

APPENDIX K

ANALYSIS OF EQUATING ITEMS

**Table K-1. 2015 MCAS: Delta Analysis Results –
ELA Grade 3**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
257014	0.83000	0.84000	9.18334	9.02217	False	-0.09750
257015	0.80000	0.82000	9.63352	9.33854	False	0.66273
257016	0.83000	0.85000	9.18334	8.85427	False	0.97774
257021	0.71000	0.72000	10.78646	10.66863	False	-0.71926
257022	0.79000	0.79000	9.77432	9.77432	False	-1.25652
257025	0.75000	0.76000	10.30204	10.17479	False	-0.55491
257028	0.77000	0.79000	10.04461	9.77432	False	0.41643
257033	0.74000	0.75000	10.42662	10.30204	False	-0.59878
257034	0.75000	0.76000	10.30204	10.17479	False	-0.55491
257036	0.87000	0.89000	8.49444	8.09389	False	1.58337
257044	0.44750	0.44750	13.52792	13.52792	False	-0.85199
257106	0.62000	0.60000	11.77808	11.98661	False	0.10776
257109	0.68000	0.71000	11.12920	10.78646	False	0.64751
257111	0.69000	0.68000	11.01660	11.12920	False	-0.67005
257114	0.61000	0.62000	11.88272	11.77808	False	-1.03904
257118	0.78000	0.77000	9.91123	10.04461	False	-0.77430
257119	0.80000	0.79000	9.63352	9.77432	False	-0.78645
257120	0.61000	0.63000	11.88272	11.67259	False	-0.36348
257123	0.62000	0.64000	11.77808	11.56616	False	-0.32965
257124	0.67000	0.68000	11.24035	11.12920	False	-0.85952
257127	0.74000	0.71000	10.42662	10.78646	False	0.78658
257128	0.35500	0.36000	14.48742	14.43384	False	-0.98917
279681	0.86000	0.82000	8.67872	9.33854	False	2.33233
279685	0.80000	0.77000	9.63352	10.04461	False	0.94453
279690	0.82000	0.80000	9.33854	9.63352	False	0.13756
279757	0.85000	0.80000	8.85427	9.63352	True	3.13486
284133	0.77000	0.78000	10.04461	9.91123	False	-0.46035
284135	0.85000	0.84000	8.85427	9.02217	False	-0.78019
284136	0.54000	0.57000	12.59827	12.29450	False	0.08246
284143	0.65000	0.64000	11.45872	11.56616	False	-0.60817
284144	0.62000	0.59000	11.77808	12.08982	False	0.76871
286604A	0.49000	0.52500	13.10028	12.74917	False	0.27785
286605B	0.62500	0.61500	11.72544	11.83050	False	-0.56620

**Table K-2. 2015 MCAS: Delta Analysis Results –
ELA Grade 4**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
255565	0.72000	0.76000	10.66863	10.17479	False	2.23256
255567	0.67000	0.68000	11.24035	11.12920	False	-0.06994
255583	0.68000	0.71000	11.12920	10.78646	False	1.29494
255585	0.66000	0.68000	11.35015	11.12920	False	0.55739
255586	0.86000	0.86000	8.67872	8.67872	False	-0.40719
255592	0.57000	0.55000	12.29450	12.49735	False	-0.83356

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
255596	0.79000	0.80000	9.77432	9.63352	False	0.28124
255608	0.90000	0.89000	7.87379	8.09389	False	-1.27011
255612	0.70000	0.69000	10.90240	11.01660	False	-1.34374
255619	0.84000	0.81000	9.02217	9.48841	False	0.30571
255620	0.45000	0.41250	13.50265	13.88447	False	0.35756
268943	0.69000	0.69000	11.01660	11.01660	False	-0.69126
268948	0.88000	0.84000	8.30005	9.02217	False	1.71095
268949	0.83000	0.83000	9.18334	9.18334	False	-0.46851
268951	0.73000	0.67000	10.54875	11.24035	False	1.80612
268952	0.79000	0.78000	9.77432	9.91123	False	-1.33919
286433	0.81000	0.81000	9.48841	9.48841	False	-0.50558
286437	0.87000	0.85000	8.49444	8.85427	False	-0.37934
286438	0.85000	0.86000	8.85427	8.67872	False	0.59576
286440	0.86000	0.87000	8.67872	8.49444	False	0.66811
286442	0.79000	0.77000	9.77432	10.04461	False	-0.74624
286444	0.84000	0.80000	9.02217	9.63352	False	1.15236
286448	0.91000	0.90000	7.63698	7.87379	False	-1.20132
286452	0.59000	0.60000	12.08982	11.98661	False	-0.21946
286453	0.81000	0.76000	9.48841	10.17479	False	1.64680
286456	0.68000	0.64000	11.12920	11.56616	False	0.39085
286457	0.50500	0.49750	12.94987	13.02507	False	-1.36496
286461	0.67000	0.69000	11.24035	11.01660	False	0.58710
286463	0.80000	0.80000	9.63352	9.63352	False	-0.52321
286464	0.81000	0.79000	9.48841	9.77432	False	-0.68994
286465	0.71000	0.69000	10.78646	11.01660	False	-0.85759
286469	0.81000	0.78000	9.48841	9.91123	False	0.10893
286474	0.52000	0.50000	12.79939	13.00000	False	-0.78526

**Table K-3. 2015 MCAS: Delta Analysis Results –
ELA Grade 5**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
266012	0.83000	0.86000	9.18334	8.67872	False	0.62391
266014	0.71000	0.75000	10.78646	10.30204	False	0.23072
266018	0.66000	0.67000	11.35015	11.24035	False	-0.57513
266022	0.84000	0.83000	9.02217	9.18334	False	0.79315
266023	0.91000	0.92000	7.63698	7.37971	False	-0.71995
286797	0.70000	0.73000	10.90240	10.54875	False	-0.63277
286799	0.84000	0.86000	9.02217	8.67872	False	-0.39047
286801	0.83000	0.86000	9.18334	8.67872	False	0.62391
286804	0.60000	0.62000	11.98661	11.77808	False	-1.10841
286806	0.87000	0.89000	8.49444	8.09389	False	0.06478
286810	0.48750	0.52000	13.12535	12.79939	False	-1.17592
291513	0.76000	0.74000	10.17479	10.42662	False	1.56753
291514	0.78000	0.80000	9.91123	9.63352	False	-0.96070
291573	0.50000	0.50000	13.00000	13.00000	False	0.40437
291574	0.77000	0.80000	10.04461	9.63352	False	-0.12119

