

Sample ID	Multiplier	Split Goals						Notes:
		0.25		0.25		0.5		
		Original Mass [g]	Metals/Ra 226 Split	MLA	SPLP/TCLP			
		Est.	Actual	Est.	Actual	Est.	Actual	
CR-L-0-SL-01 +25		7.3	N/A	N/A		N/A		
CR-L-0-SL-01 +50		21.82	N/A	N/A		N/A		
CR-L-0-SL-01 +100		78.6	N/A	N/A		N/A		
CR-L-0-SL-01 +140		60.52	N/A	N/A		N/A		
CR-L-0-SL-01 +200		48.25	N/A	N/A		N/A		
CR-L-0-SL-01 +270		19	N/A	N/A		N/A		
CR-L-0-SL-01 -270		76.85	N/A	N/A		N/A		
CR-L-4-SY +25		21.1	5.28	5.28	5.28	10.55	10.45	High organics
CR-L-4-SY +50		93.89	23.47	23.47	23.47	46.95	46.91	
CR-L-4-SY +100		292.99	73.25	73 *	73.25	146.50	146.21	Needs Dup.
CR-L-4-SY +140		216.01	54.00	54.00	54.00	108.01	107.53	
CR-L-4-SY +200		147.75	36.94	36.94	36.94	73.88	73.51	
CR-L-4-SY +270		58.97	14.74	14.75	14.74	29.49	28.79	
CR-L-4-SY -270		111.2						
CR-L-8-SY +25		16.42	4.11	4.11	4.11	8.21	8.11	High organics
CR-L-8-SY +50		96.23	24.06	24.05	24.06	48.12	48.06	
CR-L-8-SY +100		316.33	79.08	79.07	79.08	158.17	156.87	
CR-L-8-SY +140		235.75	58.94	59.00	58.94	117.88	117.43	
CR-L-8-SY +200		155.51	38.88	38.87	38.88	77.76	77.26	
CR-L-8-SY +270		62.53	15.63	15.63	15.63	31.27	30.78	
CR-L-8-SY -270		112.07						
CR-L-30-SY +25		14.83	3.71	3.71	3.71	7.42	7.41	
CR-L-30-SY +50		86.23	21.56	21.57	21.56	43.12	43.06	
CR-L-30-SY +100		299.05	74.76	74.76	74.76	149.53	149.27	
CR-L-30-SY +140		230.55	57.64	57.66	57.64	115.28	114.95	
CR-L-30-SY +200		158.34	39.59	39.60	39.59	79.17	78.70	
CR-L-30-SY +270		65.63	16.41	16.42	16.41	32.82	32.31	
CR-L-30-SY -270		137.01						
CR-M-0-SL-01 +25		36.97	N/A		N/A	N/A		
CR-M-0-SL-01 +50		77.55	N/A		N/A	N/A		
CR-M-0-SL-01 +100		84.32	N/A **		N/A	N/A		Needs Dup.
CR-M-0-SL-01 +140		30.38	N/A		N/A	N/A		
CR-M-0-SL-01 +200		20.85	N/A		N/A	N/A		
CR-M-0-SL-01 +270		9.44	N/A		N/A	N/A		
CR-M-0-SL-01 -270		56.16	N/A		N/A	N/A		
CR-M-4-SY +25		82.48	20.62	20.61	20.62	41.24	41.18	
CR-M-4-SY +50		369.57	92.39	92.38	92.39	184.79	183.97	TEAR in bag - sample loss
CR-M-4-SY +100		353.13	88.28	88.27	88.28	176.57	176.40	
CR-M-4-SY +140		113.78	28.45	28.45	28.45	56.89	56.57	
CR-M-4-SY +200		70.67	17.67	17.67	17.67	35.34	34.56	MLA split high
CR-M-4-SY +270		31.43	7.86	7.86	7.86	15.72	15.31	
CR-M-4-SY -270		109.17						
CR-M-8-SY +25		165.22	41.31	41.31	41.31	82.61	82.61	
CR-M-8-SY +50		493.53	123.38	123.38	123.38	246.77	246.64	
CR-M-8-SY +100		410.51	102.63	102.63	102.63	205.26	205.18	SPLP split low
CR-M-8-SY +140		125.67	31.42	31.43	31.42	62.84	62.45	low as transcript error on previous sheet
CR-M-8-SY +200		76.71	19.18	19.17	19.18	38.36	38.10	
CR-M-8-SY +270		35.58	8.90	8.90	8.90	17.79	17.44	
CR-M-8-SY -270		131.25						

