	0.7	0.4	7.0	9.0	16.0	16.0	2,679.4	71,813.9	16 + 280,000
16 + 300,000	2,465.0	0.0	0.4	7.0	9.0	16.0	16.0	2,559.0	74,567.9	16 + 300,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	AVERAGE VOLUME (m ³)	FILLING			CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
				FILLING VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)				
16 + 320,000	2,243.0	0.7	0.4	7.0	9.0	16.0	2,227.9	76,595.7	16 + 320,000	
16 + 340,000	1,785.0	0.7	0.7	14.0	9.0	23.0	1,762.0	78,377.7	16 + 340,000	
16 + 360,000	1,346.3	0.7	0.7	14.0	9.0	23.0	1,323.3	79,681.0	16 + 360,000	
16 + 380,000	1,047.4	1.9	1.3	26.0	9.0	35.0	1,012.4	80,693.4	16 + 380,000	
16 + 400,000	924.4	0.3	1.6	19.0	9.0	28.0	896.4	81,589.8	16 + 400,000	
16 + 420,000	806.8	0.0	0.0	0.0	0.0	0.0	797.8	82,387.6	16 + 420,000	
16 + 440,000	660.9	0.0	0.0	0.0	0.0	0.0	591.9	82,979.5	16 + 440,000	
16 + 460,000	446.1	0.0	0.0	0.0	0.0	0.0	418.7	83,398.1	16 + 460,000	
16 + 480,000	413.7	0.0	0.0	0.0	0.0	0.0	442.3	84,368.8	16 + 500,000	
16 + 500,000	451.2	0.0	0.0	0.0	0.0	0.0	71.4	83,469.6	16 + 480,000	
16 + 520,000	518.4	0.0	0.0	0.0	0.0	0.0	579.4	84,948.2	16 + 520,000	
16 + 540,000	782.3	0.0	0.0	0.0	0.0	0.0	773.3	85,721.4	16 + 540,000	
16 + 560,000	817.5	0.0	0.0	0.0	0.0	0.0	808.5	86,529.9	16 + 560,000	
16 + 580,000	796.5	0.0	0.0	0.0	0.0	0.0	787.4	87,317.4	16 + 580,000	
16 + 600,000	755.8	0.0	0.0	0.0	0.0	0.0	747.6	88,065.1	16 + 600,000	
16 + 620,000	578.4	0.0	0.0	0.0	0.0	0.0	569.4	88,634.5	16 + 620,000	
16 + 640,000	393.0	0.0	0.0	0.0	0.0	0.0	384.0	89,018.5	16 + 640,000	
16 + 660,000	246.5	0.0	0.0	0.0	0.0	0.0	237.5	89,255.9	16 + 660,000	
16 + 680,000	1,142.2	2.2	1.1	22.0	9.0	31.0	83.2	89,359.1	16 + 680,000	
16 + 700,000	53.6	5.7	4.0	79.0	9.0	88.0	53.6	-34.5	89,304.7	16 + 700,000
16 + 720,000	34.9	10.6	8.2	163.0	9.0	172.0	34.9	-137.2	89,167.5	16 + 720,000
16 + 723,371	4.8	10.7	10.7	35.9	0.0	35.9	4.8	-31.1	89,136.4	16 + 723,371
16 + 740,000	27.4	13.6	12.2	202.2	9.0	211.2	27.4	-183.8	88,932.6	16 + 740,000
16 + 760,000	79.1	0.5	7.1	141.2	9.0	150.2	79.1	-71.2	88,881.5	16 + 760,000
16 + 780,000	138.6	0.7	0.6	120.0	9.0	21.0	117.6	-88,939.0	16 + 780,000	
16 + 800,000	147.5	0.9	0.8	16.0	9.0	25.0	122.5	-89,121.5	16 + 800,000	
16 + 820,000	102.0	3.6	2.2	44.5	9.0	53.5	48.5	-89,176.0	16 + 820,000	
16 + 840,000	56.1	8.1	5.8	116.0	9.0	125.0	56.1	-68.9	89,101.1	16 + 840,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME: TOTAL. (m ³)	CUTTING			FILLING			CROSS FILLING			DEDUCTION			ACCUMULATE VOLUME:			STATION	
		SECTION (m ²)	AVERAGE VOLUME: (m ³)	TOTAL (m ³)	ADDITIONAL FILLING (m ³)	FILLING (m ³)	TOTAL (m ³)											
16 + 860,000	45.5	13.2	10.6	212.0	9.0	221.0	45.5	-173.5	88,925.6	16 +	960,000							
16 + 860,000	33.2	21.1	17.1	342.5	9.0	351.5	33.2	-318.4	35,507.2	16 +	860,000							
16 + 960,000	16.3	34.0	27.6	581.0	9.0	560.0	18.3	-511.7	88,065.5	16 +	960,000							
16 + 960,000	15.3	29.3	36.7	733.0	9.0	742.0	15.3	-726.7	87,338.8	16 +	920,000							
16 + 946,000	17.0	45.8	42.6	851.0	9.0	860.0	17.0	-843.0	86,495.8	16 +	946,000							
16 + 960,000	22.1	51.8	48.8	976.0	9.0	985.0	22.1	-962.9	85,532.9	16 +	960,000							
16 + 980,000	24.7	36.1	54.0	1,079.0	9.0	1,088.0	24.7	-1,063.4	94,469.6	16 +	980,000							
17 + 0,000	27.1	27.6	41.3	836.5	9.0	845.5	27.1	-818.4	83,651.2	17 +	0,000							
17 + 1,586	2.7	26.9	26.8	42.4	0.0	42.4	2.7	-29.3	83,611.4	17 +	1,586							
17 + 20,000	155.8	0.0	13.0	238.9	9.0	247.9	152.8	-94.1	83,517.3	17 +	20,000							
17 + 40,000	385.1	0.0	0.0	0.0	0.0	0.0	9.0	-776.1	84,093.3	17 +	40,000							
17 + 60,000	1,432.3	0.0	0.0	0.0	0.0	0.0	9.0	-1,423.3	85,516.6	17 +	60,000							
17 + 80,000	2,437.4	0.0	0.0	0.0	0.0	0.0	9.0	-2,428.4	87,945.0	17 +	80,000							
17 + 100,000	3,174.6	0.0	0.0	0.0	0.0	0.0	9.0	-3,165.6	91,110.5	17 +	100,000							
17 + 120,000	3,641.3	0.0	0.0	0.0	0.0	0.0	9.0	-3,622.3	94,742.8	17 +	120,000							
17 + 140,000	3,875.0	0.0	0.0	0.0	0.0	0.0	9.0	-3,866.0	98,608.8	17 +	140,000							
17 + 160,000	3,946.3	0.0	0.0	0.0	0.0	0.0	9.0	-3,937.3	102,546.1	17 +	160,000							
17 + 180,000	3,852.5	0.0	0.0	0.0	0.0	0.0	9.0	-3,843.5	106,389.6	17 +	180,000							
17 + 200,000	3,834.6	0.0	0.0	0.0	0.0	0.0	9.0	-3,825.6	109,815.2	17 +	200,000							
17 + 220,000	2,840.3	0.0	0.0	0.0	0.0	0.0	9.0	-2,831.3	112,646.6	17 +	220,000							
17 + 240,000	2,133.8	0.0	0.0	0.0	0.0	0.0	9.0	-2,124.8	114,771.4	17 +	240,000							
17 + 260,000	1,274.0	0.0	0.0	0.0	0.0	0.0	9.0	-1,265.0	116,936.4	17 +	260,000							
17 + 280,000	239.8	5.0	2.5	49.9	9.0	58.9	58.9	-480.9	116,517.2	17 +	280,000							
17 + 300,000	144.8	22.3	14.1	222.9	9.0	231.9	144.8	-147.1	116,370.2	17 +	300,000							
17 + 320,000	34.6	61.3	42.3	846.2	9.0	855.2	54.6	-820.6	115,549.6	17 +	320,000							
17 + 340,000	22.3	77.6	69.4	1,368.7	9.0	1,397.7	22.3	-1,375.4	114,174.1	17 +	340,000							
17 + 341,462	1.9	76.0	112.3	0.0	112.3	1.9	-110.4	114,063.8	17 +	341,462								
17 + 360,000	72.8	67.9	71.5	1,352.7	9.0	1,334.7	72.8	-1,222.0	112,891.8	17 +	360,000							
17 + 380,000	213.1	30.5	48.8	975.4	9.0	984.4	213.1	-271.3	112,030.5	17 +	380,000							

