

Landscapes3 Utilities and Infrastructure Survey Results

Q1 - The availability of safe drinking water from both public and private sources should be a priority in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	69.6%	64
Agree	27.2%	25
No Opinion	2.2%	2
Disagree	1.1%	1
Strongly Disagree	0.0%	0
<i>answered question</i>		92
<i>skipped question</i>		0

Q2 - The expansion of water franchise areas by large investor utilities, and its potential impact on future development, is a concern in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	19.6%	18
Agree	40.2%	37
No Opinion	28.3%	26
Disagree	10.9%	10
Strongly Disagree	1.1%	1
<i>answered question</i>		92
<i>skipped question</i>		0

Q3 - Increases in the cost of public water for residents and businesses are a concern in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	22.8%	21
Agree	44.6%	41
No Opinion	18.5%	17
Disagree	12.0%	11
Strongly Disagree	2.2%	2
<i>answered question</i>		92
<i>skipped question</i>		0

Q4 - The potential contamination of on-site water sources (i.e., private wells) is a concern for Chester County municipalities and residents.		
Answer Options	Response Percent	Response Count
Strongly Agree	46.2%	42
Agree	37.4%	34
No Opinion	12.1%	11
Disagree	3.3%	3
Strongly Disagree	1.1%	1
<i>answered question</i>		91
<i>skipped question</i>		1

Q5 - Please rank the following issues relating to Water Facilities. (1 being highest priority)								
Answer Options	1	2	3	4	5	6	Rating Average	Response Count
Quality of public drinking water	40	21	9	4	1	0	1.73	75
	53.33%	28.00%	12.00%	5.33%	1.33%	0.00%		
Quality of on-lot drinking water (private wells)	15	23	14	5	8	6	2.80	71
	21.13%	32.39%	19.72%	7.04%	11.27%	8.45%		
Quantity of drinking water available from ground or surface sources	6	16	26	14	12	4	3.28	78
	7.69%	20.51%	33.33%	17.95%	15.38%	5.13%		
Cost of public water for residents and businesses	12	9	12	16	17	20	3.90	86
	13.95%	10.47%	13.95%	18.60%	19.77%	23.26%		
Lack of coordinated water and sewage facilities planning resulting in expansion into non-growth areas	9	12	7	14	23	18	4.01	83
	10.84%	14.46%	8.43%	16.87%	27.71%	21.69%		
Acquisition of local water systems by large investor utilities and its potential impact future development	5	4	12	19	12	24	4.33	76
	6.58%	5.26%	15.79%	25.00%	15.79%	31.58%		
<i>answered question</i>								89
<i>skipped question</i>								3

Q6 - Do you have any additional comments on Water Facilities in Chester County?	
<i>answered question</i>	16
<i>skipped question</i>	76

Representative comments are provided below, in order of submission. 16 comments were submitted.

Concern with development and agricultural impact on the quality and quantity of drinking water (stormwater and transportation impacts)
Lack of investment and policy to eliminate contaminants, pollution from farm runoff, housing developments, fracking/pipelines, so that water safe for fishing, swimming.
Additional preservation funds should be invested to preserve land to keep water clean
Smaller water utilities are less viable. Well managed, fairly financed, politically independent, consolidated municipal authorities offer best option at best cost while retaining local control in face of increasing regulation and customer demands.
Groundwater quality and quantity must be protected. Extension of infrastructure into agricultural and less developed areas is costly to taxpayers and imposes financial burdens on municipalities and taxpayers.
The supply of public water should be a role of government supported by tax dollars and rates, not private for-profit corporations. Customers of these public water systems are also responsible for supporting the long term sustainability of these public water systems through rate payments, which typically increase as public water systems realize current budgets and rate structures don't plan well for capital improvements.
Consistent investment in water infrastructure assessment and ongoing improvements is critically important.
Public water utilities should improve data sharing with the County Health Department about converting residences and businesses from wells to public water.
Chester County is developing in a fashion similar to Queens and Nassau County (east of Manhattan and Brooklyn) in the early 20th century. They no longer rely on local water and eventually, that will be Chester County's fate.
Areas with high background nitrate concentrations should be a concern that is addressed.
Water should be priced according to its value. Most water utilities are charging below market prices.
The coordination of water and sewage infrastructure growth is critical in southern Chester County...the restriction to orderly growth appears to be centered on providing sewage infrastructure. Stop trying to control growth through water/sewage infrastructure constraints...control growth through zoning.

