Open Space Policy

Phase II (A) Responses

Executive Summary:

The Township's Open Space policy requires the enclosed analysis to be completed during any open space acquisition. The analysis and calculations included in this report were prepared by the Township Administration and reviewed by the Citizens' Audit Review and Financial Advisory Committee (CARFAC). Please note that some of the calculations included in this report differ from those included in the Financial Forecast section of the Township's 2014 Budget. The reason for the difference is that the proposed development [of 63 lots] on the remaining acres *not* being purchased by the Township will have an impact to the Township's financial forecast, but is not part of the decision to buy the acres identified in the Ardrossan Proposed Sale and Purchase Agreement. The Open Space Policy refers specifically to the land being purchased, so that was the focus of this analysis.

The tables on the following page were created to provide a one-page summary of the responses to the five questions mandated by the Open Space policy. For further detail on each of the answers, please refer to the footnotes and exhibits. The five questions from the Open Space Policy are:

- 1. Written Budget for all Costs to Acquire the Property
- 2. Written Budget for Costs to Carry / Maintain the Property
- 3. Written Analysis of Foregone Tax Revenue from Existing Use
- 4. Consequences to Township if Parcel is not developed. Or, Analysis of Foregone Tax Revenue from Developed Use
- 5. Fiscal Impact of Purchase on Taxpayers

RADNOR TOWNSHIP

December 6, 2013

2.A.1. Written Budget for all Costs to Acquire the Property

While the amount of the land purchase is \$11.7M, the full cost of the initial transaction is over \$12.1M, and after all the interest is paid, the cost exceeds \$17M.

Sources:	Projec	cted Budget
Park and Open Space Fund Balance ¹	\$	205,700
Bond Proceeds ²		10,000,000
Grant Proceeds: State ³ [Approved]		1,000,000
Grant Proceeds: County ³ [Applied / Unknown]		500,000
Private Donations ³ [Status Unknown]		408,820
Total Sources	\$	12,114,520
Uses:		
Land Purchase ³	\$	11,653,820
Bond Initial Offering Discount ²		131,848
Bond Underwriter Expense ²		75,000
Bond Issuance Costs (legal, Compliance, Rounding, etc.) ²		48,152
Purchase Closing Costs (Park & Open Space Fund) ¹		205,700
Total Uses	\$	12,114,520

2.A.2. Written Budget for Costs to Carry / Maintain the Property:

The transaction could cost the General Fund approximately \$83K per year, and the total cost of the \$10M bonds is more like \$17.3M after interest.

Annualized

29 Year Total

	IIIIIIIIIIII	a) I cui I otui
	Budget ⁴	Forecast ⁵
General Fund		
Expense:		
Public Works Maintenance ⁶	76,816	2,758,702
Public Works Capital / Depreciation ⁶	5,920	224,960
Total Expenses	\$82,736	\$2,983,662
Net General Fund	\$(82,736)	\$(2,983,662)
Park and Open Space Fund		
Revenue:		
Voted Real Estate Taxes ⁷	472,918	5,675,016
Transfer Taxes ⁸	619,028	18,067,149
Total Revenue	\$1,076,100	\$23,742,165
Expenses:		
2009 Bond Retirement ⁹	496,296	6,575,286
2015 Bond Retirement ¹⁰	605,593	17,322,684
Closing Costs	-	205,700
Total Expenses	\$1,101,889	\$24,103,670
Net Park and Open Space Fund	\$(9,943)	\$(361,505)

2.A.3. Written Analysis of Foregone Tax Revenue from Existing Use¹¹

The answer to this question is somewhat irrelevant since we know that the existing use of the property (both what the Township is looking to buy and the portion not under consideration for purchase) will change significantly from what is there today.

Property Name	Parcel ID#	Acres	2013 Real Estate Taxes	Parcel A, B and C Portion of RE Tax	Net Remaining Real Estate Taxes
Tyler Tract	36-04-02463-00	236.683	\$24,235	\$(2,769)	\$21,466
Montgomery Tract	36-04-02464-00	118.848	29,713	(10,998)	18,715
Total			\$53,948	\$(13,767)	\$40,181

2.A.4. Consequences to Township if Parcel is not Developed. Or, Analysis of Foregone Tax Revenue from Developed Use

If 31 lots were developed, the Township would forego a relatively insignificant \$86K (or 0.7% of current property tax revenue). At the same time, the township won't have to provide service to a larger population (recognized by the \$39K). The more significant revenue foregone is the one-time transfer tax (\$232,500).

	Number of			Average Los	st Transfer
	Lots		Average Lost	Taxes (One	Time Lost
	Calculated	Estimated	Real Estate	Reven	ue) ¹³
	Under	Sale Price	Taxes		Park and
	Density	Range	(Reoccurring	General	Open Space
	Modification	(000's)	Annually) ¹²	Fund	Fund
Parcel A	11	\$750-\$1,250	\$30,564	\$82,500	\$27,500
Parcel B	8	\$750-\$1,250	22,228	60,000	20,000
Parcel C	12	\$750-\$1,250	33,342	90,000	30,000
Total Ta	x Revenue Foreg	one	\$86,134	\$232,500	\$77,500
Less: Co	st to Provide Ser	vice ¹⁴	(38,595)	n/a	n/a
Net Fo	regone Revenu	e	\$47,539	\$232,500	\$77,500

2.A.5. Fiscal Impact of Purchase on Taxpayers

At today's millage rate (3.7511 mills), this purchase equates to a 5.22% increase in taxes, by way of increased cost and foregone revenues.