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME:	FILLING			TOTAL FILLING	CROSS FILLING	DEDUCTION	ACCUMULATE VOLUME	STATION
		SECTION TOTAL (m ³)	AVERAGE (m ²)	VOLUME: (m ³)					
17 + 500.000	194.2	59.1	44.8	856.4	9.0	905.4	194.2	-711.2	111,319.3 17 + 400.000
17 + 420.000	72.1	32.6	70.8	1,416.7	9.0	1,425.7	73.1	-1,322.6	109,966.7 17 + 420.000
17 + 440.000	46.8	100.0	91.3	1,826.1	9.0	1,835.1	46.8	-1,788.4	108,173.4 17 + 440.000
17 + 460.000	45.4	34.4	32.2	1,844.3	9.0	1,853.3	45.4	-1,807.0	106,370.5 17 + 460.000
17 + 480.000	47.8	69.0	67.7	1,524.1	9.0	1,543.1	47.8	-1,495.3	104,875.1 17 + 480.000
17 + 500.000	45.4	47.8	55.4	1,168.5	9.0	1,177.5	45.4	-1,132.1	103,743.0 17 + 500.000
17 + 520.000	72.2	37.0	62.6	848.3	9.0	857.3	72.2	-75.1	102,957.9 17 + 520.000
17 + 540.000	101.8	34.9	35.9	713.8	9.0	727.8	101.8	-626.0	102,331.9 17 + 540.000
17 + 560.000	138.6	21.4	26.1	562.4	9.0	571.4	136.6	-422.9	101,899.1 17 + 560.000
17 + 580.000	236.2	9.5	15.4	308.1	9.0	317.1	236.2	-80.9	101,818.2 17 + 580.000
17 + 600.000	478.9	0.0	4.7	94.5	9.0	103.5	103.5	375.4	102,193.6 17 + 600.000
17 + 620.000	757.9	0.0	0.0	0.0	9.0	9.0	9.0	748.9	102,942.5 17 + 620.000
17 + 640.000	1,094.5	0.0	0.0	0.0	9.0	9.0	9.0	1,085.5	104,028.1 17 + 640.000
17 + 660.000	1,593.1	0.0	0.0	0.0	9.0	9.0	9.0	1,584.1	105,512.2 17 + 660.000
17 + 680.000	1,901.1	0.0	0.0	0.0	9.0	9.0	9.0	1,892.1	107,404.3 17 + 680.000
17 + 700.000	2,275.0	0.0	0.0	0.0	9.0	9.0	9.0	2,266.0	109,670.3 17 + 700.000
17 + 717.493	2,131.9	0.0	0.0	0.0	9.0	9.0	9.0	2,131.9	111,802.2 17 + 717.493
17 + 720.000	308.6	0.0	0.0	0.0	9.0	9.0	9.0	299.6	112,101.8 17 + 720.000
17 + 740.000	2,384.7	0.0	0.0	0.0	9.0	9.0	9.0	2,295.7	114,377.5 17 + 740.000
17 + 760.000	2,027.2	0.0	0.0	0.0	9.0	9.0	9.0	2,018.2	116,395.8 17 + 760.000
17 + 780.000	1,648.1	3.6	1.8	36.0	9.0	45.0	45.0	1,603.1	117,598.9 17 + 780.000
17 + 800.000	1,256.2	2.7	3.1	62.5	9.0	71.5	71.5	1,184.7	119,183.6 17 + 800.000
17 + 820.000	1,025.9	0.7	1.7	33.5	9.0	42.5	42.5	1,011.4	120,195.0 17 + 820.000
17 + 840.000	773.1	4.5	2.6	32.0	9.0	61.0	61.0	712.1	120,507.1 17 + 840.000
17 + 860.000	495.1	3.5	4.0	30.0	9.0	89.0	89.0	406.1	121,313.2 17 + 860.000
17 + 887.493	131.0	10.2	6.9	51.3	0.0	51.3	51.3	79.7	121,398.0 17 + 887.493
17 + 880.000	171.4	13.0	11.6	145.1	9.0	154.1	154.1	173	121,410.3 17 + 880.000
17 + 900.000	225.3	19.6	16.3	306.0	9.0	305.0	225.2	109.8	121,300.5 17 + 900.000
17 + 920.000	177.2	23.0	20.3	405.5	9.0	414.5	177.2	-27.3	121,063.3 17 + 920.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION			
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)								
					(m ³)	(m ³)							
17 + 940.000	191.7	9.3	15.1	302.5	9.0	311.5	191.7	-119.3	120,943.4	17 + 340,000			
17 + 960.000	231.0	16.2	128	255.0	9.0	264.0	221.0	-43.0	120,906.4	17 + 360,000			
17 + 980.000	237.6	9.4	12.8	255.5	9.0	264.5	227.6	-26.9	120,873.5	17 + 380,000			
18 + 0.000	249.2	11.7	11.5	210.5	9.0	219.5	219.5	-79.7	120,953.2	18 + 0.000			
18 + 20.000	333.6	11.4	11.6	231.0	9.0	240.0	240.0	-93.6	121,046.8	18 + 20,000			
18 + 40.000	290.3	19.9	15.7	313.0	9.0	322.0	290.3	-31.7	121,015.1	18 + 40,000			
18 + 60.000	208.3	25.6	22.8	455.0	16.7	471.7	208.3	-263.5	120,751.7	18 + 60,000			
18 + 80.000	147.9	39.7	32.6	652.5	16.7	669.2	147.9	-521.3	120,230.4	18 + 80,000			
18 + 100.000	116.5	41.8	40.7	814.0	16.7	830.7	116.5	-714.3	119,516.1	18 + 100,000			
18 + 120.000	74.4	48.9	45.3	906.0	16.7	922.7	74.4	-848.3	118,667.8	18 + 120,000			
18 + 136.257	47.0	54.0	51.4	836.0	0.0	836.0	47.0	-789.0	117,876.8	18 + 136.257			
18 + 140.000	14.2	57.4	55.7	208.4	16.7	225.1	14.2	-210.9	117,667.9	18 + 140,000			
18 + 160.000	99.0	81.8	69.6	1391.0	16.7	1407.7	99.0	-1308.7	116,359.2	18 + 160,000			
18 + 180.000	77.4	98.0	89.9	1797.0	16.7	1813.7	77.4	-1726.4	114,622.9	18 + 180,000			
18 + 200.000	49.7	86.9	92.4	1,848.0	16.7	1,864.7	49.7	-1,815.0	112,807.9	18 + 200,000			
18 + 220.000	57.4	55.7	91.3	1,825.0	16.7	1,841.7	57.4	-1,784.3	111,023.6	18 + 220,000			
18 + 240.000	37.4	97.4	96.5	1,930.5	16.7	1,947.2	37.4	-1,909.8	109,113.8	18 + 240,000			
18 + 260.000	31.0	120.3	108.9	2,177.0	16.7	2,193.7	31.0	-2,162.7	106,951.1	18 + 260,000			
18 + 280.000	39.5	129.9	125.1	2,920.0	16.7	2,916.7	39.5	-2,579.2	104,471.9	18 + 280,000			
18 + 286.257	21.0	126.6	128.2	802.3	0.0	802.3	21.0	-781.3	103,690.6	18 + 286.257			
18 + 300.000	48.2	139.6	128.1	1,759.8	16.7	1,776.5	48.2	-1,728.3	101,962.3	18 + 300,000			
18 + 320.000	62.5	129.3	125.4	2,588.5	16.7	2,605.2	62.5	-2,542.7	99,419.6	18 + 320,000			
18 + 340.000	99.9	157.4	143.3	2,866.5	16.7	2,883.2	99.9	-2,783.3	96,636.3	18 + 340,000			
18 + 360.000	166.2	146.3	151.8	3,036.0	24.4	3,060.4	166.2	-2,994.2	93,742.1	18 + 360,000			
18 + 380.000	146.6	158.8	152.5	3,050.0	24.4	3,074.4	146.6	-2,927.8	90,814.3	18 + 380,000			
18 + 400.000	124.5	147.5	153.1	3,082.5	310.4	2,752.1	124.5	-2,627.6	88,196.7	18 + 400,000			
18 + 420.000	127.5	137.7	127.6	2,752.0	24.4	2,716.4	127.5	-2,645.9	85,537.8	18 + 420,000			
18 + 440.000	131.3	117.7	122.7	2,454.0	24.4	2,473.4	137.3	-2,341.1	83,196.7	18 + 440,000			
18 + 460.000	135.6	92.8	105.3	2,105.0	24.4	2,129.4	135.6	-1,993.8	81,202.9	18 + 460,000			