Q7 - Availability of adequate sewage facilities and wastewater treatment options should be a priority in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	56.3%	49
Agree	34.5%	30
No Opinion	5.7%	5
Disagree	3.4%	3
Strongly Disagree	0.0%	0
	<i>answered question</i>	87
	<i>skipped question</i>	5

Q8 - State or federal funding for upgrades to municipal public wastewater treatment facilities is needed to ensure wastewater continues to be properly treated.		
Answer Options	Response Percent	Response Count
Strongly Agree	36.8%	32
Agree	40.2%	35
No Opinion	16.1%	14
Disagree	5.7%	5
Strongly Disagree	1.1%	1
<i>answered question</i>		87
<i>skipped question</i>		5

Q9 - Individual on-lot sewage system failures are a concern in Chester County for both property values and potential ground or surface water contamination.		
Answer Options	Response Percent	Response Count
Strongly Agree	36.8%	32
Agree	54.0%	47
No Opinion	3.4%	3
Disagree	5.7%	5
Strongly Disagree	0.0%	0
<i>answered question</i>		87
<i>skipped question</i>		5

Q10 - All municipalities should enact septic management ordinances to ensure property owners with individual on-lot sewage systems properly maintain those systems and are better informed as to how they function.		
Answer Options	Response Percent	Response Count
Strongly Agree	42.5%	37
Agree	47.1%	41
No Opinion	4.6%	4
Disagree	4.6%	4
Strongly Disagree	1.1%	1
<i>answered question</i>		87
<i>skipped question</i>		5

Q11 - Please rank the following issues relating to Wastewater Facilities (1 being highest priority)								
Answer Options	1	2	3	4	5	6	Rating Average	Response Count
Potential ground or surface water contamination due to failure of sewage treatment systems	25	11	16	11	10	4	2.77	77
	32.47%	14.29%	20.78%	14.29%	12.99%	5.19%		
Failure of individual on-lot sewage systems	7	19	14	15	6	6	3.18	67
	10.45%	28.36%	20.90%	22.39%	8.96%	8.96%		
Availability of adequate wastewater treatment options in Growth Areas	21	5	7	13	14	8	3.26	68
	30.88%	7.35%	10.29%	19.12%	20.59%	11.76%		
Proper maintenance of individual on-lot sewage systems	8	17	13	12	15	4	3.30	69
	11.59%	24.64%	18.84%	17.39%	21.74%	5.80%		
Funding for municipal public wastewater treatment facilities	10	14	13	10	12	10	3.43	69
	14.49%	20.29%	18.84%	14.49%	17.39%	14.49%		
Extension of public sewage systems outside of designated Growth Areas	9	12	10	5	12	35	4.25	83
	10.84%	14.46%	12.05%	6.02%	14.46%	42.17%		
<i>answered question</i>								83
<i>skipped question</i>								9

Q12 - Do you have any additional comments on Wastewater Facilities in Chester County?	
Answer Options	Response Count
	13
<i>answered question</i>	13
<i>skipped question</i>	79

Representative comments are provided below, in order of submission. 13 comments were submitted.

all Septic inspectors should be PA certified only.
Chester County should not attempt to control growth by limiting wastewater and public water facilities. Growth comes of its own reasons and brings poorly supported infrastructure when these are used as attempted control. Growth, however, should pay for well designed facilities owned and managed by central municipal authorities.
Wastewater treatment facilities should be concentrated in growth areas and not encouraged in agricultural areas.
The ranking above is unclear...is the extension of public sewage outside of Growth Areas a high ranking due to it being a problem or the desire for it. My ranking intent is that it is a major problem and the failure of Oxford's system is an example of misguided, inappropriate, and incorrect funding in non-growth areas.
DARA facility is fine example of well maintained and operated WWTP.
Consistent investment in wastewater infrastructure and ongoing improvements is critically important, too.
Municipal wastewater treatment systems are in need of additional controls to ensure discharges are causing minimal damage to our surface water
There should be an emphasis on sewage management by municipalities, especially in light of the sometimes complex systems that are now being constructed. There should also be an emphasis on the need for municipalities to properly evaluate needs areas and extend sewers into these needs areas, especially where there is no development planned to help fund the infrastructure construction.
Must look at regionalization of wastewater systems to cost effectively solve these problems.

