

Alteratives Summary	Cost of Solid Waste Handling		
	First Year (2007) Base Cost [\$/ton]	Second Year (2008) Base Cost [\$/ton]	20-year annual Average [\$/ton]
Base (2007) Current Charges - Basis for Comparison	\$ 96.75	\$ 99.65	\$ 132.12
Alternative 1a Truck excess waste to Odessa	\$ 96.75	\$ 98.44	\$ 134.75
Alternative 1b Truck excess waste to El Paso	\$ 96.75	\$ 98.48	\$ 139.05
Alternative 2a Implement aggressive recycling program	\$ 122.22	\$ 123.93	\$ 146.96
Alternative 2b Implement aggressive recycling program (consider landfill space saved)	\$ 107.82	\$ 109.15	\$ 126.22
Alternative 3a Build a transfer station and truck all waste to Odessa	\$ 218.27	\$ 222.38	\$ 273.54
Alternative 3b Build a transfer station and truck all waste to El Paso	\$ 241.23	\$ 246.03	\$ 305.31
Alternative 4 Convert the existing landfill to a Type 1	\$ 242.49	\$ 242.21	\$ 252.04
Alternative 5 Construct a new Type IV AE landfill	\$ 167.43	\$ 169.15	\$ 194.63

Base Costs - What the City of Alpine is already doing and paying for.						
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Tonnage to be Disposed [ton]	Portion of Stream from Alpine [ton]	Annual Cost of Solid Waste [\$]	Base Cost [\$/ton]
2007	1.38%	3%	14411	10563	\$ 1,022,001.00	\$ 96.75
2008	1.38%	3%	14610	10709	\$ 1,052,661.03	\$ 99.65
2009	1.38%	3%	14811	10857	\$ 1,084,240.86	\$ 102.64
2010	1.38%	3%	15016	11007	\$ 1,116,768.09	\$ 105.72
2011	0.92%	3%	15154	11108	\$ 1,150,271.13	\$ 108.89
2012	0.92%	3%	15293	11210	\$ 1,184,779.26	\$ 112.16
2013	0.92%	3%	15434	11313	\$ 1,220,322.64	\$ 115.53
2014	0.92%	3%	15576	11417	\$ 1,256,932.32	\$ 118.99
2015	0.92%	3%	15719	11522	\$ 1,294,640.29	\$ 122.56
2016	0.92%	3%	15864	11628	\$ 1,333,479.50	\$ 126.24
2017	0.92%	3%	16010	11735	\$ 1,373,483.88	\$ 130.02
2018	0.92%	3%	16157	11843	\$ 1,414,688.40	\$ 133.93
2019	0.92%	3%	16306	11952	\$ 1,457,129.05	\$ 137.94
2020	0.92%	3%	16456	12062	\$ 1,500,842.92	\$ 142.08
2021	0.72%	3%	16574	12149	\$ 1,545,868.21	\$ 146.34
2022	0.72%	3%	16694	12237	\$ 1,592,244.26	\$ 150.73
2023	0.72%	3%	16814	12325	\$ 1,640,011.59	\$ 155.26
2024	0.72%	3%	16935	12413	\$ 1,689,211.93	\$ 159.91
2025	0.72%	3%	17057	12503	\$ 1,739,888.29	\$ 164.71
2026	0.72%	3%	17180	12593	\$ 1,792,084.94	\$ 169.65
2027	0.72%	3%	17303	12683	\$ 1,845,847.49	\$ 174.74
20-year average						\$ 132.12

Alternative 1a - Truck Excess to Odessa													
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Tonnage to be Disposed [ton]	Alpine Portion of Disposal [ton]	Allowable Tonnage in Landfill [ton]	Excess Tonnage [ton]	Allowable Weight per Truck [ton]	Extra # of Trips to Landfill [trip]	Additional Miles to Odessa [miles]	Fuel Cost [\$ / gal]	Truck Fuel Mileage [miles / gal]	Fuel Cost [\$ / mile]	O&M Personnel Cost [\$ / mile]
2007	1.38%	3%	14411	10563	14600	-	9.25	-	-	\$ 4.50	6	\$ 0.75	\$ 1.34
2008	1.38%	3%	14610	10709	14600	9.8718	9.25	2	572	\$ 4.64	6	\$ 0.77	\$ 1.38
2009	1.38%	3%	14811	10857	14600	211.488	9.25	23	6578	\$ 4.77	6	\$ 0.80	\$ 1.43
2010	1.38%	3%	15016	11007	14600	415.887	9.25	45	12870	\$ 4.92	6	\$ 0.82	\$ 1.47
2011	0.92%	3%	15154	11108	14600	554.033	9.25	60	17160	\$ 5.06	6	\$ 0.84	\$ 1.51
2012	0.92%	3%	15293	11210	14600	693.45	9.25	75	21450	\$ 5.22	6	\$ 0.87	\$ 1.56
2013	0.92%	3%	15434	11313	14600	834.15	9.25	91	26026	\$ 5.37	6	\$ 0.90	\$ 1.60
2014	0.92%	3%	15576	11417	14600	976.144	9.25	106	30316	\$ 5.53	6	\$ 0.92	\$ 1.65
2015	0.92%	3%	15719	11522	14600	1119.44	9.25	122	34892	\$ 5.70	6	\$ 0.95	\$ 1.70
2016	0.92%	3%	15864	11628	14600	1264.06	9.25	137	39182	\$ 5.87	6	\$ 0.98	\$ 1.75
2017	0.92%	3%	16010	11735	14600	1410.01	9.25	153	43758	\$ 6.05	6	\$ 1.01	\$ 1.81
2018	0.92%	3%	16157	11843	14600	1557.3	9.25	169	48334	\$ 6.23	6	\$ 1.04	\$ 1.86
2019	0.92%	3%	16306	11952	14600	1705.95	9.25	185	52910	\$ 6.42	6	\$ 1.07	\$ 1.92
2020	0.92%	3%	16456	12062	14600	1855.97	9.25	201	57486	\$ 6.61	6	\$ 1.10	\$ 1.97
2021	0.72%	3%	16574	12149	14600	1974.45	9.25	214	61204	\$ 6.81	6	\$ 1.13	\$ 2.03
2022	0.72%	3%	16694	12237	14600	2093.79	9.25	227	64922	\$ 7.01	6	\$ 1.17	\$ 2.09
2023	0.72%	3%	16814	12325	14600	2213.98	9.25	240	68640	\$ 7.22	6	\$ 1.20	\$ 2.16
2024	0.72%	3%	16935	12413	14600	2335.04	9.25	253	72358	\$ 7.44	6	\$ 1.24	\$ 2.22
2025	0.72%	3%	17057	12503	14600	2456.97	9.25	266	76076	\$ 7.66	6	\$ 1.28	\$ 2.29
2026	0.72%	3%	17180	12593	14600	2579.78	9.25	279	79794	\$ 7.89	6	\$ 1.32	\$ 2.36
2027	0.72%	3%	17303	12683	14600	2703.48	9.25	293	83798	\$ 8.13	6	\$ 1.35	\$ 2.43