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
291576	0.71000	0.73000	10.78646	10.54875	False	-1.36246
291577	0.82000	0.81000	9.33854	9.48841	False	0.77206
291579	0.87000	0.88000	8.49444	8.30005	False	-1.26659
291580	0.73000	0.72000	10.54875	10.66863	False	0.77677
291582	0.63000	0.66000	11.67259	11.35015	False	-0.96057
291593	0.70000	0.70000	10.90240	10.90240	False	0.06054
291595	0.52500	0.55500	12.74917	12.44678	False	-1.26651
296543	0.70000	0.69000	10.90240	11.01660	False	0.79802
296546	0.71000	0.74000	10.78646	10.42662	False	-0.57378
296547	0.80000	0.82000	9.63352	9.33854	False	-0.80369
296550	0.90000	0.88000	7.87379	8.30005	False	2.31680
296552	0.74000	0.78000	10.42662	9.91123	False	0.48970
296554	0.81000	0.83000	9.48841	9.18334	False	-0.71468
296555	0.84000	0.86000	9.02217	8.67872	False	-0.39047
296559	0.63000	0.62000	11.67259	11.77808	False	0.86802
296562	0.71000	0.75000	10.78646	10.30204	False	0.23072
296580	0.84000	0.84000	9.02217	9.02217	False	-0.24765
296598	0.44250	0.53500	13.57854	12.64862	False	2.64996

**Table K-4. 2015 MCAS: Delta Analysis Results –
ELA Grade 6**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
257352	0.75000	0.73000	10.30204	10.54875	False	2.51565
257357	0.72000	0.74000	10.66863	10.42662	False	-1.03275
257359	0.76000	0.77000	10.17479	10.04461	False	-0.28935
257363	0.76000	0.77000	10.17479	10.04461	False	-0.28935
257375	0.89000	0.91000	8.09389	7.63698	False	-1.23678
257665	0.83000	0.87000	9.18334	8.49444	False	1.28815
257668	0.74000	0.75000	10.42662	10.30204	False	-0.43593
257669	0.76000	0.77000	10.17479	10.04461	False	-0.28935
257676	0.61000	0.63000	11.88272	11.67259	False	-0.36363
257686	0.77000	0.80000	10.04461	9.63352	False	-0.20137
257689	0.55250	0.56000	12.47208	12.39612	False	-0.95249
271371	0.76000	0.81000	10.17479	9.48841	False	2.01548
271375	0.74000	0.76000	10.42662	10.17479	False	-1.13951
271383	0.79000	0.82000	9.77432	9.33854	False	-0.21502
271384	0.71000	0.74000	10.78646	10.42662	False	-0.03709
271387	0.64000	0.68000	11.56616	11.12920	False	1.14377
271390	0.74000	0.75000	10.42662	10.30204	False	-0.43593
271396	0.76000	0.79000	10.17479	9.77432	False	-0.18508
271401	0.88000	0.89000	8.30005	8.09389	False	0.53788
271402	0.85000	0.88000	8.85427	8.30005	False	0.00358
271410	0.77000	0.80000	10.04461	9.63352	False	-0.20137
271412	0.59250	0.55250	12.06408	12.47208	False	2.42991
276509	0.71000	0.75000	10.78646	10.30204	False	0.92177
276512	0.76000	0.76000	10.17479	10.17479	False	0.71261

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
276513	0.84000	0.86000	9.02217	8.67872	False	-1.06268
276514	0.85000	0.87000	8.85427	8.49444	False	-1.06233
276516	0.75000	0.77000	10.30204	10.04461	False	-1.19025
276517	0.86000	0.87000	8.67872	8.49444	False	0.42105
276518	0.64000	0.66000	11.56616	11.35015	False	-0.55681
276521	0.77000	0.78000	10.04461	9.91123	False	-0.21599
276524	0.67000	0.69000	11.24035	11.01660	False	-0.74272
276526	0.75000	0.75000	10.30204	10.30204	False	0.61676
276531	0.54000	0.55250	12.59827	12.47208	False	-0.47083

**Table K-5. 2015 MCAS: Delta Analysis Results –
ELA Grade 7**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
222437	0.89000	0.89000	8.09389	8.09389	False	-1.19625
222445	0.69000	0.67000	11.01660	11.24035	False	-0.79657
222464	0.80000	0.80000	9.63352	9.63352	False	-0.90244
222465	0.59000	0.59000	12.08982	12.08982	False	-0.21184
222466	0.74000	0.69000	10.42662	11.01660	False	1.36851
224998	0.77000	0.77000	10.04461	10.04461	False	-0.78686
224999	0.61000	0.59000	11.88272	12.08982	False	-1.13099
225000	0.83000	0.83000	9.18334	9.18334	False	-1.02901
225002	0.60000	0.60000	11.98661	11.98661	False	-0.24086
225004	0.77000	0.73000	10.04461	10.54875	False	1.00730
225008	0.65000	0.70000	11.45872	10.90240	False	2.64759
225044	0.91000	0.90000	7.63698	7.87379	False	0.22495
225050	0.71000	0.71000	10.78646	10.78646	False	-0.57829
225051	0.75000	0.75000	10.30204	10.30204	False	-0.71449
225055	0.59000	0.56000	12.08982	12.39612	False	-0.64766
234046	0.89000	0.88000	8.09389	8.30005	False	-0.07082
234066	0.87000	0.88000	8.49444	8.30005	False	-0.16160
234075	0.72000	0.75000	10.66863	10.30204	False	1.38976
234082	0.90000	0.90000	7.87379	7.87379	False	-1.13437
234102	0.67000	0.68000	11.24035	11.12920	False	0.15603
234103	0.73000	0.74000	10.54875	10.42662	False	0.02156
234107	0.74000	0.74000	10.42662	10.42662	False	-0.67946
234109	0.67000	0.61000	11.24035	11.88272	False	1.42575
234114	0.77000	0.79000	10.04461	9.77432	False	0.68865
234119	0.65000	0.67000	11.45872	11.24035	False	0.80277
234121	0.63500	0.57250	11.61950	12.26903	False	1.35821
273055	0.82000	0.79000	9.33854	9.77432	False	0.83265
292874	0.76000	0.75000	10.17479	10.30204	False	-1.08666
292877	0.77000	0.75000	10.04461	10.30204	False	-0.33944
292879	0.80000	0.79000	9.63352	9.77432	False	-0.86051
292881	0.65000	0.65000	11.45872	11.45872	False	-0.38928
292889	0.55000	0.47500	12.49735	13.25083	False	1.67879
293862	0.73000	0.73000	10.54875	10.54875	False	-0.64512

