

Pierce County Refuse G-98
Commodity Credit Calculation
Rate Effective March 1, 2018

	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Annual Total
Tonnages													
Newspaper	262.05	277.89	225.12	283.45	237.58	253.52	268.07	254.55	292.80	257.84	236.60	255.42	3,104.88
Cardboard	308.78	327.44	265.27	334.00	279.94	298.73	315.87	299.94	345.01	303.82	278.79	300.96	3,658.55
Mixed Paper	229.07	242.91	196.79	247.78	207.67	221.61	234.33	222.51	255.94	225.39	206.82	223.27	2,714.06
PET	32.99	34.98	28.34	35.68	29.90	31.91	33.74	32.04	36.86	32.46	29.78	32.15	390.82
HDPE	8.25	8.74	7.08	8.92	7.48	7.98	8.44	8.01	9.21	8.11	7.45	8.04	97.71
Nat'l	12.83	13.60	11.02	13.88	11.63	12.41	13.12	12.46	14.33	12.62	11.58	12.50	151.99
#3-7	4.58	4.86	3.94	4.96	4.15	4.43	4.69	4.45	5.12	4.51	4.14	4.47	54.28
Aluminum	11.91	12.63	10.23	12.88	10.80	11.52	12.18	11.57	13.31	11.72	10.75	11.61	141.13
Tin	27.49	29.15	23.61	29.73	24.92	26.59	28.12	26.70	30.71	27.05	24.82	26.79	325.69
Garbage	18.33	19.43	15.74	19.82	16.61	17.73	18.75	17.80	20.48	18.03	16.55	17.86	217.12
Total	916.26	971.63	787.15	991.10	830.69	886.43	937.30	890.02	1,023.77	901.54	827.27	893.07	10,856.23

Price per Ton (Per Pioneer Invoice)

Newspaper	\$ 54.34	\$ 61.34	\$ 68.34	\$ 75.34	\$ 4.34	\$ 9.34	\$ 27.34	\$ 44.34	\$ 29.34	\$ 11.34	\$ (16.66)	\$ 3.34
Cardboard	\$ 70.34	\$ 81.34	\$ 91.34	\$ 121.34	\$ 84.34	\$ 94.34	\$ 134.34	\$ 139.34	\$ 124.34	\$ 94.34	\$ 24.34	\$ 58.34
Mixed Paper	\$ 44.34	\$ 51.34	\$ 54.34	\$ 62.34	\$ (5.66)	\$ (0.66)	\$ 19.34	\$ 39.34	\$ 24.34	\$ 4.34	\$ (20.66)	\$ (35.66)
PET	\$ 89.34	\$ 99.34	\$ 119.34	\$ 159.34	\$ 174.34	\$ 184.34	\$ 199.34	\$ 144.34	\$ 144.34	\$ 139.34	\$ 84.34	\$ 24.34
HDPE	\$ 184.34	\$ 184.34	\$ 204.34	\$ 244.34	\$ 324.34	\$ 184.34	\$ 184.34	\$ 184.34	\$ 184.34	\$ 154.34	\$ 184.34	\$ 244.34
Nat'l	\$ 364.34	\$ 424.34	\$ 444.34	\$ 524.34	\$ 524.34	\$ 494.34	\$ 484.34	\$ 414.34	\$ 384.34	\$ 384.34	\$ 419.34	\$ 524.34
#3-7	\$ (90.66)	\$ (105.66)	\$ (105.66)	\$ (150.66)	\$ (160.66)	\$ (160.66)	\$ (165.66)	\$ (165.66)	\$ (165.66)	\$ (175.66)	\$ (175.66)	\$ (180.66)
Aluminum	\$ 1,164.34	\$ 1,164.34	\$ 1,264.34	\$ 1,304.34	\$ 1,324.34	\$ 1,284.34	\$ 1,184.34	\$ 1,214.34	\$ 1,184.34	\$ 1,244.34	\$ 1,289.34	\$ 1,254.34
Tin	\$ 47.34	\$ 62.34	\$ 62.34	\$ 82.34	\$ 67.34	\$ 57.34	\$ 47.34	\$ 47.34	\$ 62.34	\$ 84.34	\$ 69.34	\$ 69.34
Garbage	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)	\$ (220.66)