Alternative 1a - Truck Excess to Odessa					Cost to	Cost for	Total	Total
Year	Additional Transport Charge	Tip Fee	Tip Charge	Additional Trans + Tip Cost	Transport & Dispose of Excess	Base Collection	Cost	Cost
	[\$]	[\$/ton]	[\$]	[\$]	[\$/ton]	[\$]	[\$]	[\$/ton]
2007	-	\$ 30.00	-	-	-	\$ 1,022,001.00	\$ 1,022,001.00	\$ 96.75
2008	\$ 1,233.31	\$ 30.90	\$ 305.04	\$ 1,538.35	\$ 155.83	\$ 1,052,661.03	\$ 1,054,199.38	\$ 98.44
2009	\$ 14,608.54	\$ 31.83	\$ 6,731.03	\$ 21,339.57	\$ 100.90	\$ 1,084,240.86	\$ 1,105,580.43	\$ 101.83
2010	\$ 29,439.38	\$ 32.78	\$ 13,633.51	\$ 43,072.89	\$ 103.57	\$ 1,116,768.09	\$ 1,159,840.98	\$ 105.38
2011	\$ 40,430.08	\$ 33.77	\$ 18,707.06	\$ 59,137.14	\$ 106.74	\$ 1,150,271.13	\$ 1,209,408.27	\$ 108.88
2012	\$ 52,053.72	\$ 34.78	\$ 24,116.95	\$ 76,170.68	\$ 109.84	\$ 1,184,779.26	\$ 1,260,949.94	\$ 112.48
2013	\$ 65,053.27	\$ 35.82	\$ 29,880.55	\$ 94,933.82	\$ 113.81	\$ 1,220,322.64	\$ 1,315,256.46	\$ 116.26
2014	\$ 78,049.63	\$ 36.90	\$ 36,016.01	\$ 114,065.64	\$ 116.85	\$ 1,256,932.32	\$ 1,370,997.96	\$ 120.08
2015	\$ 92,525.63	\$ 38.00	\$ 42,542.35	\$ 135,067.98	\$ 120.66	\$ 1,294,640.29	\$ 1,429,708.27	\$ 124.08
2016	\$ 107,018.78	\$ 39.14	\$ 49,479.47	\$ 156,498.25	\$ 123.81	\$ 1,333,479.50	\$ 1,489,977.75	\$ 128.13
2017	\$ 123,102.85	\$ 40.32	\$ 56,848.17	\$ 179,951.02	\$ 127.62	\$ 1,373,483.88	\$ 1,553,434.90	\$ 132.37
2018	\$ 140,055.64	\$ 41.53	\$ 64,670.22	\$ 204,725.85	\$ 131.46	\$ 1,414,688.40	\$ 1,619,414.25	\$ 136.74
2019	\$ 157,914.80	\$ 42.77	\$ 72,968.38	\$ 230,883.19	\$ 135.34	\$ 1,457,129.05	\$ 1,688,012.24	\$ 141.23
2020	\$ 176,719.47	\$ 44.06	\$ 81,766.49	\$ 258,485.96	\$ 139.27	\$ 1,500,842.92	\$ 1,759,328.88	\$ 145.85
2021	\$ 193,793.56	\$ 45.38	\$ 89,595.96	\$ 283,389.52	\$ 143.53	\$ 1,545,868.21	\$ 1,829,257.74	\$ 150.57
2022	\$ 211,733.05	\$ 46.74	\$ 97,861.49	\$ 309,594.54	\$ 147.86	\$ 1,592,244.26	\$ 1,901,838.80	\$ 155.42
2023	\$ 230,574.49	\$ 48.14	\$ 106,583.68	\$ 337,158.17	\$ 152.29	\$ 1,640,011.59	\$ 1,977,169.76	\$ 160.42
2024	\$ 250,355.86	\$ 49.59	\$ 115,784.04	\$ 366,139.90	\$ 156.80	\$ 1,689,211.93	\$ 2,055,351.83	\$ 165.58
2025	\$ 271,116.60	\$ 51.07	\$ 125,485.00	\$ 396,601.60	\$ 161.42	\$ 1,739,888.29	\$ 2,136,489.89	\$ 170.88
2026	\$ 292,897.66	\$ 52.61	\$ 135,710.01	\$ 428,607.66	\$ 166.14	\$ 1,792,084.94	\$ 2,220,692.60	\$ 176.35
2027	\$ 316,822.88	\$ 54.18	\$ 146,483.49	\$ 463,306.36	\$ 171.37	\$ 1,845,847.49	\$ 2,309,153.85	\$ 182.06
20-year average								\$ 134.75

Alternative 1b - Truck Excess to El Paso													
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Tonnage to be Disposed [ton]	Alpine Portion of Disposal [ton]	Allowable Tonnage in Landfill [ton]	Excess Tonnage [ton]	Allowable Weight per Truck [ton]	Extra # of Trips to Landfill [trip]	Additional Miles to El Paso [miles]	Fuel Cost [\$ / gal]	Truck Fuel Mileage [miles / gal]	Fuel Cost [\$ / mile]	O&M Personnel Cost [\$ / mile]
2007	1.38%	3%	14411	10563	14600	-	9.25	-	-	\$ 4.50	6	\$ 0.75	\$ 1.34
2008	1.38%	3%	14610	10709	14600	9.8718	9.25	2	792	\$ 4.64	6	\$ 0.77	\$ 1.38
2009	1.38%	3%	14811	10857	14600	211.488	9.25	23	9108	\$ 4.77	6	\$ 0.80	\$ 1.43
2010	1.38%	3%	15016	11007	14600	415.887	9.25	45	17820	\$ 4.92	6	\$ 0.82	\$ 1.47
2011	0.92%	3%	15154	11108	14600	554.033	9.25	60	23760	\$ 5.06	6	\$ 0.84	\$ 1.51
2012	0.92%	3%	15293	11210	14600	693.45	9.25	75	29700	\$ 5.22	6	\$ 0.87	\$ 1.56
2013	0.92%	3%	15434	11313	14600	834.15	9.25	91	36036	\$ 5.37	6	\$ 0.90	\$ 1.60
2014	0.92%	3%	15576	11417	14600	976.144	9.25	106	41976	\$ 5.53	6	\$ 0.92	\$ 1.65
2015	0.92%	3%	15719	11522	14600	1119.44	9.25	122	48312	\$ 5.70	6	\$ 0.95	\$ 1.70
2016	0.92%	3%	15864	11628	14600	1264.06	9.25	137	54252	\$ 5.87	6	\$ 0.98	\$ 1.75
2017	0.92%	3%	16010	11735	14600	1410.01	9.25	153	60588	\$ 6.05	6	\$ 1.01	\$ 1.81
2018	0.92%	3%	16157	11843	14600	1557.3	9.25	169	66924	\$ 6.23	6	\$ 1.04	\$ 1.86
2019	0.92%	3%	16306	11952	14600	1705.95	9.25	185	73260	\$ 6.42	6	\$ 1.07	\$ 1.92
2020	0.92%	3%	16456	12062	14600	1855.97	9.25	201	79596	\$ 6.61	6	\$ 1.10	\$ 1.97
2021	0.72%	3%	16574	12149	14600	1974.45	9.25	214	84744	\$ 6.81	6	\$ 1.13	\$ 2.03
2022	0.72%	3%	16694	12237	14600	2093.79	9.25	227	89892	\$ 7.01	6	\$ 1.17	\$ 2.09
2023	0.72%	3%	16814	12325	14600	2213.98	9.25	240	95040	\$ 7.22	6	\$ 1.20	\$ 2.16
2024	0.72%	3%	16935	12413	14600	2335.04	9.25	253	100188	\$ 7.44	6	\$ 1.24	\$ 2.22
2025	0.72%	3%	17057	12503	14600	2456.97	9.25	266	105336	\$ 7.66	6	\$ 1.28	\$ 2.29
2026	0.72%	3%	17180	12593	14600	2579.78	9.25	279	110484	\$ 7.89	6	\$ 1.32	\$ 2.36
2027	0.72%	3%	17303	12683	14600	2703.48	9.25	293	116028	\$ 8.13	6	\$ 1.35	\$ 2.43