**Table K-6. 2015 MCAS: Delta Analysis Results –
ELA Grade 8**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
207096	0.75000	0.75000	10.30204	10.30204	False	-0.11186
207099	0.84000	0.84000	9.02217	9.02217	False	-0.54368
207101	0.87000	0.90000	8.49444	7.87379	False	2.11796
207104	0.72000	0.72000	10.66863	10.66863	False	0.01182
207118	0.73000	0.77000	10.54875	10.04461	False	0.56139
207159	0.89000	0.89000	8.09389	8.09389	False	-0.85687
207176	0.84000	0.86000	9.02217	8.67872	False	-0.11448
207180	0.62000	0.65000	11.77808	11.45872	False	-1.22282
207185	0.57000	0.59000	12.29450	12.08982	False	-0.95660
207190	0.67000	0.67000	11.24035	11.24035	False	0.20471
207193	0.69250	0.74500	10.98820	10.36465	False	1.29817
266431	0.90000	0.89000	7.87379	8.09389	False	0.70006
266435	0.70000	0.70000	10.90240	10.90240	False	0.09069
266436	0.79000	0.81000	9.77432	9.48841	False	-0.79474
266441	0.56000	0.58000	12.39612	12.19243	False	-0.91501
266456	0.59000	0.63000	12.08982	11.67259	False	-0.60261
266466	0.74000	0.77000	10.42662	10.04461	False	-0.30255
283673	0.74000	0.75000	10.42662	10.30204	False	-0.99312
283675	0.87000	0.88000	8.49444	8.30005	False	-1.04119
283677	0.84000	0.84000	9.02217	9.02217	False	-0.54368
283678	0.87000	0.86000	8.49444	8.67872	False	0.64408
283679	0.80000	0.77000	9.63352	10.04461	False	2.70936
283684	0.65000	0.67000	11.45872	11.24035	False	-1.34003
283685	0.55000	0.56000	12.49735	12.39612	False	-0.12145
283692	0.62000	0.66000	11.77808	11.35015	False	-0.41816
283693	0.68000	0.68000	11.12920	11.12920	False	0.16721
283698	0.65750	0.64750	11.37740	11.48568	False	1.05345
283711	0.74000	0.77000	10.42662	10.04461	False	-0.30255
283809	0.73000	0.75000	10.54875	10.30204	False	-1.34650
283816	0.64000	0.70000	11.56616	10.90240	False	1.40120
283842	0.54000	0.60750	12.59827	11.90876	False	1.24371
283852	0.82000	0.85000	9.33854	8.85427	False	0.82249
287562	0.72000	0.75000	10.66863	10.30204	False	-0.49843

**Table K-7. 2015 MCAS: Delta Analysis Results –
ELA Grade 10**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
290898	0.80000	0.79000	9.63352	9.77432	False	0.13864
290900	0.94000	0.95000	6.78091	6.42059	False	1.58638
290902	0.74000	0.74000	10.42662	10.42662	False	-0.94559
290905	0.71000	0.70000	10.78646	10.90240	False	0.03542
290909	0.50500	0.47750	12.94987	13.22572	False	1.53375

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
299075	0.93000	0.93000	7.09684	7.09684	False	-1.23565
299076	0.82000	0.84000	9.33854	9.02217	False	1.00358
299077	0.86000	0.86000	8.67872	8.67872	False	-1.09785
299078	0.85000	0.85000	8.85427	8.85427	False	-1.08256
299079	0.63000	0.61000	11.67259	11.88272	False	0.88422
299080	0.70000	0.70000	10.90240	10.90240	False	-0.90414
299081	0.52000	0.55000	12.79939	12.49735	False	0.58464
299082	0.81000	0.81000	9.48841	9.48841	False	-1.02732
299083	0.71500	0.74500	10.72779	10.36465	False	1.26569
302639	0.71000	0.72000	10.78646	10.66863	False	-0.74885
302642	0.80000	0.81000	9.63352	9.48841	False	-0.42502
302645	0.87000	0.87000	8.49444	8.49444	False	-1.11390
302646	0.78000	0.77000	9.91123	10.04461	False	0.10210
302652	0.60750	0.64000	11.90876	11.56616	False	0.99452
302860	0.55000	0.55000	12.49735	12.49735	False	-0.76520
302863	0.81000	0.80000	9.48841	9.63352	False	0.16122
302868	0.81000	0.79000	9.48841	9.77432	False	1.31454
302869	0.74000	0.73000	10.42662	10.54875	False	0.05480
302873	0.76000	0.74000	10.17479	10.42662	False	1.09524
302877	0.65000	0.66000	11.45872	11.35015	False	-0.88324
302878	0.80000	0.83000	9.63352	9.18334	False	2.07390
302883	0.81000	0.80000	9.48841	9.63352	False	0.16122
302886	0.62250	0.63000	11.75179	11.67259	False	-1.14934
303654	0.66000	0.68000	11.35015	11.12920	False	0.04668
303660	0.70000	0.72000	10.90240	10.66863	False	0.19070
303662	0.96000	0.96000	5.99726	5.99726	False	-1.29680
303663	0.64000	0.66000	11.56616	11.35015	False	-0.01248
303666	0.51250	0.54000	12.87465	12.59827	False	0.36800
303872	0.74000	0.71000	10.42662	10.78646	False	2.00194
303873	0.87000	0.87000	8.49444	8.49444	False	-1.11390
304010	0.84000	0.85000	9.02217	8.85427	False	-0.18499
304011	0.95000	0.94000	6.42059	6.78091	False	1.65688
304013	0.90000	0.90000	7.87379	7.87379	False	-1.16797
304017	0.78000	0.79000	9.91123	9.77432	False	-0.51628
304021	0.79000	0.80000	9.77432	9.63352	False	-0.47251
304029	0.57500	0.58500	12.24353	12.14119	False	-1.00270
304291	0.85000	0.86000	8.85427	8.67872	False	-0.10777

**Table K-8. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 3**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
202961	0.88000	0.89000	8.30005	8.09389	False	-0.45074
203510	0.83000	0.82000	9.18334	9.33854	False	0.25408
203539	0.79000	0.80000	9.77432	9.63352	False	-0.94512
206980	0.75000	0.75000	10.30204	10.30204	False	-0.75735
206993	0.77000	0.79000	10.04461	9.77432	False	-0.59208

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
218333	0.78000	0.76000	9.91123	10.17479	False	0.24638
227291	0.78000	0.79000	9.91123	9.77432	False	-0.99782
227292	0.64000	0.65000	11.56616	11.45872	False	-0.37819
263115	0.58000	0.52000	12.19243	12.79939	False	0.23402
264568	0.81000	0.81000	9.48841	9.48841	False	-0.37243
287131	0.71000	0.73000	10.78646	10.54875	False	-0.34235
287674	0.83000	0.81000	9.18334	9.48841	False	0.71971
293463	0.85000	0.93000	8.85427	7.09684	True	3.46499
297507	0.73000	0.72000	10.54875	10.66863	False	-0.50160
300725	0.91000	0.91000	7.63698	7.63698	False	0.50347
306302	0.70000	0.74000	10.90240	10.42662	False	0.45212
306325	0.52500	0.52500	12.74917	12.74917	False	-0.15234
306380	0.72000	0.74000	10.66863	10.42662	False	-0.38473