Revenue													
Newspaper	\$ 14,240	\$ 17,046	\$ 15,385	\$ 21,355	\$ 1,031	\$ 2,368	\$ 7,329	\$ 11,287	\$ 8,591	\$ 2,924	\$ (3,942)	\$ 853	\$ 98,466
Cardboard	\$ 21,720	\$ 26,634	\$ 24,230	\$ 40,528	\$ 23,610	\$ 28,182	\$ 42,434	\$ 41,793	\$ 42,899	\$ 28,662	\$ 6,786	\$ 17,558	\$ 345,035
Mixed Paper	\$ 10,157	\$ 12,471	\$ 10,693	\$ 15,446	\$ (1,175)	\$ (146)	\$ 4,532	\$ 8,753	\$ 6,230	\$ 978	\$ (4,273)	\$ (7,962)	\$ 55,704
PET	\$ 2,947	\$ 3,475	\$ 3,382	\$ 5,685	\$ 5,214	\$ 5,883	\$ 6,726	\$ 4,625	\$ 5,320	\$ 4,522	\$ 2,512	\$ 783	\$ 51,072
HDPE	\$ 1,520	\$ 1,612	\$ 1,448	\$ 2,179	\$ 2,425	\$ 1,471	\$ 1,555	\$ 1,477	\$ 1,698	\$ 1,252	\$ 1,372	\$ 1,964	\$ 19,974
Nat'l	\$ 4,674	\$ 5,772	\$ 4,897	\$ 7,275	\$ 6,098	\$ 6,135	\$ 6,356	\$ 5,163	\$ 5,509	\$ 4,851	\$ 4,857	\$ 6,556	\$ 68,141
#3-7	\$ (415)	\$ (513)	\$ (416)	\$ (747)	\$ (667)	\$ (712)	\$ (776)	\$ (737)	\$ (848)	\$ (792)	\$ (727)	\$ (807)	\$ (8,157)
Aluminum	\$ 13,869	\$ 14,707	\$ 12,938	\$ 16,806	\$ 14,302	\$ 14,800	\$ 14,431	\$ 14,050	\$ 15,762	\$ 14,584	\$ 13,866	\$ 14,563	\$ 174,677
Tin	\$ 1,301	\$ 1,817	\$ 1,472	\$ 2,448	\$ 1,678	\$ 1,525	\$ 1,331	\$ 1,264	\$ 1,915	\$ 2,281	\$ 1,721	\$ 1,858	\$ 20,611
Total Revenue	\$ 70,012	\$ 83,020	\$ 74,028	\$ 110,977	\$ 52,515	\$ 59,504	\$ 83,918	\$ 87,674	\$ 87,075	\$ 59,263	\$ 22,173	\$ 35,366	\$ 825,524
Contamination	\$ (4,044)	\$ (4,288)	\$ (3,474)	\$ (4,374)	\$ (3,666)	\$ (3,912)	\$ (4,136)	\$ (3,928)	\$ (4,518)	\$ (3,979)	\$ (3,651)	\$ (3,941)	\$ (47,911)
Total	\$ 65,968	\$ 78,732	\$ 70,555	\$ 106,603	\$ 48,849	\$ 55,592	\$ 79,781	\$ 83,746	\$ 82,557	\$ 55,284	\$ 18,522	\$ 31,424	\$ 777,613

Monthly Customers													
Monthly Customers	50,008	50,233	50,376	50,553	50,758	51,009	50,998	51,116	51,314	51,277	51,472	51,508	610,623
Earned Revenue	\$ 1.32	\$ 1.57	\$ 1.40	\$ 2.11	\$ 0.96	\$ 1.09	\$ 1.56	\$ 1.64	\$ 1.61	\$ 1.08	\$ 0.36	\$ 0.61	
Projected Rate	\$ 0.92	\$ 0.92	\$ 0.92	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	\$ 0.88	
Projected Revenue	\$ 46,008	\$ 46,214	\$ 46,346	\$ 44,487	\$ 44,667	\$ 44,888	\$ 44,878	\$ 44,982	\$ 45,156	\$ 45,124	\$ 45,295	\$ 45,327	\$ 543,373
Over/(Under) Paid	\$ (19,960.20)	\$ (32,517.75)	\$ (24,209.03)	\$ (62,115.67)	\$ (4,181.33)	\$ (10,704.66)	\$ (34,902.72)	\$ (38,764.61)	\$ (37,400.43)	\$ (10,160.56)	\$ 26,773.40	\$ 13,902.99	\$ (234,240.57)

