

## Fairfax County Environmental Vision Update

### Q1 What do you think are the top three environmental concerns facing the county?

Answered: 284 Skipped: 1

#	Responses
1	1. Global warming 2. Air quality 3. Water handling (runoff, etc.)
2	1-Climate Change 2-Conservation 3-Sustainable Living
3	Traffic congestion which contributes to air pollution Water pollution Lack of open spaces
4	1) Uneducated people about the impact that their habits and practices influence the environment. 2) A system that encourages land usage that will increase tax revenues for the county at the expense of environmental stewardship. 3) Water quality
5	Water quality, invasive species, development and new builds.
6	1. Keeping our natural spaces natural so native wildlife and plants can live in a natural environment. 2. Smarter growth and transportation ideas and implementation to eliminate unnecessary impacts on citizens. 3. Identify the impacts of climate change on the county and what the county can do to lessen the impact.
7	Overreach against property owners, caring more about trees than people, creating bike lanes that make society worse.
8	- Human health, which is degraded by ever-widening roads with no safe means of crossing. The County should ensure that all staff, regulations, and developers recognize the importance of safe outdoor spaces. The County's Transportation Plan and network continues to reflect a suburban highways bias and should be completely updated to eliminate antiquated solutions, such as a prevalence of overpasses and pseudo-highways, which create barriers and decrease our quality of life. - Biodiversity, which can be improved lot by lot. Arlington County has a good program, which the County could emulate. - Development practices, such as water infiltration, soil improvement, and adequate root spaces, which can improve water infiltration, improve tree health, and lead to better human health outcomes.
9	Stormwater Management Reducing Fossil Fuel Dependence (less cars, more public transportation, bikes, walkability) Preserving recreational (passive & active) green open spaces
10	1) Sound land use planning. 2) Preservation of natural areas, especially mature trees. 3) Protection of water quality.
11	safe drinking water habitat protection more parks
12	1. dealing with the consequences of climate change 2. traffic 3 loss of open space
13	Preserving clean air, clean water and controlling rabid animals.
14	plastic grocery bags, traffic/air pollution, litter
15	1. Public Safety 2. Preservation of and access to natural areas 3. Clean water and air
16	1. Lack of Environmental Leadership--Fairfax seems to be lagging behind neighboring counties and cities 2. Business Interests trump environmental policy--There is room for both, Many US cities put Environmental Public Policy first, and economic development follows naturally, and robustly. 3. More roads=more traffic=more pollution (air/water)
17	1. Population growth 2. Increased greenhouse gas emissions 3. Natural habitat destruction
18	Reliance on fossil fuels. Natural gas pipelines are often touted as sources of "clean" energy. This is an untruth.
19	Climate change; air quality and transportation; water quality.
20	Traffic, wastewater/water pollution, open space
21	Climate Change, Air Quality Impacts from Transportation, Preserving Open Space and Tree Canopies
22	1. Climate change and the corresponding need to cut the county's direct and indirect CO2 emissions from energy usage, and to cut methane emissions from landfills. 2. Ozone reductions by all means possible.
23	1. Stormwater runoff that effects water quality, biodiversity and the ability of the surrounding land to support appropriate; 2. Residents and businesses that are uninformed or indifferent to their contribution to the degradation our environment through damaging land management practices and choices; 3. Loss of habitat for beneficial insects and birds.
24	Storm water runoff, and the impervious surfaces that lead to it; Park, trail, and school ground maintenance; traffic

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25	Transportation. More RELIABLE public transportation to metro hubs. Less cars on the road. Make developers pay more for infrastructure. Education of students about their environmental responsibility which translates to education of parents. Protecting green space
26	Open space/Land use Water quality Climate change/Air quality
27	Air Quality, Water Quality and Solid Waste
28	growth, environmental education and conservation efforts
29	Climate change - mitigation and adaptation Drinking water quality erosion from storms
30	1. Too much growth in Fairfax County 2. Losing open space to widening of roads and more buildings need more green space more trees more wild space less landscaped space 3. Improve walking safety for pedestrians
31	Climate Change Impacts: Investing in mitigation, adaptation, educating citizens Building codes/targets short of possible & of many neighboring jurisdictions (Montgomery County/DC/...) Not aggressive enough targets for energy efficiency and environmental stewardship in building codes & mandates (for public and private buildings) Transportation pollution
32	Growth and land use - too much, too quickly Lack of conservation of natural resources Lack of climate change plan
33	stormwater management; air quality; land use
34	Preservation of existing undeveloped spaces. Need for kitchen waste composting collection pgm. Need for more/wider shoulders on roadways to accomodate bicycle riders safely.
35	Land use planning: Public spaces should be designed to mitigate the affects of changing climate. Less impervious surface, and more space for infiltration and buffering. Biodiversity - re-establishing native plants to support native biotic life. Private homes need to be educated on how to implement these types of projects privately, and funding should be available to support homeowner projects. Public Housing should be a model for how to design with sustainable landscaping and food in mind. Toxins - using environmentally friendly approaches to manage public and private properties. For example, glyphosate is used by our public parks, but it has been declared "probably carcinogenic" by European researchers. It is known to kill soil biota, which is the basis of the entire food web. Water - Chloramine flushes are not safe for our county. <a href="http://www.vce.org/ErinBrockovichChloramination.html">http://www.vce.org/ErinBrockovichChloramination.html</a>
36	Climate change, air pollution, preserving open space
37	Air pollution "Un-mixed" development, Global climate change.
38	Water, solid waste and parks and recreation
39	(1) Stormwater runoff (a multi-faceted problem from damaged local ecology to impacts on the Chesapeake Bay) (2) Wildlife management - deer are having huge impacts on the ecology of our forests (3) Growing population and use of cars
40	Traffic, pollution, and green spaces.
41	Climate change Growth and land use Transportation
42	Growth and land use , solid waste, environmental stewardship.
43	Air quality Water quality Solid waste
44	1 - Water quality - polluted streams and future potable reserves 2 - Greater emphasis on flora and fauna preservation. Critter corridors 3 - Air quality
45	Rampant development without consideration of an aged infrastructure, air pollution and loss of green space.
46	Air quality, water quality and solid waste imports
47	1) Addressing climate change 2) Minimizing pollution 3) Preserving public land/recreational areas
48	1. Clean water; 2. keeping more green space; 3. Air Quality (maybe through more use of mass transportation)
49	water quality management Wildland Habitat restoration and preservation Alternate energy policy, including more safe bicycle commuting routes
50	IV. Solid Waste, reducing harmful emissions from the MSW incinerator: Tolerances are set too high by VA and DEQ for toxins emissions. Emissions monitoring is minimal due to permit-by-rule. Probable extreme exceedences during maintenance and repair are exempt from monitoring requirements. Add requirement that all industrial waste deliveries be identified and announced in advance to neighbors. Municipal solid waste to energy is not clean power.
51	Flood Trees falling down