**Table K-9. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 4**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
218891	0.87000	0.86000	8.49444	8.67872	False	-0.79949
228829	0.86000	0.85000	8.67872	8.85427	False	-0.83823
247455	0.90000	0.92000	7.87379	7.37971	False	1.11891
247577	0.59000	0.56000	12.08982	12.39612	False	-0.53794
247592	0.72000	0.70000	10.66863	10.90240	False	-0.72584
250533	0.65000	0.63000	11.45872	11.67259	False	-0.83075
279767	0.49000	0.44000	13.10028	13.60388	False	0.10228
280093	0.82000	0.81000	9.33854	9.48841	False	-0.95732
281896	0.71750	0.65750	10.69828	11.37740	False	0.82118
286769	0.83000	0.81000	9.18334	9.48841	False	-0.41072
287484	0.65750	0.66000	11.37740	11.35015	False	-0.34558
297614	0.70000	0.70000	10.90240	10.90240	False	-0.46182
297981	0.41000	0.34000	13.91018	14.64985	False	0.88638
299680	0.57000	0.55000	12.29450	12.49735	False	-0.90687
301803	0.91000	0.91000	7.63698	7.63698	False	-0.60955
301827	0.71000	0.68000	10.78646	11.12920	False	-0.35229
302488	0.42000	0.49000	13.80757	13.10028	False	2.12864
303324	0.57000	0.56000	12.29450	12.39612	False	-0.75214
304988	0.50000	0.58000	13.00000	12.19243	False	2.44073
307070	0.66000	0.61000	11.35015	11.88272	False	0.28219
310167	0.85000	0.81000	8.85427	9.48841	False	0.74824

**Table K-10. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 5**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
204721	0.69000	0.77000	11.01660	10.04461	False	1.77898
204866	0.68000	0.71000	11.12920	10.78646	False	-0.88245

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
248869	0.62000	0.66000	11.77808	11.35015	False	-0.58579
248875	0.90000	0.94000	7.87379	6.78091	False	2.58944
261198	0.86000	0.87000	8.67872	8.49444	False	-0.76866
262135	0.69000	0.67000	11.01660	11.24035	False	1.17419
272911	0.84000	0.85000	9.02217	8.85427	False	-0.66673
280474	0.90000	0.91000	7.87379	7.63698	False	-1.01671
280747	0.67000	0.70000	11.24035	10.90240	False	-0.91329
287612	0.87000	0.89000	8.49444	8.09389	False	-0.38647
288290	0.92000	0.91000	7.37971	7.63698	False	0.96687
293830	0.42000	0.46000	13.80757	13.40173	False	-0.87332
293831	0.89000	0.88000	8.09389	8.30005	False	0.82005
294905	0.56750	0.56750	12.31995	12.31995	False	0.35656
297997	0.66000	0.70000	11.35015	10.90240	False	-0.46129
298034	0.51000	0.52000	12.89972	12.79939	False	-0.01055
301165	0.57000	0.62000	12.29450	11.77808	False	-0.26249
301593	0.62000	0.65000	11.77808	11.45872	False	-1.04064
301605	0.85000	0.84000	8.85427	9.02217	False	0.73173
301830	0.61000	0.66000	11.88272	11.35015	False	-0.15500
306426	0.49500	0.54500	13.05013	12.54785	False	-0.39445

**Table K-11. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 6**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
217565	0.60000	0.65000	11.98661	11.45872	False	0.40963
223113	0.92000	0.90000	7.37971	7.87379	False	1.32341
272359	0.74000	0.72000	10.42662	10.66863	False	0.15999
280684	0.86000	0.90000	8.67872	7.87379	False	1.51135
281665	0.82000	0.81000	9.33854	9.48841	False	-0.20675
282133	0.67000	0.72000	11.24035	10.66863	False	0.57796
282280	0.72000	0.73250	10.66863	10.51843	False	-1.24731
282332	0.53000	0.54000	12.69892	12.59827	False	-1.37192
288799	0.72000	0.72000	10.66863	10.66863	False	-0.88571
290240	0.83000	0.81000	9.18334	9.48841	False	0.46384
290253	0.48500	0.50750	13.15043	12.92480	False	-0.85740
293825	0.91000	0.92000	7.63698	7.37971	False	-0.86813
293846	0.55000	0.58000	12.49735	12.19243	False	-0.53426
293850	0.69000	0.68000	11.01660	11.12920	False	-0.41140
298153	0.76000	0.81000	10.17479	9.48841	False	1.04202
298159	0.74000	0.77000	10.42662	10.04461	False	-0.25832
298169	0.57000	0.49000	12.29450	13.10028	False	2.53124
299673	0.73000	0.75000	10.54875	10.30204	False	-0.83607
301231	0.66000	0.63000	11.35015	11.67259	False	0.48080
306620	0.43000	0.46000	13.70550	13.40173	False	-0.50715
307343	0.59000	0.62000	12.08982	11.77808	False	-0.51583

**Table K-12. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 7**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
208377	0.88000	0.88000	8.30005	8.30005	False	-1.41323
208665	0.56250	0.56750	12.37076	12.31995	False	-1.48868
228065	0.77000	0.73000	10.04461	10.54875	False	1.15905
235440	0.74000	0.78000	10.42662	9.91123	False	0.86269
250531	0.65000	0.62000	11.45872	11.77808	False	0.09969
250848	0.68000	0.68000	11.12920	11.12920	False	-1.57382
261072	0.42000	0.39000	13.80757	14.11728	False	-0.08480
261076	0.57000	0.60000	12.29450	11.98661	False	-0.13078
261644	0.61000	0.66000	11.88272	11.35015	False	1.03640
272149	0.56000	0.58000	12.39612	12.19243	False	-0.67712
272153	0.70000	0.75000	10.90240	10.30204	False	1.33991
272158	0.53500	0.53000	12.64862	12.69892	False	-1.39353
281477	0.72000	0.68000	10.66863	11.12920	False	0.89279
281688	0.79000	0.83000	9.77432	9.18334	False	1.22617
282222	0.72000	0.70000	10.66863	10.90240	False	-0.30901
282955	0.69000	0.65000	11.01660	11.45872	False	0.77527
290543	0.84000	0.81000	9.02217	9.48841	False	1.01632
301844	0.52000	0.51000	12.79939	12.89972	False	-1.13695
301848	0.63000	0.67000	11.67259	11.24035	False	0.49281
302328	0.55000	0.53000	12.49735	12.69892	False	-0.58342
303730	0.47000	0.50000	13.30108	13.00000	False	-0.10975

**Table K-13. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 8**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
219579	0.91000	0.91000	7.63698	7.63698	False	-0.25918
219677	0.72000	0.74000	10.66863	10.42662	False	-0.85938
228171	0.38000	0.42000	14.22192	13.80757	False	-0.80413
228439	0.67000	0.67750	11.24035	11.15712	False	0.42071
252991	0.71000	0.74000	10.78646	10.42662	False	-1.62163
253749	0.61000	0.69000	11.88272	11.01660	False	1.11035
253770	0.86000	0.90000	8.67872	7.87379	False	1.80215
253798	0.64000	0.65000	11.56616	11.45872	False	0.36839
253802	0.68000	0.70000	11.12920	10.90240	False	-0.59632
253886	0.88000	0.88000	8.30005	8.30005	False	-0.02970
260361	0.83000	0.83000	9.18334	9.18334	False	0.27600
264730	0.62000	0.70000	11.77808	10.90240	False	1.21168
264777	0.86000	0.85000	8.67872	8.85427	False	1.29775
298052	0.33000	0.40000	14.75965	14.01339	False	-0.70222
299550	0.72000	0.74000	10.66863	10.42662	False	-0.85938
299575	0.73000	0.78000	10.54875	9.91123	False	0.01401
301677	0.44000	0.47000	13.60388	13.30108	False	-0.25777
301698	0.80000	0.83000	9.63352	9.18334	False	-0.94606
303244	0.41000	0.46000	13.91018	13.40173	False	-1.55332