Q13 - Addressing stormwater run-off and flooding issues should be a priority in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	35.3%	30
Agree	55.3%	47
No Opinion	5.9%	5
Disagree	2.4%	2
Strongly Disagree	1.2%	1
<i>answered question</i>		85
<i>skipped question</i>		7

Q14 - The need to meet more stringent stormwater regulations has significantly increased costs to developers, new home buyers, and property owners undertaking renovations.		
Answer Options	Response Percent	Response Count
Strongly Agree	28.2%	24
Agree	32.9%	28
No Opinion	21.2%	18
Disagree	14.1%	12
Strongly Disagree	3.5%	3
<i>answered question</i>		85
<i>skipped question</i>		7

Q15 - Municipal compliance with updated stormwater management regulations has presented enforcement challenges and increased costs to municipal governments in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	23.5%	20
Agree	42.4%	36
No Opinion	29.4%	25
Disagree	4.7%	4
Strongly Disagree	0.0%	0
<i>answered question</i>		85
<i>skipped question</i>		7

Q16 - Flood insurance rate increases are a concern to property owners within flood prone areas.		
Answer Options	Response Percent	Response Count
Strongly Agree	15.7%	13
Agree	44.6%	37
No Opinion	32.5%	27
Disagree	4.8%	4
Strongly Disagree	2.4%	2
<i>answered question</i>		83
<i>skipped question</i>		9

Q17 - Addressing aging flood control infrastructure (e.g., dams and related facilities) should be a concern in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	26.5%	22
Agree	56.6%	47
No Opinion	14.5%	12
Disagree	2.4%	2
Strongly Disagree	0.0%	0
<i>answered question</i>		83
<i>skipped question</i>		9

Q18 - Please rank the following issues relating to Stormwater Management and Flooding. (1 being highest priority.)									
Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Threats to safety and property due to flooding.	31	8	7	8	6	4	2	2.55	66
	46.97%	12.12%	10.61%	12.12%	9.09%	6.06%	3.03%		
Inability to address pre-existing stormwater issues created by past development	15	20	13	7	5	6	4	3.01	70
	21.43%	28.57%	18.57%	10.00%	7.14%	8.57%	5.71%		
Impact of new development on stormwater run-off and adjacent properties	15	16	11	17	8	4	6	3.30	77
	19.48%	20.78%	14.29%	22.08%	10.39%	5.19%	7.79%		
On-going maintenance and rehabilitation of flood control facilities (e.g., dams)	3	16	12	7	13	7	10	4.06	68
	4.41%	23.53%	17.65%	10.29%	19.12%	10.29%	14.71%		
Costs to municipalities for compliance with and enforcement of stormwater management standards	5	7	11	13	12	12	4	4.13	64
	7.81%	10.94%	17.19%	20.31%	18.75%	18.75%	6.25%		
Costs to developers, new home buyers, and property owners undertaking renovations for compliance with stormwater management standards	5	3	4	9	10	15	19	5.11	65
	7.69%	4.62%	6.15%	13.85%	15.38%	23.08%	29.23%		
Impact of rising flood insurance rates on homeowners	0	5	9	6	11	16	18	5.20	65
	0.00%	7.69%	13.85%	9.23%	16.92%	24.62%	27.69%		
<i>answered question</i>									77
<i>skipped question</i>									15

Q19 - Do you have any additional comments on Stormwater Management and Flooding in Chester County?	
Answer Options	Response Count
	13
<i>answered question</i>	13
<i>skipped question</i>	79

Representative comments are provided below, in order of submission. 13 comments were submitted.