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52	Climate change, water issues, habitat loss
53	climate change
54	1. Dumping in neighborhood creeks, streams and gutters (yard chemicals and yard litter/debris. 2. Builders clear cutting land - removal of trees affecting air quality and runoff. 3. Unrestricted sale and import of invasive species of plants, including landscape favorites.
55	Water pollution/stream management over development lack of citizen involvement in addressing concerns
56	1. impact of climate change 2. environmental stewardship 3. water quality
57	Climate Change (reduce dependence on fossil fuels, encourage green energy production and use) Clean Water Clean Air
58	Over development Air Quality Loss of trees/green space
59	Local impacts of climate change; water availability and quality and offset of urban impacts
60	The effects of climate change; how to manage growth; renewable energy
61	Responding to climate change by 1. Promoting use of renewable energy, 2. Reducing use of fossil fuel-based energy, and 3. Promoting mass transit.
62	Over-development and its detrimental effects on air, water and wildlife. The dangers to our communities both human and non-human can be seen in a variety of ways. I am seeing a steep decline in bird and pollinator populations within the county. Without a radical rethinking of how we view the land, we will continue towards a disaster.
63	Sprawling development/growth Inefficient Transportation (auto-centric) Stream and Waterway contamination (combined sewer outfall, erosion, sedimentation, etc.)
64	Land Use & Growth - There doesn't seem to be a overall master plan and sufficient controls across the county. Water quality - Alternatives must be found to improve water quality as an alternative to chlorine Transportation - Public transportation, encouraging the use of electric cars, and high speed rail need to a priorities.
65	Climate change
66	Climate Change Building resiliency for extreme weather events and flooding along the Potomac Reducing carbon pollution
67	1. Climate Change 2. Growth/land use 3. Air & water quality
68	Climate change is a huge concern and should be part of the document.
69	reducing carbon emissions improving transit options greater use of clean, renewable energy
70	growth environmental stewardship water quality
71	1-Traffic congestion because of our reliance on private cars exacerbated by a lack of public transportation, sidewalks, bike lanes. 2- climate change because of our lack of renewable energy. 3-lack of awareness, education on living more sustainably by County residents
72	climate change, pollution (air, water, soil), need for green space
73	1.) Pollution 2.) Overpopulation 3.) Loss of land resources
74	air pollution, water pollution, maintaining green spaces
75	1. Climate Change and it's consequences such as public health, environmental, and sea-level rise issues. 2. Energy Efficiency in all County Govt. Departments and public education via an energy dashboard and other avenues. 2. Sustainable, renewable energies, and use of "smart" energy efficiency technology to measure and to share data.
76	Climate Change Ignorance about the degraded state of the environment in Fairfax County Unwillingness to take responsibility
77	1. Excessive impermeable surfaces creating runoff that degrades our watershed 2. Overdevelopment and destruction of habitat 3. Fragmentation of natural areas making it impossible for many species to travel/migrate safely and ensure their long-term viability
78	Surface water run-off Lack of native plants Climate change
79	Water run off from rain and high population density, stream erosion Maintaining wildlife corridors with native plants Balancing population and business growth with the environment
80	growth/land use, water quality, air quality.

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81	Land Use Air & Water Quality Environmental Stewardship
82	Development that leads to storm water flooding, erosion and stream, river, bay degradation. Lack of safe pedestrian and bike sidewalks and paths to decrease need for autos. Open and common land for the increased population.
83	1. Excessive deer population and invasive plant growth. 2.Lack of interconnected natural open spaces 3. Lack of native plantings by VDOT and too much mowing
84	Increased Storm Water runoff is degrading the county's stream valleys. Planning is permitting too much new impervious surface in development. There is not a strong enough incentive to use less energy, to build using higher energy efficiency standards, and to recycle more responsibly.
85	clean air clean water more open space
86	Population density and traffic: Too many large houses are being crowded in on small lots.
87	1) loss of tree canopy due to infilling, 2) reduction in greenhouse gas emissions, 3) availability of sustainable energy sources
88	Automobile pollution and congestion. Noise pollution caused by yard maintenance crews (LOUD lawnmowers and leaf blowers). Too much solid waste that could be recycled.
89	* Maintenance of living standards while concentrating residents in new town centers. * Maintenance and expansion of green space as residents become more concentrated. * Reducing the average per-resident usage of natural resources, however defined.
90	Walkable communities public transportation more public spaces (parks, playgrounds, etc.)
91	Air quality, water. quality, preservation of public open space
92	We need to reduce our dependency on fossil fuels and innovate ways to use renewable sources of energy.
93	1) We need a plan to effectively slow the rate and magnitude of climate change, which includes a strategy to significantly reduce both carbon dioxide and SLCPs. This is critical and should be our utmost priority. Also, 2) Environmental Stewardship; and 3) Water & Air Quality
94	proper land management to prevent soil erosion and water contamination. Maintaining air quality by improving mass transit
95	1) Increasing Traffic causing air and noise pollution as well as lost productivity, 2) deteriorating infrastructure(eg roads) in county and municipality, 3) increasing land development
96	Growth & land use Water quality Solid waste
97	air pollution traffic
98	1. Population growth/development 2. Need to put aside more land for parks, wildlife and natural buffering 3. air pollution
99	Solid waste management, water pollution, parks.
100	Growth and Land Use Parks and Land Use Environmental Stewardship
101	Growth and land use Air quality Water quality
102	Water quality Air quality Lack of Reuse
103	environmental stewardship air quality water quality
104	1.additional Housing need for those with disabilities, homeless, and low income 2. poor air quality (due to increased traffic) 3. water quality
105	Traffic congestion affecting air quality, mental and physical well being of commuters and time wastage.
106	Land Use & growth Water quality Climate change
107	Climate change Dependence on fossil fuels (which contribute to climate change! All residents also hate sitting in traffic due to sprawl) Nature preservation
108	Reversing Climate change; Reducing reliance on fossil fuels; Making environmental matters more visible in school curricula
109	too much car traffic, degrading quality of life; climate change (we are not building sustainably and aren't pushing solar); water pollution

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110	1. climate change/greenhouse gas emissions 2. low use of renewable energy 3. residential and commercial low adoption of energy efficiency methods
111	Keeping air and water clean. Improving mass transit opportunities to lower traffic, emissions, congestion.
112	1. Public Outreach & Education (Residential) 2. Public Outreach & Education (Commercial - Especially Places of Worship, Non-profit, & Schools) 3. Facilities & Technologies That Can Grow With the Residential Boom to Capture Hazardous Waste - New HHW Facility & Recycling Measures
113	I believe climate change is going to be a major factor in urban design going forward and we need to address our design practices including sustainability and environmental responsibility. I personally have been working on this effort by reducing my reliance on fossil fuels via household efficiency upgrades, and the materials I use in my house that require no fossil fuels byproducts.
114	Climate change Population growth Need to preserve open space, which may outweigh development
115	Over development without supporting infrastructure, polluted water, lack of green space
116	1) Proving transit alternatives resulting in reduced vehicle miles traveled. 2) Providing incentives for community solar, and rooftop solar, reducing our dependence on energy sources that cause climate change. 3) Greater tree cover and access to green spaces.
117	As everywhere, climate change has begun to have serious impacts on our environment. We need new, serious proposals to make public transport more widely accessible. Businesses are the major source of growth but do not contribute a fair share of resources to affect needed change.
118	water quality, air quality, environmental stewardship
119	Air pollution, water pollution, preserving green space.
120	1. High cost of driving an electric car 2. Changing climate 3. Electric vehicle service equipment placement and pedestrian paths from stations and businesses
121	Global Warming Loss of green / natural space to development Water pollution from fertilizers and other runoff
122	too much traffic- either on roads or in hi density condos
123	Energy, wealth, and weather
124	Use of renewal energy, decreasing use of fossil fuels, ensuring quality of air and water
125	1. Air pollution 2. Splayed development poor community planning, lack of sidewalks and access to shopping, work & transit 3. "Natural" experiences for children
126	Air quality Water quality Open space
127	1. Environmental stewardship 2. Parks Trails, Open space 3. Growth & Land use in no order.
128	Growth/Land Use, Air Quality, Sustainability/Stewardship
129	High consumption of petroleum fuels- also a national and world problem Poor traffic planning, resulting in long traffic jams and lots more pollution Inadequate mass (esp bus) transportation
130	Air pollution. Need to do more on renewable energy. Need more rapid transit; less widening of roads.
131	-Climate change and associated problems -Habitat loss affecting migratory songbirds and pollinators -Unsustainable housing developments - large, energy-inefficient houses built on small lots, requiring removal of mature canopy.
132	1. Climate change - It will have an effect on the health of our residents, and on the use of public resources 2. Over-congested roads - there is a direct contribution to air pollution, and any expansion of the roads is generally at the expense of open space 3. A failure to optimize recycling of paper, plastic, and glass - there are a lot of plastic goods, in particular, that could be recycled (and picked up in conjunction with trash pickup) that could be, in part because it is not clear what is accepted, and in part because people don't make the effort
133	Climate change through pollution brought about by factories and fossil fuel use Lack of awareness or concern about limited resources, such as water and land with wooded areas Overproduction of waste through use of disposable or flimsily built items that cannot be repaired or reused
134	climate change
135	land use and quality of life climate change and emissions
136	1. Overly dependent on automobiles - mea culpa. 2. Inappropriate use of synthetic polymers- end the use of polyethylene bags for daily shopping would be a good place to start. 3. Get more aggressive with mandatory recycling.