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
303342	0.66000	0.74000	11.35015	10.42662	False	1.68590
307544	0.86000	0.89000	8.67872	8.09389	False	0.30214

**Table K-14. 2015 MCAS: Delta Analysis Results –
Mathematics Grade 10**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
281614	0.55000	0.61000	12.49735	11.88272	False	1.59966
287679	0.65000	0.68000	11.45872	11.12920	False	0.26100
287699	0.73000	0.74000	10.54875	10.42662	False	-0.68501
294009	0.73000	0.77000	10.54875	10.04461	False	1.35795
294151	0.72000	0.73000	10.66863	10.54875	False	-0.71849
294292	0.74000	0.71000	10.42662	10.78646	False	0.79151
294480	0.65000	0.66000	11.45872	11.35015	False	-0.92060
294697	0.66750	0.63500	11.26792	11.61950	False	0.89809
298055	0.43500	0.43500	13.65463	13.65463	False	-0.55442
301388	0.90000	0.89000	7.87379	8.09389	False	-0.41336
301440	0.46000	0.43000	13.40173	13.70550	False	1.02477
301486	0.54500	0.56000	12.54785	12.39612	False	-0.88501
301997	0.74000	0.75000	10.42662	10.30204	False	-0.65003
302007	0.53000	0.51000	12.69892	12.89972	False	0.34820
302040	0.65000	0.63000	11.45872	11.67259	False	0.19581
302047	0.72000	0.72000	10.66863	10.66863	False	-1.08955
302057	0.45000	0.43000	13.50265	13.70550	False	0.50319
302066	0.60000	0.58750	11.98661	12.11553	False	-0.16392
303248	0.78000	0.76000	9.91123	10.17479	False	0.18424
303270	0.77000	0.77000	10.04461	10.04461	False	-1.20138
303274	0.75000	0.74000	10.30204	10.42662	False	-0.48901
303296	0.61000	0.61000	11.88272	11.88272	False	-0.87197
303308	0.63000	0.65000	11.67259	11.45872	False	-0.39579
303431	0.49000	0.58000	13.10028	12.19243	True	3.05974
303444	0.52000	0.53000	12.79939	12.69892	False	-1.20421
304337	0.66000	0.65000	11.35015	11.45872	False	-0.38678
308020	0.56000	0.58000	12.39612	12.19243	False	-0.57986
308721	0.53000	0.58000	12.69892	12.19243	False	0.98523

**Table K-15. 2015 MCAS: Delta Analysis Results –
STE Grade 5**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
288141	0.76000	0.79000	10.17479	9.77432	False	2.08232
288208	0.62000	0.60000	11.77808	11.98661	False	-1.15241
288212	0.73000	0.71000	10.54875	10.78646	False	-0.94839
289407	0.68000	0.69000	11.12920	11.01660	False	0.31248
289409	0.93000	0.93000	7.09684	7.09684	False	-0.46168
289418	0.61000	0.59000	11.88272	12.08982	False	-1.16329

continued

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
289448	0.77000	0.77000	10.04461	10.04461	False	-0.40692
289473	0.89000	0.87000	8.09389	8.49444	False	0.10837
289506	0.45000	0.42000	13.50265	13.80757	False	-0.58587
291051	0.84000	0.82000	9.02217	9.33854	False	-0.43159
291183	0.66000	0.66000	11.35015	11.35015	False	-0.38267
291229	0.86000	0.81000	8.67872	9.48841	False	2.63815
291290	0.89000	0.87000	8.09389	8.49444	False	0.10837
291330	0.59000	0.53000	12.08982	12.69892	False	1.32918
291387	0.69000	0.70000	11.01660	10.90240	False	0.32029
291591	0.45250	0.41000	13.47739	13.91018	False	0.20857
291624	0.57750	0.56750	12.21799	12.31995	False	-0.99966
294474	0.74000	0.74000	10.42662	10.42662	False	-0.39982
299533	0.73000	0.74000	10.54875	10.42662	False	0.36083
299576	0.62000	0.63000	11.77808	11.67259	False	0.28034
301136	0.77000	0.75000	10.04461	10.30204	False	-0.81660

**Table K-16. 2015 MCAS: Delta Analysis Results –
STE Grade 8**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
282047	0.71000	0.73000	10.78646	10.54875	False	0.92005
288302	0.48000	0.49000	13.20061	13.10028	False	1.02974
288314	0.78000	0.78000	9.91123	9.91123	False	-1.35023
288320	0.72000	0.74000	10.66863	10.42662	False	0.89122
288327	0.38000	0.34750	14.22192	14.56832	False	-0.55820
289584	0.43000	0.40000	13.70550	14.01339	False	-0.62379
291691	0.60000	0.56000	11.98661	12.39612	False	1.40309
291720	0.61000	0.57000	11.88272	12.29450	False	1.48773
291776	0.71000	0.72000	10.78646	10.66863	False	-0.25144
291789	0.79000	0.78000	9.77432	9.91123	False	0.06999
291839	0.56000	0.56000	12.39612	12.39612	False	-0.43463
291994	0.50000	0.49000	13.00000	13.10028	False	-1.05127
291997	0.63000	0.60000	11.67259	11.98661	False	0.65890
292014	0.72000	0.74000	10.66863	10.42662	False	0.89122
292021	0.62500	0.63500	11.72544	11.61950	False	0.19723
294058	0.51000	0.50000	12.89972	13.00000	False	-1.11158
294092	0.77000	0.76000	10.04461	10.17479	False	-0.15840
294239	0.63000	0.63000	11.67259	11.67259	False	-0.86982
299487	0.68000	0.68000	11.12920	11.12920	False	-1.19666
304516	0.72000	0.72000	10.66863	10.66863	False	-1.47368
304558	0.80000	0.78000	9.63352	9.91123	False	1.53053

