

**BALLAST PAY FACTOR CALCULATOR**

<b>Rev. 2</b>	<b>Project:</b>	Smapple										
	<b>Pay Item:</b>	Type 3 - Mainline Ballast										
Fill Shaded Cells	<b>Upper Spec. Limit</b>	100	100	70	35	10	3	0.3				
	<b>Target Value</b>	<b>100</b>	<b>95</b>	<b>52.5</b>	<b>22.5</b>	<b>5</b>	<b>1.5</b>	<b>0.15</b>				
	<b>Lower Spec. Limit</b>	99	90	35	10	0	0	0				
<b>No.</b>	<b>Sample No.</b>	<b>Date Sampled</b>	<b>Lot:</b>	<b>2</b>						<b>Remarks:</b>	<b>6/10/19 - 6/17/19 R&amp;M Results</b>	
			<b>Sieve Openings</b>									
			2.5"	2"	1.5"	1"	0.75"	0.375"	No. 200			

1	Example 1-1		100	98	52	13	2	1	0.6
2	Example 1-2		100	96	42	9	1	1	0.4
3	Example 1-3		100	97	49	12	1	1	0.5
4	Example 1-4		100	100	47	9	1	1	0.4
5	Example 1-5		100	100	41	5	1	1	0.4

Amount Represented	Sample No.	Date Sampled	% off	% off	% off	% off	% off	% off	% off
1003.642	Example 1-1		0	0	0	0	0	0	0.3
1003.642	Example 1-2		0	0	0	1	0	0	0.1
1003.642	Example 1-3		0	0	0	0	0	0	0.2
1003.642	Example 1-4		0	0	0	1	0	0	0.1
1003.642	Example 1-5		0	0	0	5	0	0	0.1

Weight Factor	1	4	4	4	7	7	70
Total % Off:	0	0	0	7	0	0	0.8

2.5"	2"	1.5"	1"	0.75"	0.375"	No. 200	Pay Factor	Composit Pay Factor	Unit Price
0	0	0	0	0	0	21	21	0.79	792.87718
0	0	0	4	0	0	7	11	0.89	893.24138
0	0	0	0	0	0	14	14	0.86	863.13212
0	0	0	4	0	0	7	11	0.89	893.24138
0	0	0	20	0	0	7	27	0.73	732.65866
							0	1	0
							0	1	0
							0	1	0
							0	1	0
							0	1	0

Tonage 5018.21 (ACTUAL QUANTITY BASED ON REQUIRED QC DATA & SCALE TICKETS)  
 Unit Price \$1.00  
 Full Price \$5,018.21  
 Adjusted Price **\$4,175.15** Adjusted price focusing on 1000 TN increments  
 Reduction \$843.06 ARRC reserves the right to reject any and or all material falling out of compliance  
 % Reduction 16.80%