* CR-L-4-SY +100 -01 = 36.62
 CR-L-4-SY +100 -02 = 36.63

** CR-M-0-SL-01 +100 -01 = 42.17
 * ~~CR-M-0-SL-02 +100~~
 CR-M-0-SL-01 +100 -02 = 42.15

CR-L-30	MLA	GROSS = 215.96 BAG = 2.23
	SPLP	GROSS = 427.92 BAG = 2.28
CR-L-8	MLA	GROSS = 223.03 BAG = 2.28
	SPLP	GROSS = 441.76 BAG = 2.27
CR-L-4	MLA	GROSS = 209.91 BAG = 2.26
	SPLP	GROSS = 415.54 BAG = 2.27
CR-M-4	MLA	GROSS = 257.95 BAG = 2.31
	SPLP	GROSS = 513.69 BAG = 5.12
CR-M-8	MLA	GROSS = 331.97 BAG = 5.03
	SPLP	GROSS = 627.42 BAG = 5.08

Multiplier		Split Goals		0.25		0.5		Notes:
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP		
		Est.	Actual	Est.	Actual	Est.	Actual	
		Split Goals		0.25		0.5		
Multiplier		0.25		0.25		0.5		Notes:
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP		
		Est.	Actual	Est.	Actual	Est.	Actual	
CR-M-30-SY +25	✓ 100.44		25.11 25.11		25.11 25.11		50.22 49.89	
CR-M-30-SY +50	✓ 371.53		92.88 92.89		92.88 92.94		185.77 185.43	
CR-M-30-SY +100-01	✓ 373.26		46.66 46.66		93.32 93.33		186.63 186.16	
CR-M-30-SY +100-02			46.66 46.66					
CR-M-30-SY +140	✓ 120.34		30.09 30.09		30.09 30.09		60.17 59.84	
CR-M-30-SY +200	✓ 79.47		19.87 19.87		19.87 19.90		39.74 39.13	
CR-M-30-SY +270	✓ 35.66		8.92 8.92		8.92 8.93		17.83 17.26	
CR-M-30-SY -270	171.24							
CR-H-0-SL-01 +25	✓ 83.60	N/A			N/A		N/A	
CR-H-0-SL-01 +50	✓ 139.19	N/A			N/A		N/A	
CR-H-0-SL-01 +100	✓ 92.25	N/A			N/A		N/A	
CR-H-0-SL-01 +140	✓ 21.13	N/A			N/A		N/A	
CR-H-0-SL-01 +200	✓ 14.87	N/A			N/A		N/A	
CR-H-0-SL-01 +270	✓ 9.19	N/A			N/A		N/A	
CR-H-0-SL-01 -270	71.97	N/A			N/A		N/A	
CR-H-4-SY +25	✓ 338.14		84.54 84.54		84.54 84.55		169.07 169.04	
CR-H-4-SY +50	✓ 688.11		172.03 172.04		172.03 172.04		344.06 343.92	
CR-H-4-SY +100	✓ 394.93		98.73 98.72		98.73 98.74		197.47 197.24	
CR-H-4-SY +140	✓ 74.24		18.56 18.56		18.56 18.56		37.12 36.61	
CR-H-4-SY +200	✓ 46.31		11.58 11.58		11.58 11.61		23.16 22.49	
CR-H-4-SY +270	✓ 24.31		6.08 6.08		6.08 6.09		12.16 11.63	
CR-H-4-SY -270	97.92							
CR-H-8-SY +25	✓ 380.46		95.12 95.13		95.12 95.12		190.23 190.25	
CR-H-8-SY +50-01	✓ 659.10		82.39 82.39		164.78 164.79		329.55 329.28	
CR-H-8-SY +50-02			82.39 82.38					
CR-H-8-SY +100	370.26 380.18	92.51 92.51	92.51 92.59	92.51 92.51	92.51 92.58	185.13 185.13	184.80 184.80	
CR-H-8-SY +140	✓ 71.97		17.99 18.00		17.99 18.05		35.99 35.32	
CR-H-8-SY +200	✓ 43.96		10.99 11.00		10.99 11.01		21.98 21.38	
CR-H-8-SY +270	✓ 24.09		6.02 6.02		6.02 6.02		12.05 11.38	
CR-H-8-SY -270	105.42							
CR-H-30-SY +25	✓ 148.99		37.25 37.25		37.25 37.25		74.50 74.47	
CR-H-30-SY +50	✓ 505.49		126.37 126.37		126.37 126.37		252.75 252.64	
CR-H-30-SY +100	✓ 368.61		92.15 92.15		92.15 92.16		184.31 184.06	
CR-H-30-SY +140	✓ 80.1		20.03 20.03		20.03 20.07		40.05 39.61	
CR-H-30-SY +200	✓ 50.68		12.67 12.67		12.67 12.67		25.34 24.93	
CR-H-30-SY +270	✓ 28.94		7.24 7.24		7.24 7.25		14.47 14.02	
CR-H-30-SY -270	167.47							
QV-L-0-SL-01 +25	✓ 52.3	N/A			N/A		N/A	
QV-L-0-SL-01 +50	✓ 89.67	N/A			N/A		N/A	
QV-L-0-SL-01 +100	✓ 102.86	N/A			N/A		N/A	
QV-L-0-SL-01 +140	✓ 30.44	N/A			N/A		N/A	
QV-L-0-SL-01 +200	✓ 15.33	N/A			N/A		N/A	
QV-L-0-SL-01 +270	✓ 8.67	N/A			N/A		N/A	
QV-L-0-SL-01 -270	✓ 68.72	N/A			N/A		N/A	
QV-L-4-SY +25	✓ 91.56		22.89 22.90		22.89 22.89		45.78 45.67	
QV-L-4-SY +50-01	✓ 344.46		43.06 43.06		86.12 86.12		172.23 171.60	
QV-L-4-SY +50-02			43.06 43.06					
QV-L-4-SY +100	✓ 361.9		90.48 90.47		90.48 90.49		180.95 180.75	
QV-L-4-SY +140	✓ 105.43		26.36 26.36		26.36 26.36		52.72 52.30	
QV-L-4-SY +200	✓ 49.6		12.40 12.40		12.40 12.40		24.80 24.96	
QV-L-4-SY +270	✓ 22.63		5.66 5.66		5.66 5.66		11.32 11.01	
QV-L-4-SY -270	117.17							