Alternative 1b - Truck Excess to El Paso					Cost to	Cost for	Total	Total
Year	Additional Transport Charge [\$]	Tip Fee [\$/ton]	Tip Charge [\$]	Additional Cost [\$]	Transport & Dispose of Excess [\$/ton]	Base Collection [\$]	Cost [\$]	Cost [\$/ton]
2007	-	\$ 30.00	-	-	-	\$ 1,022,001.00	\$ 1,022,001.00	\$ 96.75
2008	\$ 1,707.66	\$ 30.90	\$ 305.04	\$ 2,012.70	\$ 203.88	\$ 1,052,661.03	\$ 1,054,673.73	\$ 98.48
2009	\$ 20,227.20	\$ 31.83	\$ 6,731.03	\$ 26,958.23	\$ 127.47	\$ 1,084,240.86	\$ 1,111,199.09	\$ 102.35
2010	\$ 40,762.21	\$ 32.78	\$ 13,633.51	\$ 54,395.73	\$ 130.79	\$ 1,116,768.09	\$ 1,171,163.81	\$ 106.41
2011	\$ 55,980.11	\$ 33.77	\$ 18,707.06	\$ 74,687.17	\$ 134.81	\$ 1,150,271.13	\$ 1,224,958.30	\$ 110.28
2012	\$ 72,074.39	\$ 34.78	\$ 24,116.95	\$ 96,191.34	\$ 138.71	\$ 1,184,779.26	\$ 1,280,970.60	\$ 114.27
2013	\$ 90,073.76	\$ 35.82	\$ 29,880.55	\$ 119,954.31	\$ 143.80	\$ 1,220,322.64	\$ 1,340,276.95	\$ 118.47
2014	\$ 108,068.72	\$ 36.90	\$ 36,016.01	\$ 144,084.73	\$ 147.61	\$ 1,256,932.32	\$ 1,401,017.05	\$ 122.71
2015	\$ 128,112.41	\$ 38.00	\$ 42,542.35	\$ 170,654.77	\$ 152.45	\$ 1,294,640.29	\$ 1,465,295.06	\$ 127.17
2016	\$ 148,179.85	\$ 39.14	\$ 49,479.47	\$ 197,659.33	\$ 156.37	\$ 1,333,479.50	\$ 1,531,138.82	\$ 131.67
2017	\$ 170,450.10	\$ 40.32	\$ 56,848.17	\$ 227,298.26	\$ 161.20	\$ 1,373,483.88	\$ 1,600,782.15	\$ 136.41
2018	\$ 193,923.19	\$ 41.53	\$ 64,670.22	\$ 258,593.41	\$ 166.05	\$ 1,414,688.40	\$ 1,673,281.81	\$ 141.29
2019	\$ 218,651.27	\$ 42.77	\$ 72,968.38	\$ 291,619.65	\$ 170.94	\$ 1,457,129.05	\$ 1,748,748.70	\$ 146.31
2020	\$ 244,688.50	\$ 44.06	\$ 81,766.49	\$ 326,454.98	\$ 175.89	\$ 1,500,842.92	\$ 1,827,297.91	\$ 151.49
2021	\$ 268,329.54	\$ 45.38	\$ 89,595.96	\$ 357,925.51	\$ 181.28	\$ 1,545,868.21	\$ 1,903,793.72	\$ 156.70
2022	\$ 293,168.84	\$ 46.74	\$ 97,861.49	\$ 391,030.33	\$ 186.76	\$ 1,592,244.26	\$ 1,983,274.59	\$ 162.08
2023	\$ 319,256.99	\$ 48.14	\$ 106,583.68	\$ 425,840.67	\$ 192.34	\$ 1,640,011.59	\$ 2,065,852.25	\$ 167.62
2024	\$ 346,646.58	\$ 49.59	\$ 115,784.04	\$ 462,430.61	\$ 198.04	\$ 1,689,211.93	\$ 2,151,642.55	\$ 173.33
2025	\$ 375,392.21	\$ 51.07	\$ 125,485.00	\$ 500,877.21	\$ 203.86	\$ 1,739,888.29	\$ 2,240,765.50	\$ 179.22
2026	\$ 405,550.60	\$ 52.61	\$ 135,710.01	\$ 541,260.61	\$ 209.81	\$ 1,792,084.94	\$ 2,333,345.55	\$ 185.29
2027	\$ 438,677.83	\$ 54.18	\$ 146,483.49	\$ 585,161.32	\$ 216.45	\$ 1,845,847.49	\$ 2,431,008.81	\$ 191.67
20-year average								\$ 139.05

Alternative 2 - Implement Aggressive Recycling Program			
Item	Units	Unit Cost	Total
Additional Recycle Dumpster	100	\$ 4,000.00	\$ 400,000.00
Additional Collection Truck	1	\$ 200,000.00	\$ 200,000.00
Recycling Center Expansion	2500	\$ 50.00	\$ 125,000.00
Additional Equipment	1	\$ 20,000.00	\$ 20,000.00
Total Startup Costs			\$ 745,000.00
20-year Annual Payment			\$96,480.91

Annual Costs			Collection of Recyclables									
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Number of Recycling Trips/Week	Miles per Recycling Trip [miles]	Additional Miles for Recycling [miles/yr]	Fuel Cost [\$ / gal]	Truck Fuel Mileage [miles/gal]	Fuel Cost [\$ / mile]	O&M Personnel Cost [\$ / mile]	Collection Transport Charge [\$]	# of Employees [persons]	
2007	1.38%	3%	2	100	10400	\$ 4.50	6	\$ 0.75	\$ 1.18	\$ 20,072.00	3	
2008	1.38%	3%	2	100	10544	\$ 4.64	6	\$ 0.77	\$ 1.22	\$ 20,959.46	3	
2009	1.38%	3%	2	100	10689	\$ 4.77	6	\$ 0.80	\$ 1.25	\$ 21,886.17	3	
2010	1.38%	3%	2	100	10837	\$ 4.92	6	\$ 0.82	\$ 1.29	\$ 22,853.84	3	
2011	0.92%	3%	2	100	10936	\$ 5.06	6	\$ 0.84	\$ 1.33	\$ 23,756.02	3	
2012	0.92%	3%	2	100	11037	\$ 5.22	6	\$ 0.87	\$ 1.37	\$ 24,693.81	3	
2013	0.92%	3%	2	100	11138	\$ 5.37	6	\$ 0.90	\$ 1.41	\$ 25,668.62	3	
2014	0.92%	3%	2	100	11241	\$ 5.53	6	\$ 0.92	\$ 1.45	\$ 26,681.92	3	
2015	0.92%	3%	2	100	11344	\$ 5.70	6	\$ 0.95	\$ 1.49	\$ 27,735.21	3	
2016	0.92%	3%	2	100	11449	\$ 5.87	6	\$ 0.98	\$ 1.54	\$ 28,830.09	3	
2017	0.92%	3%	2	100	11554	\$ 6.05	6	\$ 1.01	\$ 1.59	\$ 29,968.19	3	
2018	0.92%	3%	2	100	11660	\$ 6.23	6	\$ 1.04	\$ 1.63	\$ 31,151.21	3	
2019	0.92%	3%	2	100	11768	\$ 6.42	6	\$ 1.07	\$ 1.68	\$ 32,380.93	3	
2020	0.92%	3%	2	100	11876	\$ 6.61	6	\$ 1.10	\$ 1.73	\$ 33,659.20	3	
2021	0.72%	3%	2	100	11961	\$ 6.81	6	\$ 1.13	\$ 1.78	\$ 34,918.60	3	
2022	0.72%	3%	2	100	12047	\$ 7.01	6	\$ 1.17	\$ 1.84	\$ 36,225.11	3	
2023	0.72%	3%	2	100	12134	\$ 7.22	6	\$ 1.20	\$ 1.89	\$ 37,580.51	3	
2024	0.72%	3%	2	100	12222	\$ 7.44	6	\$ 1.24	\$ 1.95	\$ 38,986.62	3	
2025	0.72%	3%	2	100	12310	\$ 7.66	6	\$ 1.28	\$ 2.01	\$ 40,445.35	3	
2026	0.72%	3%	2	100	12398	\$ 7.89	6	\$ 1.32	\$ 2.07	\$ 41,958.65	3	
2027	0.72%	3%	2	100	12487	\$ 8.13	6	\$ 1.35	\$ 2.13	\$ 43,528.57	3	

Alternative
Item
Additional
Additional
Recycling
Additional
**Total Star
20-year A**