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL	FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME	STATION
		SUCTION (m ³)	AVERAGE (m ²)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	(m ³)			
18 + 480,000	82.9	87.2	90.0	1,799.5	9.0	1,808.5	82.9	-1,725.6	79,477.2	18 + 480,000
18 + 500,000	67.6	82.1	84.6	1,622.0	9.0	1,701.0	67.6	-1,633.4	77,843.6	18 + 500,000
18 + 520,000	86.7	34.4	58.2	1,164.5	9.0	1,173.5	86.7	-1,086.8	76,757.0	18 + 520,000
18 + 540,000	195.1	18.2	26.3	526.0	9.0	535.0	195.1	-339.9	76,417.1	18 + 540,000
18 + 560,000	326.8	16.1	36.5	312.5	9.0	371.5	326.8	-447.7	76,372.4	18 + 560,000
18 + 580,000	909.2	0.0	9.0	180.5	9.0	189.5	909.2	-719.7	77,092.1	18 + 580,000
18 + 600,000	1,364.3	5.1	2.5	50.5	9.0	59.5	1,304.8	-78,396.9	18 + 600,000	
18 + 620,000	1,406.1	0.0	2.5	30.5	9.0	39.5	1,346.6	-79,743.5	18 + 620,000	
18 + 640,000	1,488.0	1.5	0.7	14.5	9.0	23.5	1,464.5	-81,208.1	18 + 640,000	
18 + 660,000	1,724.7	0.0	0.7	14.5	9.0	23.5	1,711.2	-82,919.3	18 + 660,000	
18 + 680,000	2,180.2	0.6	0.0	0.0	9.0	9.0	2,171.2	-85,050.5	18 + 680,000	
18 + 700,000	2,197.2	0.6	0.3	6.0	9.0	15.0	2,182.2	-87,272.7	18 + 700,000	
18 + 720,000	2,032.3	0.0	0.3	6.0	9.0	15.0	2,017.3	-89,290.1	18 + 720,000	
18 + 736,257	1,855.9	0.0	0.0	0.0	0.0	0.0	1,855.9	-91,146.0	18 + 736,257	
18 + 740,000	3,856.4	0.0	0.0	0.0	0.0	0.0	477.4	-91,623.3	18 + 740,000	
18 + 760,000	3,173.0	0.0	0.0	0.0	9.0	9.0	3,164.0	-94,787.3	18 + 760,000	
18 + 780,000	3,892.8	0.0	0.0	0.0	9.0	9.0	3,983.8	-98,771.1	18 + 780,000	
18 + 800,000	4,698.3	0.0	0.0	0.0	9.0	9.0	4,689.3	-103,460.4	18 + 800,000	
18 + 820,000	5,157.7	0.0	0.0	0.0	9.0	9.0	5,148.7	-108,609.1	18 + 820,000	
18 + 840,000	5,135.0	1.4	0.7	14.0	9.0	23.0	5,112.0	-113,721.1	18 + 840,000	
18 + 860,000	4,866.0	0.4	0.9	17.5	9.0	26.5	4,839.5	-118,560.5	18 + 860,000	
18 + 880,000	4,421.8	0.4	0.4	7.0	9.0	16.0	4,405.8	-122,946.3	18 + 880,000	
18 + 900,000	3,679.6	2.2	1.3	25.5	9.0	34.5	3,645.1	-126,611.4	18 + 900,000	
18 + 920,000	2,568.1	0.8	1.5	30.0	9.0	39.0	2,529.1	-129,140.5	18 + 920,000	
18 + 940,000	1,578.5	5.7	3.2	64.5	9.0	73.5	1,505.0	-130,645.5	18 + 940,000	
18 + 960,000	814.1	9.2	7.4	14.5	9.0	157.5	656.6	-131,392.1	18 + 960,000	
18 + 980,000	298.8	13.8	11.5	29.5	9.0	238.5	60.3	-131,362.4	18 + 980,000	
19 + 0.000	114.6	41.4	27.6	51.2	9.0	50.2	114.6	-445.6	130,916.8	19 + 0.000
19 + 20,000	91.5	66.5	1,329.0	9.0	1,338.0	43.8	-1,294.2	129,622.6	19 + 20,000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)				
19 + 400,000	38.0	127.0	109.3	2,185.6	9.0	2,194.6	38.0	-2,156.6	127,466.0	19 + 40,000
19 + 51,992	24.2	124.2	125.6	1,506.6	0.0	1,506.6	24.2	-1,482.3	125,983.6	19 + 51,992
19 + 60,000	10.5	146.8	135.5	1,085.3	9.0	1,094.3	10.5	-1,083.8	124,899.3	19 + 60,000
19 + 80,000	16.6	170.4	158.6	3,172.3	9.0	3,181.3	16.6	-3,164.7	121,735.1	19 + 80,000
19 + 100,000	33.0	172.3	171.4	3,427.0	9.0	3,436.0	32.0	-3,405.0	118,332.1	19 + 100,000
19 + 120,000	34.8	168.5	170.4	3,408.0	9.0	3,417.0	34.8	-3,382.2	114,949.8	19 + 120,000
19 + 140,000	21.9	179.3	173.9	3,477.7	9.0	3,486.7	21.9	-3,464.8	111,485.1	19 + 140,000
19 + 160,000	22.6	168.9	174.1	3,481.9	9.0	3,490.9	22.6	-3,468.3	108,016.8	19 + 160,000
19 + 180,000	26.2	136.1	152.5	3,020.7	9.0	3,059.7	26.2	-3,033.5	104,983.2	19 + 180,000
19 + 200,000	55.6	102.4	119.3	2,385.0	9.0	2,394.0	55.6	-2,358.4	102,644.8	19 + 200,000
19 + 220,000	77.6	47.1	74.7	1,494.1	9.0	1,503.1	77.6	-1,495.5	101,219.3	19 + 220,000
19 + 240,000	175.4	20.3	33.7	673.6	9.0	682.6	175.4	-507.2	100,712.1	19 + 240,000
19 + 256,000	750.2	0.0	10.2	203.1	9.0	212.1	212.1	-538.1	101,250.2	19 + 256,000
19 + 280,000	1,389.6	0.5	0.3	5.0	9.0	14.0	14.0	-1,373.6	102,625.8	19 + 280,000
19 + 300,000	1,746.4	0.0	0.3	5.0	9.0	14.0	14.0	-1,732.4	104,358.3	19 + 300,000
19 + 320,000	1,536.4	0.4	0.2	4.0	9.0	13.0	13.0	-1,623.4	105,981.7	19 + 320,000
19 + 340,000	1,210.3	0.0	0.2	4.0	9.0	13.0	13.0	-1,297.3	107,278.9	19 + 340,000
19 + 360,000	1,055.1	4.5	2.2	44.9	9.0	53.9	53.9	-1,001.2	103,280.1	19 + 360,000
19 + 380,000	555.1	20.2	12.4	247.2	9.0	256.2	256.2	-238.9	103,579.0	19 + 380,000
19 + 400,000	255.2	39.5	30.0	600.3	9.0	609.3	255.2	-354.1	108,224.8	19 + 400,000
19 + 420,000	146.5	92.5	66.1	1,322.8	9.0	1,331.8	146.5	-1,185.3	107,039.6	19 + 420,000
19 + 440,000	48.8	148.8	120.6	2,412.6	9.0	2,421.6	48.8	-2,372.8	104,666.8	19 + 440,000
19 + 460,000	31.5	201.8	175.3	3,505.9	24.4	3,520.3	31.5	-3,498.9	101,167.9	19 + 460,000
19 + 480,000	30.2	253.9	227.9	4,557.1	24.4	4,581.5	30.2	-4,551.3	96,616.6	19 + 480,000
19 + 500,000	522.3	259.9	256.9	5,136.0	-2,168.1	2,969.9	522.3	-2,467.6	94,169.0	19 + 500,000
19 + 520,000	105.3	259.9	53.7	15.4	53.1	105.2	105.2	-427.8	93,741.2	19 + 520,000
19 + 540,000	835.6	250.7	255.6	5,111.0	9.0	5,120.0	835.6	-4,284.5	85,735.0	19 + 540,000
19 + 560,000	392.3	242.7	4,933.5	9.0	4,942.5	392.3	-4,550.2	81,184.8	19 + 560,000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL	FILLING			GROSS FILLING			DIRECTION	ACCUMULATE VOLUME	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	(m ³)	(m ³)			
19 + 580.000	127.9	225.6	234.2	4,583.0	9.0	4,692.0	127.9	-4,584.1	76,520.7	19 + 580.000
19 + 600.000	40.3	224.0	224.8	4,495.5	9.0	4,504.5	40.3	-4,496.2	72,156.5	19 + 600.000
19 + 620.000	30.1	185.7	204.8	4,056.0	9.0	4,105.0	30.1	-4,074.9	68,081.6	19 + 620.000
19 + 640.000	30.6	170.8	178.2	3,564.5	9.0	3,573.5	30.6	-3,542.9	64,538.7	19 + 640.000
19 + 660.000	80.8	150.1	160.4	3,218.6	9.0	3,227.6	80.8	-3,136.9	61,401.3	19 + 660.000
19 + 665.167	20.9	144.5	147.3	751.0	0.0	761.0	20.9	-740.2	60,661.7	19 + 665.167
19 + 680.000	34.1	125.0	134.8	1,928.9	9.0	2,007.9	34.1	-1,973.8	58,687.8	19 + 680.000
19 + 700.000	57.8	94.0	109.5	2,190.0	9.0	2,199.0	57.8	-2,141.2	56,546.7	19 + 700.000
19 + 720.000	49.1	49.3	71.7	1,433.5	9.0	1,442.5	49.1	-1,399.4	55,153.3	19 + 720.000
19 + 740.000	187.3	10.0	29.7	593.5	9.0	602.5	187.3	-415.2	54,738.1	19 + 740.000
19 + 760.000	805.1	0.0	5.0	100.0	0.0	100.0	108.0	-696.1	55,434.2	19 + 760.000
19 + 780.000	1,776.9	0.0	0.0	0.0	0.0	0.0	0.0	-1,767.9	57,202.1	19 + 780.000
19 + 800.000	2,723.5	0.0	0.0	0.0	0.0	0.0	0.0	-2,714.5	59,916.6	19 + 800.000
19 + 820.000	3,711.4	0.0	0.0	0.0	0.0	0.0	0.0	-3,702.4	63,618.9	19 + 820.000
19 + 840.000	4,573.2	0.0	0.0	0.0	0.0	0.0	0.0	-4,564.2	68,183.1	19 + 840.000
19 + 860.000	5,388.1	0.0	0.0	0.0	0.0	0.0	0.0	-5,079.1	73,262.3	19 + 860.000
19 + 873.500	3,580.0	0.0	0.0	0.0	0.0	0.0	0.0	-3,580.0	76,842.3	19 + 873.500
19 + 890.000	1,710.8	0.0	0.0	0.0	0.0	0.0	0.0	-1,701.8	78,544.0	19 + 890.000
19 + 900.000	5,107.9	0.0	0.0	0.0	0.0	0.0	0.0	-5,098.9	83,642.9	19 + 900.000
19 + 920.000	4,587.6	0.0	0.0	0.0	0.0	0.0	0.0	-4,678.6	83,221.4	19 + 920.000
19 + 940.000	4,177.1	0.9	0.5	9.0	9.0	16.0	16.0	-4,159.1	92,480.5	19 + 940.000
19 + 960.000	3,697.7	2.4	1.7	33.0	9.0	42.0	42.0	-3,655.7	96,136.2	19 + 960.000
19 + 980.000	3,259.7	1.0	1.7	33.5	9.0	42.5	42.5	-3,217.2	99,353.3	19 + 980.000
20 + 0.000	3,043.9	0.9	0.9	18.5	9.0	27.5	27.5	-3,016.4	102,669.8	20 + 0.000
20 + 20.000	2,855.3	0.9	0.9	18.0	9.0	27.0	27.0	-2,808.3	105,178.0	20 + 20.000
20 + 40.000	2,570.1	0.0	0.5	9.0	9.0	18.0	18.0	-2,532.1	107,730.2	20 + 40.000
20 + 60.000	2,278.7	0.0	0.0	0.0	0.0	0.0	0.0	-2,269.7	109,999.8	20 + 60.000
20 + 80.000	1,740.6	0.0	0.0	0.0	0.0	0.0	0.0	-1,731.6	111,731.5	20 + 80.000
20 + 100.000	1,050.7	2.7	33.0	9.0	9.0	62.0	62.0	-988.7	112,220.2	20 + 100.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	AVERAGE VOLUME (m ³)	FILLING			GROSS FILLING (m ³)	DEDUCTION	ACCUMULATE VOLUME (m ³)	STATION
				FILLING ADDITIONAL FILLING (m ³)	FILLING (m ³)	TOTAL (m ³)				
20 + 120.000	461.4	7.7	65.5	10.0	9.0	139.0	139.0	322.4	113.042.6	20 + 120.000
20 + 140.000	186.6	13.7	10.7	21.6	9.0	222.6	186.6	-36.0	113.046.6	20 + 140.000
20 + 160.000	111.7	41.4	27.5	50.9	24.4	575.3	111.7	-463.6	112.543.0	20 + 160.000
20 + 180.000	65.5	59.7	50.6	1.01.3	24.4	1.035.7	65.5	-970.2	111.572.8	20 + 180.000
20 + 200.000	101.0	72.3	66.0	1.320.0	-25.2	1.044.8	101.0	-1.003.8	110.569.0	20 + 200.000
20 + 220.000	115.9	79.1	75.7	1.514.0	24.4	1.538.4	115.9	-1.422.5	109.146.5	20 + 220.000
20 + 240.000	114.0	84.6	81.9	1.687.0	24.4	1.664.4	114.0	-1.547.4	107.599.1	20 + 240.000
20 + 260.000	100.3	83.0	83.8	1.676.0	9.0	1.685.0	100.3	-1.584.7	106.014.5	20 + 260.000
20 + 280.000	90.7	74.5	78.7	1.574.5	9.0	1.583.5	90.7	-1.492.8	104.521.7	20 + 280.000
20 + 300.000	82.5	71.0	72.7	1.454.3	9.0	1.463.3	82.5	-1.380.8	103.140.9	20 + 300.000
20 + 320.000	77.0	69.2	70.1	1.401.4	9.0	1.410.4	77.0	-1.333.4	101.587.5	20 + 320.000
20 + 340.000	79.1	65.1	67.1	1.342.8	9.0	1.351.8	79.1	-1.272.7	100.534.8	20 + 340.000
20 + 360.000	91.5	61.7	63.4	1.267.9	9.0	1.276.9	91.5	-1.185.4	99.349.4	20 + 360.000
20 + 380.000	89.2	59.1	60.4	1.207.5	9.0	1.216.5	89.2	-1.127.3	96.222.1	20 + 380.000
20 + 400.000	94.0	53.5	56.3	1.125.6	9.0	1.134.6	94.0	-1.040.8	97.181.3	20 + 400.000
20 + 420.000	107.3	48.3	50.9	1.018.3	9.0	1.027.3	107.3	-920.0	96.261.3	20 + 420.000
20 + 440.000	100.8	50.0	49.2	983.7	9.0	992.7	100.8	-891.9	95.369.4	20 + 440.000
20 + 460.000	107.4	45.9	48.0	99.4	9.0	968.4	107.4	-861.0	94.508.4	20 + 460.000
20 + 480.000	115.2	46.9	46.4	928.0	9.0	937.0	115.2	-821.8	93.686.5	20 + 480.000
20 + 500.000	112.6	48.6	47.8	953.2	9.0	964.2	112.6	-851.6	92.835.0	20 + 500.000
20 + 520.000	116.5	52.2	50.4	1.008.0	9.0	1.017.0	116.5	-900.6	91.934.4	20 + 520.000
20 + 540.000	128.4	63.3	57.8	1.155.1	9.0	1.164.1	128.4	-1.025.8	90.898.7	20 + 540.000
20 + 560.000	135.2	79.6	71.5	1.429.6	36.6	1.466.2	135.2	-1.331.0	89.567.7	20 + 560.000
20 + 580.000	118.6	90.5	85.1	1.701.5	32.7	1.734.2	118.6	-1.615.6	87.952.0	20 + 580.000
20 + 600.000	121.6	101.1	95.8	1.915.9	32.7	1.945.6	121.6	-1.827.0	86.125.0	20 + 600.000
20 + 620.000	366.1	155.7	108.4	2.167.7	2.267.7	4.934.1	366.1	-4.069.3	82.055.7	20 + 620.000
20 + 640.000	316.6	137.0	126.4	2.527.3	2.267.7	4.795.0	316.6	-4.478.4	71.577.3	20 + 640.000
20 + 660.000	294.6	145.2	141.1	2.822.3	2.267.7	5.090.0	294.6	-4.795.4	72.781.9	20 + 660.000
20 + 676.252	30.11	163.3	154.2	2.503.7	0.0	2.503.7	30.11	-2.473.6	70.238.3	20 + 676.252