Need dupe on +50 and on SPLP (dup on SPLP ~391.51g)

Need dupe on +50 and
on SPLP (dup on SPLP
~391.51g)

not included

Combined Samples					
MLA	Mass [g]		SPLP	Mass [g]	
	Est.	Actual		Est.	Actual
CR-M-30-SY +25/+270	270.18	270.24	CR-M-30-SY +25/+270	540.35	537.61
CR-H-4-SY +25/+270	391.51	391.55	CR-H-4-SY +25/+270	783.02	783.85
CR-H-8-SY +25/+270	389.94	387.45	CR-H-8-SY +25/+270-01	389.94	380.24
	295.70		CR-H-8-SY +25/+270-02	389.94	383.75
CR-H-30-SY +25/+270	243.90	245.77	CR-H-30-SY +25/+270	591.41	589.73
QV-L-4-SY +25/+270	238.24	243.92	QV-L-4-SY +25/+270	487.79	485.81
	245.90				

		BAG	Full
CRH 4 Sy	MLA	2.55	394.10
	SPLP	2.54	783.39
CRH 8 Sy	MLA	2.81	389.6
CRH 30 Sy	MLA	2.48	298.24
	SPLP	2.43	592.09
QV-L-4	MLA	2.41	246.35
	SPLP	2.49	488.34

2017

P.H. 141
 H.W. 574
 W.O. 148
 P.H. 146
 P.H. 147
 P.H. 148

25.78
18.05
41.5P
10.05
10.05
25.1

25.78
18.45
21.01
50.00
70.10
345.1

70.24
 00.17
 21.08
 08.50
 02.41
 10.11

P8.54
 51.06
 P8.01
 45.44
 04.0
 33.0

07.14
 00.84
 20.84
 74.01
 02.01
 04.01
 01.01

+ 5 1 3 5 1 3 3 5 2 1

MLA	Combined Samples		Mass [g]
	Mass [g]	SPLP	
CR-L-4-SY +25/+270	207.68	CR-L-4-SY Combined +25/+270	415.36
CR-L-8-SY +25/+270	220.69	CR-L-8-SY Combined +25/+270	441.39
CR-L-30-SY +25/+270	213.166 255.27	CR-L-30-SY Combined +25/+270	427.32
CR-M-4-SY +25/+270	255.27	CR-M-4-SY Combined +25/+270	510.53
CR-M-8-SY +25/+270	326.81	CR-M-8-SY Combined +25/+270	653.61

Sampling Notes:

Disposable spoons cleaned for each size fract (x6)
 material mixed in bag by agitating solids back/forth
 sample bag opened, spoon sample transferred by spoon to
 tared bag/pan until reaching approx. goal mass for Metals/Re
 spoon kept w/ sample bag
 continued until all sample sizes weighed out for Metals/Re
 tared pan, weighed labeled bag for MLA
 followed email instruction to tare ~~between~~ between size fract & continued
 adding to the MLA bag until complete
 weighed "GROSS" MASS of MLA sample; bag
 tared pan, weighed SPLP labeled bag
 followed same instruction AS MLA but poured mat'l instead of
 spoon transfer
 Removed AS much mat'l AS possible from the bags (original bags)
 *Static claimed some sample permanently in bag/on spoon

Split Goals										Notes:	
Multiplier		0.25			0.25			0.5			
Sample ID	Original Mass [g]	Metals/Ra 226 Split		Est.	MLA		Est.	SPLP/TCLP			
		Est.	Actual		Est.	Actual		Est.	Actual		
CTS-L-0-SL-01 +25	✓ 6.88		N/A		N/A		N/A		N/A	MLA BAG 2.44 NET SPLP BAG 2.48 NET	
CTS-L-0-SL-01 +50	✓ 11.73		N/A		N/A		N/A		N/A		
CTS-L-0-SL-01 +100	✓ 32.09		N/A		N/A		N/A		N/A		
CTS-L-0-SL-01 +140	✓ 35.57		N/A		N/A		N/A		N/A		
CTS-L-0-SL-01 +200	✓ 43.80		N/A		N/A		N/A		N/A		
CTS-L-0-SL-01 +270	✓ 36.63		N/A		N/A		N/A		N/A		
CTS-L-0-SL-01 -270	✓ 143.58		N/A		N/A		N/A		N/A		
CTS-L-4-SY +25	✓ 30.01 30.35	7.50	7.59 7.80	7.50	7.59 7.59		15.18 15.88		15.88	x weights off - AM 10/22	
CTS-L-4-SY +50	✓ 91.34	22.84	22.83	22.84	22.85		45.67 45.88		45.88		
CTS-L-4-SY +100	✓ 168.80	42.20	42.21	42.20	42.21		84.40 84.64		84.64		
CTS-L-4-SY +140	✓ 128.76	32.19	32.19	32.19	32.19		64.38 64.24		64.24		
CTS-L-4-SY +200	167.28 197.98	41.82 49.50	41.97	41.82 49.50	41.85	53.11 100.99	82.45		82.45		
CTS-L-4-SY +270	147.76 121.46	36.19 30.29	36.12	36.19 30.29	36.30	72.38 60.58	71.49		71.49		
CTS-L-4-SY -270	596.34				149.09						
CTS-L-8-SY +25	✓ 8.29	2.07	2.06	2.07	2.07 6		4.15 4.15		4.15	MLA 2.43 SPLP 2.36	
CTS-L-8-SY +50	✓ 53.51	13.38	13.37	13.38	13.38		26.76 26.66		26.66		
CTS-L-8-SY +100	✓ 130.35	32.59	32.59	32.59	32.60		65.18 64.89		64.89		