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137	1. Climate change 2. Air pollution 3. Decreasing undeveloped space
138	1) Dependence on fossil fuels leading to global climate change - need incentives for solar roof top installations; 2) loss of green space, trees, undeveloped land, etc. which makes the air and water pollution problems worse; 3) plastic waste from bag, bottles and the like.
139	Climate change, traffic growth, waste disposal/sustainability.
140	Putting "increase tax revenue" by more in-fill development rather than saving smaller parcels for parks, ball fields, trails, and general open space. Reducing traffic congestion and the related emissions. Need to REDUCE and/or eliminate county population growth, and possibly even make efforts to reduce the existing county population...if you keep building more residential units and having government programs that support people that can't even afford to live in the county, we will continue to have an influx of people.
141	Water quality Mosquito disease transmission Land use
142	Traffic Not enough parking spaces Too many bike on the roads, which should be for the cars whose gas taxes pay for them.
143	Population growth. Degradation of park lands. Transportation overload.
144	degraded watershed dependance on fossil fuels climate change
145	1. climate change - dependence on fossil fuel 2. clean water - lead poisoning children 3. stewardship of public lands
146	- storm-water management - maintenance of parks and improvement/stewardship of open spaces (while I agree with procuring as much open space as possible, operationally, there don't seem to be sufficient funds to prevent the onslaught of invasive plants and animals). -awareness among the general population of stewardship issues and their impact on the environment.
147	Climate change, the Hubbert peak of fossil fuels, and balancing growth with environmental concerns.
148	Air quality, water quality, safe accessible (within walking distance) parks
149	Greatly reducing the reliance on fossil fuels Enforcing and improving laws for both residential and business construction to minimize detrimental environmental impacts on water and air quality Increasing and promoting natural areas for the benefit of all residents
150	More PUBLIC transportation Air & Water Quality Land use
151	polluted waters; climate change and its effects on air and soil quality, in particular. I am also concerned with the condition of roadways and the failure to use better materials. I admit that now that I see how HOV lanes run, I consider them an unjust and inust way of operating. Workers who need accelerated transportation to make punctilious worktimes, etc., are often the least able to pay the increased cost, especially as an additional daily expense. And worst, by conviscating three lanes for those who can pay extra, you have reduced or hampered the smooth flow. FOR all those reasons, and the economic ones, I vote for rescinding the HOV lanes, putting them back into universal access, increasing investment in public construction with good subcontracting and use of effective , environmentally safe materials in order to revamp the roadways and other transportation modalities..
152	Climate change, eliminating fossil fuels, using solar and wind power
153	Sprawl, Climate change, and recycling.
154	Overpopulation. No green space left.
155	Pure water in sufficient quantity Growing piles of Solid Waste Need for more open space and parks
156	Climate Change created by: Poor land use planning creating painful traffic. Inadequate transit infrastructure so no alternative to painful traffic. Homes that are too large and consume too much fossil fuel energy.
157	Increase park land. Increase incentives for farmers to provide local food sources. Limit population and traffic.....
158	Significant reduction of green space and pollution from cars.
159	Solid waste management/Lorton Landfill Water Quality - Vulcan Quarry Maintaining Parks, Trails & Open Space
160	growth and land use transportation
161	Poor enforcement of existing trash / waste disposal laws; poor or no incentivization of citizens to be part of the solution to environmental concerns Damage caused by the automobile, specifically, its overuse.
162	Water Quality Air Quality and Transportation Environmental Stewardship
163	1. The detachment of the citizens of Fairfax County to the environmental problems surrounding them 2. Land usage 3. Water quality

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164	1. air quality--locally and the larger issue of greenhouse gasses and global warming 2. pollution from low-mileage vehicles 3. pollution from excessive dependence on electricity from coal-burning power companies such as Dominion Electric
165	air pollution from cars and businesses (telecommuting should be encouraged) litter and pollution of bodies of water developments reducing natural wildlife habitats
166	Loss of open space Polluted waterways Air pollution
167	1) climate change; 2) sale of invasive species by plant sellers; 3) public access to insecticides that harm beneficial insects when misused uneducated applicators-greater education needed at point of sale.
168	climate change, monoculture farms and the lack of ecology education in the youth
169	* the county allows developers to bring in too many new apartments and condos without requiring the developers to build the infrastructure to support those new residents, causing a lot of new traffic and pollution and heavy burdens on the schools * the county has NOT been keeping streams clean and trails clear * the county did not plan the Fairfax County Parkway or some other roads well, putting in traffic lights where there should have been ramps and not making it easy for pedestrians and bikers to get from one side of the road to the other
170	1. Effects of Climate Change and more extreme weather events, especially flooding. 2. Global warming effects on the economy. 3. Local pollution of air, water, light, noise
171	Climate change, including the need to increase energy efficiency and renewable energy; Air quality issues; Need for permanent funding for mass transit
172	Too many cars, not enough convenient alternatives Storm water run off causing degradation of our streams. Loss of habitat, disconnected habitat.
173	1. Preserving more natural lands with walking and biking trails, and keeping them wild (with key wildlife breeding areas identified for off-limits to the public) 2. Vastly decreasing commercial and residential water and air pollution in the county, including from using pesticides, herbicides, fungicides, and fertilizers; and including support for solar, electric cars, and strong increased greening, with native species, of commercial and residential properties (with plant species that support healthy native insect, herp, and bird populations) 3. Environmental education of children and adults, through schools, religious organizations, local businesses, libraries, county offices, neighborhood organizations and resources, local festivals, media, etc.; more events in local natural areas designed to increase familiarity and support while not destroying or overburdening these areas
174	Climate change Suburban sprawl Stream water quality
175	Climate change Energy usage
176	Air pollution Water pollution land/soil pollution due to waste and pesticides/herbicides
177	air quality water quality quiet time
178	Climate change impacts on air, water, and low-lying areas, dependence on fossil fuels, severe weather due to climate change
179	Dependence on fossil fuels Air pollution
180	energy conservation in existing buildings storm water control during development more open transportation grid to reduce traffic on main roads by allowing more connections within neighborhoods, thus less travel distances and less pollution.
181	climate change, water quality, air quality
182	Car Pollution, reducing trips by car Water Quality, preserving safe drinking water and providing safe water infrastructure, and health of the bay Preserving green space and establishing space for green areas along roads and sidewalks.
183	Stormwater Solid Waste Air Pollution
184	1. Too many townhouses being built 2. Failure of developers to ensure adequate road structure around developments 3. Too much of the county's funds devoted to schools leaving other agencies short.
185	Loss of tree cover, invasive plants and climate change causing more natural disasters and more money to clean it up.
186	1.Degraded park land, mainly from invasive species. 2. Dependence on fossil fuels. 3. Polluted water resources.
187	air pollution, expanding carbon-free sources of transportation like walking and biking, and reducing dependence on fossil fuels
188	The use of command rules instead of incentives to improve the environment is the one big issue.