Factors Causing Add'l Cost or Lost Revenue	Annualized Mills	%Δ16
Voted Millage Rate for Bond Retirement ¹⁷	0.150	4.00%
Public Works Maintenance and Equipment Depreciation	0.026	0.69%
Foregone Net RE Tax Revenue [from 31 lots]	0.015	0.40%
Foregone On-going Transfer Tax [from dev. turnover] ¹⁵	0.005	0.13%
Total Millage Equivalent	0.196	5.22%
Median Radnor Home Assessed Value	\$264,710	
Resulting Fiscal Impact (RE Tax Equivalent)	\$51.88	

MAJOR ASSUMPTIONS:

- The number of lots excluded from development as a result of the Township's [proposed] purchase totals 31 (Parcel A=11 lots, Parcel B=8 lots, and Parcel C=12 lots as calculated by Gannett Fleming
- The average sale price of each developed lot is \$1,000,000. Please note that, as of the date of this analysis, no formal estimate has been provided to the Township.
- The trails are constructed in 2018. This is based on an estimated length of time needed to generate private / grant funding.

MAJOR RISK FACTORS:

- What is the stability of municipal bond interest rates over the next year, prior to bond issue? Will we be able to borrow at the same rate then as today?
- Reliability of the Realty Transfer Tax revenues over time. Will more RE Tax be needed at any point from 2015 2026 or beyond through 2043?
- Risk of not being awarded the \$500,000 grant and raising the \$408,820 in private donations. What happens to the borrowing costs if these are not realized?
- Ability to generate the \$613,000 in grants and private funding for trail installation. If that is unsuccessful, will the Township end up constructing these?
- Risk associated with having trails that go through a flood plain? This pertains to the risk of losing the trails themselves and the risk associated with providing the public with a trail that could be dangerous during heavy rain / storm events.

CALCULATION FOOTNOTES:

- 1. Closing Cost Estimates: These estimates were included with the Township's DCNR Grant Application for Acquisition of Portions of Ardrossan (http://www.radnor.com/egov/docs/1383670358_139068.pdf, page 14). The estimate provided in the grant application totaled \$202,200. The figures in this analysis include the cost of an additional appraisal at \$3,500. The current assumption is that these costs are not capitalized into the purchase, and instead that the Township will utilize cash from the Park and Open Space to pay for these costs.
- 2. **Bond Proceeds / Issuance Costs**: These estimates were provided by Boenning & Scattergood and are included in their report titled, "Analysis of Potential Bond Issue for Acquisition of Ardrossan" which can be found by going to the following link: http://www.radnor.com/egov/docs/1383668826_134094.pdf.
- 3. Land Purchase Amount / Other than Bond Proceed Amounts: These estimates were provided in the document titled "The Preservation of Portions of Ardrossan: Executive Summary" (page 5) which can be found by going to the following link: http://www.radnor.com/egov/docs/1383756368_89813.pdf
- 4. Annualized Budget: This column represents what revenues and expenses might look like in a year when all trails have been constructed, assumed to be 2018. The Public Works costs are explained in footnote #6, the 2009 bond costs are fixed and the 2015 bonds were prepared by Boenning & Scattergood. The closing costs of the property would be paid in 2014/2015 and therefore are not included in the 2018 estimate.

- 5. **29 Year Total Forecast**: This column is the sum of the annual revenues and expenses for the property from 2015 2043, using the same assumptions identified in the Annualized Budget Footnote #4.
- 6. Public Works Cost to Carry / Maintain Land (General Fund): The Administration has estimated that the Public Works Department, Park Maintenance Division, would have to spend approximately 1,203 hours per year maintaining the three tracts and trails (that are proposed to be installed). The 2014 cost for providing 1,203 hours is estimated to be \$73,371. Assuming costs escalate annually at 2%, the amount used in the "Annualized Budget" column represents the 2018 cost. At the same time, the additional equipment needed is expected to cost \$59,200. The assumption moving forward that to amortize the replacement cost over an expected life of 10 years, with no residual value, which results in an annual depreciation expense of \$5,920. ** It should be noted that the current plan is to have the resident farmer continue to farm the land, which would all but eliminate any public works time / costs. So the presentation of costs incurred by Public Works is meant to be worse-case. **
- 7. Voted Real Estate Taxes (in the Park and Open Space Fund): This amount represents the annual revenue generated pursuant to the authority of the voted open space referendum (2006), which is currently estimated at 0.15 mills from 2015 2026. It should be noted that if the reality transfer tax revenues fall dramatically at any point during the retirement of the 2015 Bonds, that additional real estate taxes may have to be levied to fill any gap in coving the annual debt service.
- 8. Transfer Tax Revenue (in the Park and Open Space Fund): This amount represents 25% of revenue generated through the Township's 1.00% reality transfer tax rate. Please note that the full transfer tax rate is 1.50%, of which the School District receives 0.50 and the Township receives 1.00. The Township then splits its share of the revenue 75 / 25 between the General Fund and the Park and Open Space Fund.
- 9. **2009** Bond Retirement Expense (in the Park and Open Space Fund): The 2009 Bonds represent the combined, refunded obligation from the 1998 and 2002 open space bond issues. These bonds are set to mature in 2026. It should be noted that certain portions of these bonds are callable on May 1, 2015 and could be refunded if savings are significant enough or if the Township has proceeds to pay down principal.
- 10. <u>2015 Bond Retirement Expense (in the Park and Open Space Fund)</u>: This is the bond retirement schedule as developed by Boenning & Scattergood, available through the same link as provided in footnote #2.
- 11. Written Analysis of Foregone Tax Revenue from Existing Use Calculation: This calculation takes the current real estate taxes generated from the two tracts identified in the proposed Agreement of Sale and Purchase. The amount of tax allocated to the 71.03 acres proposed to be purchased was done by taking the full assessed value of each of the two Ardrossan tracts and dividing that by the number of acres in each tract (to get to a per acre assessed value), and then multiplying the value of each acre by the number of acres proposed to be purchased.