CTS-L-8-SY +140	✓ 115.35	28.84	28.84	28.84	28.84		57.68 57.44		57.44		
CTS-L-8-SY +200	✓ 191.75	47.94	47.94	47.94	47.94		95.88 95.27		95.27		
CTS-L-8-SY +270	✓ 100.48	25.12	25.12	25.12	25.12		50.24 49.47		49.47		
CTS-L-8-SY -270	606.09				151.52						
CTS-L-30-SY +25	5.07	1.27	1.27 1.40	1.27	1.27		2.54 2.54		2.54	BAG MLA 2.36 SPLP 2.38 18.09	
CTS-L-30-SY +50	34.09	8.52	8.52	8.52	8.52		17.05 17.05		17.05		
CTS-L-30-SY +100-01	98.71	12.34	12.34	12.34	12.34		24.68 24.68		24.68		
CTS-L-30-SY +100-02		12.34	12.34								
CTS-L-30-SY +140	96.89	24.22	24.22	24.22	24.22		48.45 47.91		47.91		
CTS-L-30-SY +200	179.05	44.76	44.76	44.76	44.76		89.53 89.00		89.00		
CTS-L-30-SY +270	95.70	23.93	23.93	23.93	23.93		47.85 47.66		47.66		
CTS-L-30-SY -270	674.92										
CTS-M-0-SL-01 +25	✓ 8.34		N/A		N/A		N/A		N/A		
CTS-M-0-SL-01 +50	✓ 17.33		N/A		N/A		N/A		N/A		
CTS-M-0-SL-01 +100	✓ 38.48		N/A		N/A		N/A		N/A		
CTS-M-0-SL-01 +140	✓ 36.91		N/A		N/A		N/A		N/A		
CTS-M-0-SL-01 +200	✓ 48.80		N/A		N/A		N/A		N/A		
CTS-M-0-SL-01 +270	✓ 30.95		N/A		N/A		N/A		N/A		
CTS-M-0-SL-01 -270	✓ 155.64		N/A		N/A		N/A		N/A		
CTS-M-4-SY +25	✓ 12.65	3.16	3.16	3.16	3.16		6.33 6.33		6.33	* MLA BAG 2.41 SPLP BAG 2.43 6.67	
CTS-M-4-SY +50	✓ 69.90	17.48	17.48	17.48	17.48		34.95 34.83		34.83		
CTS-M-4-SY +100	✓ 152.68	38.17	38.16	38.17	38.18		76.34 76.15		76.15		
CTS-M-4-SY +140	✓ 125.77	31.44	31.44	31.44	31.43		62.89 62.44		62.44		
CTS-M-4-SY +200	✓ 165.18	41.30	41.30	41.30	41.32		82.59 81.96		81.96		
CTS-M-4-SY +270	✓ 95.28	23.82	23.83	23.82	23.83		47.64 47.01		47.01		
CTS-M-4-SY -270	548.47				137.12						
CTS-M-8-SY +25	✓ 12.05	3.01	3.02	3.01	3.01		6.03 6.03		6.03	* MLA BAG 2.39 SPLP BAG 2.37 6.25	
CTS-M-8-SY +50	✓ 58.21	14.55	14.55	14.55	14.57		29.11 29.16		29.16		
CTS-M-8-SY +100-01	✓ 148.67	18.58	18.58	18.58	18.58		37.17 37.17		37.17		
CTS-M-8-SY +100-02		18.58	18.58								
CTS-M-8-SY +140	✓ 117.18	29.30	29.31	29.30	29.30		58.59 58.26		58.26		
CTS-M-8-SY +200	✓ 160.10	40.03	40.04	40.03	40.03		80.05 79.20		79.20		
CTS-M-8-SY +270	✓ 96.28	24.07	24.08	24.07	24.06		48.14 47.48		47.48		
CTS-M-8-SY -270	574.77				143.69						