**Table K-17. 2015 MCAS: Delta Analysis Results –
High School Biology**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
208029	0.66000	0.67000	11.35015	11.24035	False	-0.35896
208193	0.71000	0.73000	10.78646	10.54875	False	-0.70332
234777	0.80000	0.80000	9.63352	9.63352	False	-0.22222
260672	0.79000	0.84000	9.77432	9.02217	False	0.15274
260673	0.72000	0.75000	10.66863	10.30204	False	-0.82712
260689	0.74000	0.83000	10.42662	9.18334	False	1.27159
260690	0.38500	0.43750	14.16950	13.62924	False	-0.66758
268645	0.73000	0.79000	10.54875	9.77432	False	0.14974
273305	0.53500	0.53250	12.64862	12.67378	False	0.05517
273506	0.77000	0.78000	10.04461	9.91123	False	-0.50920
276484	0.53750	0.56500	12.62345	12.34537	False	-0.66654
276801	0.68000	0.87000	11.12920	8.49444	False	4.52425
279490	0.55000	0.56000	12.49735	12.39612	False	-0.25580
279793	0.68000	0.70000	11.12920	10.90240	False	-0.65268
289300	0.65000	0.72000	11.45872	10.66863	False	0.12120
289324	0.74000	0.68000	10.42662	11.12920	False	1.50296
290036	0.72000	0.81000	10.66863	9.48841	False	1.10441
290938	0.76000	0.74000	10.17479	10.42662	False	0.41469
290946	0.61000	0.63000	11.88272	11.67259	False	-0.55871
293174	0.66000	0.68000	11.35015	11.12920	False	-0.62281
294807	0.69000	0.70000	11.01660	10.90240	False	-0.39349
294812	0.62000	0.67000	11.77808	11.24035	False	-0.50094
295271	0.74000	0.77000	10.42662	10.04461	False	-0.77306
295307	0.43750	0.45750	13.62924	13.42694	False	-0.41404
299685	0.70000	0.65000	10.90240	11.45872	False	1.19008
299736	0.80000	0.81000	9.63352	9.48841	False	-0.56669
299776	0.78000	0.78000	9.91123	9.91123	False	-0.20217
299799	0.59000	0.67000	12.08982	11.24035	False	0.21663
299806	0.72000	0.74000	10.66863	10.42662	False	-0.72204
299812	0.74000	0.73000	10.42662	10.54875	False	0.12497
299834	0.34750	0.51000	14.56832	12.89972	False	1.98228
301330	0.64000	0.77000	11.56616	10.04461	False	1.84994
301397	0.46000	0.50000	13.40173	13.00000	False	-0.90390
304850	0.80000	0.81000	9.63352	9.48841	False	-0.56669
304851	0.78000	0.77000	9.91123	10.04461	False	0.11448
304867	0.72000	0.71000	10.66863	10.78646	False	0.13222
304868	0.79000	0.80000	9.77432	9.63352	False	-0.54632
304879	0.61000	0.64000	11.88272	11.56616	False	-0.81135
304881	0.84000	0.86000	9.02217	8.67872	False	-0.76321
304887	0.87000	0.87000	8.49444	8.49444	False	-0.30446
304888	0.86000	0.87000	8.67872	8.49444	False	-0.72865
304894	0.67000	0.66000	11.24035	11.35015	False	0.15444
304989	0.69000	0.69000	11.01660	11.01660	False	-0.12238
304994	0.65000	0.66000	11.45872	11.35015	False	-0.34820
306316	0.90000	0.90000	7.87379	7.87379	False	-0.34926

**Table K-18. 2015 MCAS: Delta Analysis Results –
High School Chemistry**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
208242	0.49000	0.73000	13.10028	10.54875	False	3.16737
230480	0.64000	0.83000	11.56616	9.18334	False	3.07776
252684	0.51000	0.54500	12.89972	12.54785	False	-1.09854
258969	0.35000	0.49000	14.54128	13.10028	False	0.77243
261071	0.76000	0.72000	10.17479	10.66863	False	0.01613
273004	0.51000	0.55000	12.89972	12.49735	False	-0.99990
273009	0.75000	0.70000	10.30204	10.90240	False	0.24412
275812	0.66000	0.71000	11.35015	10.78646	False	-0.44237
275816	0.87000	0.87000	8.49444	8.49444	False	-1.09690
275844	0.63000	0.68000	11.67259	11.12920	False	-0.53247
275849	0.61000	0.72000	11.88272	10.66863	False	0.74497
275854	0.86000	0.89000	8.67872	8.09389	False	0.01682
281264	0.45000	0.45000	13.50265	13.50265	False	-0.42811
281269	0.91000	0.91000	7.63698	7.63698	False	-0.96278
281310	0.81000	0.90000	9.48841	7.87379	False	1.90198
281326	0.40000	0.36000	14.01339	14.43384	False	0.47318
281333	0.52000	0.52000	12.79939	12.79939	False	-0.53811
281917	0.63000	0.72000	11.67259	10.66863	False	0.36731
287273	0.80000	0.79000	9.63352	9.77432	False	-0.75825
287570	0.75000	0.80000	10.30204	9.63352	False	-0.07360
288192	0.77000	0.82000	10.04461	9.33854	False	0.04002
294600	0.77000	0.69000	10.04461	11.01660	False	0.92988
294729	0.71000	0.69000	10.78646	11.01660	False	-0.40337
294735	0.72000	0.73000	10.66863	10.54875	False	-1.10562
294738	0.59500	0.59750	12.03830	12.01247	False	-0.70761
294741	0.31250	0.42500	14.95511	13.75647	False	0.23419
294742	0.48000	0.44750	13.20061	13.52792	False	0.16408
294762	0.79000	0.81000	9.77432	9.48841	False	-0.73856
299690	0.84000	0.85000	9.02217	8.85427	False	-0.85143
299718	0.85000	0.73000	8.85427	10.54875	False	2.15517
300099	0.83000	0.80000	9.18334	9.63352	False	-0.22426
300105	0.71000	0.65000	10.78646	11.45872	False	0.46036
300119	0.73000	0.70000	10.54875	10.90240	False	-0.19926
300121	0.74000	0.74000	10.42662	10.42662	False	-0.90926
300189	0.79000	0.81000	9.77432	9.48841	False	-0.73856
300193	0.55000	0.62000	12.49735	11.77808	False	-0.31785
300198	0.79000	0.81000	9.77432	9.48841	False	-0.73856
304366	0.62000	0.62000	11.77808	11.77808	False	-0.69787
304388	0.85000	0.80000	8.85427	9.63352	False	0.36715
304405	0.83000	0.81000	9.18334	9.48841	False	-0.50773
305196	0.85000	0.83000	8.85427	9.18334	False	-0.51233
305197	0.75000	0.74000	10.30204	10.42662	False	-0.68537
305213	0.77000	0.70000	10.04461	10.90240	False	0.70677
305241	0.65000	0.61750	11.45872	11.80431	False	-0.07266
309490	0.79000	0.73000	9.77432	10.54875	False	0.50165