- 12. Average Lost Real Estate Taxes (Reoccurring Annually): As noted under the Major Assumptions, for purposes of this analysis, it is assumed that the number of lots to be developed if the Township did not buy any property is 31. Based on an average sale price of \$1,000,000, the formula used was (((\$1,000,000 ÷ 1.35) ÷ 1,000) x 3.7511) x 31 lots.
- 13. Average Lost Transfer Taxes (One Time Lost Revenue): As noted under the Major Assumptions, for purposes of this analysis, it is assumed that the number of lots to be developed if the Township did not buy any property is 31. The Township's share of the 1.50% transfer tax is 1.00%. The formula is sale price x 1.00% = Transfer Tax Revenue. That revenue is then split 75/25 between the General Fund and Park and Open Space Fund. This revenue is one-time, at the initial sale of the property (although an assumption could be made that over time, these homes will turn over which would generate additional transfer tax revenue).
- 14. **Cost to Provide Service**: For each home built in Radnor, there is a general cost to provide municipal services to that home. Based on the best information we have today on how much it costs to provide service, this analysis estimates a cost of \$1,197 per home x 31 potential lots = \$38,595. The cost to provide service was derived as follows:

Total 2014 General Fund Expenses	\$31,556,471
Less: Act 511 Tax Revenue	(12,847,245)
Less: All Other Revenue	(6,710,783)
Net General Fund Expenses funded through RE Tax	\$11,998,443
Times the Residential Portion of the RE Tax	77%
Residential Component of the Net GF Expenses	\$9,238,801
Divided by the number of Residential Units	7,718
Cost to provide service to per home	\$1,197

- 15. Foregone On-going Transfer Tax [from dev. turnover]: As noted in 2.A.4, buy purchasing the land and thus not allowing the development of up to 31 lots, the township is potentially losing \$252,500 in initial transfer tax revenue. However, since these revenues are one-time in nature, they were not included in the annualized millage calculation that answers the question of how much the purchase will cost the taxpayer. Instead, the assumption that two (x2) homes within the development would be turned over per year was used. At a sale price of \$1,000,000 per home, the General Fund's portion of the transfer tax is \$7,500 per home, or \$15,000 for two homes. The millage equivalent of \$15,000 is 0.005 mills.
- 16. Percentage Change (in millage rate): For each of the line items where an annualized millage rate was calculated, this column presents the millage as a percentage change from the Township's current real estate tax rate of 3.7511. For example, the 0.150 mills proposed for the bond retirement equates to a 4.00% tax increase (0.150 ÷ 3.7511). This same equation was performed for each row in the table.
- 17. **Voted Millage Rate for Bond Retirement**: As noted in the Commissioner's "Analysis of Potential Bond Issue for Acquisition of Ardrossan," the plan includes charging the 0.15 mills for the Bond Retirement from 2015 2026 (or only the first 12 years). All other costs and foregone revenues would be in perpetuity.

4 of 11

THIS SIDE OF THE PAGE IS BLANK INTENTIONALLY	Y

Radnor Township, PA

Open Space Policy - Phase II

Project Sources and Uses Table for the General Fund and Park and Open Space Fund

Open Space Policy Impact	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
General Fund:											
Revenue:											
Real Estate Taxes ¹	_			_							
Transfer Taxes ²	-	-	-		-	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-	-		-	-	
	-	-	-	-	-	-	-	-	-	-	-
Expenses											
Cost to Provide Svc To Homes	-	-	-	-	-	-	-	-	-	-	-
Public Works: Maintenance ³	-	56,281	57,407	58,555	76,816	78,352	79,919	81,518	83,148	84,811	86,507
Public Works: Capital / Depr. ³	-	59,200	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920
Total Expenses	-	115,481	63,327	64,475	82,736	84,272	85,839	87,438	89,068	90,731	92,427
Net General Fund	-	(115,481)	(63,327)	(64,475)	(82,736)	(84,272)	(85,839)	(87,438)	(89,068)	(90,731)	(92,427)
Park and Open Space Fund											
Revenue:											
Bond Proceeds	10,000,000	_	_	_	_	_	_	_	_	_	_
Grants / Donations	1,908,820	_	_	_	_	_	_	_	_	_	_
Voted Real Estate Taxes ⁴	1,500,020	472,918	472,918	472,918	472,918	472,918	472,918	472,918	472,918	472,918	472,918
Transfer Taxes ⁵		600,631	606,702	612,834	619,028	625,285	597,147	603,182	609,278	615,436	621,656
Total Revenue	11,908,820	1,073,549	1,079,620	1,085,752	1,091,946	1,098,203	1,070,065	1,076,100	1,082,196	1,088,354	1,094,574
Expenses	11,508,820	1,073,343	1,079,020	1,083,732	1,031,340	1,090,203	1,070,003	1,070,100	1,002,130	1,000,334	1,094,374
2009 Bond Retirement 6	_	711,266	712,766	711,116	496,296	496,121	489,721	493,000	493,000	493,000	493,000
		•	•			•	· ·	•	· ·	•	·
2015 Bond Retirement 7	-	321,577	609,793	605,193	605,593	608,543	606,193	606,193	605,328	608,828	606,673
Land Acquisition Costs	11,653,820	-	-	-	-	-	-	-	-	-	-
Bond Issuance Costs	255,000	-	-	-	-	-	-	-	-	-	-
Closing Costs	205,700	-	-	-	-	-	-	-	-	-	-
Total Expenses	12,114,520	1,032,843	1,322,559	1,316,309	1,101,889	1,104,664	1,095,914	1,099,193	1,098,328	1,101,828	1,099,673
Net Park and Open Space	(205,700)	40,706	(242,939)	(230,557)	(9,943)	(6,461)	(25,849)	(23,093)	(16,132)	(13,474)	(5,099)