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CHECK

Split Goals									Notes:
Multiplier		0.25		0.25		0.5			
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP			
		Est.	Actual	Est.	Actual	Est.	Actual		
CTS-M-30-SY +25	✓	8.02	2.01 20.1	2.01	2.01	4.01	4.19	BAG MLA 2.44 SPLP 2.38	
CTS-M-30-SY +50	✓	53.12	13.28 13.28	13.28	13.28	26.56	26.66		
CTS-M-30-SY +100	✓	142.96	35.74 35.74	35.74	35.76	71.48	71.20		
CTS-M-30-SY +140	✓	108.97	27.24 27.23	27.24	27.25	54.49	53.94		
CTS-M-30-SY +200	✓	170.72	42.68 42.68	42.68	42.68	85.36	84.60		
CTS-M-30-SY +270	✓	83.04	20.76 20.75	20.76	20.77	41.52	40.80		
CTS-M-30-SY -270		315.25							
CTS-H-0-SL-01 +25	✓	8.76	N/A	N/A		N/A			
CTS-H-0-SL-01 +50	✓	13.34	N/A	N/A		N/A			
CTS-H-0-SL-01 +100	✓	36.25	N/A	N/A		N/A			
CTS-H-0-SL-01 +140	✓	36.46	N/A	N/A		N/A			
CTS-H-0-SL-01 +200	✓	59.96	N/A	N/A		N/A			
CTS-H-0-SL-01 +270	✓	40.03	N/A	N/A		N/A			
CTS-H-0-SL-01 -270	✓	199.00	N/A	N/A		N/A		BAG	
CTS-H-4-SY +25	✓	8.27	2.07 2.07	2.07	2.06	4.14	4.01	MLA 2.44	
CTS-H-4-SY +50	✓	47.23	11.81 11.82	11.81	11.83	23.62	23.53	SPLP 2.34	
CTS-H-4-SY +100-01	✓	143.05	17.88 17.87	35.76	35.77	71.53	71.02		
CTS-H-4-SY +100-02	X		17.88 17.88						
CTS-H-4-SY +140	✓	128.34	32.09 32.10	32.09	32.09	64.17	63.38		
CTS-H-4-SY +200	✓	215.36	53.84 53.85	53.84	53.86	107.68	106.82		
CTS-H-4-SY +270	✓	86.23	21.56 21.57	21.56	21.56	43.12	42.39		
CTS-H-4-SY -270		-293.04		73.26					
CTS-H-8-SY +25	✓	9.27	2.32 2.32	2.32	2.33	4.64	4.69	MLA 2.44	
CTS-H-8-SY +50	✓	55.57	13.89 13.89	13.89	13.90	27.79	27.36	SPLP 2.34	
CTS-H-8-SY +100	✓	146.01	36.50 36.49	36.50	36.50	73.01	72.40		
CTS-H-8-SY +140	✓	135.52	33.88 33.89	33.88	33.88	67.76	66.87		
CTS-H-8-SY +200	✓	235.34	58.84 58.84	58.84	58.84	117.67	116.97		
CTS-H-8-SY +270	✓	103.73	25.93 25.93	25.93	25.93	51.87	50.84		
CTS-H-8-SY -270		-0.00		0.00					
CTS-H-30-SY +25	✓	5.31	1.33 1.34	1.33	1.33	2.66	2.13	MLA 2.34	
CTS-H-30-SY +50	✓	51.36	12.84 12.84	12.84	12.85	25.68	25.05	SPLP 2.37	
CTS-H-30-SY +100-01	✓	132.14	16.52 16.53	33.04	33.04	66.07	65.23		
CTS-H-30-SY +100-02			16.52 16.52						
CTS-H-30-SY +140	✓	124.22	31.06 31.06	31.06	31.06	62.11	61.35		
CTS-H-30-SY +200	✓	142.59	35.65 35.64	35.65	35.65	71.30	70.33		
CTS-H-30-SY +270		151.28	37.82 37.82	37.82	37.81	75.64	74.54		
CTS-H-30-SY -270		-0.00							

Combined Samples						
MLA	Mass [g]		SPLP	Mass [g]		
	Est.	Actual		Est.	Actual	
CTS-L-4-SY +25/+270	184.51	104.84	CTS-L-4-SY +25/+270	369.03	209.94	
CTS-L-8-SY +25/+270	149.93	152.35	CTS-L-8-SY +25/+270	299.87	300.14	
CTS-L-30-SY +25/+270	127.38	129.75	CTS-L-30-SY +25/+270	254.76	254.83	
CTS-M-4-SY +25/+270	155.37	157.67	CTS-M-4-SY +25/+270	310.73	311.39	
CTS-M-8-SY +25/+270	148.12	150.51	CTS-M-8-SY +25/+270	296.25	296.66	
CTS-M-30-SY +25/+270	141.71	144.23	CTS-M-30-SY +25/+270	283.42	283.44	
CTS-H-4-SY +25/+270	157.12	159.61	CTS-H-4-SY +25/+270	314.24	313.46	
CTS-H-8-SY +25/+270	171.36	173.77	CTS-H-8-SY +25/+270	342.72	340.85	
CTS-H-30-SY +25/+270	151.73	154.14	CTS-H-30-SY +25/+270	303.45	300.98	