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL	FILLING				CROSS FILLING				DEDUCTION	ACCUMULATE VOLUME		
		SECTION (m ²)	AVERAGE (m ²)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)	CROSS FILLING (m ³)	ACCUMULATE VOLUME (m ³)				
20 + 680.000	261.6	168.2	165.8	624.6	2,267.7	2,892.3	261.6	-2,690.7	67,677.8	20 +	680.000		
20 + 700.000	294.9	188.4	178.3	3,566.6	2,267.7	5,834.3	294.9	-5,539.4	62,135.2	20 +	700.000		
20 + 720.000	322.0	213.9	201.2	4,023.5	2,267.7	6,291.2	322.0	-5,989.2	56,149.0	20 +	720.000		
20 + 740.000	343.5	238.9	226.4	4,577.7	2,267.7	6,793.4	314.5	-6,480.9	49,668.1	20 +	740.000		
20 + 760.000	355.6	268.2	253.5	5,070.5	2,267.7	7,338.2	285.6	-7,052.6	42,615.5	20 +	760.000		
20 + 780.000	261.1	297.6	282.9	5,657.3	2,267.7	7,921.2	261.1	-7,684.1	34,951.5	20 +	780.000		
20 + 800.000	257.4	322.0	314.8	6,295.2	2,267.7	8,562.9	267.4	-8,295.5	26,656.0	20 +	800.000		
20 + 820.000	267.5	355.2	348.6	6,971.9	2,267.7	9,259.6	267.5	-8,897.1	17,683.9	20 +	820.000		
20 + 840.000	267.5	401.1	383.2	7,663.0	2,267.7	9,936.1	267.5	-9,663.2	8,029.7	20 +	840.000		
20 + 860.000	266.6	405.5	420.8	8,415.6	2,267.7	10,682.3	266.6	-10,416.7	-2,396.0	20 +	860.000		
20 + 880.000	266.6	468.0	454.2	9,084.6	2,267.7	11,352.3	266.6	-11,085.7	-13,481.7	20 +	880.000		
20 + 894.565	3.0	453.8	465.9	2,126.9	0.0	2,126.9	3.0	-2,123.9	-15,895.6	20 +	894.565		
20 + 900.000	264.4	459.0	451.4	6,967.6	3,542.1	3,425.5	264.4	-3,161.0	-18,766.6	20 +	900.000		
20 + 920.000	288.5	412.2	425.6	8,511.9	2,267.7	10,779.6	288.5	-10,491.1	-29,257.7	20 +	920.000		
20 + 940.000	360.0	438.2	425.2	8,503.5	2,267.7	10,771.2	360.0	-10,411.2	-39,659.0	20 +	940.000		
20 + 960.000	432.8	388.7	413.4	8,268.5	2,267.7	10,536.2	412.8	-10,653.4	49,722.4	20 +	960.000		
20 + 980.000	460.1	323.9	365.6	7,315.5	2,267.5	9,582.0	460.1	-9,122.9	-58,845.2	20 +	980.000		
21 + 0.000	84.2	379.5	361.2	7,223.0	0.0	7,232.0	84.2	-7,147.9	-65,923.1	21 +	0.000		
21 + 20.000	51.9	245.6	332.5	6,650.0	9.0	6,659.0	51.9	-6,607.2	-72,600.2	21 +	20.000		
21 + 40.000	47.9	141.1	213.3	4,266.0	9.0	4,275.0	47.9	-4,227.1	76,827.3	21 +	40.000		
21 + 60.000	57.7	53.2	97.1	1,942.5	9.0	1,951.5	57.7	-1,883.8	78,721.1	21 +	60.000		
21 + 80.000	170.9	0.0	266	532.0	9.0	541.0	170.9	-370.2	79,091.2	21 +	80.000		
21 + 92.898	599.1	0.0	0.0	0.0	0.0	0.0	0.0	399.1	2240.1	-75,700.2	21 +	120.000	
21 + 100.000	4409.4	0.0	0.0	0.0	0.0	0.0	0.0	4,409.4	-61,929.3	21 +	160.000		
21 + 120.000	5,523.7	0.0	0.0	0.0	0.0	0.0	0.0	5,514.7	-62,414.6	21 +	180.000		
21 + 200.000	6,606.7	0.0	0.0	0.0	0.0	0.0	0.0	6,597.7	-55,816.9	21 +	200.000		

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	TOTAL FILLING (m ³)						
21 + 220.000	7,633.19	0.0	0.0	0.0	0.0	0.0	7,625.9	-48,191.0	21 + 220.000	
21 + 240.000	8,545.9	0.0	0.0	0.0	0.0	0.0	8,536.9	-39,654.1	21 + 240.000	
21 + 260.000	9,324.8	0.0	0.0	0.0	0.0	0.0	9,315.8	-30,338.3	21 + 260.000	
21 + 280.000	9,751.8	0.0	0.0	0.0	0.0	0.0	9,742.8	-20,595.5	21 + 280.000	
21 + 300.000	9,853.2	0.0	0.0	0.0	0.0	0.0	9,844.2	-10,751.3	21 + 300.000	
21 + 320.000	9,598.2	0.0	0.0	0.0	0.0	0.0	9,589.2	-1,162.1	21 + 320.000	
21 + 340.000	9,185.1	0.0	0.0	0.0	0.0	0.0	9,176.3	8,014.2	21 + 340.000	
21 + 360.000	8,950.2	0.0	0.0	0.0	0.0	0.0	8,941.2	16,955.4	21 + 360.000	
21 + 380.000	8,921.7	0.0	0.0	0.0	0.0	0.0	8,912.7	25,568.1	21 + 380.000	
21 + 400.000	8,172.0	0.0	0.0	0.0	0.0	0.0	8,164.0	33,792.0	21 + 400.000	
21 + 420.000	7,800.7	0.0	0.0	0.0	0.0	0.0	7,791.7	61,523.7	21 + 420.000	
21 + 440.000	7,589.0	0.0	0.0	0.0	0.0	0.0	7,574.0	49,097.7	21 + 440.000	
21 + 460.000	7,451.1	0.0	0.0	0.0	0.0	0.0	7,442.1	56,539.3	21 + 460.000	
21 + 480.000	7,170.5	0.0	0.0	0.0	0.0	0.0	7,161.5	63,701.3	21 + 480.000	
21 + 500.000	6,780.3	0.0	0.0	0.0	0.0	0.0	6,771.3	70,472.5	21 + 500.000	
21 + 520.000	6,583.4	0.0	0.0	0.0	0.0	0.0	6,579.4	77,052.0	21 + 520.000	
21 + 540.000	6,217.9	0.0	0.0	0.0	0.0	0.0	6,208.9	83,260.8	21 + 540.000	
21 + 560.000	4,979.8	0.0	0.0	0.0	0.0	0.0	4,970.8	86,231.6	21 + 560.000	
21 + 563.141	627.8	0.0	0.0	0.0	0.0	0.0	627.8	88,839.4	21 + 563.141	
21 + 580.000	2,848.8	0.0	0.0	0.0	0.0	0.0	2,839.8	91,699.2	21 + 580.000	
21 + 600.000	2,271.3	0.6	0.3	0.6	0.0	14.6	14.6	2,336.7	94,055.0	21 + 600.000
21 + 620.000	1,471.4	0.6	0.6	11.5	0.0	20.5	20.5	1,450.9	95,506.9	21 + 620.000
21 + 640.000	758.3	0.7	0.6	12.6	0.0	21.6	21.6	726.7	96,243.6	21 + 640.000
21 + 660.000	284.8	2.7	1.7	34.1	0.0	43.1	43.1	241.7	96,485.3	21 + 660.000
21 + 680.000	124.9	1.5	2.1	42.7	0.0	51.7	51.7	73.2	96,558.4	21 + 680.000
21 + 700.000	166.6	0.0	0.3	15.3	0.0	24.3	24.3	142.3	96,700.7	21 + 700.000
21 + 720.000	314.8	0.0	0.0	0.0	0.0	0.0	0.0	305.8	97,006.6	21 + 720.000
21 + 740.000	557.4	0.0	0.0	0.0	0.0	0.0	0.0	548.4	97,555.0	21 + 740.000
21 + 760.000	759.8	0.0	0.0	0.0	0.0	0.0	0.0	750.8	98,305.8	21 + 760.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME: TOTAL (m ³)	FILLING			CROSS FILLING			DEDUCTION ACCUMULATE VOLUME: (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME: (m ³)	ADDITIONAL BILLING (m ³)	TOTAL (m ³)	BILLING (m ³)	CROSS (m ³)		
21 + 711.474	581.9	0.0	0.0	0.0	0.0	0.0	531.9	98,987.7	21 + 771.474
21 + 780.000	522.8	0.0	0.0	0.0	9.0	9.0	513.8	99,401.5	21 + 780.000
21 + 800.000	1,379.5	0.0	0.0	0.0	9.0	9.0	1,370.5	100,772.0	21 + 800.000
21 + 820.000	1,595.6	0.0	0.0	0.0	9.0	9.0	1,595.6	102,358.6	21 + 820.000
21 + 840.000	1,872.7	0.0	0.0	0.0	9.0	9.0	1,864.7	104,223.3	21 + 840.000
21 + 860.000	2,207.9	0.0	0.0	0.0	9.0	9.0	2,198.9	106,422.2	21 + 860.000
21 + 880.000	2,607.3	0.0	0.0	0.0	9.0	9.0	2,598.3	109,020.4	21 + 880.000
21 + 900.000	3,175.3	0.0	0.0	0.0	9.0	9.0	3,164.3	112,184.7	21 + 900.000
21 + 920.000	3,673.1	0.0	0.0	0.0	9.0	9.0	3,664.1	115,948.8	21 + 920.000
21 + 931.474	2,283.2	0.0	0.0	0.0	0.0	0.0	2,283.2	118,131.9	21 + 931.474
21 + 940.000	1,795.7	0.0	0.0	0.0	9.0	9.0	1,786.7	119,914.7	21 + 940.000
21 + 960.000	4,325.5	0.0	0.0	0.0	9.0	9.0	4,616.5	124,535.1	21 + 960.000
21 + 980.000	5,180.7	0.0	0.0	0.0	9.0	9.0	5,171.7	129,706.8	21 + 980.000
22 + 0.000	5,734.5	0.0	0.0	0.0	9.0	9.0	5,725.5	135,432.4	22 + 0.000
22 + 20.000	6,249.7	0.0	0.0	0.0	9.0	9.0	6,240.7	141,673.0	22 + 20.000
22 + 40.000	6,508.7	0.0	0.0	0.0	9.0	9.0	6,599.7	148,272.7	22 + 40.000
22 + 60.000	6,802.5	0.0	0.0	0.0	9.0	9.0	6,793.5	155,066.2	22 + 60.000
22 + 80.000	6,750.6	0.0	0.0	0.0	9.0	9.0	6,741.6	161,807.5	22 + 80.000
22 + 100.000	6,344.0	0.0	0.0	0.0	9.0	9.0	6,435.0	168,242.8	22 + 100.000
22 + 103.321	997.9	0.0	0.0	0.0	0.0	0.0	997.9	169,240.7	22 + 103.321
22 + 120.000	4,978.1	0.0	0.0	0.0	9.0	9.0	4,969.1	174,209.8	22 + 120.000
22 + 140.000	5,342.7	0.0	0.0	0.0	9.0	9.0	5,333.7	179,543.5	22 + 140.000
22 + 160.000	4,516.0	0.0	0.0	0.0	9.0	9.0	4,507.0	184,050.5	22 + 160.000
22 + 180.000	3,688.8	0.0	0.0	0.0	9.0	9.0	3,679.8	187,730.2	22 + 180.000
22 + 200.000	2,989.2	0.0	0.0	0.0	9.0	9.0	2,980.2	190,710.4	22 + 200.000
22 + 220.000	2,356.0	0.0	0.0	0.0	9.0	9.0	2,347.0	193,057.5	22 + 220.000
22 + 240.000	1,844.5	3.4	1.7	33.5	9.0	42.5	1,832.0	194,859.4	22 + 240.000
22 + 260.000	1,592.7	1.5	2.4	48.5	9.0	57.5	1,535.2	196,394.7	22 + 260.000
22 + 263.321	248.6	1.1	1.3	4.2	0.0	4.2	244.4	196,639.1	22 + 263.321