Radnor Township, PA

Open Space Policy - Phase II

Project Sources and Uses Table for the General Fund and Park and Open Space Fund

Open Space Policy Impact	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
General Fund:											
Revenue:											
Real Estate Taxes ¹	-	-	-	-	-	-	-	-	-	-	-
Transfer Taxes ²	-	-	-	-	-	-	-	-	-	-	-
Total Revenue	-	-	-	-	-	-	-	-	-	-	-
Expenses											
Cost to Provide Svc To Homes	-	-	-	-	-	-	-	-	-	-	-
Public Works: Maintenance ³	88,237	90,002	91,802	93,638	95,511	97,421	99,369	101,357	103,384	105,452	107,561
Public Works: Capital / Depr. ³	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920
Total Expenses	94,157	95,922	97,722	99,558	101,431	103,341	105,289	107,277	109,304	111,372	113,481
Net General Fund	(94,157)	(95,922)	(97,722)	(99,558)	(101,431)	(103,341)	(105,289)	(107,277)	(109,304)	(111,372)	(113,481)
										· · · · · · · · · · · · · · · · · · ·	
Park and Open Space Fund											
Revenue:											
Bond Proceeds	-	-	-	-	-	-	-	-	-	-	-
Grants / Donations	-	-	-	-	-	-	-	-	-	-	-
Voted Real Estate Taxes ⁴	472,918	472,918	-	-	-	-	-	-	-	-	-
Transfer Taxes ⁵	627,939	634,286	605,743	611,865	618,049	624,296	630,606	636,980	643,418	614,464	620,675
Total Revenue	1,100,857	1,107,204	605,743	611,865	618,049	624,296	630,606	636,980	643,418	614,464	620,675
Expenses											
2009 Bond Retirement 6	493,000	493,000	-	-	-	-	-	-	-	-	-
2015 Bond Retirement 7	608,835	605,285	606,005	605,955	610,105	607,105	608,705	609,705	605,105	608,980	606,995
Land Acquisition Costs	-	-	-	-	-	-	-	-	-	-	-
Bond Issuance Costs	-	-	-	-	-	-	-	-	-	-	-
Closing Costs	-	-	-	-	-	-	-	-	-	-	-
Total Expenses	1,101,835	1,098,285	606,005	605,955	610,105	607,105	608,705	609,705	605,105	608,980	606,995
Net Park and Open Space	(978)	8,919	(262)	5,910	7,944	17,191	21,901	27,275	38,313	5,484	13,680
• • • • • • • • • • • • • • • • • • • •	,		` '		•	· · · · · · · · · · · · · · · · · · ·	•	•	•		

Radnor Township, PA

Open Space Policy - Phase II

Project Sources and Uses Table for the General Fund and Park and Open Space Fund

									29 Year Total
Open Space Policy Impact	2036	2037	2038	2039	2040	2041	2042	2043	Excludes 2014
General Fund:									
Revenue:									
Real Estate Taxes ¹	-	-	-	-	-	-	-	-	_
Transfer Taxes ²	-	-	-	-	-	-	-		_
Total Revenue	-	-	-	-	-	-	-		-
Expenses									
Cost to Provide Svc To Homes	-	-	-	-	-	-	-	-	-
Public Works: Maintenance ³	109,712	111,906	114,144	116,427	118,756	121,131	123,553	126,025	2,758,702
Public Works: Capital / Depr. ³	5,920	5,920	5,920	5,920	5,920	5,920	5,920	5,920	224,960
Total Expenses	115,632	117,826	120,064	122,347	124,676	127,051	129,473	131,945	2,983,662
Net General Fund	(115,632)	(117,826)	(120,064)	(122,347)	(124,676)	(127,051)	(129,473)	(131,945)	(2,983,662)
_									
Park and Open Space Fund									
Revenue:									
Bond Proceeds	-	-	-	-	-	-	-	-	-
Grants / Donations	-	-	-	-	-	-	-	-	-
Voted Real Estate Taxes ⁴	-	-	-	-	-	-	-	-	5,675,016
Transfer Taxes ⁵	626,948	633,285	639,686	646,151	652,682	623,311	629,611	635,975	18,067,149
Total Revenue	626,948	633,285	639,686	646,151	652,682	623,311	629,611	635,975	23,742,165
Expenses									
2009 Bond Retirement 6	-	-	-	-	-	-	-	-	6,575,286
2015 Bond Retirement 7	609,365	605,875	605,850	609,925	607,875	604,925	606,075	606,100	17,322,684
Land Acquisition Costs	-	-	-	-	-	-	-	-	-
Bond Issuance Costs	-	-	-	-	-	-	-	-	-
Closing Costs	-	-	-	-	-	-	-	-	-
Total Expenses	609,365	605,875	605,850	609,925	607,875	604,925	606,075	606,100	23,897,970
Net Park and Open Space	17,583	27,410	33,836	36,226	44,807	18,386	23,536	29,875	(155,805)