Annual Cost		Operation of Recycling Center								
Year	Salary [\$/year]	Benefits Ratio [%]	Personnel Costs [\$/yr]	Operating Costs [\$/yr]	Public Education Campaign [\$/yr]	Payment for Starting Capital [\$/yr]	Dumpster Replacement [#/yr]	Dumpster Cost [\$]	Dumpster Replacement Cost [\$/yr]	Total Operating Costs [\$/yr]
2007	\$ 30,000.00	35%	\$ 121,500.00	\$ 10,000.00	\$ 5,000.00	\$96,480.91	4	\$ 4,000.00	\$16,000.00	\$ 248,980.91
2008	\$ 30,900.00	35%	\$ 125,145.00	\$ 10,300.00	\$ 5,150.00	\$96,480.91	4	\$ 4,120.00	\$16,480.00	\$ 253,555.91
2009	\$ 31,827.00	35%	\$ 128,899.35	\$ 10,609.00	\$ 5,304.50	\$96,480.91	4	\$ 4,243.60	\$16,974.40	\$ 258,268.16
2010	\$ 32,781.81	35%	\$ 132,766.33	\$ 10,927.27	\$ 5,463.64	\$96,480.91	4	\$ 4,370.91	\$17,483.63	\$ 263,121.78
2011	\$ 33,765.26	35%	\$ 136,749.32	\$ 11,255.09	\$ 5,627.54	\$96,480.91	4	\$ 4,502.04	\$18,008.14	\$ 268,121.00
2012	\$ 34,778.22	35%	\$ 140,851.80	\$ 11,592.74	\$ 5,796.37	\$96,480.91	4	\$ 4,637.10	\$18,548.39	\$ 273,270.20
2013	\$ 35,821.57	35%	\$ 145,077.35	\$ 11,940.52	\$ 5,970.26	\$96,480.91	4	\$ 4,776.21	\$19,104.84	\$ 278,573.88
2014	\$ 36,896.22	35%	\$ 149,429.67	\$ 12,298.74	\$ 6,149.37	\$96,480.91	4	\$ 4,919.50	\$19,677.98	\$ 284,036.67
2015	\$ 38,003.10	35%	\$ 153,912.56	\$ 12,667.70	\$ 6,333.85	\$96,480.91	4	\$ 5,067.08	\$20,268.32	\$ 289,663.35
2016	\$ 39,143.20	35%	\$ 158,529.94	\$ 13,047.73	\$ 6,523.87	\$96,480.91	4	\$ 5,219.09	\$20,876.37	\$ 295,458.82
2017	\$ 40,317.49	35%	\$ 163,285.84	\$ 13,439.16	\$ 6,719.58	\$96,480.91	4	\$ 5,375.67	\$21,502.66	\$ 301,428.16
2018	\$ 41,527.02	35%	\$ 168,184.42	\$ 13,842.34	\$ 6,921.17	\$96,480.91	4	\$ 5,536.94	\$22,147.74	\$ 307,576.57
2019	\$ 42,772.83	35%	\$ 173,229.95	\$ 14,257.61	\$ 7,128.80	\$96,480.91	4	\$ 5,703.04	\$22,812.17	\$ 313,909.44
2020	\$ 44,056.01	35%	\$ 178,426.85	\$ 14,685.34	\$ 7,342.67	\$96,480.91	4	\$ 5,874.13	\$23,496.54	\$ 320,432.30
2021	\$ 45,377.69	35%	\$ 183,779.65	\$ 15,125.90	\$ 7,562.95	\$96,480.91	4	\$ 6,050.36	\$24,201.44	\$ 327,150.84
2022	\$ 46,739.02	35%	\$ 189,293.04	\$ 15,579.67	\$ 7,789.84	\$96,480.91	4	\$ 6,231.87	\$24,927.48	\$ 334,070.94
2023	\$ 48,141.19	35%	\$ 194,971.83	\$ 16,047.06	\$ 8,023.53	\$96,480.91	4	\$ 6,418.83	\$25,675.30	\$ 341,198.64
2024	\$ 49,585.43	35%	\$ 200,820.99	\$ 16,528.48	\$ 8,264.24	\$96,480.91	4	\$ 6,611.39	\$26,445.56	\$ 348,540.17
2025	\$ 51,072.99	35%	\$ 206,845.62	\$ 17,024.33	\$ 8,512.17	\$96,480.91	4	\$ 6,809.73	\$27,238.93	\$ 356,101.95
2026	\$ 52,605.18	35%	\$ 213,050.99	\$ 17,535.06	\$ 8,767.53	\$96,480.91	4	\$ 7,014.02	\$28,056.10	\$ 363,890.58
2027	\$ 54,183.34	35%	\$ 219,442.52	\$ 18,061.11	\$ 9,030.56	\$96,480.91	4	\$ 7,224.44	\$28,897.78	\$ 371,912.87

Alternative
Item
Additional
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Recycling
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Total Star
20-year A

Annual Cost	Roundtrip Miles to Ultimate Destination [miles]	Capacity of Destination Transport [tons]	Ultimate Destination Trips/Week	Additional Miles for Recycling [miles/yr]	Fuel Cost [\$/gal]	Truck Fuel Mileage [miles/gal]	Fuel Cost [\$/mile]	O&M Personnel Cost [\$/mile]
2007	100	9.25	2	10400	\$ 4.50	6	\$ 0.75	\$ 1.34
2008	100	9.25	2	10400	\$ 4.64	6	\$ 0.77	\$ 1.38
2009	100	9.25	3	15600	\$ 4.77	6	\$ 0.80	\$ 1.43
2010	100	9.25	3	15600	\$ 4.92	6	\$ 0.82	\$ 1.47
2011	100	9.25	3	15600	\$ 5.06	6	\$ 0.84	\$ 1.51
2012	100	9.25	3	15600	\$ 5.22	6	\$ 0.87	\$ 1.56
2013	100	9.25	3	15600	\$ 5.37	6	\$ 0.90	\$ 1.60
2014	100	9.25	3	15600	\$ 5.53	6	\$ 0.92	\$ 1.65
2015	100	9.25	3	15600	\$ 5.70	6	\$ 0.95	\$ 1.70
2016	100	9.25	3	15600	\$ 5.87	6	\$ 0.98	\$ 1.75
2017	100	9.25	3	15600	\$ 6.05	6	\$ 1.01	\$ 1.81
2018	100	9.25	3	15600	\$ 6.23	6	\$ 1.04	\$ 1.86
2019	100	9.25	3	15600	\$ 6.42	6	\$ 1.07	\$ 1.92
2020	100	9.25	3	15600	\$ 6.61	6	\$ 1.10	\$ 1.97
2021	100	9.25	3	15600	\$ 6.81	6	\$ 1.13	\$ 2.03
2022	100	9.25	3	15600	\$ 7.01	6	\$ 1.17	\$ 2.09
2023	100	9.25	4	20800	\$ 7.22	6	\$ 1.20	\$ 2.16
2024	100	9.25	4	20800	\$ 7.44	6	\$ 1.24	\$ 2.22
2025	100	9.25	4	20800	\$ 7.66	6	\$ 1.28	\$ 2.29
2026	100	9.25	4	20800	\$ 7.89	6	\$ 1.32	\$ 2.36
2027	100	9.25	4	20800	\$ 8.13	6	\$ 1.35	\$ 2.43

Alternative
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**Total Star
20-year A**