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME: TOTAL (m ³)	FILLING			CROSS FILLING			DREDGING VOLUME (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ²)	CROSS FILLING (m ²)			
22 + 280,000	1,292.4	1.1	1.1	-18.4	9.0	27.4	27.4	1,265.0	197,904.1	22 + 280,000
22 + 308,000	1,471.4	1.3	1.3	25.0	9.0	34.0	34.0	1,437.4	199,241.4	22 + 300,000
22 + 320,000	1,290.6	1.2	1.3	26.0	9.0	35.0	35.0	1,355.6	200,597.0	22 + 320,000
22 + 340,000	1,254.6	2.1	1.6	32.5	9.0	41.5	41.5	1,213.1	201,910.1	22 + 340,000
22 + 360,000	983.3	1.3	1.7	33.5	9.0	42.5	42.5	988.8	202,849.0	22 + 360,000
22 + 380,000	895.9	1.3	1.3	26.0	9.0	35.0	35.0	860.9	203,709.9	22 + 380,000
22 + 400,000	658.3	0.7	1.0	20.0	9.0	29.0	29.0	629.3	204,339.2	22 + 400,000
22 + 420,000	216.8	4.7	2.7	54.0	9.0	63.0	63.0	153.8	204,492.9	22 + 420,000
22 + 440,000	82.7	11.5	8.1	161.5	9.0	170.5	170.5	-46.8	204,446.2	22 + 440,000
22 + 460,000	76.1	10.6	11.0	230.5	9.0	229.5	229.5	-153.4	204,252.7	22 + 460,000
22 + 480,000	78.2	9.2	9.9	197.5	9.0	206.5	206.5	-128.3	204,124.4	22 + 480,000
22 + 500,000	120.3	4.0	6.6	131.5	9.0	140.3	140.3	-20.2	204,104.2	22 + 500,000
22 + 520,000	98.2	3.8	3.9	78.0	9.0	97.0	97.0	111.2	204,215.4	22 + 520,000
22 + 540,000	325.7	1.4	2.6	52.0	9.0	61.0	61.0	264.7	204,450.2	22 + 540,000
22 + 560,000	546.1	1.4	1.4	28.0	9.0	37.0	37.0	599.1	204,989.3	22 + 560,000
22 + 580,000	825.8	1.4	1.4	28.0	9.0	37.0	37.0	758.8	205,778.1	22 + 580,000
22 + 600,000	1,164.5	1.9	1.7	33.0	9.0	42.0	42.0	1,122.5	206,940.6	22 + 600,000
22 + 620,000	1,293.2	1.4	1.7	33.0	9.0	42.0	42.0	1,351.2	208,251.7	22 + 620,000
22 + 640,000	1,477.3	1.4	1.4	28.0	9.0	37.0	37.0	1,440.3	209,692.0	22 + 640,000
22 + 660,000	1,361.0	0.0	0.7	14.0	9.0	23.0	23.0	1,538.0	211,230.0	22 + 660,000
22 + 680,000	1,582.7	0.4	0.2	4.0	9.0	13.0	13.0	1,569.7	212,799.7	22 + 680,000
22 + 700,000	1,501.5	0.7	0.6	11.0	9.0	20.0	20.0	1,481.5	214,281.3	22 + 700,000
22 + 720,000	1,284.7	1.9	1.3	26.0	9.0	35.0	35.0	1,349.7	215,630.9	22 + 720,000
22 + 740,000	1,182.4	0.7	1.3	26.0	9.0	35.0	35.0	1,147.4	216,778.3	22 + 740,000
22 + 760,000	878.0	1.8	1.2	24.5	9.0	33.5	33.5	844.5	217,822.7	22 + 760,000
22 + 780,000	594.9	2.2	2.0	39.0	9.0	48.0	48.0	566.9	218,469.6	22 + 780,000
22 + 800,000	277.5	2.4	2.3	45.0	9.0	54.0	54.0	223.5	218,393.2	22 + 800,000
22 + 820,000	76.1	18.0	10.2	203.5	9.0	212.5	212.5	-136.4	218,256.7	22 + 820,000
22 + 840,000	60.9	39.5	28.8	576.0	9.0	585.0	585.0	524.1	217,732.7	22 + 840,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME	FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME		
		SECTION TOTAL (m ³)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	(m ³)					
22 + 860.000	61.3	68.7	54.1	1,032.5	24.4	1,105.9	61.8	-1,045.1	216,687.6 22 + 860.000		
22 + 880.000	68.4	89.0	78.8	1,576.5	-31.0	1,266.5	68.4	-1,198.1	215,489.5 22 + 880.000		
22 + 900.000	65.0	115.0	102.0	2,040.0	24.4	2,164.4	65.0	-1,999.4	213,580.1 22 + 900.000		
22 + 920.000	54.8	140.8	127.9	2,584.0	24.4	2,582.4	54.8	-2,527.6	210,062.5 22 + 920.000		
22 + 940.000	51.9	179.3	159.6	3,191.0	24.4	3,215.4	51.9	-3,163.6	207,799.0 22 + 940.000		
22 + 960.000	57.4	196.5	187.4	3,747.5	24.4	3,771.9	57.4	-3,744.5	204,084.5 22 + 960.000		
22 + 979.000	61.3	224.4	210.4	3,997.6	24.4	4,022.0	51.3	-3,970.7	200,113.7 22 + 979.000		
23 + 0.000	58.5	244.8	234.6	4,925.6	24.4	4,950.0	58.5	-4,891.5	195,222.3 23 + 0.000		
23 + 20.000	66.9	272.8	268.8	5,175.5	24.4	5,199.9	68.9	-5,131.1	190,991.2 23 + 20.000		
23 + 40.000	58.7	284.9	278.9	5,577.0	24.4	5,601.4	58.7	-5,562.8	184,548.5 23 + 40.000		
23 + 60.000	36.6	280.6	282.8	5,665.0	24.4	5,679.4	36.6	-5,642.9	178,905.6 23 + 60.000		
23 + 80.000	43.1	280.3	280.5	5,669.0	24.4	5,683.4	43.1	-5,590.3	173,315.3 23 + 80.000		
23 + 100.000	65.9	313.1	296.7	5,924.0	24.4	5,958.4	65.9	-5,894.5	167,220.8 23 + 100.000		
23 + 120.000	82.0	296.8	305.0	6,099.0	24.4	6,123.4	82.0	-6,041.4	161,370.4 23 + 120.000		
23 + 128.05	57.3	289.0	292.9	2,666.6	0.0	2,666.6	57.3	-2,609.4	158,770.1 23 + 128.05		
23 + 140.000	72.9	270.7	279.8	3,048.7	24.4	3,073.1	72.9	-3,000.2	155,769.9 23 + 140.000		
23 + 160.000	2,492.4	272.0	271.4	5,427.0	-783.3	4,678.7	2,492.4	-2,495.3	153,583.7 23 + 160.000		
23 + 180.000	2,565.3	238.1	255.1	5,101.0	1,562.7	6,663.7	565.3	-4,098.4	149,485.2 23 + 180.000		
23 + 200.000	2,623.6	209.2	223.7	4,472.4	1,562.7	6,036.1	2,624.8	-3,411.3	146,073.9 23 + 200.000		
23 + 220.000	2,644.3	196.4	202.6	4,056.8	1,562.7	5,619.5	2,646.3	-2,971.2	143,102.7 23 + 220.000		
23 + 240.000	2,689.5	176.6	184.5	3,750.2	1,562.7	5,292.9	2,689.5	-2,603.4	140,499.3 23 + 240.000		
23 + 260.000	2,639.2	149.0	162.8	3,255.9	1,562.7	4,818.6	2,639.2	-2,179.4	138,319.9 23 + 260.000		
23 + 280.000	2,559.4	147.7	145.4	2,957.1	1,562.7	4,529.8	2,559.4	-1,970.4	136,349.5 23 + 280.000		
23 + 300.000	2,325.7	159.2	152.4	3,058.8	1,562.7	4,631.5	2,325.7	-2,105.8	134,243.6 23 + 300.000		
23 + 320.000	2,492.6	165.0	162.1	3,242.0	1,562.7	4,804.7	2,492.6	-2,312.1	131,931.6 23 + 320.000		
23 + 340.000	2,670.4	180.4	172.7	3,493.9	1,562.7	5,016.6	2,470.4	-2,546.2	129,285.4 23 + 340.000		
23 + 360.000	2,446.1	172.1	176.2	3,524.9	1,562.7	5,087.6	2,446.1	-2,641.5	126,143.9 23 + 360.000		
23 + 380.000	2,222.7	158.9	165.5	3,310.6	1,562.7	4,873.3	2,422.7	-2,450.6	124,293.3 23 + 380.000		
23 + 400.000	2,392.6	131.9	145.4	2,907.9	1,562.7	4,470.6	2,392.6	-2,078.0	122,215.3 23 + 400.000		

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING		FILLING		ADDITIONAL FILLING	TOTAL	CROSS FILLING	DEDUCTION	ACCUMULATE VOLUME
	COMPACTED VOLUME	SECTION TOTAL	(m ³)	(m ²)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)
23 + 420.000	2,370.9	105.3	118.6	2,371.0	1,562.7	3,933.7	2,370.9	-1,562.8	120,652.5 23 + 420.000
23 + 440.000	2,370.9	707.1	88.0	1,759.0	1,562.7	3,321.7	2,370.9	-950.8	119,701.6 23 + 440.000
23 + 460.000	2,397.5	43.5	57.0	1,139.5	1,562.7	2,702.2	2,397.5	-304.7	119,397.0 23 + 460.000
23 + 480.000	134.0	14.8	29.0	580.9	9.0	589.9	134.0	-455.9	118,941.0 23 + 480.000
23 + 500.000	474.6	1.0	7.9	157.8	9.0	166.8	20.8		119,191.8 23 + 500.000
23 + 520.000	998.2	0.6	0.5	9.9	9.0	18.9	18.9		120,171.1 23 + 520.000
23 + 540.000	1,786.4	0.6	0.0	0.0	9.0	9.0	9.0		121,948.5 23 + 540.000
23 + 560.000	2,456.0	0.0	0.0	0.0	9.0	9.0	9.0		124,395.5 23 + 560.000
23 + 580.000	2,815.3	0.0	0.0	0.0	9.0	9.0	9.0		127,204.8 23 + 580.000
23 + 600.000	2,946.3	0.0	0.0	0.0	9.0	9.0	9.0		130,244.1 23 + 600.000
23 + 620.000	1,905.0	0.0	0.5	9.0	9.0	18.0	18.0		131,921.1 23 + 620.000
23 + 640.000	518.9	31.4	16.2	323.0	6.0	332.0	332.0	16.9	132,118.0 23 + 640.000
23 + 652.573	2.1	83.4	57.4	710.2	0.0	710.2	2.1	-708.1	131,409.9 23 + 652.573
23 + 660.000	1.3	117.6	100.5	766.5	24.4	790.9	1.3	-789.6	130,620.3 23 + 660.000
23 + 680.000	0.9	211.9	164.7	3,294.5	24.4	3,316.9	0.9	-3,318.1	127,302.2 23 + 680.000
23 + 700.000	0.9	233.8	22.8	4,456.5	24.4	4,480.9	0.9	-4,480.1	122,822.2 23 + 700.000
23 + 720.000	37.4	199.5	216.6	4,332.5	24.4	4,356.9	37.4	-4,319.5	118,502.7 23 + 720.000
23 + 740.000	72.7	179.4	189.4	3,788.0	24.4	3,812.4	72.7	-3,799.7	114,762.9 23 + 740.000
23 + 760.000	49.7	185.6	182.5	3,689.0	22,244.8	1,414.2	49.7	-1,364.5	113,398.5 23 + 760.000
23 + 780.000	49.7	221.6	203.6	4,071.5	24.4	4,095.9	49.7	-4,046.2	109,552.3 23 + 780.000
23 + 800.000	51.0	204.6	213.1	4,262.0	24.4	4,286.4	51.0	-4,255.4	105,116.9 23 + 800.000
23 + 820.000	23.4	169.3	186.9	3,738.5	24.4	3,762.9	23.4	-3,759.5	101,377.4 23 + 820.000
23 + 840.000	20.8	131.4	150.3	3,060.0	24.4	3,030.4	20.8	-3,039.6	98,367.8 23 + 840.000
23 + 860.000	23.0	87.8	109.6	2,191.0	24.4	2,215.4	23.0	-2,192.5	96,175.3 23 + 860.000
23 + 880.000	31.0	56.0	71.9	1,437.0	24.4	1,461.4	31.0	-1,450.4	94,745.0 23 + 880.000
23 + 900.000	20.4	23.9	39.9	798.2	9.0	807.2	20.4	-795.8	93,958.2 23 + 900.000
23 + 920.000	70.5	1.7	12.8	255.8	9.0	264.9	70.5	-104.4	93,763.8 23 + 920.000
23 + 940.000	255.0	0.0	0.9	172.2	9.0	262.2	223.8		93,992.6 23 + 940.000
23 + 960.000	512.0	0.0	0.0	9.0	9.0	9.0	9.0		94,495.7 23 + 960.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULAT E VOLUME (m ³)	STATION
		SECTION AVERAGE VOLUME (m ²)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)				
				ADDITIONAL FILLING (m ³)				
23 + 980.000	686.6	0.0	0.0	9.0	9.0	677.6	95.173.3	23 + 980.000
24 + 0.000	716.0	0.0	0.0	9.0	9.0	707.0	95.880.3	24 + 0.000
24 + 20.000	683.7	0.0	0.0	9.0	9.0	683.7	96.565.0	24 + 20.000
24 + 40.000	673.4	0.0	0.0	9.0	9.0	664.4	97.229.4	24 + 40.000
24 + 60.000	576.7	0.2	3.8	9.0	12.8	605.8	98.299.2	24 + 60.000
24 + 80.000	618.6	0.0	0.2	9.0	12.8	605.8	98.299.2	24 + 80.000
24 + 83.917	124.1	0.0	0.0	0.0	0.0	154.1	98.553.3	24 + 83.917
24 + 100.000	711.3	0.0	0.0	9.0	9.0	702.2	99.255.5	24 + 100.000
24 + 120.000	1,061.1	0.0	0.0	9.0	9.0	1,052.1	100.307.6	24 + 120.000
24 + 140.000	1,240.7	0.0	0.0	9.0	9.0	1,231.7	101.539.3	24 + 140.000
24 + 160.000	1,515.3	0.0	0.0	9.0	9.0	1,506.3	103.055.6	24 + 160.000
24 + 180.000	1,786.0	0.0	0.0	9.0	9.0	1,757.6	104.802.6	24 + 180.000
24 + 200.000	1,822.7	0.0	0.0	9.0	9.0	1,813.7	106.616.3	24 + 200.000
24 + 220.000	1,651.7	0.0	0.0	9.0	9.0	1,642.7	108.258.9	24 + 220.000
24 + 240.000	1,293.4	0.0	0.0	9.0	9.0	1,284.4	109.543.3	24 + 240.000
24 + 260.000	830.9	0.0	0.0	9.0	9.0	851.9	110.395.2	24 + 260.000
24 + 280.000	419.7	0.0	0.0	9.0	9.0	400.7	110.755.9	24 + 280.000
24 + 297.250	122.9	10.4	5.2	9.0	9.0	90.0	110.828.8	24 + 297.250
24 + 300.000	8.7	14.4	12.4	34.2	9.0	43.2	8.7	-34.5
24 + 320.000	43.8	35.6	25.0	50.1	9.0	50.1	43.8	-46.5
24 + 340.000	358.8	40.1	37.8	75.6	9.0	76.4	58.8	-70.6
24 + 360.000	57.9	61.2	50.6	1,012.9	9.0	1,021.9	57.9	-964.0
24 + 380.000	7.732	74.9	68.1	1,361.1	717.0	2,078.1	5,695.1	-114,253.5
24 + 400.000	57.9	79.3	77.1	1,582.1	9.0	1,551.1	57.9	-1,493.2
24 + 420.000	25.8	34.3	50.2	1,003.9	9.0	1,012.9	32.7	-980.2
24 + 440.000	30.5	80.4	81.7	1,633.1	9.0	1,642.1	30.5	-1,611.6
24 + 460.000	31.6	66.1	73.3	1,465.4	9.0	1,474.4	31.6	-1,442.8
24 + 480.000	32.7	53.8	61.1	1,622.0	9.0	1,631.0	29.8	-1,601.3
24 + 500.000	30.8	53	19.8	396.2	9.0	405.2	30.8	-374.4