Actual Test Year (Next Year Projection): (0.14)
Catchup at current customer count: 0.38
New Credit: 0.24
Old Credit: 0.74
Difference: (0.50)
Revenue Impact: \$305,311

Current Credit on Customer's Invoice: 0.74
As of March 1, 2018 a Credit on Customer's Invoice: 0.24
Difference: (0.50)

Increase/(Decrease): -67.57%

6-Month Projection at Net Price per Ton

Dec-17	
Tonnages	
Newspaper	265.41
Cardboard	312.74
Mixed Paper	232.00
PET	33.41
HDPE	8.35
Nat'l	12.99
#3-7	4.64
Aluminum	12.06
Tin	27.84
Garbage	18.56
Total	928.00

Dec 2017 Customers 51,577

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Prices (From Pioneer Invoice)						
Newspaper	\$ (0.66)	\$ (15.66)	\$ (33.66)	\$ (61.66)	\$ (41.66)	\$ (32.83)
Cardboard	\$ 94.34	\$ 79.34	\$ 49.34	\$ (20.66)	\$ 13.34	\$ 22.17
Mixed Paper	\$ (5.66)	\$ (20.66)	\$ (40.66)	\$ (65.66)	\$ (80.66)	\$ (112.83)
PET	\$ 99.34	\$ 99.34	\$ 94.34	\$ 39.34	\$ (20.66)	\$ (27.83)
HDPE	\$ 139.34	\$ 139.34	\$ 109.34	\$ 139.34	\$ 199.34	\$ 157.17
Nat'l	\$ 369.34	\$ 339.34	\$ 339.34	\$ 374.34	\$ 479.34	\$ 487.17
#3-7	\$ (210.66)	\$ (210.66)	\$ (220.66)	\$ (220.66)	\$ (225.66)	\$ (202.83)
Aluminum	\$ 1,169.34	\$ 1,139.34	\$ 1,199.34	\$ 1,244.34	\$ 1,209.34	\$ 1,237.17
Tin	\$ 2.34	\$ 17.34	\$ 39.34	\$ 24.34	\$ 24.34	\$ 37.17
Garbage	\$ (265.66)	\$ (265.66)	\$ (265.66)	\$ (265.66)	\$ (265.66)	\$ (267.83)

Revenue						
Newspaper	\$ (193)	\$ (4,038)	\$ (7,964)	\$ (15,749)	\$ (129,349)	\$ (8,713) \$ (166,007)
Cardboard	\$ 32,548	\$ 24,105	\$ 13,755	\$ (6,218)	\$ 48,805	\$ 6,933 \$ 119,929
Mixed Paper	\$ (1,449)	\$ (4,656)	\$ (8,409)	\$ (14,660)	\$ (218,916)	\$ (26,177) \$ (274,266)
PET	\$ 3,661	\$ 3,224	\$ 2,810	\$ 1,265	\$ (8,074)	\$ (930) \$ 1,956
HDPE	\$ 1,284	\$ 1,131	\$ 814	\$ 1,120	\$ 19,477	\$ 1,313 \$ 25,138
Nat'l	\$ 5,294	\$ 4,283	\$ 3,930	\$ 4,680	\$ 72,854	\$ 6,329 \$ 97,370
#3-7	\$ (1,078)	\$ (950)	\$ (913)	\$ (985)	\$ (12,249)	\$ (941) \$ (17,116)
Aluminum	\$ 15,563	\$ 13,353	\$ 12,898	\$ 14,447	\$ 170,675	\$ 14,925 \$ 241,861
Tin	\$ 72	\$ 469	\$ 976	\$ 652	\$ 7,927	\$ 1,035 \$ 11,131
Total Revenue	\$ 55,701	\$ 36,921	\$ 17,898	\$ (15,448)	\$ (48,851)	\$ (6,225) \$ 39,996
Contamination	\$ (5,439)	\$ (4,790)	\$ (4,395)	\$ (4,745)	\$ (57,681)	\$ (4,971) \$ (82,022)
Total	\$ 50,262	\$ 32,131	\$ 13,503	\$ (20,193)	\$ (106,532)	\$ (11,196) \$ (42,026)