Annual Co	Destination Transport Charge [\$]	Total Tons to be Disposed of or Recycled [ton]	Alpine Tons Collected [ton]	Tons to be Recycled [ton]	Recycling Percentage	Tons to be Disposed of [ton]	Additional Collection Operating & Destination [\$]	Cost for Base [\$]	Total Cost [\$/ton]
2007	\$ 21,770.67	14411	10563	908	8.60%	9655	\$ 269,052.91	\$ 1,022,001.00	\$ 122.22
2008	\$ 22,423.79	14610	10709	936	8.74%	9773	\$ 274,515.37	\$ 1,052,661.03	\$ 123.93
2009	\$ 34,644.75	14811	10857	964	8.88%	9893	\$ 280,154.32	\$ 1,084,240.86	\$ 125.67
2010	\$ 35,684.09	15016	11007	993	9.02%	10014	\$ 285,975.62	\$ 1,116,768.09	\$ 127.45
2011	\$ 36,754.62	15223	11108	1022	9.20%	10085	\$ 291,877.02	\$ 1,150,271.13	\$ 129.83
2012	\$ 37,857.25	15363	11210	1053	9.39%	10157	\$ 297,964.02	\$ 1,184,779.26	\$ 132.27
2013	\$ 38,992.97	15504	11313	1085	9.59%	10229	\$ 304,242.51	\$ 1,220,322.64	\$ 134.76
2014	\$ 40,162.76	15647	11417	1117	9.79%	10300	\$ 310,718.59	\$ 1,256,932.32	\$ 137.30
2015	\$ 41,367.64	15791	11522	1151	9.99%	10372	\$ 317,398.56	\$ 1,294,640.29	\$ 139.91
2016	\$ 42,608.67	15936	11628	1185	10.19%	10443	\$ 324,288.91	\$ 1,333,479.50	\$ 142.56
2017	\$ 43,886.93	16083	11735	1221	10.40%	10514	\$ 331,396.34	\$ 1,373,483.88	\$ 145.28
2018	\$ 45,203.54	16231	11843	1257	10.62%	10586	\$ 338,727.78	\$ 1,414,688.40	\$ 148.05
2019	\$ 46,559.65	16380	11952	1295	10.84%	10657	\$ 346,290.38	\$ 1,457,129.05	\$ 150.89
2020	\$ 47,956.44	16531	12062	1334	11.06%	10728	\$ 354,091.50	\$ 1,500,842.92	\$ 153.78
2021	\$ 49,395.13	16683	12149	1374	11.31%	10775	\$ 362,069.44	\$ 1,545,868.21	\$ 157.04
2022	\$ 50,876.98	16803	12237	1415	11.57%	10821	\$ 370,296.05	\$ 1,592,244.26	\$ 160.38
2023	\$ 69,871.06	16924	12325	1458	11.83%	10867	\$ 378,779.15	\$ 1,640,011.59	\$ 163.80
2024	\$ 71,967.19	17046	12413	1502	12.10%	10912	\$ 387,526.80	\$ 1,689,211.93	\$ 167.30
2025	\$ 74,126.21	17169	12503	1547	12.37%	10956	\$ 396,547.30	\$ 1,739,888.29	\$ 170.88
2026	\$ 76,349.99	17292	12593	1593	12.65%	11000	\$ 405,849.23	\$ 1,792,084.94	\$ 174.54
2027	\$ 78,640.49	17417	12683	1641	12.94%	11043	\$ 415,441.45	\$ 1,845,847.49	\$ 178.29
							20-year average, per ton	\$	146.96

Alternative
 Item

Additional
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 Recycling
 Additional
**Total Star
 20-year A**

Annual Co

Year	Cost Reduction for Saved Landfill Space	Total Cost [\$/ton]
2007	\$ 152,103.47	\$ 107.82
2008	\$ 158,274.50	\$ 109.15
2009	\$ 164,717.92	\$ 110.50
2010	\$ 171,446.15	\$ 111.87
2011	\$ 179,285.69	\$ 113.69
2012	\$ 187,507.39	\$ 115.54
2013	\$ 196,130.43	\$ 117.42
2014	\$ 205,174.97	\$ 119.33
2015	\$ 214,662.17	\$ 121.28
2016	\$ 224,614.29	\$ 123.25
2017	\$ 235,054.72	\$ 125.25
2018	\$ 246,008.02	\$ 127.28
2019	\$ 257,500.01	\$ 129.34
2020	\$ 269,557.83	\$ 131.43
2021	\$ 282,770.38	\$ 133.77
2022	\$ 296,661.12	\$ 136.14
2023	\$ 311,265.64	\$ 138.55
2024	\$ 326,621.37	\$ 140.99
2025	\$ 342,767.74	\$ 143.46
2026	\$ 359,746.27	\$ 145.97
2027	\$ 377,600.68	\$ 148.52
		\$ 126.22

Alternative 3a - Transfer to Odessa											
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Operation of Transfer Station			Alpine Tonnage to be Disposed [ton]	Allowable Weight per Truck [ton]	# of Trips to Landfill [trip]	Miles to Odessa [miles]	Fuel Cost [\$ / gal]	Truck Fuel Mileage [miles / gal]
			Labor [\$ / yr]	Benefits [\$ / yr]	Depreciation [\$ / yr]						
2007	1.38%	3%	\$ 76,960.00	\$ 26,936.00	\$ 105,483.33	10563	9.25	1142	326612	\$ 4.50	6
2008	1.38%	3%	\$ 79,268.80	\$ 27,744.08	\$ 105,483.33	10709	9.25	1158	331188	\$ 4.64	6
2009	1.38%	3%	\$ 81,646.86	\$ 28,576.40	\$ 105,483.33	10857	9.25	1174	335764	\$ 4.77	6
2010	1.38%	3%	\$ 84,096.27	\$ 29,433.69	\$ 105,483.33	11007	9.25	1190	340340	\$ 4.92	6
2011	0.92%	3%	\$ 86,619.16	\$ 30,316.71	\$ 105,483.33	11108	9.25	1201	343486	\$ 5.06	6
2012	0.92%	3%	\$ 89,217.73	\$ 31,226.21	\$ 105,123.33	11210	9.25	1212	346632	\$ 5.22	6
2013	0.92%	3%	\$ 91,894.26	\$ 32,162.99	\$ 105,123.33	11313	9.25	1224	350064	\$ 5.37	6
2014	0.92%	3%	\$ 94,651.09	\$ 33,127.88	\$ 105,123.33	11417	9.25	1235	353210	\$ 5.53	6
2015	0.92%	3%	\$ 97,490.63	\$ 34,121.72	\$ 105,123.33	11522	9.25	1246	356356	\$ 5.70	6
2016	0.92%	3%	\$ 100,415.34	\$ 35,145.37	\$ 105,123.33	11628	9.25	1258	359788	\$ 5.87	6
2017	0.92%	3%	\$ 103,427.80	\$ 36,199.73	\$ 69,993.33	11735	9.25	1269	362934	\$ 6.05	6
2018	0.92%	3%	\$ 106,530.64	\$ 37,285.72	\$ 69,993.33	11843	9.25	1281	366366	\$ 6.23	6
2019	0.92%	3%	\$ 109,726.56	\$ 38,404.30	\$ 69,993.33	11952	9.25	1293	369798	\$ 6.42	6
2020	0.92%	3%	\$ 113,018.35	\$ 39,556.42	\$ 69,993.33	12062	9.25	1305	373230	\$ 6.61	6
2021	0.72%	3%	\$ 116,408.91	\$ 40,743.12	\$ 69,993.33	12149	9.25	1314	375804	\$ 6.81	6
2022	0.72%	3%	\$ 119,901.17	\$ 41,965.41	\$ 69,993.33	12237	9.25	1323	378378	\$ 7.01	6
2023	0.72%	3%	\$ 123,498.21	\$ 43,224.37	\$ 47,260.00	12325	9.25	1333	381238	\$ 7.22	6
2024	0.72%	3%	\$ 127,203.15	\$ 44,521.10	\$ 47,260.00	12413	9.25	1342	383812	\$ 7.44	6
2025	0.72%	3%	\$ 131,019.25	\$ 45,856.74	\$ 47,260.00	12503	9.25	1352	386672	\$ 7.66	6
2026	0.72%	3%	\$ 134,949.83	\$ 47,232.44	\$ 47,260.00	12593	9.25	1362	389532	\$ 7.89	6
2027	0.72%	3%	\$ 138,998.32	\$ 48,649.41	\$ 47,260.00	12683	9.25	1372	392392	\$ 8.13	6