Exhibit B: Supporting Table for the Public Works Cost to Maintain the Property

Description	Qty	Unit	U	nit Price (\$)	Annual Cost (\$)	In	itial Cost (\$)	Notes
Ardrossan Property: the Rye								
Waste Receptacles	4	EA	\$	600.00		\$		Township standard, used in parks
Benches	4	EA	\$	1,200.00	\$ -	\$	4,800	Township standard, used in parks The existing unit is +/- 20 years old, with a 4 ' wide flail mower. The replacement would be a new
Tractor	1	EA	\$	40,000.00	\$ -	\$	40,000	tractor, 4 x 4 (recommended due to the slopes) with a 6' flail mower.
Mowed walking path	150	HRS	\$	56.01	\$ 8,402	\$		Based on 30 cuttings, 5 hours per cutting (3 passes) Includes travel time. This work is after the initial cut.
Trimming/Roadside	630	HRS	ċ	56.01	\$ 35,280	¢		Based on 15 cuttings (every other time the path is mowed), 6 men, 7 hours each. This is along both
-								(existing and proposed) fence lines. Includes roadside mowing and string trimmer.
Mow Field Subtotal, Tract C	804	HRS	\$	56.01	\$ 1,345 \$ 45,027		47,200	Based on one annual cutting, production rate of 1 acre/hour, includes travel time.
Ardrossan Property: the Qua	rry Field/T	ract P	16 3	4 Acres				
Mow Field	11 y Field, 1	HRS		56.00	\$ 1,008.00	\$	-	Based on one annual cutting, production rate of 1 acre/hour, includes travel time.
	15	HRS		56.00				Assumption that one mower pass will be required every other week to avoid grass from hanging
Mow by Trail							-	over the macadam trail (1 hour per mowing)
Trimming/Roadside	105	HRS	\$	56.00	\$ 5,880.00	\$	-	Trimming every other week along fence, roadside mowing.
Macadam Path Maint.	9	HRS	\$		\$ 504.00		-	Assume 9 monthly "cleanings" with tractor mounted blower. Actual repairs on the path for 10 year outlook: labor, material, and equipment is deminimus.
Gravel Trail Subtotal, Tract B	1 147	EA		LS	\$ 2,000.00 \$ 10,232.00		-	Assumed minor labor and material for gravel wash outs, tree and branch removal.
Subtotal, Tract B	147				\$ 10,232.00	,	•	
Ardrossan Property: the Whe					Ć 4.500.00	ć		Decedes as an experience which make of 4 and /hour includes to select
Mow Field	28	HRS	\$	56.00	\$ 1,568.00	\$	-	Based on one annual cutting, production rate of 1 acre/hour, includes travel time. Assumption that one mower pass will be required every other week to avoid grass from hanging
Mow by Trail	15	HRS	\$	56.00	\$ 840.00	\$	-	over the macadam trail (1 hour per mowing) Assume 9 monthly "cleanings" with tractor mounted blower. Actual repairs on the path for 10 year
Macadam Path Maint.	9	HRS	\$	56.00	\$ 504.00	\$	-	outlook: labor, material, and equipment is deminimus.
Gravel Trail	1	EA		LS	\$ 4,000.00	\$	-	Assumed minor labor and material for gravel wash outs, tree and branch removal, includes connecting path from Quarry Field.
Shed/Hay Storage	1	EA		LS		\$	12,000.00	Assumption, if not used by the farmer, that the building would be demolished. This cost is for demolition of the building.
School House	-	0	\$	-	\$ -	\$	-	A cursory view of the school house found it to be in fair condition. Masonry is in good shape, possible painting and replacement of portions of the soffit and fascia may be required. This was exterior only; assumed that current user would maintain the building.
	200	HRS	\$	56.00	\$ 11,200.00	\$	-	Trimming every other week along fence, roadside mowing. This does include semi- annual trimming along the fence at the rear of the field.
Trimming/Roadside	252				\$ 18,112.00	\$	12,000.00	
<u>.</u>	252							
Subtotal, Tract A	252							
Subtotal, Tract A TOTALS TRACTS A,B,C Wheeler Field/Tract A	252			252	\$ 18,112.00		12,000.00	
Subtotal, Tract A TOTALS TRACTS A,B,C	252			147	\$ 18,112.00 \$ 10,232.00 \$ 45,027.00	\$	-	

Notes: All production rates are estimated. The > 0.5 FTE of man hours required will be done with existing staff, but this may preclude other tasks from being performed. Frequency for roadside mowing and trimming are estimated, determination of actual frequency will change costs.

SFN 8/15

Operating Cost Inflation Percentage 2.00%
Equipment Useful Life 10
Equipment Residual Value \$ -

	20	15		2016				20	17			20	18			20)19	
Oį	perating		Capital	Operating		Capital	0	perating		Capital	Oį	perating		Capital	Ор	erating		Capital
		\$	2,400		\$	240			\$	240			\$	240			\$	240
		\$	4,800		\$	480			\$	480			\$	480			\$	480
		\$	40,000		\$	4,000			\$	4,000			\$	4,000			\$	4,000
											\$	8,402			\$	8,570		
\$	35,280			\$ 35,986			\$	36,705			\$	37,439			\$	38,188		
\$	1,345			\$ 1,372			\$	1,399			\$	1,427			\$	1,456		
\$	36,625	\$	47,200	\$ 37,358	\$	4,720	\$	38,105	\$	4,720	\$	47,269	\$	4,720	\$	48,214	\$	4,720
		\$	83,825		\$	42,078			\$	42,825			\$	51,989			\$	52,934

	\$ 6,8	88		\$ 7,026		\$ 7,166		Ś	10,654		ć	10,867
\$ 6,888	\$ -	\$	7,026	\$ -	\$ 7,166	\$	\$ 10,654	\$	-	\$ 10,867	\$	
							\$ 2,000			\$ 2,040		
							\$ 504			\$ 514		
\$ 5,880		\$	5,998		\$ 6,118		\$ 6,240			\$ 6,365		
							\$ 840			\$ 857		
\$ 1,008		\$	1,028		\$ 1,049		\$ 1,070			\$ 1,091		