**Table K-19. 2015 MCAS: Delta Analysis Results –
High School Introductory Physics**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
210928	0.71000	0.77000	10.78646	10.04461	False	0.25513
230867	0.76000	0.76000	10.17479	10.17479	False	-0.07908
235317	0.64000	0.72000	11.56616	10.66863	False	0.67398
261116	0.68000	0.71000	11.12920	10.78646	False	-1.11220
272670	0.53000	0.57000	12.69892	12.29450	False	-1.09452
280874	0.48000	0.60000	13.20061	11.98661	False	1.51823
286522	0.69000	0.73000	11.01660	10.54875	False	-0.71540
287049	0.59000	0.61000	12.08982	11.88272	False	-0.50843
287336	0.58000	0.62000	12.19243	11.77808	False	-1.06960
287337	0.66000	0.68000	11.35015	11.12920	False	-0.66349
287344	0.75000	0.75000	10.30204	10.30204	False	-0.06055
287345	0.53000	0.62000	12.69892	11.77808	False	0.58875
287348	0.65000	0.57000	11.45872	12.29450	False	2.96610
287388	0.58000	0.69000	12.19243	11.01660	False	1.53450
288360	0.50000	0.63000	13.00000	11.67259	False	1.93529
293153	0.42250	0.48500	13.78201	13.15043	False	-0.55822
293915	0.60000	0.69000	11.98661	11.01660	False	0.86063
293925	0.57000	0.59000	12.29450	12.08982	False	-0.47037
293942	0.49000	0.49000	13.10028	13.10028	False	0.34695
293943	0.62000	0.66000	11.77808	11.35015	False	-0.96282
293945	0.57500	0.59500	12.24353	12.03830	False	-0.47966
293960	0.75000	0.76000	10.30204	10.17479	False	-0.49572
293977	0.50000	0.59000	13.00000	12.08982	False	0.50844
295861	0.61000	0.54000	11.88272	12.59827	False	2.61664
299237	0.65000	0.66000	11.45872	11.35015	False	-0.26340
299243	0.80000	0.79000	9.63352	9.77432	False	0.32360
299246	0.61000	0.65000	11.88272	11.45872	False	-0.99147
299340	0.83000	0.85000	9.18334	8.85427	False	-0.92302
299385	0.40750	0.45750	13.93592	13.42694	False	-0.99986
301721	0.68000	0.70000	11.12920	10.90240	False	-0.71572
301740	0.54000	0.51000	12.59827	12.89972	False	1.30477
301743	0.76000	0.80000	10.17479	9.63352	False	-0.34172
301771	0.83000	0.81000	9.18334	9.48841	False	0.81983
302734	0.82000	0.86000	9.33854	8.67872	False	0.18545
302735	0.69000	0.73000	11.01660	10.54875	False	-0.71540
302738	0.46500	0.55750	13.35138	12.42146	False	0.52475
304704	0.77000	0.77000	10.04461	10.04461	False	-0.09804
304722	0.84000	0.87000	9.02217	8.49444	False	-0.22017
304745	0.83000	0.86000	9.18334	8.67872	False	-0.32270
304756	0.74000	0.77000	10.42662	10.04461	False	-0.92306
304758	0.55000	0.53000	12.49735	12.69892	False	0.94846
304776	0.80000	0.81000	9.63352	9.48841	False	-0.65412
305454	0.77000	0.80000	10.04461	9.63352	False	-0.76794
305455	0.45750	0.51250	13.42694	12.87465	False	-0.77765
305487	0.86000	0.87000	8.67872	8.49444	False	-0.92717

**Table K-20. 2015 MCAS: Delta Analysis Results –
High School Technology/Engineering**

<i>Item Number</i>	<i>P</i>		<i>Delta</i>		<i>Discard</i>	<i>Std</i>
	<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
206619	0.52000	0.53000	12.79939	12.69892	False	-0.72265
206636	0.43500	0.49000	13.65463	13.10028	False	0.48466
206768	0.68000	0.69000	11.12920	11.01660	False	-0.56688
208413	0.71000	0.72000	10.78646	10.66863	False	-0.52727
221741	0.62000	0.58000	11.77808	12.19243	False	0.02450
246713	0.37000	0.38750	14.32741	14.14336	False	-0.60027
252773	0.44000	0.45000	13.60388	13.50265	False	-0.77918
265201	0.53000	0.62000	12.69892	11.77808	False	1.57954
267217	0.77000	0.74000	10.04461	10.42662	False	-0.19240
268474	0.53000	0.52000	12.69892	12.79939	False	-0.78638
274276	0.85000	0.86000	8.85427	8.67872	False	-0.22491
281372	0.79000	0.81000	9.77432	9.48841	False	0.01670
281390	0.69000	0.69000	11.01660	11.01660	False	-0.87366
281444	0.78000	0.81000	9.91123	9.48841	False	0.38970
283408	0.85000	0.84000	8.85427	9.02217	False	-0.87813
283418	0.55000	0.52000	12.49735	12.79939	False	-0.23723
287778	0.73000	0.72000	10.54875	10.66863	False	-0.88887
287779	0.54000	0.53000	12.59827	12.69892	False	-0.79319
287818	0.47000	0.47000	13.30108	13.30108	False	-1.02349
290766	0.46000	0.45000	13.40173	13.50265	False	-0.73387
293173	0.60000	0.53000	11.98661	12.69892	False	0.87319
293181	0.80000	0.78000	9.63352	9.91123	False	-0.51413
293183	0.71000	0.53000	10.78646	12.69892	False	4.14286
293192	0.83000	0.78000	9.18334	9.91123	False	0.71233
294347	0.68000	0.74000	11.12920	10.42662	False	1.08348
294348	0.70000	0.62000	10.90240	11.77808	False	1.25112
294383	0.67000	0.66000	11.24035	11.35015	False	-0.86664
296397	0.49000	0.51000	13.10028	12.89972	False	-0.46462
296435	0.67000	0.67000	11.24035	11.24035	False	-0.88998
296438	0.62000	0.65000	11.77808	11.45872	False	-0.03585
296459	0.65000	0.63000	11.45872	11.67259	False	-0.55960
296471	0.40250	0.48000	13.98753	13.20061	False	1.11091
299288	0.46000	0.44000	13.40173	13.60388	False	-0.45070
299347	0.61000	0.54000	11.88272	12.59827	False	0.87466
300258	0.47750	0.46250	13.22572	13.37655	False	-0.60706
300325	0.62000	0.71000	11.77808	10.78646	False	1.84467
300328	0.59000	0.61000	12.08982	11.88272	False	-0.37262
305094	0.55000	0.57000	12.49735	12.29450	False	-0.41421
305115	0.84000	0.82000	9.02217	9.33854	False	-0.45057
305127	0.46250	0.51750	13.37655	12.82448	False	0.49854
305140	0.62000	0.60000	11.77808	11.98661	False	-0.55123
305148	0.81000	0.85000	9.48841	8.85427	False	1.01171
305171	0.66000	0.64000	11.35015	11.56616	False	-0.56151
305177	0.69000	0.67000	11.01660	11.24035	False	-0.56421
306823	0.69000	0.61000	11.01660	11.88272	False	1.23272