Alternative 3a									
Year	Fuel Cost [\$/mile]	O&M Personnel Cost [\$/mile]	Transport Charge [\$]	Tip Fee [\$/ton]	Tip Charge [\$]	Trip to Odessa Cost [\$]	Cost for Base [\$]	Total Cost [\$]	Total Cost [\$/ton]
2007	\$ 0.75	\$ 1.18	\$ 630,361.16	\$ 30.00	\$ 316,897.89	\$ 947,259.05	\$ 1,022,001.00	\$ 2,305,682.82	\$ 218.27
2008	\$ 0.77	\$ 1.22	\$ 658,368.63	\$ 30.90	\$ 330,909.21	\$ 989,277.84	\$ 1,052,661.03	\$ 2,381,478.52	\$ 222.38
2009	\$ 0.80	\$ 1.25	\$ 687,489.21	\$ 31.83	\$ 345,540.03	\$ 1,033,029.25	\$ 1,084,240.86	\$ 2,460,020.14	\$ 226.59
2010	\$ 0.82	\$ 1.29	\$ 717,764.50	\$ 32.78	\$ 360,817.74	\$ 1,078,582.25	\$ 1,116,768.09	\$ 2,541,407.06	\$ 230.90
2011	\$ 0.84	\$ 1.33	\$ 746,131.28	\$ 33.77	\$ 375,061.38	\$ 1,121,192.66	\$ 1,150,271.13	\$ 2,620,926.42	\$ 235.95
2012	\$ 0.87	\$ 1.37	\$ 775,554.08	\$ 34.78	\$ 389,867.30	\$ 1,165,421.38	\$ 1,184,779.26	\$ 2,702,811.35	\$ 241.11
2013	\$ 0.90	\$ 1.41	\$ 806,729.82	\$ 35.82	\$ 405,257.71	\$ 1,211,987.52	\$ 1,220,322.64	\$ 2,788,534.19	\$ 246.48
2014	\$ 0.92	\$ 1.45	\$ 838,399.23	\$ 36.90	\$ 421,255.66	\$ 1,259,654.89	\$ 1,256,932.32	\$ 2,876,532.96	\$ 251.94
2015	\$ 0.95	\$ 1.49	\$ 871,242.76	\$ 38.00	\$ 437,885.15	\$ 1,309,127.91	\$ 1,294,640.29	\$ 2,967,547.31	\$ 257.55
2016	\$ 0.98	\$ 1.54	\$ 906,022.55	\$ 39.14	\$ 455,171.10	\$ 1,361,193.65	\$ 1,333,479.50	\$ 3,062,400.63	\$ 263.36
2017	\$ 1.01	\$ 1.59	\$ 941,363.19	\$ 40.32	\$ 473,139.44	\$ 1,414,502.62	\$ 1,373,483.88	\$ 3,124,650.81	\$ 266.26
2018	\$ 1.04	\$ 1.63	\$ 978,772.92	\$ 41.53	\$ 491,817.09	\$ 1,470,590.01	\$ 1,414,688.40	\$ 3,226,131.54	\$ 272.40
2019	\$ 1.07	\$ 1.68	\$ 1,017,580.00	\$ 42.77	\$ 511,232.06	\$ 1,528,812.06	\$ 1,457,129.05	\$ 3,331,108.74	\$ 278.70
2020	\$ 1.10	\$ 1.73	\$ 1,057,834.62	\$ 44.06	\$ 531,413.46	\$ 1,589,248.07	\$ 1,500,842.92	\$ 3,439,702.54	\$ 285.16
2021	\$ 1.13	\$ 1.78	\$ 1,097,083.93	\$ 45.38	\$ 551,296.82	\$ 1,648,380.75	\$ 1,545,868.21	\$ 3,548,437.75	\$ 292.07
2022	\$ 1.17	\$ 1.84	\$ 1,137,736.15	\$ 46.74	\$ 571,924.14	\$ 1,709,660.29	\$ 1,592,244.26	\$ 3,660,807.90	\$ 299.17
2023	\$ 1.20	\$ 1.89	\$ 1,180,725.89	\$ 48.14	\$ 593,323.26	\$ 1,774,049.15	\$ 1,640,011.59	\$ 3,755,086.75	\$ 304.68
2024	\$ 1.24	\$ 1.95	\$ 1,224,358.72	\$ 49.59	\$ 615,523.04	\$ 1,839,881.76	\$ 1,689,211.93	\$ 3,875,121.38	\$ 312.17
2025	\$ 1.28	\$ 2.01	\$ 1,270,486.57	\$ 51.07	\$ 638,553.45	\$ 1,909,040.02	\$ 1,739,888.29	\$ 4,000,107.73	\$ 319.94
2026	\$ 1.32	\$ 2.07	\$ 1,318,280.17	\$ 52.61	\$ 662,445.57	\$ 1,980,725.74	\$ 1,792,084.94	\$ 4,129,296.38	\$ 327.91
2027	\$ 1.35	\$ 2.13	\$ 1,367,797.95	\$ 54.18	\$ 687,231.63	\$ 2,055,029.58	\$ 1,845,847.49	\$ 4,262,828.23	\$ 336.09
20-year average, per ton								\$	273.54

Alternative 3b - Transfer to to El Paso											
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Operation of Transfer Station			Alpine Tonnage to be Disposed [ton]	Allowable Weight per Truck [ton]	# of Trips to Landfill [trip]	Additional Miles to El Paso [miles]	Fuel Cost [\$ / gal]	Truck Fuel Mileage [miles/gal]
			Labor [\$ / yr]	Benefits [\$ / yr]	Depreciation [\$ / yr]						
2007	1.38%	3%	\$ 76,960.00	\$ 26,936.00	\$ 105,483.33	10563	9.25	1142	452232	\$ 4.50	6
2008	1.38%	3%	\$ 79,268.80	\$ 27,744.08	\$ 105,483.33	10709	9.25	1158	458568	\$ 4.64	6
2009	1.38%	3%	\$ 81,646.86	\$ 28,576.40	\$ 105,483.33	10857	9.25	1174	464904	\$ 4.77	6
2010	1.38%	3%	\$ 84,096.27	\$ 29,433.69	\$ 105,483.33	11007	9.25	1190	471240	\$ 4.92	6
2011	0.92%	3%	\$ 86,619.16	\$ 30,316.71	\$ 105,483.33	11108	9.25	1201	475596	\$ 5.06	6
2012	0.92%	3%	\$ 89,217.73	\$ 31,226.21	\$ 105,123.33	11210	9.25	1212	479952	\$ 5.22	6
2013	0.92%	3%	\$ 91,894.26	\$ 32,162.99	\$ 105,123.33	11313	9.25	1224	484704	\$ 5.37	6
2014	0.92%	3%	\$ 94,651.09	\$ 33,127.88	\$ 105,123.33	11417	9.25	1235	489060	\$ 5.53	6
2015	0.92%	3%	\$ 97,490.63	\$ 34,121.72	\$ 105,123.33	11522	9.25	1246	493416	\$ 5.70	6
2016	0.92%	3%	\$ 100,415.34	\$ 35,145.37	\$ 105,123.33	11628	9.25	1258	498168	\$ 5.87	6
2017	0.92%	3%	\$ 103,427.80	\$ 36,199.73	\$ 69,993.33	11735	9.25	1269	502524	\$ 6.05	6
2018	0.92%	3%	\$ 106,530.64	\$ 37,285.72	\$ 69,993.33	11843	9.25	1281	507276	\$ 6.23	6
2019	0.92%	3%	\$ 109,726.56	\$ 38,404.30	\$ 69,993.33	11952	9.25	1293	512028	\$ 6.42	6
2020	0.92%	3%	\$ 113,018.35	\$ 39,556.42	\$ 69,993.33	12062	9.25	1305	516780	\$ 6.61	6
2021	0.72%	3%	\$ 116,408.91	\$ 40,743.12	\$ 69,993.33	12149	9.25	1314	520344	\$ 6.81	6
2022	0.72%	3%	\$ 119,901.17	\$ 41,965.41	\$ 69,993.33	12237	9.25	1323	523908	\$ 7.01	6
2023	0.72%	3%	\$ 123,498.21	\$ 43,224.37	\$ 47,260.00	12325	9.25	1333	527868	\$ 7.22	6
2024	0.72%	3%	\$ 127,203.15	\$ 44,521.10	\$ 47,260.00	12413	9.25	1342	531432	\$ 7.44	6
2025	0.72%	3%	\$ 131,019.25	\$ 45,856.74	\$ 47,260.00	12503	9.25	1352	535392	\$ 7.66	6
2026	0.72%	3%	\$ 134,949.83	\$ 47,232.44	\$ 47,260.00	12593	9.25	1362	539352	\$ 7.89	6
2027	0.72%	3%	\$ 138,998.32	\$ 48,649.41	\$ 47,260.00	12683	9.25	1372	543312	\$ 8.13	6