	\$ 24,768			\$ 14,223		\$ 14,484			\$ 20,094			\$ 20,471
\$ 12,768	\$ 12,000	\$	13,023	\$ 1,200	\$ 13,284	\$ 1,200	\$	18,894	\$ 1,200	\$	19,271	\$ 1,200
\$ 11,200		\$	11,424		\$ 11,652		\$	11,886		\$	12,123	
\$ -		\$	-		\$ -		\$	-		\$	-	
	\$ 12,000			\$ 1,200		\$ 1,200			\$ 1,200			\$ 1,200
							\$	4,000.00		\$	4,080	
\$ -		\$	-		\$ -		\$	504		\$	514	
		ľ					ľ			ĺ		
\$ _		\$	_		\$		\$	840		s	857	
\$ 1,568		\$	1,599		\$ 1,631		\$	1,664		\$	1,697	

	\$ 115,481		\$ 63,327		\$ 64,475		\$ 82,736		\$ 84,272
\$ 56,281	\$ 59,200	\$ 57,407	\$ 5,920	\$ 58,555	\$ 5,920	\$ 76,816	\$ 5,920	\$ 78,352	\$ 5,920

		-	2020			2021		2022		2023		20)24		1025		2026		1027	20	28	2	029	2	030	2	2031
Description	Qty U	Init	Operating	Capital	Operating	Capita	Operat	ing Ci	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capita
rdrossan Property: the Ry	re Field/Tract C	22.0																									
/aste Receptacles	4 1	EA	\$	240		\$	240	\$	240	\$	240		\$ 240)	\$ 24)	\$ 240	ı	\$ 240)	\$ 240		\$ 240		\$ 240		\$
enches	4 1	EA	\$	480		\$	180	\$	480	\$	480		\$ 480)	\$ 48)	\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$
ractor	1	EA	\$	4,000		\$ 4	000	\$	4,000	\$	4,000		\$ 4,000	,	\$ 4,00)	\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4
lowed walking path	150 H	IRS s	8,741		\$ 8,91	i	\$	9,095		\$ 9,276		\$ 9,462		\$ 9,65	Į.	\$ 9,84	4	\$ 10,04	Į.	\$ 10,242		\$ 10,447		\$ 10,656		\$ 10,869)
rimming/Roadside	630 H	IRS	38,952		\$ 39,73		ς 4	0,526		\$ 41,336		\$ 42,163		\$ 43,00		\$ 43,86	5	\$ 44,74	ı	\$ 45,638		\$ 46,551		\$ 47,482		\$ 48,432	,
Now Field	24 H	IRS S	1,485		\$ 1,51			1,545		\$ 1,576		\$ 1,607		\$ 1,64		\$ 1,67		\$ 1,70		\$ 1,740		\$ 1,775		\$ 1,810		\$ 1,846	
Subtotal, Tract C	804		\$ 49,178 \$	4,720	\$ 50,16	2 \$ 4	720 \$ 5	1,165 \$	4,720	\$ 52,189	4,720	\$ 53,232	\$ 4,720	\$ 54,29	\$ 4,72	\$ 55,38	3 \$ 4,720	\$ 56,49	\$ 4,720	\$ 57,620	\$ 4,720	\$ 58,773	\$ 4,720	\$ 59,948	\$ 4,720	\$ 61,147	7 \$ 4
			\$	53,898		\$ 54	382	\$	55,885	\$	56,909		\$ 57,952	2	\$ 59,01	7	\$ 60,103		\$ 61,21		\$ 62,340		\$ 63,493		\$ 64,668		\$ 6
rdrossan Property: the Q	uarry Field/Tra	ct B 1																									
Now Field	18 F	IRS S	1,113		\$ 1,13	;	\$	1,158		\$ 1,181		\$ 1,205		\$ 1,22)	\$ 1,25	3	\$ 1,27	3	\$ 1,304		\$ 1,330		\$ 1,357		\$ 1,384	
Mow by Trail	15 H	IRS	874		\$ 89	L	ś	909		\$ 927		\$ 946		\$ 96	i	\$ 98	4	\$ 1,00	ı	\$ 1,024		\$ 1,044		\$ 1,065		\$ 1,087	7