Important to address SW regulations and impacts of climate change. Perhaps areas shouldn't be developed and houses in flood areas should be moved/relocated. I know that might not be practical but some ideas outside of the box need to be considered.
Additional funds should be invested for land preservation and retrofitting key areas in urban centers to minimize flooding and minimize stormwater runoff
Development needs to be discouraged in flood plains. If high flood insurance costs accomplish this - so be it. Runoff needs to be detained and managed so that it does not add to flood peaks on both newly developed and existing development. Ag needs as much sediment reduction measures as construction does.
New construction should be permitted only outside of floodways and stream corridors.
I'm not sure that local municipalities are being presented with "enforcement challenges" as it relates to stormwater management. It just seems that they are not doing their jobs well.
The most effective way to minimize costs and impacts due to flooding is to not build in flood plains.
I think we are not strict enough in our stormwater regulations, and every year we see more and more flooding. New developments need to bear the greatest burden of controlling stormwater.
Storm water mgmt needs to be better coordinated among the individual municipalities to be effective
I think the greatest issue facing Chester County is how are the municipalities going to comply with the MS4/TMDL requirements.
Stormwater is the forgotten utility and comparatively speaking needs a lot more attention than the other water utilities. Stormwater management, when done closer to the source, also addresses flooding.

Q20 - Solid waste disposal is adequately addressed in Chester County through the use of the Lanchester Landfill and the Southeastern Chester County Refuse Authority.		
Answer Options	Response Percent	Response Count
Strongly Agree	15.0%	12
Agree	42.5%	34
No Opinion	31.3%	25
Disagree	10.0%	8
Strongly Disagree	1.3%	1
	<i>answered question</i>	80
	<i>skipped question</i>	12

Q21 - Properly disposing of a growing e-waste stream presents challenges to county residents.		
Answer Options	Response Percent	Response Count
Strongly Agree	27.5%	22
Agree	46.3%	37
No Opinion	21.3%	17
Disagree	5.0%	4
Strongly Disagree	0.0%	0
<i>answered question</i>		80
<i>skipped question</i>		12

Q22 - Properly disposing of hazardous household waste presents challenges to county residents.		
Answer Options	Response Percent	Response Count
Strongly Agree	23.8%	19
Agree	52.5%	42
No Opinion	15.0%	12
Disagree	7.5%	6
Strongly Disagree	1.3%	1
<i>answered question</i>		80
<i>skipped question</i>		12

Q23 - Municipal compliance with solid waste management requirements and the associated costs of solid waste removal is a challenge for municipal governments in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	8.8%	7
Agree	33.8%	27
No Opinion	42.5%	34
Disagree	13.8%	11
Strongly Disagree	1.3%	1
<i>answered question</i>		80
<i>skipped question</i>		12

Q24 - Emerging markets (e.g., energy production, e-waste materials recovery, post-recycled processing) for solid waste disposal, recycling, and reuse should be explored by all related stakeholders.		
Answer Options	Response Percent	Response Count
Strongly Agree	36.3%	29
Agree	53.8%	43
No Opinion	6.3%	5
Disagree	1.3%	1
Strongly Disagree	2.5%	2
<i>answered question</i>		80
<i>skipped question</i>		12

Q25 - Limits to state and federal funding for household hazardous waste and recycling programming directly impact municipal participation in solid and hazardous waste disposal programs.		
Answer Options	Response Percent	Response Count
Strongly Agree	21.3%	17
Agree	31.3%	25
No Opinion	40.0%	32
Disagree	7.5%	6
Strongly Disagree	0.0%	0
<i>answered question</i>		80
<i>skipped question</i>		12

Q26 - Please rank the following issues relating to Solid and Hazardous Waste Management. (1 being highest priority)								
Answer Options	1	2	3	4	5	6	Rating Average	Response Count
Need for long-term landfill waste disposal capacity	33	9	7	2	4	8	2.35	63
	52.38%	14.29%	11.11%	3.17%	6.35%	12.70%		
Limited options for e-waste disposal or recycling	12	12	14	13	5	4	2.98	60
	20.00%	20.00%	23.33%	21.67%	8.33%	6.67%		
Cost of waste removal to residents and municipalities	8	18	10	8	8	8	3.23	60
	13.33%	30.00%	16.67%	13.33%	13.33%	13.33%		
Inconvenience of recycling for residents without curbside pick-up or single-stream recycling	7	12	15	12	8	9	3.46	63
	11.11%	19.05%	23.81%	19.05%	12.70%	14.29%		
Reduction in available municipal recycling programming grants for Act 101 recycling programs	7	12	7	7	15	20	4.04	68
	10.29%	17.65%	10.29%	10.29%	22.06%	29.41%		
Lack of municipal funding for establishing household hazardous waste collection	3	6	10	16	19	10	4.13	64
	4.69%	9.38%	15.63%	25.00%	29.69%	15.63%		
<i>answered question</i>								73
<i>skipped question</i>								19