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189	Reduction of greenhouse gas emissions. Biodiversity conservation Improved watershed management
190	1. Not enough preservation of open space during land development. 2. Invasive plants and animals on private and public land impacting environmental quality. 3. Too much use of pesticides by industry and public.
191	Solid waste, air quality, water quality
192	degraded opportunities for open space; degraded urban forest through development, invasives, deer; water quality of our creeks
193	1) Decades of having the DOT focus on roadway infrastructure that supports and encourages solo driving as the primary mode of transportation. Fewer solo drivers means less air pollution, less noise pollution, fewer impervious surfaces that result in runoff, more land for trees and so forth. This is our biggest environmental issue period.
194	Diminishing tree cover Pollutant run-off into waterways Overuse and underregulated use of mosquito and other sprayed pesticides
195	Too much regulation.
196	water quality; park, trails, open space; Transportation/air quality; loss of tree canopy
197	Urban Sprawl Deforestation Transportaion
198	1) Air quality due to traffic congestion. 2) Regarding the recent brouhaha about the new zoning plan ( <a href="https://www.washingtonpost.com/local/virginia-politics/fairfax-activists-challenge-zoning-plan-that-could-allow-much-higher-densities/2016/06/09/54bd93e6-2c0f-11e6-9de3-6e6e7a14000c_story.html">https://www.washingtonpost.com/local/virginia-politics/fairfax-activists-challenge-zoning-plan-that-could-allow-much-higher-densities/2016/06/09/54bd93e6-2c0f-11e6-9de3-6e6e7a14000c_story.html</a> ), which I support, a brief vision statement and more explicit plan statement can be made regarding coordination with and dedicated funding for FCPS where these new growth areas are projected. Communities should have a reasonable expectation that they can grow and maintain or increase the quality of their children's education. 3) Plastic shopping bags. Cheap, reusable, and cleanable bags are rampantly available. It's time to disincentivize the use of plastic shopping bags.
199	Land use, waste management, and pollution (air & water).
200	transportation, construction of housing and public buildings, disappearing open space land
201	Recycling, solid waste management, water quality
202	Larger environmental impact on the nation and the world. Limiting the carbon footprint. increasing walkability throughout the County, providing more interesting environments for people to choose walking as part of their everyday lives.
203	1. Air and water quality 2. Conservation of open spaces 3. Solid waste disposal
204	Water Quality
205	We need to recycle every thing and focus on buying with recycling in mind. Adequate walking trails that connect with community. centers
206	Air quality, water quality and solid waste
207	Too much development (mixed use is too much!). Improve water quality/runoff. Add more park land.
208	Everything! There are no "top three."
209	Protecting our water resources. Guarding our air from pollution. Unrestrained, crowded building leading to too many motor vehicles.
210	Lack of green space, parkland, and natural spaces. Developers and building owners not following good environmental practices (i.e. Replacing trees, using permeable paving, recycling etc. ) Not utilizing available spaces (school grounds, street medians) to plant trees.
211	Climate change (adapting for, doing our part to mitigate) Preservation of open space Water quality
212	climate change - need energy efficiency and less cars air quality - reduce car use to reduce particulates biodiversity - increase open space and native plants
213	climate change and energy use land use and the effect on water quality raising environmentally conscious children
214	Over building and lack of green space. Diesel fumes from trucks/buses and chemical use on lawns by the general population and farms.
215	relieving transportation congestion sustainable recreational parks and facilities waste management and water quality
216	Water quality, wildlife, development
217	traffic, public transportation, open space

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218	1. Increase park land to protect it from development 2. Pass/ enforce standards requiring businesses to keep trash confined to their property from running into streams during rains. 3. Provide better places for people to discard batteries, used oil, etc.
219	-Completing the economic loop with regards to purchasing and use of recycled products. Recycling is not profitable yet because there isn't a sufficient market for recycled products. - Lack of adequate Public Transportation and increased use of toll roads. Extend the yellow or blue or orange metro lines to woodbridge! - Continued deforestation of our last few green spaces. Every time I turn around another forested lot is up for sale, clear cut and turned into a car dealership, when there's plenty of already developed, blighted space along Rt. 1 to build dealerships and anything else.
220	Growth and land use air quality environmental stewardship
221	1)Air Quality (reducing traffic in the county) 2) Preserving green space (providing incentives to developers that preserve trees) 3) Stream preservation
222	1) Climate change -- Fairfax must be moving towards sustainable way of living that abandons its fossil fuels dependency. 2) Growth and land use decisions do not inadequately recognize their energy requirements. 3)The Vision does not include the objectives of the CoolCounties Declaration.
223	1. Pollution from traffic 2. maintenance of the dammed lakes 3. forest depletion from construction
224	Pollution Retaining green space/open land Wildlife management (development is severely affecting wildlife -- though beautiful, I should not have deer in my driveway, but they have no where else to go because their habitats are being destroyed)
225	overdevelopment environmental degradation
226	growth/landuse; air quality/transportation; water quality
227	climate change, loss of natural habitat, pollution
228	- urban deforestation - lack of access to natural areas - construction runoff
229	maintaining open space, parks and trails in the face of heavy development; making areas of the county more "walkable;" continuing to improve carpool and public transit options
230	1.Providing more undeveloped green space 2.Ensuring there is adequate drainage of storm water to reduce impact on private property and reduce mosquito breeding oppurtunities. 3. Air quality
231	redevelopment of older areas demographic and socioeconomic balance public transportation
232	1. air and water quality 2. Congestion (relates to air quality) 3. Expansion of green space and trees in mixed use commercial and residential new developments
233	1. Improving density for the growing population of the county. 2. Improving non-car mobility for residents via trails and more interconnected and effective public transit 3. Improving Water and Air quality
234	Transportation/land use, water quality, air quality
235	1. garbage and waste left on major roadways that function as neighborhood roads and major commuter roads (Garbage (plastic bags, discarded fast food, bottles) on Telegraph Rd. since the road widening between Van Dorn and Fairfax County Parkway has increased substantially. County should run a targeted anti-liter campaign and also provide appropriate signage about fines combined with enforcement. 2. A greater commitment to preserve big trees and planting new trees in road widening on other development projects. The carbon offset from large tree with a substantial canopy and the absorption of sound from traffic is significant and should be taken much more seriously by the county than it is currently. Though not a policy that always allows commercial developers to prioritize their bottom line, there are other stakeholders in the county beside commercial developers who has an genuine interest in preserving large trees. Much of the county's effort seem largely symbolic. 3. Rethink traffic congestion strategies. The county seems to think that road widening alleviates traffic but there is such a thing as generative traffic--the wider the road, the more cars. The county should take seriously narrow road serve to disperse traffic and calm congestion. People drive at lower speeds on narrow roads and narrow roads facilitate social interaction among neighbors and other community members. There is much empirical evidence in support of that claim.
236	overdevelopment! erosion, and waterway pollutino
237	Air quality from cars stuck in traffic. We need road improvements, e.g., intersection of Loisdale and FC Parkway. South County also needs extension of metro rail further south.
238	<ul style="list-style-type: none"> <li>• Simplified ecosystems due to: lack of competent predators (esp. resulting in overabundant deer), invasive plants, habitat destruction, excessive turf and feeding of wildlife.</li> <li>• Stormwater management for the sake of local water bodies as well as Chesapeake Bay</li> <li>• Insufficient awareness of businesses and residents, especially those who own land, for their environmental stewardship responsibilities</li> </ul>