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	AVERAGE VOLUME FILLING (m ³)	BILLING			CROSS FILLING (m ³)	DEDUCTION	ACCUMULATE VOLUME (m ³)	STATION
				ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	(m ³)				
24 + 520.000	358.4	0.0	27	53.4	5.0	62.4	62.4	298.0	107.146.1	24 + 520.000
24 + 540.000	942.0	0.0	0.0	0.0	0.0	0.0	0.0	93.0	108.079.1	24 + 540.000
24 + 560.000	1,501.3	0.0	0.0	0.0	0.0	0.0	0.0	1,692.3	109.571.3	24 + 560.000
24 + 580.000	2,114.2	0.0	0.0	0.0	0.0	0.0	0.0	2,055.2	111.676.6	24 + 580.000
24 + 600.000	2,645.6	0.0	0.0	0.0	0.0	0.0	0.0	2,636.6	114.313.1	24 + 600.000
24 + 620.000	3,019.7	0.0	0.0	0.0	0.0	0.0	0.0	3,010.7	117.323.8	24 + 620.000
24 + 640.000	3,251.9	0.0	0.0	0.0	0.0	0.0	0.0	3,242.9	120.566.7	24 + 640.000
24 + 660.000	3,493.7	0.0	0.0	0.0	0.0	0.0	0.0	3,299.7	123.986.4	24 + 660.000
24 + 680.000	3,487.7	0.0	0.0	0.0	0.0	0.0	0.0	3,378.7	127.475.1	24 + 680.000
24 + 700.000	3,269.0	0.0	0.0	0.0	0.0	0.0	0.0	3,200.0	139.675.2	24 + 700.000
24 + 720.000	2,462.4	0.0	0.0	0.0	0.0	0.0	0.0	2,933.4	133.968.5	24 + 720.000
24 + 740.000	1,268.3	0.0	0.0	0.0	0.0	0.0	0.0	1,279.3	134.347.9	24 + 740.000
24 + 760.000	427.2	9.3	4.7	9.0	9.0	102.0	102.0	325.2	134.673.1	24 + 760.000
24 + 780.000	56.5	47.6	25.0	49.0	9.0	508.0	56.5	451.5	134.221.6	24 + 780.000
24 + 800.000	10.3	69.3	54.9	1,093.5	9.0	1,107.5	10.3	1,097.2	133.124.4	24 + 800.000
24 + 820.000	7.6	59.6	64.4	1,288.0	9.0	1,297.0	7.6	-1,239.4	131.834.9	24 + 820.000
24 + 840.000	9.0	61.5	60.5	1,210.5	9.0	1,219.5	9.0	-1,210.5	130.624.5	24 + 840.000
24 + 860.000	24.9	56.7	59.1	1,181.8	9.0	1,198.8	24.9	-1,165.9	129.458.6	24 + 860.000
24 + 880.000	25.6	54.5	55.6	1,111.8	9.0	1,120.8	25.6	-1,095.2	128.363.3	24 + 880.000
24 + 900.000	4.3	76.6	65.6	1,311.4	9.0	1,320.4	4.3	-1,316.1	127.047.3	24 + 900.000
24 + 920.000	0.0	113.2	94.9	1,898.4	9.0	1,907.4	0.0	-1,907.4	125.139.9	24 + 920.000
24 + 940.000	0.0	162.3	151.8	2,755.0	9.0	2,764.0	0.0	-2,764.0	122.375.9	24 + 940.000
24 + 960.000	3.0	198.5	180.4	3,607.5	9.0	3,616.5	3.0	-3,613.5	118.752.4	24 + 960.000
24 + 980.000	51.4	206.1	202.3	4,045.0	-2,175.4	1,869.6	51.4	-1,818.2	116.944.2	24 + 980.000
25 + 0.000	48.5	186.2	196.1	3,922.5	9.0	3,931.5	48.5	-3,893.1	113.061.1	25 + 0.000
25 + 20.000	0.0	134.0	150.1	3,202.0	9.0	3,211.0	0.0	-3,211.0	109.850.1	25 + 20.000
25 + 34.729	18.8	97.3	115.6	1,783.0	0.0	1,703.0	16.8	-1,684.3	108.165.9	25 + 34.729
25 + 40.000	15.2	83.2	90.2	475.4	9.0	454.4	15.2	-469.2	107.696.7	25 + 40.000
25 + 60.000	7.0	39.0	71.1	1,421.0	9.0	1,430.0	71.0	-1,559.0	106.337.6	25 + 60.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING		FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME	STATION
	COMPACTED VOLUME (m ³)	TOTAL VOLUME (m ³)	SUCTION (m ²)	AVERAGE VOLUME (m ³)	FILLING VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)	(m ³)			
25 + 80,000	68,0	34,5	46,7	93,5	9,0	943,5	68,0	-875,5	105,462,1	25 + 80,000	
25 + 100,000	58,7	28,6	31,6	63,0	9,0	640,0	58,7	-531,4	104,810,8	25 + 100,000	
25 + 120,000	34,4	37,2	32,9	65,5	9,0	666,5	34,4	-632,1	104,248,7	25 + 120,000	
25 + 140,000	51,1	30,2	33,7	67,0	9,0	682,0	5,1	-676,9	103,571,8	25 + 140,000	
25 + 160,000	0,0	15,9	23,0	460,5	9,0	469,5	0,0	-469,5	103,102,3	25 + 160,000	
25 + 180,000	0,0	8,6	12,3	245,0	9,0	254,0	0,0	-254,0	102,848,3	25 + 180,000	
25 + 200,000	165,1	2,0	5,3	106,0	9,0	115,0	115,0	50,1	102,898,4	25 + 200,000	
25 + 220,000	455,5	0,9	1,5	29,0	9,0	38,0	38,0	417,5	103,315,9	25 + 220,000	
25 + 240,000	857,0	0,0	0,5	9,0	9,0	18,0	18,0	899,0	104,154,9	25 + 240,000	
25 + 248,062	509,4	0,0	0,0	0,0	0,0	0,0	0,0	509,4	104,654,3	25 + 248,062	
25 + 260,000	898,1	0,0	0,0	0,0	9,0	9,0	9,0	899,1	105,553,3	25 + 260,000	
25 + 280,000	1,708,5	0,0	0,0	0,0	9,0	9,0	9,0	1,699,5	107,252,8	25 + 280,000	
25 + 300,000	1,749,8	0,0	0,0	0,0	9,0	9,0	9,0	1,740,8	108,923,7	25 + 300,000	
25 + 320,000	1,573,4	0,0	0,0	0,0	9,0	9,0	9,0	1,564,4	110,558,0	25 + 320,000	
25 + 340,000	1,167,9	0,0	0,0	0,0	9,0	9,0	9,0	1,155,9	111,716,9	25 + 340,000	
25 + 360,000	564,4	2,3	1,2	22,3	5,0	32,3	32,3	512,1	112,229,0	25 + 360,000	
25 + 380,000	115,6	46,1	24,2	484,7	9,0	493,7	115,6	-378,1	111,850,9	25 + 380,000	
25 + 400,000	35,6	61,6	53,9	1,077,0	9,0	1,086,0	35,6	-1,050,4	110,380,5	25 + 400,000	
25 + 420,000	34,8	77,8	69,7	1,593,9	9,0	1,402,9	34,8	-1,368,1	109,312,4	25 + 420,000	
25 + 440,000	29,3	68,2	73,0	1,460,3	9,0	1,469,3	29,3	-1,440,0	107,992,4	25 + 440,000	
25 + 460,000	31,3	46,9	57,6	1,151,0	9,0	1,160,0	31,3	-1,125,7	106,863,7	25 + 460,000	
25 + 480,000	26,8	21,2	34,0	680,5	9,0	689,5	26,8	-662,7	106,201,0	25 + 480,000	
25 + 500,000	182,2	0,0	10,6	211,5	9,0	220,5	182,2	-183,3	106,162,6	25 + 500,000	
25 + 520,000	604,0	0,0	0,0	0,0	9,0	9,0	9,0	595,0	106,757,7	25 + 520,000	
25 + 540,000	1,029,3	0,0	0,0	0,0	9,0	9,0	9,0	1,029,3	107,777,9	25 + 540,000	
25 + 560,000	1,281,2	0,0	0,0	0,0	9,0	9,0	9,0	1,272,2	109,050,1	25 + 560,000	
25 + 580,000	1,348,0	0,0	0,0	0,0	9,0	9,0	9,0	1,379,0	110,429,2	25 + 580,000	
25 + 600,000	1,448,1	0,0	0,0	0,0	9,0	9,0	9,0	1,439,1	111,848,2	25 + 600,000	
25 + 620,000	1,449,2	0,0	0,0	0,0	9,0	9,0	9,0	1,440,2	113,308,5	25 + 620,000	