Split Goals								Notes:
Multiplier		0.25		0.25		0.5		
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP		
		Est.	Actual	Est.	Actual	Est.	Actual	
Split Goals								Notes:
Multiplier		0.25		0.25		0.5		
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP		
		Est.	Actual	Est.	Actual	Est.	Actual	
QV-L-8-SY +25	✓ 150.49	37.62	37.62	37.62	37.59	75.25	75.26	
QV-L-8-SY +50	✓ 477.05	119.26	119.26	119.26	119.27	238.53	238.15	
QV-L-8-SY +100	✓ 479.74	119.94	119.94	119.94	119.93	239.87	239.34	
QV-L-8-SY +140	✓ 132.76	33.19	32.19	33.19	33.19	66.38	65.46	
QV-L-8-SY +200	✓ 61.84	15.46	15.46	15.46	15.46	30.92	30.34	
QV-L-8-SY +270	✓ 30.10	7.53	7.53	7.53	7.52	15.05	14.26	
QV-L-8-SY -270	141.64							
QV-L-30-SY +25	120.26	30.07	30.09	30.07	30.12	60.13	60.09	AM 10/08
QV-L-30-SY +50	421.12	105.28	105.42	105.28	105.29	210.56	210.04	
QV-L-30-SY +100	470.74	117.69	117.69	117.69	117.72	235.37	234.71	
QV-L-30-SY +140	136.49	34.12	34.22	34.12	34.14	68.25	68.07	
QV-L-30-SY +200	67.02	16.76	16.76	16.76	16.75	33.51	31.96	
QV-L-30-SY +270	31.15	7.79	7.79	7.79	7.79	15.58	15.05	
QV-L-30-SY -270	181.25							
QV-M-4-SY +25	325.43	81.36	81.35	81.36	81.44	162.72	162.70	AM 10/09
QV-M-4-SY +50	598.34	149.59	149.59	149.59	149.60	299.17	299.45	Enfield notes for
QV-M-4-SY +100-01	425.92	53.24	53.23	106.48	106.47	212.96	212.21	
QV-M-4-SY +100-02		53.24	53.25					
QV-M-4-SY +140	93.37	23.34	23.34	23.34	23.35	46.69	46.06	
QV-M-4-SY +200	44.34	11.09	11.09	11.09	11.08	22.17	21.66	
QV-M-4-SY +270	23.55	5.89	5.88	5.89	5.87	11.78	11.15	
QV-M-4-SY -270	66.40							
QV-M-0-SL-01 +25	56.49	N/A	44.12	N/A	44.12	N/A	28.25	AM 10/08
QV-M-0-SL-01 +50	114.89	N/A	28.72	N/A	28.72	N/A	57.45	
QV-M-0-SL-01 +100	87.26	N/A	21.82	N/A	21.82	N/A	43.63	
QV-M-0-SL-01 +140	25.76	N/A	6.44	N/A	6.44	N/A	12.88	
QV-M-0-SL-01 +200	12.46	N/A	3.12	N/A	3.12	N/A	6.23	
QV-M-0-SL-01 +270	8.06	N/A	2.02	N/A	2.02	N/A	4.03	
QV-M-0-SL-01 -270	74.87	N/A	18.72	N/A	18.72	N/A	37.44	
QV-M-8-SY +25	259.71	64.93	64.92	64.93	64.95	129.86	129.43	AM 10/8
QV-M-8-SY +50	629.30	157.33	157.33	157.33	157.32	314.65	314.56	
QV-M-8-SY +100	462.53	115.63	115.67	115.63	115.61	231.27	231.21	
QV-M-8-SY +140	100.91	25.23	25.22	25.23	25.23	50.46	50.20	
QV-M-8-SY +200	49.39	12.35	12.35	12.35	12.35	24.70	24.28	
QV-M-8-SY +270	24.85	6.21	6.22	6.21	6.22	12.43	11.96	
QV-M-8-SY -270	78.60							
QV-M-30-SY +25	167.69	41.92	41.91	41.92	42.05	83.85	83.77	AM 10/08
QV-M-30-SY +50	522.93	130.73	130.72	130.73	130.83	261.47	261.02	
QV-M-30-SY +100-01	426.85	53.36	53.37	106.71	106.72	213.43	212.91	
QV-M-30-SY +100-02		53.36	53.36					
QV-M-30-SY +140	105.43	26.36	26.36	26.36	26.36	52.72	52.30	
QV-M-30-SY +200	54.70	13.68	13.68	13.68	13.69	27.35	26.82	
QV-M-30-SY +270	28.62	7.16	7.21	7.16	7.16	14.31	13.82	
QV-M-30-SY -270	124.50							
QV-H-4-SY +25	905.65	328.33	328.33	101.41	101.41	202.82	202.57	AM, 10/09
QV-H-4-SY +50	898.07	733.63	733.63	224.51	224.51	449.02	448.48	
QV-H-4-SY +100	591.43	487.48	487.48	147.85	147.85	295.70	295.24	
QV-H-4-SY +140	121.57	400.31	400.31	30.38	30.38	60.79	60.61	
QV-H-4-SY +200	58.00	47.87	47.87	14.50	14.50	29.00	28.54	
QV-H-4-SY +270	26.60	22.34	22.34	6.65	6.65	13.30	12.93	
QV-H-4-SY -270	73.22							