## Fairfax County Environmental Vision Update

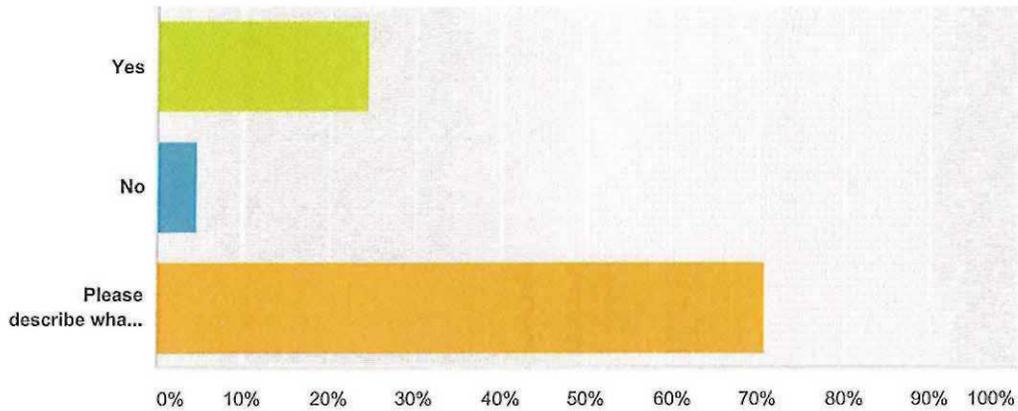
239	Traffic congestion
240	large areas of impermeable surfaces increased road traffic climate change
241	overcrowding/too many people moving in, too much traffic, loss of open space
242	Natural water quality (run off), trash and refuse, insecticides
243	Air pollution due to high traffic volume Low income communities not walkable (like Reston is) Affordable housing
244	Storm water management Natural resource consumption (environmental stewardship) Transportation
245	1) Importing & burning of trash; 2) ponds, rivers, lakes polluted; 3) too many cars on the road
246	Out of control development Degraded water quality largely because of county policies Few alternatives to driving
247	Population growth: leading to increases in air, water, and waste pollution. Green spaces should be utilized to their fullest extent: green spaces need more natural vegetation, more riparian buffers, community vegetable gardens, bird houses, bee hives, etc. Urban chickens should be allowed at residences, as done so in other progressive US cities.
248	Preserving open spaces. Providing efficient transportation paths, quit directing vehicles to primary travel ways that add mileage to trips, this would give us less congestion and shorter traveltimes, less fuel consumption and pollution it air and water. Enforce conservation area, use fee simple to Board rather than easement dedication.
249	Population growth, loss Of wild space, air quality
250	1. Lack of recycling opportunities in public spaces 2. accessibility for bikes and pedestrians between clusters of development 3. not enough park/recreational areas
251	Drinking water availability/quality (aquifer depletion), stream protection (RPAs and other stream buffers, update RPA map), and overpopulation (root cause of all environmental problems).
252	Degradation of resources, pollution/ generation of waste, poor air quality
253	Infrastructure with the growth creating communities with more walking accessible stores
254	1) Water availability and quality 2) Die off of bees 3) Over fishing
255	Water cleanliness Air quality Recycling/waste management
256	Storm water management Air quality Alternatives to auto
257	1. Water quality of the Potomac River Watershed 2. Littering 3. Illegal Roadside Advertising Signs
258	- Air pollution from excessive automobile traffic - Habitat fragmentation/degradation caused by development - Lack of rene
259	Energy Water quality Development of new areas
260	population growth, vehicular traffic, low maintenance on environmental preserves
261	Air Pollution Habitat destruction/overpopulation Water quality/disruption of water cycle
262	-Food security/resilience - there are not nearly enough farms in the county (only two right now- Whitehall Farm and Cox Farm- that produce fresh fruits and vegetables for Fairfax County Residents. - Lack of infrastructure for alternative transportation - Lack of strong energy and building regulations to drastically reduce environmental footprints of both commercial and residential buildings - Lack of composting facility- this can help to reduce the amount of waste burned each year at the incinerator AND the end product can be incorporated into soil fertility (by adding back organic matter into the soil, and planting more perennial/native plants, it allows for erosion and sediment control.
263	Invasive species Stormwater management in eastern part of the county By right development
264	Climate change, air pollution, traffic noise. Litter also.
265	climate change which we contribute to with cars, congestion, use of
266	climate change ozone levels eroded streams, e coli in streams
267	air quality transportation parks and rec
268	Development density. Retaining open space. Lack of understanding that environmental vision requires thinking long term and not so much how practicing good stewardship will provide benefits in the short term.
269	1. Development (tree removal/irreparable site disturbance) 2. Invasive species 3. Deer (impacts to future regeneration of urban forests)
270	Storm water runoff, alternative transportation options/trails, noise pollution

## Fairfax County Environmental Vision Update

271	1. When the wants of developers oppose the needs of the environment, we get lip service to the environmental needs while giving developers what they want. 2. Lack of green space. 3. Failure to correctly classify intermittent versus perennial streams.
272	Stormwater Traffic. Development
273	Traffic
274	Wild animals, vector borne disease reduction, land utilization
275	1. Over development impacts to the environment 2. Trash and litter along roads and in streams 3. Lack of environmental education for new residents
276	Water quality, air quality and transportation, and solid waste
277	Increasing transportation modes with limited impact. Building low cost housing so that low paid workers don't have to commute in to the county from elsewhere. Planting and maintaining trees and wetlands.
278	Allowing special exceptions and exceeding comprehensive plan guidelines for dwelling units per acre. The result is too much density. Too many cars. Too much emissions. Too many pollutants. Loss of green space. And too much impervious surface.
279	Emissions, water clean up and mass transit
280	air quality, noise pollution, runoff issues
281	Public education & outreach on environmental stewardship for all ages, water quality, growth & land use
282	Land use. How to manage population growth of high density and not destroy quality of life
283	Land use Transportation Waste management
284	- Water quality in streams - Community planning and zoning that creates car-dependent communities rather than incorporating ways for people to travel to regularly visited locations by bike or foot - Lack of nature centers, parks, and open space near dense population centers (eg, when I lived in Arlington I could walk to no less than 4 local parks, albeit small ones, but now in Fairfax County there is only one that's a realistic walk)

## Q2 Do you feel that this document is complete? If not, what do you think is missing?

Answered: 280 Skipped: 5



Answer Choices	Responses
Yes	24.64% 69
No	4.64% 13
Please describe what is missing.	70.71% 198
<b>Total</b>	<b>280</b>

#	Please describe what is missing.
1	The document already has a great deal of excellent problem analysis, and suggestions for solutions as well. But doesn't mention that global warming, once a future threat, is now a current one. It needs to acknowledge this and talk about concrete actions the county can take to help shape a livable, sustainable future for its citizens. I'd like to see more on energy conservation and a solid commitment to renewable energy by any means possible--the knuckle-draggers at Dominion be damned. Put solar on rooftops (including schools), other county buildings, county parking lots--even small floatable solar farms on our lakes and ponds. Install solar or wind at Meadowlark. (Make the Walk of Lights green!) We need to act like it's an emergency--because it is. BTW, I was glad to see the vision mentions discouraging truck and bus idling. Let's keep it up!
2	It's important that Fairfax County is a leader in clean energy.
3	It isn't complete, but it does show concern for our county and our problems.
4	Need stronger language around educating people (instead of "foster an appreciation..." or "encourage use of recycled...", state "develop a marketing campaign targeted to school age children about the use of re-usable water bottles" or "develop a communications plan targeted at the Millennial generation that will educate them about the Fairfax County urban forest and specific actions they can take to protect plants and manage trees...". The plan does not include goals that are measurable.
5	getting over the perception that we all think manicured lawns and pesticide use is fine. We want to be able to use native plants and natural processes to better our yards and our environment. Many HOAs frown on this.
6	Need more vision statements on climate change, renewal energy, reducing dependence on fossil fuels, and more energy efficient actions. It seems like in the future climate change is going to be a driving factor that it should be a separate section, like in the EQAC report. This document should be updated every 5 years.