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			GROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATI- VE VOLUME (m ³)	STATION
		SECTION (m ²)	AVERAGE VOLUME (m ³)	ADDITIONAL FILLING (m ³)				
25 + 640.000	1,402.9	0.0	0.0	0.0	9.0	9.0	1,394.9	114,703.4
25 + 660.000	1,452.6	0.0	0.0	0.0	9.0	9.0	1,443.6	116,147.0
25 + 680.000	1,541.7	0.0	0.0	0.0	9.0	9.0	1,532.7	117,679.7
25 + 700.000	1,653.2	0.0	0.0	0.0	9.0	9.0	1,649.2	119,329.0
25 + 720.000	1,855.4	0.0	0.0	0.0	9.0	9.0	1,846.4	121,175.4
25 + 740.000	2,092.2	0.0	0.0	0.0	9.0	9.0	2,083.2	123,258.6
25 + 760.000	2,359.3	0.0	0.0	0.0	9.0	9.0	2,350.3	125,608.9
25 + 780.000	2,622.0	0.0	0.0	0.0	9.0	9.0	2,613.0	128,222.0
25 + 800.000	2,731.8	0.0	0.0	0.0	9.0	9.0	2,722.8	130,944.8
25 + 820.000	2,648.7	0.0	0.0	0.0	9.0	9.0	2,639.7	133,584.5
25 + 840.000	2,456.5	0.0	0.0	0.0	9.0	9.0	2,447.3	136,031.8
25 + 860.000	2,132.8	0.0	0.0	0.0	9.0	9.0	2,121.8	138,153.6
25 + 880.000	1,840.1	0.0	0.0	0.0	9.0	9.0	1,831.1	139,984.7
25 + 900.000	1,779.2	0.0	0.0	0.0	9.0	9.0	1,770.2	141,755.0
25 + 920.000	1,572.0	0.0	0.0	0.0	9.0	9.0	1,563.0	143,317.9
25 + 940.000	1,119.8	0.0	0.0	0.0	9.0	9.0	1,110.8	144,428.7
25 + 960.000	699.2	0.0	0.0	0.0	9.0	9.0	690.2	145,119.0
25 + 977.161	377.2	0.0	0.0	0.0	0.0	0.0	377.2	145,496.2
25 + 980.000	52.2	0.0	0.0	0.0	9.0	9.0	43.2	145,539.4
25 + 0.000	272.7	0.0	0.0	0.0	9.0	9.0	263.7	145,803.1
26 + 20.000	319.5	0.0	0.0	0.0	9.0	9.0	310.5	146,113.6
26 + 40.000	894.6	0.0	0.0	0.0	9.0	9.0	875.6	146,989.2
26 + 60.000	2,272.2	0.0	0.0	0.0	9.0	9.0	2,263.2	149,252.4
26 + 80.000	3,914.1	0.0	0.0	0.0	9.0	9.0	3,905.1	174,301.9
26 + 100.000	5,354.8	0.0	0.0	0.0	9.0	9.0	5,345.8	159,003.3
26 + 120.000	7,521.9	0.0	0.0	0.0	9.0	9.0	7,512.9	166,516.2
26 + 140.000	7,794.7	0.0	0.0	0.0	9.0	9.0	7,785.7	174,301.9
26 + 160.000	6,865.8	0.0	0.0	0.0	9.0	9.0	6,852.8	181,154.7
26 + 180.000	4,914.1	0.0	0.0	0.0	9.0	9.0	4,905.1	188,059.7

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL	FILLING			CROSS FILLING			DEDUCTION	ACCUMULATE VOLUME	STATION
		SECTION	AVERAGE (m ²)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)	FILLING (m ³)			
26 + 200,000	2,546.9	0.0	0.0	0.0	50.0	9.0	9.0	2,537.9	188,597.7	26 + 200,000
26 + 220,000	682.9	83.1	41.6	831.3	295.5	535.8	535.8	147.1	188,744.8	26 + 220,000
26 + 240,000	52.0	306.5	194.8	3,895.8	244.0	3,920.2	3,920.2	3,869.2	184,876.6	26 + 240,000
26 + 260,000	76.5	680.0	493.2	9,864.3	244.0	9,888.7	9,888.7	9,812.2	175,084.4	26 + 260,000
26 + 280,000	56.1	1,127.4	903.7	18,073.6	244.0	18,098.0	18,098.0	18,041.9	157,072.5	26 + 280,000
26 + 300,000	37.4	1,645.9	1,286.6	27,732.4	244.0	27,756.8	27,756.8	27,719.4	129,303.1	26 + 300,000
26 + 320,000	68.9	2,065.2	1,855.5	37,110.5	244.0	37,134.9	37,134.9	68.9	37,066.1	26 + 320,000
26 + 340,000	101.2	2,912.9	2,039.1	40,781.1	244.0	40,805.5	40,805.5	101.2	34,184.5	26 + 340,000
26 + 360,000	83.3	1,854.0	1,929.0	36,579.6	244.0	36,604.0	36,604.0	83.3	36,526.7	26 + 360,000
26 + 380,000	72.3	1,618.3	1,731.7	34,633.0	244.0	34,657.4	34,657.4	72.3	34,583.2	26 + 380,000
26 + 400,000	71.4	1,256.6	1,437.4	28,745.4	244.0	28,772.3	28,772.3	71.4	28,701.4	26 + 400,000
26 + 420,000	62.1	867.8	1,062.2	21,249.9	244.0	21,268.3	21,268.3	62.1	21,206.3	26 + 420,000
26 + 440,000	53.6	545.9	706.9	14,131.4	244.0	14,161.8	14,161.8	53.6	14,108.3	26 + 440,000
26 + 460,000	70.8	316.2	431.1	8,621.2	4,022.4	4,598.8	4,598.8	70.8	4,528.0	26 + 460,000
26 + 480,000	57.3	176.6	246.5	4,929.9	244.0	4,954.3	4,954.3	57.3	4,897.0	26 + 480,000
26 + 500,000	61.3	86.8	131.8	2,635.4	22.1	2,657.9	2,657.9	61.3	2,586.6	26 + 500,000
26 + 520,000	90.3	33.2	60.0	1,199.6	9.0	1,208.6	1,208.6	90.3	-1,118.3	26 + 520,000
26 + 540,000	65.7	37.7	18.2	3,683.6	9.0	3,707.6	3,707.6	65.7	3,119.5	26 + 540,000
26 + 560,000	206.4	0.0	1.8	36.8	9.0	45.8	45.8	160.6	92,569.4	26 + 560,000
26 + 580,000	499.3	0.0	0.0	0.0	9.0	9.0	9.0	480.3	-92,080.1	26 + 580,000
26 + 600,000	3,800.4	0.0	0.0	0.0	36.1	36.1	36.1	3,764.3	-38,315.8	26 + 600,000
26 + 620,000	1,457.5	0.0	0.0	0.0	36.1	36.1	36.1	1,421.4	-86,494.4	26 + 620,000
26 + 640,000	1,983.1	0.0	0.0	0.0	36.1	36.1	36.1	1,857.0	-85,027.4	26 + 640,000
26 + 660,000	2,281.1	0.0	0.0	0.0	36.1	36.1	36.1	2,245.0	-82,782.3	26 + 660,000
26 + 680,000	2,341.5	0.0	0.0	0.0	36.1	36.1	36.1	2,305.4	-80,476.9	26 + 680,000
26 + 700,000	2,539.4	0.0	0.0	0.0	36.1	36.1	36.1	2,503.3	-77,973.7	26 + 700,000
26 + 720,000	2,655.6	0.0	0.0	0.0	36.1	36.1	36.1	2,619.5	-75,354.2	26 + 720,000
26 + 740,000	2,524.7	0.5	0.3	5.0	36.1	41.1	41.1	2,403.6	-72,870.6	26 + 740,000
26 + 760,000	2,412.9	0.2	0.4	7.0	36.1	43.1	43.1	2,369.8	-70,500.8	26 + 760,000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	SECTION (m ²)	MILLING			TOTAL FILLING (m ³)	CROSS FILLING (m ³)	DEDUCTION ACCUMULATE VOLUME (m ³)	STATION
			AVERAGE VOLUME (m ³)	VOLUME (m ³)	ADDITIONAL FILLING (m ³)				
26 + 780.000	2,221.6	1.9	1.0	20.5	36.1	56.6	2,165.0	-65,355.8	26 + 780.000
26 + 800.000	2,016.4	2.8	2.3	46.0	36.1	82.1	1,934.3	-66,401.5	26 + 800.000
26 + 820.000	1,837.0	3.3	3.0	60.5	36.1	96.6	1,740.4	-64,661.1	26 + 820.000
26 + 840.000	1,664.9	1.2	2.3	45.0	36.1	81.1	1,583.8	-63,077.3	26 + 840.000
26 + 860.000	1,611.8	1.8	1.5	29.5	36.1	65.6	1,546.2	-61,521.1	26 + 860.000
26 + 880.000	1,222.7	2.4	2.1	41.5	36.1	77.6	1,155.1	-60,376.1	26 + 880.000
26 + 900.000	1,026.5	0.0	1.2	24.0	36.1	60.1	966.4	-59,409.6	26 + 900.000
26 + 920.000	1,308.3	0.6	0.3	6.0	36.1	42.1	22.1	-58,143.4	26 + 920.000
26 + 940.000	1,411.6	0.0	0.3	6.0	36.1	42.1	42.1	-56,773.9	26 + 940.000
26 + 945.157	302.9	0.0	0.0	0.0	0.0	0.0	0.0	-36,471.0	26 + 945.157
26 + 960.000	1,180.1	0.0	0.0	0.0	36.1	36.1	1,140.0	-55,327.0	26 + 960.000
26 + 980.000	2,275.2	0.0	0.0	0.0	36.1	36.1	2,230.1	-53,087.9	26 + 980.000
27 + 0.000	3,044.4	0.0	0.0	0.0	36.1	36.1	3,008.3	-50,079.5	27 + 0.000
27 + 20.000	2,604.1	0.0	0.0	0.0	6,956.1	6,956.1	4,362.0	-54,441.5	27 + 20.000
27 + 40.000	1,720.1	0.0	0.0	0.0	36.1	36.1	1,684.0	-52,727.4	27 + 40.000
27 + 60.000	1,346.6	0.0	0.0	0.0	36.1	36.1	1,310.5	-51,447.0	27 + 60.000
27 + 80.000	1,466.8	0.0	0.0	0.0	36.1	36.1	1,430.7	-50,016.2	27 + 80.000
27 + 100.000	1,622.0	0.0	0.0	0.0	36.1	36.1	1,585.9	-48,480.3	27 + 100.000
27 + 120.000	1,461.5	0.0	0.0	0.0	36.1	36.1	1,455.4	-46,974.9	27 + 120.000
27 + 140.000	1,146.8	0.0	0.0	0.0	36.1	36.1	1,119.7	-45,864.2	27 + 140.000
27 + 160.000	932.6	0.0	0.0	0.0	36.1	36.1	896.5	-44,967.7	27 + 160.000
27 + 180.000	1,048.2	0.0	0.0	0.0	36.1	36.1	1,012.1	-43,955.6	27 + 180.000
27 + 200.000	1,659.7	0.0	0.0	0.0	36.1	36.1	1,039.6	-42,952.0	27 + 200.000
27 + 220.000	837.4	0.0	0.0	0.0	36.1	36.1	801.3	-42,150.6	27 + 220.000
27 + 240.000	731.6	0.0	0.0	0.0	36.1	36.1	715.5	-41,455.2	27 + 240.000
27 + 260.000	6,712.6	0.0	0.0	0.0	36.1	36.1	6,676.5	-34,758.7	27 + 260.000
27 + 280.000	776.4	0.0	0.0	0.0	36.1	36.1	740.3	-34,018.4	27 + 280.000
27 + 300.000	1,680.9	0.0	0.0	0.0	123.7	123.7	957.2	-33,061.2	27 + 300.000
27 + 320.000	1,179.0	0.5	0.2	4.5	123.7	128.2	1,056.8	-32,010.4	27 + 320.000