Error in original sheet 10/09 AH

Combined Samples							
MLA	Mass [g]			SPLP	Mass [g]		
	Est.	Actual			Est.	Actual	
QV-L-8-SY +25/+270	333.00	332.96	0.00	QV-L-8-SY +25/+270	665.99	662.81	
QV-L-30-SY +25/+270	311.70	311.81	0.00	QV-L-30-SY +25/+270	623.39	619.92	
QV-M-4-SY +25/+270	377.74	377.81	0.00	QV-M-4-SY +25/+270	755.48	753.70	
QV-M-8-SY +25/+270	381.67	381.69	0.00	QV-M-8-SY +25/+270	763.35	759.64	
QV-M-30-SY +25/+270	326.56	326.81	0.00	QV-M-30-SY +25/+270	653.11	650.64	
QV-H-4-SY +25/+270	429.99	525.48	0.00	QV-H-4-SY +25/+270	859.98	1048.37	
QV-H-8-SY +25/+270	412.20	507.44	0.00	QV-H-8-SY +25/+270	824.53	1012.12	
QV-H-30-SY +25/+270	415.86	415.85	0.00	QV-H-30-SY +25/+270	831.72	829.32	

AH 10/09

Goal
 MLA
 525.33
 507.44
 SPLP
 1050.66
 1014.89

Multiplier		Split Goals		0.25		0.5		Notes:
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP		
		Est.	Actual	Est.	Actual	Est.	Actual	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
QV-H-0-SL-01 +25	57.53	N/A		N/A		N/A		
QV-H-0-SL-01 +50	109.53	N/A		N/A		N/A		
QV-H-0-SL-01 +100	98.59	N/A		N/A		N/A		
QV-H-0-SL-01 +140	24.54	N/A		N/A		N/A		
QV-H-0-SL-01 +200	12.01	N/A		N/A		N/A		
QV-H-0-SL-01 +270	7.35	N/A		N/A		N/A		
QV-H-0-SL-01 -270	72.37	N/A		N/A		N/A		
QV-H-8-SY +25	291.91	72.98	72.98	72.98	72.98	145.96	—	
QV-H-8-SY +50	705.19	176.30	176.31	176.30	176.31	352.60	—	
QV-H-8-SY +100	479.58	119.90	119.92	119.90	119.91	239.79	—	
QV-H-8-SY +140	101.95	25.49	25.48	25.49	25.50	50.98	—	
QV-H-8-SY +200	47.15	11.79	11.79	11.79	11.80	23.58	—	
QV-H-8-SY +270	23.27	5.82	5.82	5.82	5.82	11.64	—	
QV-H-8-SY -270	84.09							
QV-H-30-SY +25	247.12	61.78	61.80	61.78	61.78	123.56	123.67	AM, 10/09
QV-H-30-SY +50	661.94	165.49	165.49	165.49	165.48	330.97	330.59	
QV-H-30-SY +100-01	527.33	65.92	65.97	131.83	131.83	263.67	262.98	
QV-H-30-SY +100-02		65.92	65.97					
QV-H-30-SY +140	130.85	32.71	32.71	32.71	32.70	65.43	65.04	
QV-H-30-SY +200	65.24	16.31	16.32	16.31	16.31	32.62	32.12	
QV-H-30-SY +270	30.95	7.74	7.74	7.74	7.75	15.48	14.94	
QV-H-30-SY -270	144.96							

		Split Goals					
Multiplier		0.25		0.25		0.5	
Sample ID	Original Mass [g]	Metals/Ra 226 Split		MLA		SPLP/TCLP	
		Est.	Actual	Est.	Actual	Est.	Actual
QV-H-8-SY +25	339.73	84.93	84.94	84.93	84.93	169.87	169.21
QV-H-8-SY +50	867.23	216.81	216.80	216.81	216.83	433.62	433.21
QV-H-8-SY +100	605.60	151.40	151.40	151.40	151.39	302.80	302.26
QV-H-8-SY +140	128.16	32.04	32.08	32.04	32.03	64.08	55.67
QV-H-8-SY +200	60.22	15.06	15.06	15.06	15.06	30.11	37.91
QV-H-8-SY +270	28.83	7.21	7.21	7.21	7.20	14.42	13.86
QV-H-8-SY -270	96.03						

10/09
AM

Possible
logging
error

QV-H-8-SY

Metals/Ra226

	Original	Tared Goal	Tared Actual
+25	72.98	11.95	11.96
+50	176.31	40.50	40.49
+100	119.92	31.48	31.48
+140	25.48	6.56	6.60
+200	11.79	3.27	3.27
+270	5.82	1.39	1.39

MLA

	Original	Tared Goal	Tared Actual
	72.98	11.95	11.95
	176.31	40.50	40.52
	119.91	31.49	31.48
	25.50	6.54	6.53
	11.80	3.26	3.26
	5.82	1.39	1.38