## Fairfax County Environmental Vision Update

7	<p>- Each property within the County has a role to play in biodiversity and human health, including County properties, such as the Government Center; - Our rights-of-way are one of the biggest detriments to human health, due to a lack of regard for safe crossing spaces, excessively wide lanes, and a bias toward motor vehicles in VDOT design standards and County staff attitudes; and - Fairfax County should promote a rural economy, as does Loudoun County. 5-Acre lots present an opportunity for agricultural production, yet these uses seem to be ignored as an economic development opportunity.</p>
8	The vision should address climate change impacts and sustainability.
9	<p>1) Land use planning as a tool that will help achieve multiple other goals: The permitting process can help achieve sensible development, transportation management, cleaner water with less flooding, and good access to parks and open space. 2) Retention of tree canopy and areas of mature trees will help achieve multiple other goals, including more pleasant development and redevelopment, cleaner water, cleaner air, and more appealing open space.</p>
10	habitat protection groundwater quality
11	I found no mention of human caused climate change as a grave challenge to the biosphere. It's reality is accepted by at least 98% of climate scientists , the Dept of Defense and The American Chemical Soccity among others
12	Roads such as the Giles Rin Conne tor are needed to manage the growing residential housing population.
13	<p>Growth &amp; land use - expand county community garden program where available; solid waste - encourage home composting and/or provide composting services at waste management facilities; AQ &amp; transportation (or parks &amp; trails) - work with neighboring counties to connect trail networks to improve commuting (and recreation) opportunities</p>
14	Taking a position on Climate Change!
15	The entire Environmental Agenda includes 1 single reference to climate change. There is no mention of climate change in the Vision Summary at all. Climate change deserves a separate area, with details on how the County is planning on replacing fossil fuels with renewable energy.
16	Please include a section that specifically addresses climate change, sustainable living, greenhouse gas emissions, energy consumption, etc. Green alternatives and options for eco-friendly villages/neighborhoods, or even small scale agri-hoods have been included in other urban areas. Please address these options.
17	There is no mention of climate change mitigation/adaptation, energy efficiency or renewable energy. There should be new sections to provide the county's vision on these critical issues.
18	<p>There is no discussion of climate change from emissions of CO2 from energy consumption and the need to dramatically cut CO2 emissions by greatly improving energy efficiency in county operations and among county businesses and residents and by implementing solar and other clean energy resources. In the Paris Climate Agreement," the U.S. and virtually every other country in the world have agreed to take steps to keep world wide temperatures from warming by 2C relative to pre-industrial levels. That means we need to cut CO2 emissions by 50% in the next 10-15 years so and by 80% or more by 2050. The county risks great harm to its citizens and large stranded assets by failing to act promptly to cut energy from fossil fuel sources. CO2 stays in the atmosphere for hundreds (even thousands) of years, so leaving the mess to future generations is grossly irresponsible. Investing promptly and substantially in energy efficiency and imposing much higher will save money and protect our children's lives and planet. Investing in solar energy on buildings and parking lots is also needed to cut CO2. Studying and stopping methane emissions from landfills is necessary as well. Sadly, the County's "energy management" is woefully lacking. The County needs a full-time energy manager who reports directly to the Board of Supervisors and who is charged with reducing energy use and purchases of fossil-fuel based energy as much as possible. Trying to avoid those investments because energy is "cheap" at the moment is short-sighted and leaves the real costs to our children and neighbors. Fairfax needs to recognize that new buildings will last for many decades. Underinvesting in efficiency now will mean decades of excess emission, higher future costs (a price will eventually be placed on carbon) and much more expensive measures to retrofit insulation, windows, etc. later. Requiring and incentivizing businesses and residents to improve energy efficiency and invest in renewables will make Fairfax a more attractive place for new businesses both now and in the future.</p>

## Fairfax County Environmental Vision Update

19	<p>1. The plan should include energy efficiency and conversion to sustainable energy technology. A sample outcome might be to require new commercial buildings and development projects to include solar technology, geothermal and green roofs to offset their draw on the local grid. The county should lead the way with their own buildings and grounds.</p> <p>2. Identify highly visible stewardship projects to engage in with partner organizations, volunteers and schools and publicize to maximize the educational impact. For example invasive exotics are taking over hundreds of acres of county and regional parks and transportation properties that are highly visible and make excellent demonstration areas for habitat management that draw volunteers and educate. 3. Creating wildlife habitat in every project. The execution of this would look like a standard to include the active creation of wildlife habitat in every project with the reintroduction of native plants, reduction in the use of pesticides, reduction of turf grass, leaving leaves in place, and keeping cats indoors. According to Douglas Tallamy's work (see "Bringing Nature Home") and local bird population studies conducted by the Audubon Society of Northern Virginia (<a href="http://static1.squarespace.com/static/55de5dcbe4b0f73b86bfd0b4/v55e8b0f7e4b0e50993522e79/1441313015261/Birds_of_Northern_Virginia_Update.pdf">http://static1.squarespace.com/static/55de5dcbe4b0f73b86bfd0b4/v55e8b0f7e4b0e50993522e79/1441313015261/Birds_of_Northern_Virginia_Update.pdf</a>), our bird populations are declining rapidly and are an indicator of the environmental health a future of our region. The primary reason is habitat loss. While we can't reverse development we can encourage habitat restoration in our parks, private residences and the grounds of schools, government buildings and businesses through reintroduction of native plants. The NVSWCD and volunteer organizations like the Virginia Native Plant Society Potowmack Chapter, and Audubon Society of Northern Virginia's Audubon at Home program, and the Plant NoVA Natives campaign are hard to support this by making native plants more available and advising property owners and managers but a more vocal county leadership would make a great difference. Because birds are our most visible wildlife species watching their populations is a good indicator. The second biggest factor in the decline of bird populations is domestic cats who kill approximately 2.4 billion birds a year in North America, the next is building collisions. Including protection of wildlife in the vision would be a tremendous addition that would help residents see the benefits to stewardship close to home and encourage responsibility for the future.</p>
20	Mainly needs updating in light of current circumstances.
21	Above
22	I would include a specific section on greenhouse gas emissions, and what the County is doing to help reduce emissions. Also if the County has any adaptive measures for combating future climate change effects.
23	Climate change focus - needs special section for highlighted attention Addressing small contaminants in water supply such as found in many cities and counties
24	How do you enforce the guidelines
25	Climate Change merits significant discussion in the document -- it is essentially absent. There is no serious discussion of the co-benefits from 'greening' (whether greening buildings, adding parks, reducing car trips/miles traveled, increasing public transit, etc ...) -- those benefits include productivity improvements, reduced health impacts, etc ...
26	<p>The plan would benefit from a more expansive view including the following: 1. Climate change. There is a critical need to address climate change. Environmental issues around air quality and water are impacted and in turn impact the health of community residents. There is also a need to address renewable energy and to reject plans for fracking pipelines within our county that have been shown to release methane and contaminate the water and air. 2. Growth and land use. The expansion of Tyson's is choking the quality of life within the county with increased traffic and reduced air quality. We need to consider limiting growth of this county. 3. Natural Resources. The plan does not address the conservation of natural resources. The county could save money and protect the environment (thereby protecting humans and wildlife) by eliminating the use of pesticides on our grounds and roadways and eliminating mowing to encourage the growth of native plants such as milkweed. Although there is a Tree Preservation Act, it does not help homeowners protect against the clear cutting of trees in neighborhoods. In our neighborhood alone in the past 12 months, over 100 trees have been cut down with no legal mechanism for saving the trees. These trees of course, help the environment by cleaning the air, reducing the need for air conditioning, supports wildlife, and providing increased values for homes. 4. Noise pollution. The rampant construction occurring in the county has led to a high level of noise intensity. The current noise ordinance (90 decibels) does not protect people from the unhealthy effects of continued, high levels of noise (CDC recommends no higher than 80 decibels). It is particularly frustrating when construction companies can apply for a noise permit and noise levels go unregulated. We need stronger laws that protect human health, particularly for children. 5. Environmental Stewardship. The Fairfax Master Naturalists should be included as an important partner with the county, saving the county hundreds of thousands of dollars each year through its work in stewardship, outreach/education, and citizen science. The plan would benefit from the addition of citizen science and stewardship (e.g., Invasive Management) along with the suggested education. 6. Air Quality and transportation. Reduce growth and some of these problems would be resolved. A big gap is the lack of walkable communities ( e.g., lack of sidewalks, multi-lane roads), lack of trees that would improve air quality.</p>
27	More restrictive development of large undeveloped plots of land. Fairfax is too heavily developed already. Better control of storm water runoff by requiring new driveways and parking lots to have permeable surfaces an/or retention basins/rain gardens. Banning of sale in County of neonicotinoid pesticides and Roundup as used by both commercial landscapers and homeowners.