**Table K-21. 2015 MCAS: Rescore Analysis Results –
ELA Grade 3**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
286605B	2	1.27451	1.26961	0.65325	0.65905	-0.00750	False
286604A	2	0.96585	1.00976	0.72342	0.69303	0.06069	False
257044	4	1.76098	1.77561	1.03205	0.92269	0.01418	False
257128	4	1.48780	1.42439	0.95286	0.85772	-0.06655	False

**Table K-22. 2015 MCAS: Rescore Analysis Results –
ELA Grade 4**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
286474	4	1.92647	1.88725	1.00221	0.89445	-0.03913	False
255620	4	1.77340	1.54680	0.97893	0.93952	-0.23148	False
286457	4	1.96098	1.91220	0.98441	1.02043	-0.04955	False

**Table K-23. 2015 MCAS: Rescore Analysis Results –
ELA Grade 5**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
286810	4	1.79902	1.83333	1.01893	0.96830	0.03368	False
296598	4	1.58852	1.66029	0.96728	0.87947	0.07420	False
291595	4	2.01914	2.10526	0.77187	0.84831	0.11158	False

**Table K-24. 2015 MCAS: Rescore Analysis Results –
ELA Grade 6**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
271412	4	2.17647	2.00490	1.12221	1.03865	-0.15289	False
257689	4	2.02439	2.09756	0.90985	1.00501	0.08042	False
276531	4	2.04390	1.90732	0.97670	0.93210	-0.13984	False

**Table K-25. 2015 MCAS: Rescore Analysis Results –
ELA Grade 7**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
225055	4	2.13725	1.97059	1.08314	1.06402	-0.15387	False
234121	4	2.26341	2.01951	1.04735	0.89640	-0.23288	False
292889	4	1.93137	1.62255	1.26926	1.05498	-0.24331	False

**Table K-26. 2015 MCAS: Rescore Analysis Results –
ELA Grade 8**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
283842	4	1.90148	2.18227	0.99511	0.99069	0.28217	False
283698	4	2.32683	2.27805	1.07353	0.96292	-0.04544	False
207193	4	2.50000	2.62255	1.11196	1.13158	0.11021	False

**Table K-27. 2015 MCAS: Rescore Analysis Results –
ELA Grade 10**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
304029	4	1.93103	1.84236	1.04605	1.01219	-0.08477	False
299083	4	2.55941	2.68812	1.09223	1.03508	0.11784	False
302886	4	2.21951	2.08293	1.03166	0.97917	-0.13239	False
302652	4	2.21182	2.23645	1.03859	0.99665	0.02372	False
290909	4	1.71359	1.56311	1.00754	1.03283	-0.14936	False
303666	4	1.50490	1.57353	1.05278	1.09161	0.06519	False

**Table K-28. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 3**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
297507	2	1.48515	1.50990	0.67822	0.64059	0.03650	False
306325	2	1.01951	0.95610	0.79188	0.80014	-0.08008	False

**Table K-29. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 4**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
281896	4	2.84314	2.81373	1.21359	1.23360	-0.02424	False
287484	4	2.59512	2.62439	1.16188	1.16332	0.02519	False

**Table K-30. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 5**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
294905	4	2.21516	2.16626	1.29768	1.35282	-0.03768	False
306426	4	1.93171	2.11707	1.30270	1.31046	0.14229	False

**Table K-31. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 6**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
282280	4	2.82353	2.82353	1.26656	1.25484	0.00000	False
290253	4	2.11220	2.10732	1.40101	1.38557	-0.00348	False

**Table K-32. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 7**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
272158	4	2.17157	2.15196	1.08957	1.09249	-0.01800	False
208665	4	2.30732	2.22927	1.27502	1.30652	-0.06121	False

**Table K-33. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 8**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
253798	4	2.40920	2.35109	1.50553	1.54550	-0.03860	False
228439	4	2.85854	2.80976	1.19677	1.21438	-0.04076	False

**Table K-34. 2015 MCAS: Rescore Analysis Results –
Mathematics Grade 10**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
294697	4	2.45420	2.48253	1.16686	1.19957	0.02428	False
298055	4	1.84878	1.78537	1.12741	1.12360	-0.05625	False
302066	4	2.39806	2.37379	1.21810	1.23957	-0.01993	False
301486	4	2.12621	2.15534	1.28291	1.29105	0.02270	False

**Table K-35. 2015 MCAS: Rescore Analysis Results –
STE Grade 5**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
291624	4	2.20000	2.25366	1.31718	1.36819	0.04074	False
291591	4	1.67488	1.63054	1.16012	1.14026	-0.03822	False

**Table K-36. 2015 MCAS: Rescore Analysis Results –
STE Grade 8**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
288327	4	1.51980	1.45545	1.16700	1.12737	-0.05515	False
292021	4	2.47549	2.53431	1.36087	1.32776	0.04322	False

**Table K-37. 2015 MCAS: Rescore Analysis Results –
High School Biology**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
260690	4	1.59615	1.66827	0.90999	0.92581	0.07925	False
273305	4	1.89000	1.85500	1.21218	1.21879	-0.02887	False
276484	4	2.10732	2.14146	0.95719	1.00024	0.03567	False
299834	4	1.51010	1.46465	1.07711	1.02362	-0.04220	False
295307	4	1.67327	1.68812	1.05928	1.07072	0.01402	False

**Table K-38. 2015 MCAS: Rescore Analysis Results –
High School Chemistry**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
305241	4	2.33171	2.36585	1.45815	1.44826	0.02342	False
252684	4	1.72195	1.64878	1.43742	1.39879	-0.05090	False
294738	4	2.16585	2.13659	1.11006	1.10082	-0.02637	False
294741	4	1.05446	1.13366	0.94549	1.04267	0.08377	False
294742	4	1.56098	1.64390	1.24312	1.31659	0.06671	False

**Table K-39. 2015 MCAS: Rescore Analysis Results –
High School Introductory Physics**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
293945	4	2.39196	2.37186	1.06013	1.06736	-0.01896	False
305455	4	1.88670	1.94581	0.87817	0.95872	0.06731	False
299385	4	1.69154	1.68159	1.17425	1.23370	-0.00847	False
293153	4	1.87000	1.83500	1.29799	1.24472	-0.02696	False
302738	4	1.88718	1.88718	1.32407	1.32795	0.00000	False

**Table K-40. 2015 MCAS: Rescore Analysis Results –
High School Technology/Engineering**

<i>Item Number</i>	<i>Max</i>	<i>Mean</i>		<i>StDev</i>		<i>Effect Size</i>	<i>Discard</i>
		<i>Old</i>	<i>New</i>	<i>Old</i>	<i>New</i>		
206636	4	1.68182	1.64141	1.06168	1.11869	-0.03806	False
296471	4	1.55721	1.53234	1.06463	1.01787	-0.02337	False
300258	4	1.78607	1.80100	0.84035	0.93632	0.01776	False
246713	4	1.35644	1.45050	1.19533	1.16525	0.07869	False
305127	4	1.77612	1.79104	1.40950	1.39225	0.01059	False