Q27 - Do you have any additional comments on Solid and Hazardous Waste Management in Chester County?	
Answer Options	Response Count
	11
<i>answered question</i>	11
<i>skipped question</i>	81

Representative comments are provided below, in order of submission. 11 comments were submitted.

Consider charging based on how much you dispose of to decrease waste. Develop compost programs, including limiting resident's ability to put leaf/garden waste in trash. Enact "no bag/bring your own bag" requirements for retail. Enact requirements for businesses to minimize waste. Look to municipalities that have trash reduction requirements (e.g., DC's Trash TMDL). If we reduce waste, the landfill capacity becomes less of a concern.
Education and policies to reduce sources of waste and recycling, as well as importance of recycling.
Manufacturers providing hazardous waste materials should provide and fund cradle to grave costs of the materials they sell - from pharmaceuticals to pesticides.
Every effort should be made to find markets for recyclable items.
The county is too small to explore emerging markets, this issue is a state or national one
While "emerging markets" for waste management might look attractive, they are often not cost effective, and never eliminate environmental concerns.
I think solid and hazardous waste is generally handled pretty well in the County. I think that preserving landfill capacity and continue to innovate with recycling are the priorities.

Q28 - The resiliency, back-up systems, and long-term functioning of the current energy grid is a concern in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	33.8%	27
Agree	43.8%	35
No Opinion	17.5%	14
Disagree	3.8%	3
Strongly Disagree	1.3%	1
	<i>answered question</i>	80
	<i>skipped question</i>	12

Q29 - Municipalities should encourage the use of sustainable non-fossil fuels, such as solar and wind power facilities, in residential and commercial areas.		
Answer Options	Response Percent	Response Count
Strongly Agree	33.3%	27
Agree	33.3%	27
No Opinion	19.8%	16
Disagree	8.6%	7
Strongly Disagree	4.9%	4
	<i>answered question</i>	81
	<i>skipped question</i>	11

Q30 - Distributed small-scale energy generation facilities (micro-grids), including small-scale gas-fired electricity generation facilities and alternate energy, should be further explored to reduce reliance on large scale regional energy plants.		
Answer Options	Response Percent	Response Count
Strongly Agree	21.3%	17
Agree	41.3%	33
No Opinion	28.8%	23
Disagree	8.8%	7
Strongly Disagree	0.0%	0
<i>answered question</i>		80
<i>skipped question</i>		12

Q31 - Municipalities should address the potential impact on local community character of energy generation and distribution facilities.		
Answer Options	Response Percent	Response Count
Strongly Agree	20.3%	16
Agree	53.2%	42
No Opinion	21.5%	17
Disagree	2.5%	2
Strongly Disagree	2.5%	2
<i>answered question</i>		79
<i>skipped question</i>		13

Q32 - Addressing the land-use and environmental impacts as well as the safety of natural gas and hazardous liquid transmission pipeline projects and related energy distribution facilities is a concern in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	37.5%	30
Agree	36.3%	29
No Opinion	17.5%	14
Disagree	6.3%	5
Strongly Disagree	2.5%	2
<i>answered question</i>		80
<i>skipped question</i>		12

Q33 - Expanded transmission pipeline capacity provides economic benefits to the residents of Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	9.0%	7
Agree	32.1%	25
No Opinion	32.1%	25
Disagree	10.3%	8
Strongly Disagree	16.7%	13
<i>answered question</i>		78
<i>skipped question</i>		14