## Fairfax County Environmental Vision Update

28	Food Security needs to be addressed. Food prices are escalating right along with housing/rental prices, and the weather is becoming more severe and less predictable. Supply chains need to be reviewed and efforts need to be established to relocalize sourcing where possible, to support VA businesses and to make our County more resilient to climate and economic changes.
29	Don't see a clearly stated focus on climate change.
30	Global climate change should be the underlying issues in all actions.
31	Strategy for addressing climate change.
32	Invasive species management
33	Specific plans to address climate change.
34	It covers the basic, air, water, pollution but it is very broad and does not really address that these issues will be paramount in the next 20 years. It is a good high level statement, but needs to start addressing specific issues.
35	You should address more about design requirements for sustainable landscapes.. I am a certified master naturalist and sustainable landscape design professional willing to offer pro bono services...contact/text preferred at 703 731 5933
36	Challenge Covanta contracts and regulatory framework in court regarding toxic emissions based on new population trends and current lack of oversight. Please reference this link to the Toronto Star article for background: <a href="https://www.thestar.com/news/gta/2016/06/14/durham-grapples-with-incinerators-alarmed-emissions.html">https://www.thestar.com/news/gta/2016/06/14/durham-grapples-with-incinerators-alarmed-emissions.html</a>
37	climate change
38	We need a section on climate change.
39	Need public performance measures and a means to contact the county without an online form if a citizen sees an issue that needs immediate attention. Consider including groups dedicated to the environment for grass roots actions.
40	I am surprised that the impact of climate change is not mentioned in the environmental vision One specific issue is reducing energy consumption; reducing dependency on fossil fuels and increasing the use of renewable energy resources.
41	The Vision Statement does not address climate change, greenhouse gas emissions, and energy consumption. A new section addressing climate change and sustainable living should be added.
42	Addressing surplus apartment housing being built in Reston's metro corridor. Use existing, available space rather than build new.
43	Climate change is having increased impacts on local communities including our own with interruptions in historical weather patterns with increased potential for alternating too little or too much rain affecting runoffs and water quality. Increased heat days could also affect those with little or not air conditioning.
44	Climate change is a notable omission
45	Document does not adequately respond to huge challenges posed by climate change. Climate change is not a theory, it is a real threat. Following generations will look back and wonder why we were so complacent.
46	The document is good. Personally, I think there needs to be a greater emphasis on development density, as it would solve for many of the other issues. Greater development density (mixed use) will provide better mass-transit options, preserve critical open space, reduce energy expended commuting and county costs maintaining sprawling infrastructure, and provide a better quality of life for residents.
47	any mention of climate change or preparation for the impact of climate change
48	There needs to be a third principle in the Environmental Vision: A strategic plan and commitment to reduce carbon pollution by at least 1% yearly for the County as a whole, and working with other local and state jurisdictions, reducing carbon pollution regionally by at least 1% yearly, with the goal of a 50% reduction by 2030. Carbon pollution goals must be backed up with publicly displayed data on a County public-facing energy dashboard. Including such a goal is essential to successfully fulfilling and implementing principles 1 and 2. The most cost-effective and rapid way to reduce carbon pollution is by instituting and tracking energy efficiencies throughout all county programs, particularly heating and cooling, lighting technologies, sustainable energy sources, and education of County staff and residents. Reducing carbon pollution needs to be the organizing principle and incorporated into each of the 6 categories with a 7th added focusing solely on implementing Principle 3. Reducing carbon emissions and Inhibiting global warming/climate change needs to be included in text of each category. Global warming and sea-level rise even now is effecting Fairfax County and every area of Virginia.

## Fairfax County Environmental Vision Update

49	This was a fine plan for 2007. But any update needs to address sustainability - reducing greenhouse gas emissions, and mitigating the impacts of climate change. We can't stick our heads in the sand and pretend we don't know what's happening; climate change affects every category of the plan.
50	Climate change plans and how to deal with the vast changes going on in our environment.
51	It does not address climate change, use of fossil fuels, carbon emissions, increasing use of clean, renewable energy, reduced energy consumption, and energy efficiency.
52	Important to work with energy companies to increase renewable energy. Important to work with organizations from churches and houses of worship and concerned groups. Need seminars to inform citizens about choices and lifestyle behaviors that are more sustainable.
53	Climate change needs to be addressed, with a long-range plan for lessening dependence on fossil fuels.
54	Reducing noise pollution which harms health
55	There is NOTHING in the Environmental Vision about climate change and the County's need to address this pressing concern within the County and all departments, including the schools. That a Climate Change advocate be designated by the County to keep the issue before citizens and to address its challenges throughout County government departments and develop a strategic, integrated County Plan.
56	Climate change. Invasive plant management. Legislation banning invasive plant use in properties, including plants that are listed as invasive by Fairfax County Park Authority that have been deliberately planted at the Fairfax Government Center - what sort of example does that set for residents? Legislation to introduce deposits for plastic bottles - instead of encouraging citizens and students to go and pick up trash every Saturday morning, why not encourage legislation to help prevent the trash from getting into the waterways in the first place.
57	Actually, I can't say. The devil is in the details.
58	I believe the document should include a section on climate change and sustainable living to address climate change, greenhouse gas emissions and energy consumption.
59	mostly for a county the size of Fairfax
60	Climate change. Broader language on sustainability and looking for green options.
61	Introduce, Educate and Enforce New Guidelines and Practices for Builders. This should include, but is not limited to: 1. LIMITING compacting soil to a building's footprint. 2. LANDSCAPING with Native Plants, Use native grasses and flower beds to reduce lawn square footage. Plant rain gardens to enhance Storm Water Management practices and incorporate more pervious surfaces and plants along roadsides.
62	Funding for this vision. This vision is paramount to the future livability of Fairfax County. I would like to see the State of Virginia, the Federal Government and people who pass through our county and tourists pay more. Citizens of Fairfax County pay an unfair amount of taxes and fees to entities which lie outside of our county. Developers and Industry must not be allowed to shirk their responsibility; this includes token penalties.
63	Mention of deer population control and invasive plant management
64	I think that there needs to be a more aggressive approach to Deer management, or there won't be any young trees to replace the woodlands we have today. Our wooded watersheds are like an organ in the body of our community that is being neglected, to the detriment of our health.
65	Build bike lanes. More commitment by the county to do things rather than partnering with organizations and asking them to do what is necessary to protect our open lands. Stricter controls on construction and road building to protect streams from runoff into our waterways.
66	I think it should express concern for preservation of historic properties.
67	Reduction in greenhouse gas emissions and the need for implementing sustainable energy alternatives.
68	Add to recycling requirements: compost (to include: coffee grounds, egg shells, napkins, vegetable discards, etc.), as is done in California.
69	The introduction to Section 2 states that -- The Board of Supervisors supports these two environmental principles: 1. The conservation of our limited natural resources must be interwoven into all government decisions. There is a direct link between the vitality of ecological resources and the quality of life for our citizens. 2. We must be committed to provide the necessary resources to protect our environment. Recent actions by the Board of Supervisors and other regional government bodies have affirmed Fairfax County's commitment to the environment and environmental stewardship. I recommend that item 1 be expanded by adding the following sentence: "In addition there is a direct link between conservation of natural resources such as energy and water and the quality of life for both our citizens and for all other citizens of the planet. Economic incentives can help promote such conservation."

## Fairfax County Environmental Vision Update

70	We need to account for how climate change will affect our county and that we must provide a leadership example of reducing fossil fuel usage with renewable energy sources. We can only protect and improve the environment at large if other counties and regions are inspired to also increase renewable energy usage. Fairfax is in a position to show leadership and innovation as a tech leader in renewable energy consumption.
71	There no mention of how we plan to effectively slow the rate and magnitude of climate change, and significantly reduce both carbon dioxide and SLCPs.
72	Needs updating: metro to Tysons is complete. Needs more description or perhaps enforcement to prevent clearcutting that developers do. They remove every tree. Replacement of young trees & plants don't replace the mighty oaks they cut down
73	Need to make traffic management and infrastructure repair priorities; doing that will help environmental vision
74	instead of building; expand the land use - more pedestrian friendly
75	Actionable plans with budget behind it of what the county plans to specifically do - an implementation plan for each concern. Currently, the vision relies too much on factors that the govt really doesn't control.
76	Emphasis on environmental stewardship. More education and participation by county residents in reducing excessive car travel, waste management, use of pesticides, etc is necessary to address climate change concerns which are paramount
77	How is the document addressing climate change?
78	There is no mention of climate change. While some of the themes, may lead to some positive effect, it does not mention the elephant in the room, climate change. We need to clearly make a statement about climate change.
79	There should be sections that address climate change and how the county will plan to help mitigate the issues that arise from it. We should be working actively to prevent climate change by decreasing our energy consumption and focusing on sustainable living.
80	There should be a realistic program in effect to reduce waste, pollution, and greenhouse gas emissions.
81	The county needs to encourage building more sustainably, with smaller homes built to higher energy efficiency standards; it should set CO2 reduction goals and act on them, including by leading the way on solar; and it should offer a cohesive vision for how it will work with the whole DC Metro area to create a walkable, bike-able, climate-resilient community.
82	It does not address climate change, greenhouse gas emissions, or energy consumption. Add a new section addressing climate change, sustainability and increasing County use of renewable energy.
83	This document does not address climate change, greenhouse gas emissions, energy consumption. We need a new section addressing climate change and sustainable living in urban communities.
84	needs more discussion of what the county can do about climate change. Reduce dependence on fossil fuels Encourage alternatives to impervious surfaces such as parking lots in order to lessen runoff and reduce dependence on storm water holding ponds.
85	you need to focus on what we can do on a local level about climate change. Also, how can we develop sustainable neighborhoods? What will you really do about these things more than lop service?
86	This document is fine, but the council's actions need to back it up.
87	Addressing climate change by making it easier to transition to cleaner energy sources.
88	Climate change as driving force. Major new public transport initiatives, e.g., a rail line down the middle of I-66, instead of the proposed widening. Increase tax revenues from big business.
89	Adjusting priorities for climate change.
90	More about encouraging electric car adoption; more about global climate change; more about Electric Vehicle Service Equipment placement.
91	Implicit in the vision is human impact on environment and need to manage that impact, but no acknowledgement of the local contribution to global warming and the need to address the global problem through local action. There need to be incentives for renewable energy and electric vehicles, for a start.
92	where is impact on climate & effect of climate change addressed?
93	Energy. Creating more positions for employment while having sustainable grids
94	Does not address climate change.