Alternative 3b									
Year	Fuel Cost [\$/mile]	O&M Personnel Cost [\$/mile]	Additional Transport Charge [\$]	Tip Fee [\$/ton]	Tip Charge [\$]	Additional Cost [\$]	Cost for Base [\$]	Total Cost [\$]	Total Cost [\$/ton]
2007	\$ 0.75	\$ 1.18	\$ 872,807.76	\$ 30.00	\$ 316,897.89	\$ 1,189,705.65	\$ 1,022,001.00	\$ 2,548,129.42	\$ 241.23
2008	\$ 0.77	\$ 1.22	\$ 911,587.33	\$ 30.90	\$ 330,909.21	\$ 1,242,496.54	\$ 1,052,661.03	\$ 2,634,697.22	\$ 246.03
2009	\$ 0.80	\$ 1.25	\$ 951,908.14	\$ 31.83	\$ 345,540.03	\$ 1,297,448.17	\$ 1,084,240.86	\$ 2,724,439.07	\$ 250.94
2010	\$ 0.82	\$ 1.29	\$ 993,827.78	\$ 32.78	\$ 360,817.74	\$ 1,354,645.52	\$ 1,116,768.09	\$ 2,817,470.33	\$ 255.98
2011	\$ 0.84	\$ 1.33	\$ 1,033,104.85	\$ 33.77	\$ 375,061.38	\$ 1,408,166.23	\$ 1,150,271.13	\$ 2,907,899.99	\$ 261.79
2012	\$ 0.87	\$ 1.37	\$ 1,073,844.11	\$ 34.78	\$ 389,867.30	\$ 1,463,711.41	\$ 1,184,779.26	\$ 3,001,101.38	\$ 267.71
2013	\$ 0.90	\$ 1.41	\$ 1,117,010.51	\$ 35.82	\$ 405,257.71	\$ 1,522,268.22	\$ 1,220,322.64	\$ 3,098,814.89	\$ 273.91
2014	\$ 0.92	\$ 1.45	\$ 1,160,860.48	\$ 36.90	\$ 421,255.66	\$ 1,582,116.14	\$ 1,256,932.32	\$ 3,198,994.20	\$ 280.19
2015	\$ 0.95	\$ 1.49	\$ 1,206,336.13	\$ 38.00	\$ 437,885.15	\$ 1,644,221.28	\$ 1,294,640.29	\$ 3,302,640.68	\$ 286.63
2016	\$ 0.98	\$ 1.54	\$ 1,254,492.76	\$ 39.14	\$ 455,171.10	\$ 1,709,663.86	\$ 1,333,479.50	\$ 3,410,870.84	\$ 293.32
2017	\$ 1.01	\$ 1.59	\$ 1,303,425.95	\$ 40.32	\$ 473,139.44	\$ 1,776,565.39	\$ 1,373,483.88	\$ 3,486,713.58	\$ 297.11
2018	\$ 1.04	\$ 1.63	\$ 1,355,224.04	\$ 41.53	\$ 491,817.09	\$ 1,847,041.13	\$ 1,414,688.40	\$ 3,602,582.66	\$ 304.19
2019	\$ 1.07	\$ 1.68	\$ 1,408,956.93	\$ 42.77	\$ 511,232.06	\$ 1,920,188.99	\$ 1,457,129.05	\$ 3,722,485.66	\$ 311.45
2020	\$ 1.10	\$ 1.73	\$ 1,464,694.09	\$ 44.06	\$ 531,413.46	\$ 1,996,107.54	\$ 1,500,842.92	\$ 3,846,562.01	\$ 318.89
2021	\$ 1.13	\$ 1.78	\$ 1,519,039.29	\$ 45.38	\$ 551,296.82	\$ 2,070,336.11	\$ 1,545,868.21	\$ 3,970,393.11	\$ 326.81
2022	\$ 1.17	\$ 1.84	\$ 1,575,326.98	\$ 46.74	\$ 571,924.14	\$ 2,147,251.12	\$ 1,592,244.26	\$ 4,098,398.73	\$ 334.93
2023	\$ 1.20	\$ 1.89	\$ 1,634,851.23	\$ 48.14	\$ 593,323.26	\$ 2,228,174.49	\$ 1,640,011.59	\$ 4,209,212.09	\$ 341.53
2024	\$ 1.24	\$ 1.95	\$ 1,695,265.92	\$ 49.59	\$ 615,523.04	\$ 2,310,788.96	\$ 1,689,211.93	\$ 4,346,028.58	\$ 350.11
2025	\$ 1.28	\$ 2.01	\$ 1,759,135.25	\$ 51.07	\$ 638,553.45	\$ 2,397,688.70	\$ 1,739,888.29	\$ 4,488,756.41	\$ 359.02
2026	\$ 1.32	\$ 2.07	\$ 1,825,311.00	\$ 52.61	\$ 662,445.57	\$ 2,487,756.57	\$ 1,792,084.94	\$ 4,636,327.21	\$ 368.17
2027	\$ 1.35	\$ 2.13	\$ 1,893,874.08	\$ 54.18	\$ 687,231.63	\$ 2,581,105.71	\$ 1,845,847.49	\$ 4,788,904.37	\$ 377.57
20-year average, per ton									\$ 305.31

Alternative 4 - Converting Existing Landfill to a Type 1

Total Landfill Area (acres)	71.5
Total Landfill Height/Depth (feet)	40
Total Landfill Volume (c.y.)	4,614,133
50-year tonnage (ton)	14,080
50-year Volume (c.y.)	4,508,153

Capital Construction Costs

Item	Unit Cost	Quantity	Total
Earthworks/Site Prep	\$ - /cubic yard	2,254,077	\$0
Clay Liner	\$ 250,000.00 /acre	71.5	\$17,875,000
Groundwater Monitoring	\$100,000 lump	1	\$100,000
Permitting	\$500,000 lump	1	\$500,000
Total Startup Costs			\$18,475,000.00
20-year Annual Payment			\$1,482,481.80