Frimming/Roadside	105 H	IRS S	6,492		\$ 6,62		\$	5,754		\$ 6,889		\$ 7,027		\$ 7,16		\$ 7,31		\$ 7,45		\$ 7,606		\$ 7,759		\$ 7,914		\$ 8,072	
Macadam Path Maint.	9 F	IRS	5 524		\$ 53		e	546		\$ 556		\$ 568		\$ 57		\$ 59	,	\$ 60	,	\$ 614		\$ 627		\$ 639		\$ 652	,
Gravel Trail	1	EA S	2,081		\$ 2,12		\$	2,165		\$ 2,208		\$ 2,252		\$ 2,29		\$ 2,34		\$ 2,39		\$ 2,438		\$ 2,487		\$ 2,536		\$ 2,587	
Subtotal, Tract B	147	;	\$ 11,084 \$	-	\$ 11,30	5 \$	- \$ 1	1,532 \$	-	\$ 11,762 \$	-	\$ 11,998	\$ -	\$ 12,23	\$ -	\$ 12,48	2 \$ -	\$ 12,73	: \$ -	\$ 12,987	\$ -	\$ 13,246	\$ -	\$ 13,511	\$ -	\$ 13,782	\$
			\$	11,084		\$ 11	306	\$	11,532	\$	11,762		\$ 11,998	3	\$ 12,23	В	\$ 12,482	:	\$ 12,73	2	\$ 12,987		\$ 13,246		\$ 13,511		\$ 13
Ardrossan Property: the W	heeler Field/Tr	ract /																									
Now Field	28 F	IRS S	1,731		\$ 1,76	i	\$	1,801		\$ 1,837		\$ 1,874		\$ 1,91	ı	\$ 1,95	0	\$ 1,98)	\$ 2,028		\$ 2,069		\$ 2,110		\$ 2,153	,
Now by Trail	15 H	IRS ș	874		\$ 89	Į.	\$	909		\$ 927		\$ 946		\$ 96	i	\$ 98	4	\$ 1,00	ı	\$ 1,024		\$ 1,044		\$ 1,065		\$ 1,087	,
Macadam Path Maint.	9 H	IRS s	5 524		\$ 53	i	\$	546		\$ 556		\$ 568		\$ 57)	\$ 59	1	\$ 60	!	\$ 614		\$ 627		\$ 639		\$ 652	!
Gravel Trail	1	EA s	4,162		\$ 4,24	i	\$.	4,330		\$ 4,416		\$ 4,505		\$ 4,59	i	\$ 4,68	7	\$ 4,78)	\$ 4,876		\$ 4,973		\$ 5,073		\$ 5,174	ŀ
Shed/Hay Storage	1 1	EA	\$	1,200		\$ 1	200	\$	1,200	s	1,200		\$ 1,200)	\$ 1,20)	\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1
School House		0	s -		\$ -		\$	_		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Trimming/Roadside	200 ⊢	IRS	12,366		\$ 12,61		ė a	2,865		\$ 13,123		\$ 13,385		\$ 13,65		\$ 13,92	-	\$ 14,20		\$ 14,488		\$ 14,778		\$ 15,074		\$ 15,375	_
Subtotal, Tract A	252	3	\$ 19,657 \$	1,200				2,805 0,451 \$	1,200	\$ 20,860 \$	1,200		\$ 1,200								\$ 1,200					\$ 24,441	1 \$ 1
			\$	20,857		\$ 21	250	\$	21,651	\$	22,060		\$ 22,477	<u>'</u>	\$ 22,90	3	\$ 23,337	1	\$ 23,775	•	\$ 24,231	l	\$ 24,692		\$ 25,162		\$ 2
OTALS TRACTS A,B,C /heeler Field/Tract A tuarry Field/Tract B																											
ye Field/Tract C									1					1				I		1		1					
TOTALS			79,919 \$	5,920	\$ 81,51		920 \$ 8	3,148 \$	5,920	\$ 84,811 \$	5,920	\$ 86,507	\$ 5,920	\$ 88,23	\$ 5,92	1	2 \$ 5,920	\$ 91,80	. \$ 5,920	\$ 93,638	\$ 5,920	\$ 95,511	\$ 5,920	\$ 97,421	\$ 5,920	\$ 99,369	9 \$!