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	CUTTING			FILLING			CROSS FILLING			DREDGEMENT			ACCUMULATE VOLUME (m ³)	STATION
		SECTION	AVERAGE VOLUME (m ²)	VOLUME FILLING (m ³)	ADDITIONAL VOLUME (m ³)	TOTAL FILLING (m ³)	CROSS FILLING (m ³)	DREDGEMENT (m ³)							
								TOTAL (m ³)	(m ²)	(m ³)					
27 + 340.000	1.130.6	0.7	0.6	1.5	123.7	135.2	135.2	995.4	-31.015.0	27 +	340.000				
27 + 360.000	1.071.5	2.5	1.6	32.0	123.7	155.7	155.7	915.8	-30.099.2	27 +	360.000				
27 + 380.000	1.026.9	3.6	3.1	61.0	123.7	184.7	184.7	842.2	-29.257.0	27 +	380.000				
27 + 400.000	1.032.0	3.9	3.8	75.0	123.7	198.7	198.7	833.3	-28.423.7	27 +	400.000				
27 + 420.000	1.115.7	2.2	3.1	61.0	123.7	184.7	184.7	931.0	-27.492.7	27 +	420.000				
27 + 440.000	1.199.9	2.2	2.2	44.0	123.7	167.7	167.7	1032.2	-26.460.5	27 +	440.000				
27 + 460.000	1.228.3	2.2	2.2	44.0	123.7	167.7	167.7	1060.6	-25.399.9	27 +	460.000				
27 + 480.000	1.224.9	1.9	2.1	41.0	123.7	164.7	164.7	1060.2	-24.339.7	27 +	480.000				
27 + 500.000	1.241.9	1.6	1.8	35.0	123.7	158.7	158.7	1083.2	-23.256.4	27 +	500.000				
27 + 520.000	1.265.7	0.7	1.1	22.5	123.7	146.2	146.2	1119.5	-22.136.9	27 +	520.000				
27 + 540.000	1.250.0	0.5	0.6	11.0	123.7	134.7	134.7	1115.3	-21.021.8	27 +	540.000				
27 + 560.000	1.161.2	1.1	0.8	15.5	123.7	139.2	139.2	1022.0	-19.999.6	27 +	560.000				
27 + 580.000	1.062.2	5.7	3.4	68.0	123.7	191.7	191.7	870.5	-19.129.1	27 +	580.000				
27 + 600.000	1.061.7	2.3	4.0	80.0	123.7	203.7	203.7	858.0	-18.271.1	27 +	600.000				
27 + 620.000	1.071.6	14.0	8.1	162.5	123.7	286.2	286.2	821.4	-17.449.7	27 +	620.000				
27 + 640.000	1.095.7	25.9	19.9	398.5	123.7	522.2	522.2	573.5	-16.876.1	27 +	640.000				
27 + 660.000	1.087.6	35.5	30.7	613.5	123.7	737.2	737.2	345.6	-16.520.8	27 +	660.000				
27 + 680.000	268.7	23.9	29.7	290.6	9.0	299.6	299.6	269.7	-29.9	-16.569.7	27 +	680.000			
27 + 680.000	850.7	25.7	24.8	252.5	123.7	376.2	376.2	474.6	-16.096.1	27 +	680.000				
27 + 700.000	1.161.3	34.3	30.0	599.5	123.7	723.2	723.2	386.1	-15.699.9	27 +	700.000				
27 + 720.000	986.1	26.6	30.5	669.0	123.7	732.7	732.7	253.4	-15.446.6	27 +	720.000				
27 + 740.000	774.0	21.9	24.3	485.0	123.7	608.7	608.7	165.3	-15.281.3	27 +	740.000				
27 + 760.000	690.3	18.3	20.1	401.5	123.7	525.2	525.2	165.1	-15.116.2	27 +	760.000				
27 + 780.000	722.2	8.1	13.2	263.0	123.7	386.7	386.7	335.5	-13.168.4	27 +	780.000				
27 + 800.000	767.2	1.6	4.8	96.0	123.7	219.7	219.7	547.5	-14.233.2	27 +	800.000				
27 + 820.000	936.0	0.0	0.8	15.5	123.7	139.2	139.2	793.8	-13.442.6	27 +	820.000				
27 + 829.800	274.1	0.0	0.0	0.0	0.0	0.0	0.0	274.1	-12.353.3	27 +	829.800				
27 + 840.000	935.7	0.0	0.0	0.0	123.7	123.7	123.7	815.0	-12.353.3	27 +	840.000				
27 + 860.000	1.644.0	0.0	0.0	0.0	123.7	123.7	123.7	1.220.3	-10.833.0	27 +	860.000				

COMPUTATION OF ACCUMULATE VOLUME(2)

STATION	CUTTING COMPACTED VOLUME TOTAL (m ³)	FILLING			CROSS FILLING (m ³)	DEDUCTION (m ³)	ACCUMULATE VOLUME (m ³)	STATION
		SUCTION (m ²)	AVERAGE (m ²)	VOLUME FILLING (m ³)	ADDITIONAL FILLING (m ³)	TOTAL FILLING (m ³)		
27 + 880.000	2,032.9	0.0	0.0	0.0	123.7	123.7	1,969.2	8,923.9
27 + 910.000	2,253.4	0.0	0.0	0.0	123.7	123.7	2,129.7	6,794.1
27 + 920.000	2,800.2	0.0	0.0	0.0	948.4	948.4	1,851.8	4,942.3
27 + 940.000	2,641.9	0.0	0.0	0.0	123.7	123.7	2,518.2	2,424.1
27 + 960.000	2,627.9	0.0	0.0	0.0	123.7	123.7	2,504.2	80.0
27 + 980.000	2,433.6	0.0	0.0	0.0	123.7	123.7	2,309.9	2,390.0
28 + 0.000	2,048.2	0.0	0.0	0.0	123.7	123.7	1,924.5	4,314.4
28 + 20.000	1,521.2	0.0	0.0	0.0	123.7	123.7	1,397.5	5,711.9
28 + 40.000	1,063.4	0.0	0.0	0.0	123.7	123.7	939.7	6,651.6
28 + 60.000	768.5	3.9	5.0	99.0	123.7	222.7	545.3	7,197.4
28 + 80.000	385.4	38.1	24.0	479.7	36.1	515.8	-180.4	7,047.0
28 + 100.000	414.1	3.9	21.0	419.7	36.1	455.8	404.1	51.7
28 + 120.000	392.9	60.9	32.4	647.5	36.1	683.6	392.9	290.7
28 + 120.000	262.0	62.7	61.8	0.0	36.1	36.1	225.9	6,950.4
28 + 140.000	375.3	92.6	77.6	1,552.2	36.1	1,588.3	375.3	-1,213.0
28 + 160.000	385.8	81.1	86.4	1,736.1	36.1	1,772.2	385.8	-1,396.4
28 + 180.000	395.8	89.6	85.3	1,706.8	36.1	1,742.9	395.8	-1,347.1
28 + 200.000	400.8	89.1	89.4	1,787.5	36.7	1,824.2	400.8	-1,423.4
28 + 220.000	121.0	91.1	90.1	1,801.8	9.0	1,810.8	121.0	-1,689.8
28 + 240.000	1,156.8	68.3	69.7	1,793.5	840.6	2,654.1	1,156.8	-1,477.3
28 + 244.004	24.2	8.3	83.3	358.8	0.0	358.8	24.2	-334.6
28 + 244.004	0.0	24.2	56.2	0.0	0.0	0.0	0.0	0.0
28 + 260.000	1,118.5	16.4	18.4	1,925.9	840.6	1,226.3	1,118.5	-107.8
28 + 280.000	1,118.8	19.5	21.8	436.5	840.6	1,277.1	1,118.8	-158.3
28 + 333.000	122.1	10.8	10.8	140.4	9.0	149.4	12.2	-157.2
28 + 333.000	0.0	7.2	9.0	0.0	9.0	0.0	0.0	-9.0
								-2,211.0

COMPUTATION OF ACCUMULATE VOLUME (2)

STATION	CUTTING		FILLING			TOTAL	CROSS FILLING	DEDUCTION	ACCUMULATE VOLUME
	COMPACTED VOLUME: TOTAL (m ³)	SECTION (m ²)	AVERAGE: VOLUME (m ²)	ADDITIONAL FILLING (m ³)	TOTAL (m ³)				
28 + 346.000	1,044.0	7.2	7.2	50.1	837.3	837.4	887.4	156.6	-2,054.3
28 + 360.000	1,052.5	5.8	6.5	129.3	931.6	931.6	940.9	91.6	-1,962.8
28 + 380.000	1,066.9	0.2	3.0	59.8	831.6	831.6	891.4	195.5	-1,767.3
28 + 400.000	1,059.7	1.1	0.7	13.0	831.6	831.6	844.6	515.1	-1,252.1
28 + 416.085	5,732.6	0.0	0.6	8.8	4,521.6	4,521.6	4,530.4	1,252.1	0.0
TOTAL	1,589,832.5			1,402,492.0	1,87,390.6	1,589,832.6	1,67,374.7	0.0	

SCHEDULE OF ADDITIONAL VOLUMES

STATION	CUTTING						FILLING						STATION	
	SOIL C=0.85		WEATHERED ROCK C=1.0		ROCK C=1.2		SLIP & APPROACH		APPROACH		DEDUCTION			
	SLIP & APPROACH	SIDE BORROW	TOTAL POND	TOTAL SLIP & APPROACH	TOTAL	SLIP & APPROACH	TOTAL APPROACH	CENTRAL RESERVE:	STRUCTURE	AROUND POND	FILL SHOULDER	RAILWAY GUARDRAIL		
(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)		
0 + 00000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 00000	
0 + 20000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 20000	
0 + 40000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 40000	
0 + 60000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 60000	
0 + 80000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 80000	
0 + 100000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 100000	
0 + 120000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 120000	
0 + 140000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 140000	
0 + 160000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 160000	
0 + 180000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 180000	
0 + 200000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 200000	
0 + 201.588	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 201.588	
0 + 201.588	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 201.588	
0 + 220000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 220000	
0 + 224.687	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 224.687	
0 + 224.687	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 224.687	
0 + 240000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 240000	
0 + 260000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 260000	
0 + 280000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 280000	
0 + 300000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 300000	
0 + 307.565	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 307.565	
0 + 307.565	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 307.565	
0 + 318.500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 318.500	
0 + 320000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 320000	
0 + 340000	123.70	123.70	291.40	291.40	291.40	0.00	0.00	0.00	230.30	0.00	230.30	0.00	0 + 340000	
0 + 360000	123.60	123.60	291.60	291.60	291.60	0.00	0.00	0.00	230.50	0.00	230.50	0.00	0 + 360000	
0 + 363.800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 363.800	
0 + 380000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 380000	
0 + 400000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 + 400000	

SCHEDULE OF ADDITIONAL VOLUMES

SCHEDULE OF ADDITIONAL VOLUMES

STATION	CUTTING			FILLING			STATION					
	SOIL C=0.85	WEATHERED ROCK C=0	ROCK C=1.2	SLIP & APPROACH	TOTAL	SLIP & APPROACH	SLIP & APPROACH	STRUCTURE	AROUND	SHOULDER	RAILWAY	
SLIP & APPROACH	SIDE BORROW	POND	TOTAL, APPROACH	(m ³)	(m ³)	(m ³)	APPROACH	VOLUMES	(m ³)	(m ³)	(m ³)	
(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	(m ³)	
0 + 480,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 304,600
0 + 520,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 825,000
0 + 560,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 340,000
0 + 600,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 350,000
0 + 640,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 382,000
0 + 680,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 906,000
0 + 720,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 920,000
0 + 760,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 940,000
0 + 800,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 940,000
0 + 844,627			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 944,627
0 + 960,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 960,000
0 + 980,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	0 + 980,000
1 + 0,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 0,000
1 + 20,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 20,000
1 + 40,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 40,000
1 + 60,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 60,000
1 + 73,199			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 73,199
1 + 80,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 80,000
1 + 100,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 100,000
1 + 120,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 120,000
1 + 140,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 140,000
1 + 160,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 160,000
1 + 180,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 180,000
1 + 200,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 200,000
1 + 220,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 220,000
1 + 240,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 240,000
1 + 260,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 260,000
1 + 280,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 280,000
1 + 300,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 300,000
1 + 320,000			0.00	0.00	0.00	0.00	0.00	9.00			9.00	1 + 320,000