Q34 - Please rank the following issues relating to Energy Generation, Transmission, and Distribution. (1 being highest priority)									
Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Encouraging the use of renewable energy generation options	16	12	15	10	4	2	3	2.87	62
	25.81%	19.35%	24.19%	16.13%	6.45%	3.23%	4.84%		
Supporting the long-term sustainability of energy generation and distribution through alternative fuels	17	17	4	3	5	7	6	3.12	59
	28.81%	28.81%	6.78%	5.08%	8.47%	11.86%	10.17%		
Addressing the land-use and environmental impacts and safety concerns of transmission pipelines	17	7	9	6	7	5	7	3.38	58
	29.31%	12.07%	15.52%	10.34%	12.07%	8.62%	12.07%		
Continuing the requirement for utility company purchase of excess electricity generated from renewable energy generation sources	9	12	8	8	9	8	15	4.16	69
	13.04%	17.39%	11.59%	11.59%	13.04%	11.59%	21.74%		
Promoting small-scale energy generation facilities that provide energy on a local basis.	3	7	12	15	7	10	7	4.21	61
	4.92%	11.48%	19.67%	24.59%	11.48%	16.39%	11.48%		
Utility company allowance of solar and wind electricity generation systems to co-use distribution facilities	2	7	13	8	9	14	7	4.42	60
	3.33%	11.67%	21.67%	13.33%	15.00%	23.33%	11.67%		
Addressing the impact on community character of energy generation and distribution	5	6	5	10	13	11	10	4.55	60
	8.33%	10.00%	8.33%	16.67%	21.67%	18.33%	16.67%		
								<i>answered question</i>	70
								<i>skipped question</i>	22

Q35 - Do you have any additional comments on Energy Generation, Transmission, and Distribution in Chester	
Answer Options	Response Count
	12
<i>answered question</i>	12
<i>skipped question</i>	80

Representative comments are provided below, in order of submission. 12 comments were submitted.

Need to promote renewable energy in a way that can be used by the existing transmission system. Also, need to encourage conservation of energy--less AC use by businesses and residents.
Power outages are so common in southern Chester County that many home owners with wells have their own generators. The place of government with regard to energy generation, transmission and distribution is public safety, local environmental concerns and advocating for reliability in distribution. It should not attempt to become a utility.
Coal, nuclear and gas powered energy plants should be phased out, and replaced with solar, wind and other renewable energy sources.
Storm related disruptions are increasing causing significant impact to residents. Long term utility facility management needs to be considered.
No one likes our current methods of energy distribution so that is all the more reason to encourage renewable energy at each home
State and federal emissions restrictions are resulting in the death of microgrids.
I think these are all important, and many people are unaware how much these issues may/will impact the foundation of our current society and economy (energy).
Alternative energy, especially wind power is not economically beneficially in the county.
Need a comprehensive energy policy that takes into account all of our resources.

Q36 - Improving cellular communications infrastructure to address cell phone coverage and eliminate dropped calls and "dead zones" should be a priority in Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	16.5%	13
Agree	39.2%	31
No Opinion	21.5%	17
Disagree	16.5%	13
Strongly Disagree	6.3%	5
	<i>answered question</i>	79
	<i>skipped question</i>	13

Q37 - The need to provide additional cellular communications infrastructure, including towers and mini-towers, should not come at the expense of deteriorating the visual character of Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	28.8%	23
Agree	36.3%	29
No Opinion	21.3%	17
Disagree	12.5%	10
Strongly Disagree	1.3%	1
	<i>answered question</i>	80
	<i>skipped question</i>	12

Q38 - Variations in local land use regulations on the visual impacts of cellular communications towers across multiple municipalities has had a negative impact on cellular signal coverage.		
Answer Options	Response Percent	Response Count
Strongly Agree	5.1%	4
Agree	25.6%	20
No Opinion	48.7%	38
Disagree	15.4%	12
Strongly Disagree	5.1%	4
<i>answered question</i>		78
<i>skipped question</i>		14

Q39 - Telecommunications transmission lines/infrastructure (fiber optics / coaxial cable) should be available in all areas of Chester County.		
Answer Options	Response Percent	Response Count
Strongly Agree	14.1%	11
Agree	52.6%	41
No Opinion	23.1%	18
Disagree	7.7%	6
Strongly Disagree	2.6%	2
<i>answered question</i>		78
<i>skipped question</i>		14