Annual Costs

Year	Alpine Regional Growth [%]	Inflation Growth [%]	Cost for Base [\$]	Type I Landfill Operating Costs			Startup Payment [\$]	Total Tons to be Disposed of or Recycled [ton]	Total Annual Cost [\$]	Total Cost [\$ /ton]
				Groundwater Monitoring [\$]	Gas Monitoring [\$]	Leachate Monitoring [\$]				
2007	1.38%	3%	\$ 1,022,001.00	\$ 50,000.00	\$ 5,000.00	\$ 2,000.00	\$1,482,481.80	10563	\$ 2,561,482.80	\$ 242.49
2008	1.38%	3%	\$ 1,052,661.03	\$ 51,500.00	\$ 5,150.00	\$ 2,060.00	\$1,482,481.80	10709	\$ 2,593,852.83	\$ 242.21
2009	1.38%	3%	\$ 1,084,240.86	\$ 53,045.00	\$ 5,304.50	\$ 2,121.80	\$1,482,481.80	10857	\$ 2,627,193.96	\$ 241.99
2010	1.38%	3%	\$ 1,116,768.09	\$ 54,636.35	\$ 5,463.64	\$ 2,185.45	\$1,482,481.80	11007	\$ 2,661,535.32	\$ 241.81
2011	0.92%	3%	\$ 1,150,271.13	\$ 56,275.44	\$ 5,627.54	\$ 2,251.02	\$1,482,481.80	11108	\$ 2,696,906.93	\$ 242.79
2012	0.92%	3%	\$ 1,184,779.26	\$ 57,963.70	\$ 5,796.37	\$ 2,318.55	\$1,482,481.80	11210	\$ 2,733,339.68	\$ 243.83
2013	0.92%	3%	\$ 1,220,322.64	\$ 59,702.61	\$ 5,970.26	\$ 2,388.10	\$1,482,481.80	11313	\$ 2,770,865.42	\$ 244.92
2014	0.92%	3%	\$ 1,256,932.32	\$ 61,493.69	\$ 6,149.37	\$ 2,459.75	\$1,482,481.80	11417	\$ 2,809,516.93	\$ 246.08
2015	0.92%	3%	\$ 1,294,640.29	\$ 63,338.50	\$ 6,333.85	\$ 2,533.54	\$1,482,481.80	11522	\$ 2,849,327.98	\$ 247.29
2016	0.92%	3%	\$ 1,333,479.50	\$ 65,238.66	\$ 6,523.87	\$ 2,609.55	\$1,482,481.80	11628	\$ 2,890,333.37	\$ 248.56
2017	0.92%	3%	\$ 1,373,483.88	\$ 67,195.82	\$ 6,719.58	\$ 2,687.83	\$1,482,481.80	11735	\$ 2,932,568.92	\$ 249.89
2018	0.92%	3%	\$ 1,414,688.40	\$ 69,211.69	\$ 6,921.17	\$ 2,768.47	\$1,482,481.80	11843	\$ 2,976,071.53	\$ 251.29
2019	0.92%	3%	\$ 1,457,129.05	\$ 71,288.04	\$ 7,128.80	\$ 2,851.52	\$1,482,481.80	11952	\$ 3,020,879.22	\$ 252.75
2020	0.92%	3%	\$ 1,500,842.92	\$ 73,426.69	\$ 7,342.67	\$ 2,937.07	\$1,482,481.80	12062	\$ 3,067,031.14	\$ 254.27
2021	0.72%	3%	\$ 1,545,868.21	\$ 75,629.49	\$ 7,562.95	\$ 3,025.18	\$1,482,481.80	12149	\$ 3,114,567.62	\$ 256.36
2022	0.72%	3%	\$ 1,592,244.26	\$ 77,898.37	\$ 7,789.84	\$ 3,115.93	\$1,482,481.80	12237	\$ 3,163,530.20	\$ 258.53
2023	0.72%	3%	\$ 1,640,011.59	\$ 80,235.32	\$ 8,023.53	\$ 3,209.41	\$1,482,481.80	12325	\$ 3,213,961.65	\$ 260.78
2024	0.72%	3%	\$ 1,689,211.93	\$ 82,642.38	\$ 8,264.24	\$ 3,305.70	\$1,482,481.80	12413	\$ 3,265,906.05	\$ 263.10
2025	0.72%	3%	\$ 1,739,888.29	\$ 85,121.65	\$ 8,512.17	\$ 3,404.87	\$1,482,481.80	12503	\$ 3,319,408.77	\$ 265.49
2026	0.72%	3%	\$ 1,792,084.94	\$ 87,675.30	\$ 8,767.53	\$ 3,507.01	\$1,482,481.80	12593	\$ 3,374,516.58	\$ 267.97
2027	0.72%	3%	\$ 1,845,847.49	\$ 90,305.56	\$ 9,030.56	\$ 3,612.22	\$1,482,481.80	12683	\$ 3,431,277.63	\$ 270.53
								20-year average		\$ 252.04

Alternative 5 - Construct New Type Ivae Landfill

Total Landfill Area (acres)	71.5
Total Landfill Height/Depth (feet)	40
Total Landfill Volume (c.y.)	4,614,133

Capital Construction Costs				
Item	Unit Cost		Quantity	Total
Site Prep	\$ 1.00	/s.f.	3,114,540	\$3,114,540
Land Acquisition	\$ 5,000.00	/acre	71.5	\$357,500
Permitting	\$ 500,000.00	/each	1	\$500,000
Building	\$ 100.00	/s.f.	2,000	\$200,000
Fencing	\$ 10.00	/l.f.	7,060	\$70,600
On-Site Septic System	\$ 15,000.00	/each	1	\$15,000
Total Startup Costs				\$4,257,640.00
20-year Annual Payment				\$341,644.05

Annual Costs										
Year	Alpine Regional Growth [%]	Inflation Growth [%]	Cost for Base [\$]	Operating Cost			Tons to be Disposed of [ton]	Total Annual Cost [\$]	Total Cost [\$/ton]	
				Gas Monitoring [\$]	Startup Payment [\$]	Operations Addn. Type I [\$]				
2007	1.38%	3%	\$ 1,022,001.00	\$ 5,000.00	\$341,644.05	\$400,000.00	10563	\$ 1,768,645.05	\$ 167.43	
2008	1.38%	3%	\$ 1,052,661.03	\$ 5,150.00	\$341,644.05	\$412,000.00	10709	\$ 1,811,455.08	\$ 169.15	
2009	1.38%	3%	\$ 1,084,240.86	\$ 5,304.50	\$341,644.05	\$424,360.00	10857	\$ 1,855,549.41	\$ 170.91	
2010	1.38%	3%	\$ 1,116,768.09	\$ 5,463.64	\$341,644.05	\$437,090.80	11007	\$ 1,900,966.57	\$ 172.71	
2011	0.92%	3%	\$ 1,150,271.13	\$ 5,627.54	\$341,644.05	\$450,203.52	11108	\$ 1,947,746.25	\$ 175.35	
2012	0.92%	3%	\$ 1,184,779.26	\$ 5,796.37	\$341,644.05	\$463,709.63	11210	\$ 1,995,929.31	\$ 178.05	
2013	0.92%	3%	\$ 1,220,322.64	\$ 5,970.26	\$341,644.05	\$477,620.92	11313	\$ 2,045,557.87	\$ 180.81	
2014	0.92%	3%	\$ 1,256,932.32	\$ 6,149.37	\$341,644.05	\$491,949.55	11417	\$ 2,096,675.28	\$ 183.64	
2015	0.92%	3%	\$ 1,294,640.29	\$ 6,333.85	\$341,644.05	\$506,708.03	11522	\$ 2,149,326.22	\$ 186.54	
2016	0.92%	3%	\$ 1,333,479.50	\$ 6,523.87	\$341,644.05	\$521,909.27	11628	\$ 2,203,556.69	\$ 189.50	
2017	0.92%	3%	\$ 1,373,483.88	\$ 6,719.58	\$341,644.05	\$537,566.55	11735	\$ 2,259,414.07	\$ 192.53	
2018	0.92%	3%	\$ 1,414,688.40	\$ 6,921.17	\$341,644.05	\$553,693.55	11843	\$ 2,316,947.17	\$ 195.63	
2019	0.92%	3%	\$ 1,457,129.05	\$ 7,128.80	\$341,644.05	\$570,304.35	11952	\$ 2,376,206.26	\$ 198.81	
2020	0.92%	3%	\$ 1,500,842.92	\$ 7,342.67	\$341,644.05	\$587,413.49	12062	\$ 2,437,243.13	\$ 202.06	
2021	0.72%	3%	\$ 1,545,868.21	\$ 7,562.95	\$341,644.05	\$605,035.89	12149	\$ 2,500,111.10	\$ 205.79	
2022	0.72%	3%	\$ 1,592,244.26	\$ 7,789.84	\$341,644.05	\$623,186.97	12237	\$ 2,564,865.11	\$ 209.61	
2023	0.72%	3%	\$ 1,640,011.59	\$ 8,023.53	\$341,644.05	\$641,882.58	12325	\$ 2,631,561.74	\$ 213.52	
2024	0.72%	3%	\$ 1,689,211.93	\$ 8,264.24	\$341,644.05	\$661,139.05	12413	\$ 2,700,259.27	\$ 217.53	
2025	0.72%	3%	\$ 1,739,888.29	\$ 8,512.17	\$341,644.05	\$680,973.22	12503	\$ 2,771,017.73	\$ 221.63	
2026	0.72%	3%	\$ 1,792,084.94	\$ 8,767.53	\$341,644.05	\$701,402.42	12593	\$ 2,843,898.94	\$ 225.84	
2027	0.72%	3%	\$ 1,845,847.49	\$ 9,030.56	\$341,644.05	\$722,444.49	12683	\$ 2,918,966.59	\$ 230.14	
20-year average									\$ 194.63	