Notes: All production rates are estimated. The other tasks from being performed. Frequency f change costs.

SFN 8/15

			2032		20	33	20	34	203	5	203	36	20	37	203	38	20:	39	20	40	20	141	2	042	20	2043
Description	Qty I	Unit	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Capital	Operating	Сар
rdrossan Property: the Rye	e Field/Tract	C 22.0																								
/aste Receptacles	4	EA	\$	240		\$ 240		\$ 240		\$ 240		\$ 240		\$ 240		\$ 240		\$ 240		\$ 240		\$ 240		\$ 240		\$
enches	4	EA	\$	480		\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$ 480		\$
ractor	1	EA	\$	4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$ 4,000		\$
Nowed walking path	150	HRS	\$ 11,086		\$ 11,308		\$ 11,534		\$ 11,765		\$ 12,000		\$ 12,240		\$ 12,485		\$ 12,735		\$ 12,989		\$ 13,249		\$ 13,514		\$ 13,784	ı
Frimming/Roadside	630	HRS	\$ 49,401		\$ 50,389		\$ 51,396		\$ 52,424		\$ 53,473		\$ 54,542		\$ 55,633		\$ 56,746		\$ 57,881		\$ 59,038		\$ 60,219		\$ 61,423	
Mow Field	24	HRS	1,883		\$ 1,921		\$ 1,959		\$ 1,999		\$ 2,039		\$ 2,079		\$ 2,121		\$ 2,163		\$ 2,207		\$ 2,251		\$ 2,296		\$ 2,342	
Subtotal, Tract C	804		\$ 62,370	4,720		\$ 4,720		\$ 4,720		\$ 4,720		\$ 4,720	\$ 68,862	\$ 4,720	\$ 70,239	\$ 4,720		\$ 4,720		\$ 4,720		\$ 4,720			\$ 77,549	
			;	67,090		\$ 68,338		\$ 69,610		\$ 70,908		\$ 72,231		\$ 73,582		\$ 74,959		\$ 76,364		\$ 77,797		\$ 79,258		\$ 80,749		\$
			· <u> </u>		-		-		_				-		·		· ·				_		_			
Ardrossan Property: the Qu							T																I			
Mow Field	18		5 1,411		\$ 1,440		\$ 1,468		\$ 1,498		\$ 1,528		\$ 1,558		\$ 1,590		\$ 1,621		\$ 1,654		\$ 1,687		\$ 1,721		\$ 1,755	
Mow by Trail	15	HRS	\$ 1,108		\$ 1,131		\$ 1,153		\$ 1,176		\$ 1,200		\$ 1,224		\$ 1,248		\$ 1,273		\$ 1,299		\$ 1,325		\$ 1,351		\$ 1,378	3
Frimming/Roadside	105	HRS	\$ 8,233		\$ 8,398		\$ 8,566		\$ 8,737		\$ 8,912		\$ 9,090		\$ 9,272		\$ 9,458		\$ 9,647		\$ 9,840		\$ 10,036		\$ 10,237	,
Macadam Path Maint.	9	HRS																								
Gravel Trail	1	EA	\$ 665 \$ 2,639		\$ 678 \$ 2,692		\$ 692 \$ 2,746		\$ 706 \$ 2,800		\$ 720 \$ 2,856		\$ 734 \$ 2,914		\$ 749 \$ 2,972		\$ 764 \$ 3,031		\$ 779 \$ 3,092		\$ 795 \$ 3,154		\$ 811 \$ 3,217		\$ 827 \$ 3,281	
Subtotal, Tract B	147	, F	\$ 14,057 \$	-	\$ 14,338	\$ -	\$ 14,625	\$ -	\$ 14,918	\$ -	\$ 15,216	\$ -	\$ 15,520	\$ -	\$ 15,831	\$ -	\$ 16,147	\$ -	\$ 16,470	\$ -	\$ 16,800	\$ -	\$ 17,136		\$ 17,478	
,		_		14,057		\$ 14,338		\$ 14,625		\$ 14,918		\$ 15,216		\$ 15,520		\$ 15,831		\$ 16,147		\$ 16,470		\$ 16,800		\$ 17,136		\$
			_				_		<u>-</u>						- -						•		_			
Ardrossan Property: the Wh Mow Field	ieeler Field/ I 28		\$ 2,196		\$ 2,239		\$ 2,284		\$ 2,330		\$ 2,377		\$ 2,424		\$ 2,473		\$ 2,522		\$ 2,572		\$ 2,624		\$ 2,676		\$ 2,730	
			2,130		2,233		3 2,204		2,330		2,377		J 2,424		2,473		y 2,322		2,372		Ş 2,024		2,070		2,730	
Mow by Trail	15	HRS	1,108		\$ 1,131		\$ 1,153		\$ 1,176		\$ 1,200		\$ 1,224		\$ 1,248		\$ 1,273		\$ 1,299		\$ 1,325		\$ 1,351		\$ 1,378	ş
Macadam Path Maint.	9	HRS																								
			665		\$ 678		\$ 692		\$ 706		\$ 720		\$ 734		\$ 749		\$ 764		\$ 779		\$ 795		\$ 811		\$ 827	
Gravel Trail	1	EA	5 5,278		\$ 5,383		\$ 5,491		\$ 5,601		\$ 5,713		\$ 5,827		\$ 5,944		\$ 6,063		\$ 6,184		\$ 6,308		\$ 6,434		\$ 6,562	2
Ch - d/H Ch			, ,,		, ,,,,,		, ,,,,,,		, ,,,,,		, ,,,,,,,		, ,,,,		* *,*		, ,,,,,		-,		, ,,,,,		, ,,,,,		, ,,,,,	
Shed/Hay Storage	1	EA	\$	1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$ 1,200		\$
School House	-	0			ė .				s -		ė .		ė .		\$ -		¢ .		ė .		ė .		ė .		¢ .	
			, -		,		, -		, .		, .		, -		, -		,		, -		, .		, -		, -	
Trimming/Roadside	200	HRS	\$ 15,683		\$ 15,996		\$ 16,316		\$ 16,643		\$ 16,975		\$ 17,315		\$ 17,661		\$ 18,014		\$ 18,375		\$ 18,742		\$ 19,117		\$ 19,499)
Subtotal, Tract A	252		\$ 24,930		\$ 25,428								\$ 27,524		\$ 28,075				\$ 29,209	\$ 1,200	\$ 29,793				\$ 30,997	
			;	26,130		\$ 26,628		\$ 27,137	<u> </u>	\$ 27,655] [\$ 28,185	<u>[</u>	\$ 28,724	L	\$ 29,275		\$ 29,836		\$ 30,409		\$ 30,993		\$ 31,589		\$
OTALS TRACTS A,B,C																										
Wheeler Field/Tract A																										
Quarry Field/Tract B																										
Rye Field/Tract C					1		1		1		1		1								1		T			
TOTALS					1		1		1		1		1		1		ı		1		1		1			

Notes: All production rates are estimated. The other tasks from being performed. Frequency f change costs.

SFN 8/15

Radnor Township, PA

Open Space Policy - Phase II - 2.A.3 Breakdown of Current Real Estate Tax Revenues into the Three Parcels Considered for Purchase

Tyler Tract - Current Assessed Value Delware County Parcel ID	\$6,460,700 36-04-02463-00			nt Township ıx Revenue	Lost R To Pr	Remaining Revenue on Undeveloped Ardrossan Property	
_	Acres Assess	ed Value					
Non-Township Acquired Property	209.643 \$ 5	5,722,593	\$	21,466			\$ 21,466
Township Acquired Parcel C	27.040 \$	738,107	\$	2,769	\$	2,769	
Total	236.683 \$ 6	5,460,700	\$	24,235			
Montgomery Tract - Current Assessed Value Delaware County Parcel ID	\$7,921,130 36-04-02464-00						
	Acres Assess	ed Value					
Non-Township Acquired Property	74.858 \$ 4	1,989,230	\$	18,715			\$ 18,715
Township Acquired Parcel A	27.654 \$ 1	1,843,118	\$	6,914	\$	6,914	
Township Acquired Parcel B	16.336 \$ 1	1,088,782	\$	4,084	\$	4,084	
Total	118.848 \$ 7	7,921,130	Ċ	29,713	ċ	13,767	\$ 40,181