Q40 - All Chester County residents should have public access to broadband utility services (high speed internet) via public libraries, community centers, job training centers, etc.		
Answer Options	Response Percent	Response Count
Strongly Agree	43.8%	35
Agree	36.3%	29
No Opinion	15.0%	12
Disagree	2.5%	2
Strongly Disagree	2.5%	2
<i>answered question</i>		80
<i>skipped question</i>		12

Q41 - Please rank the following issues relating to Communications (Internet/Telephone/Cable). (1 being highest priority.)									
Answer Options	1	2	3	4	5	6	7	Rating Average	Response Count
Free public accessibility to broadband utility services (aka high speed internet) via public libraries, community centers, job training centers, etc.	12	16	10	5	10	5	2	3.13	60
	20.00%	26.67%	16.67%	8.33%	16.67%	8.33%	3.33%		
Disadvantages for schools and businesses lacking access to telecommunications infrastructure	10	10	12	15	9	8	1	3.48	65
	15.38%	15.38%	18.46%	23.08%	13.85%	12.31%	1.54%		
Cell phone service coverage across the county for all cell phone users	22	4	5	3	13	5	9	3.52	61
	36.07%	6.56%	8.20%	4.92%	21.31%	8.20%	14.75%		
County wide accessibility to telecommunications infrastructure (fiber optics/coaxial cable)	4	12	12	15	5	11	3	3.81	62
	6.45%	19.35%	19.35%	24.19%	8.06%	17.74%	4.84%		
Socioeconomic disadvantages created by the lack of universal access to high speed internet	9	11	10	7	6	7	10	3.85	60
	15.00%	18.33%	16.67%	11.67%	10.00%	11.67%	16.67%		
Visual impacts created by increasing the number of cellular communications towers across Chester County	10	4	8	4	8	13	13	4.45	60
	16.67%	6.67%	13.33%	6.67%	13.33%	21.67%	21.67%		
Potential for rapid advances in technology to make recent communications infrastructure investments obsolete	1	9	9	12	7	11	20	4.86	69
	1.45%	13.04%	13.04%	17.39%	10.14%	15.94%	28.99%		
								<i>answered question</i>	70
								<i>skipped question</i>	22

Q42 - Do you have any additional comments on Communications (Internet/Telephone/Cable) in Chester County?	
Answer Options	Response Count
	6
<i>answered question</i>	6
<i>skipped question</i>	86

Representative comments are provided below, in order of submission. 6 comments were submitted.

Primary concern should be for communication capability and reliability for emergency personnel-police, fire fighters, ambulance, hospitals.
Communications are a mixed bag throughout Chester County. As cellular and fiber has spread - copper/wired facilities of utilities have deteriorated. If a utility sells a communication service - it should maintain it and provide reliable service or it should offer another option.
Get rid of the utility poles and bury the telecom & power cables!
My experience is that coverage is good in the County. I think the biggest issue is access for those not as well off as most or in remote areas of the County.

Q43 - How are you involved with utilities and infrastructure? (Please check all that apply.)		
Answer Options	Response Percent	Response Count
Municipal official (elected or appointed)	13.7%	10
Municipal staff (e.g., manager, code officer)	17.8%	13
Municipal consultant (e.g., engineer, planner)	4.1%	3
State or County Government Employee	30.1%	22
Industry Professional	6.8%	5
Interested citizen	27.4%	20
Student	0.0%	0
Other (please specify) - see below		7
	<i>answered question</i>	73
	<i>skipped question</i>	19

Other:
More than one category applies (2)
Teacher
PC member/municipal engineer
Municipal Authority Manager
Not directly involved with process (2)

Q44 - Any additional comments.	
Answer Options	Response Count
	5
<i>answered question</i>	5
<i>skipped question</i>	87

Representative comments are provided below, in order of submission. 5 comments were submitted.

Critical to consider climate change, sustainability, extreme weather (floods, drought) and ability of emergency personnel to address concerns.
Co-ordinate / take control of utility work, so that the roads are trenched, and all utilities are routed underground, together (the way the cities do it).