## Fairfax County Environmental Vision Update

95	Sustainability practices could be improved upon as well as explored. Energy use/production could be examined and evaluated based on sustainability and air quality.
96	Weatherization of all of our building stock, esp homes, and low-interest loan to homeowners to install solar panels on their roofs.
97	Should address installing solar panels on our public buildings.
98	No emphasis on climate change issues. No emphasis on sound science education requirements in county schools.
99	NO, this document is not complete. There needs to be a section on climate change and efforts that can be taken to reduce the carbon footprint of the Fairfax County government. More generally, there should be some discussion about ways the County can better encourage individuals and businesses to adopt environmentally friendly practices.
100	Awareness of how important our efforts are to slow climate change, with it's enormous implications
101	attention to steps that can be taken to reduce GHG emissions.
102	There is no mention of climate change and the long-term implications of greenhouse gas emissions
103	Discussion of climate change.
104	A top priority should be global climate change made worse by greenhouse gas emissions in the county. Energy consumption reductions should be addressed as part of the problem. I did not notice a section of the document directed to global climate change or sustainability issues. That is a glaring omission!
105	How can you base decisions in the future without the facts from climate change?
106	controlling county population and reducing "flow-through" vehicular traffic from surrounding community's residents by either instituting a vehicular commuter tax while no such tax on transit use; expanding metro to create a line that connects the endpoints or near endpoints of the yellow, blue, orange, and new silver lines, roughly following the Fairfax County Parkway. Stops should be set to include at a minimum, one of the Alexandria stations, Springfield Interchange station, one of the Burke VRE's, Government Center and Fair Lakes/Fair Oaks, Fair Oaks Hospital, one of the new Reston or Herndon stations, Reston Hospital, and work with Loudoun County to get something at western route 7 so as to substantially reduce vehicle use and prevent or at least delay the need for widening of the Fairfax County Parkway and the necessity for conversion of existing traffic light intersections to interchanges.
107	Mosquito born disease transmission and unvaccinated individuals
108	More emphasis on better roads
109	The county should devote more resources to controlling invasive species of alien plants in our parks. We need transportation plans that discourage use of fossil fuels.
110	programs to reduce energy consumption and greenhouse gas emissions programs to encourage sustainable living practices
111	climate change -dependence on fossil fuel
112	Moving toward elimination of fossil fuel usage in county-owned facilities and vehicles in a manner that does not have a negative impact on someone else's environment (if we use it, we should generate it).
113	No, I believe that it incompletely covers alternative energy and how energy concerns intersect with public transit.
114	quality of living. With the unavoidable move to mixed use, recreation is too often lost. Having safe, calming, natural areas within walking distance from homes is important. Children and adults are being moved indoors for lack of better options.
115	This document does not specifically address climate change. I think a new section should be added addressing climate change, greenhouse gas emissions, energy consumption and strong encourage sustainable living.
116	Talk about the importance of climate change influences on the current and moving-forward environment and the exploding demographics, including a growing more diverse population generally, and a growing geriatric- from50 up- population specifically.
117	No discussion of climate change and the need to reduce fossil fuels and increase solar and wind, including programs for people to improve our homes with solar and wind power.
118	County actions like going solar, reducing VMT in traffic planning, protecting streams in development.
119	Does not address climate change, greenhouse gas emissions, energy consumption
120	Over development of residential neighbor hoods with multiple occupant dwellings- we need to adopt a policy

## Fairfax County Environmental Vision Update

121	Fairfax County needs an inventory of green house gas creation by the government, businesses and resident. Fairfax County needs to heavily publicize that inventory. Fairfax County needs to put a plan in place to help the government, businesses and residents to redcut their green house gas creation and set goals to have our GHG's reduced to nearly nothing by 2050. This should be done with 5 year increments and goals that are measurable, quantifiable and which don't wait til the end of the timeframe to make significant reductions.
122	Plan to increase park space. Why is every area residential/commercial and not for farm use. There is a serious deforestation going on in Fairfax county sold out to developers.
123	Please include encouraging preservation of farm / equestrian land use, more public gardens and donation of land for parks, etc.
124	stop building housing for such dense populations we need more single family homes. we do not need more people! it is too crowded now. roads schools shops community services are all overused.
125	1/ Incentivization of home dwellers and property owners to take steps to meet the goals. "Incorporating respect for the environment into life in Fairfax County. 2/ milestones for measurement of success - if I read this document but with no awareness of progress made and progress lacking, with analysis (including neutral third parties) on why, the document lacks meaning.
126	Protecting old growth trees instead of clear cutting. So many of the old trees in old town Herndon were just cut down with no warning very recently. It's deeply disturbing and sad.
127	Though the document touches on education through a few government organizations, I believe that there is a distinct lack of education when it comes to environmental issues.
128	The County needs to locate its environmental vision within the larger imperative of supporting the recent United Nations ("Paris") Accord on Climate Change.
129	It hits the main points but seems brief.
130	Stated commitment to reduce carbon footprint to mitigate climate change by increasing adoption of renewable energy and increased energy conservation wherever possible; encourage sellers of landscaping plants and associated chemicals to offer educational posters, fliers, and other educational materials that help purchasers apply pesticides and fertilizers responsibly.
131	no to attention to climate change, please include a section addressing this.
132	See 1. above.
133	The document does not address the key issue of climate change and the related need to increase energy efficiency and the use of renewable energy. There are many financing approaches that are being used around the country that help the county government, local businesses and consumers to minimize upfront costs and even reduce the risk of increased electricity costs in the long-term.
134	Creating habitat out of private and public property. Native plants only for all new plantings on public property. Drastically reduce lawn on public properties. Plant trees, meadows, etc. Storm water management - encourage landowners to hold the water on their own property. Climate change initiatives Find a way to ban plastic bags! Do not sell drinks in single-use plastic bottles. Stop the mosquito companies from spraying. Encouraging solar Encouraging telework, bike lanes, more public transportation
135	1. Preserving more natural lands with walking and biking trails, and keeping them wild (with key wildlife breeding areas identified for off-limits to the public) 2. Vastly decreasing commercial and residential water and air pollution in the county, including from using pesticides, herbicides, fungicides, and fertilizers; and including support for solar, electric cars, and strong increased greening, with native species, of commercial and residential properties (with plant species that support healthy native insect, herp, and bird populations) 3. Environmental education of children and adults, through schools, religious organizations, local businesses, libraries, county offices, neighborhood organizations and resources, local festivals, media, etc.; many more well advertised and well organized social events in local natural areas designed to increase familiarity and support while not destroying or overburdening these areas (county funded FT positions devoted to environmental education and events) 4. Well informed and well advertised county funded or supported resources for helping local residents and businesses identify native versus invasive plants, and provide advice for turning lawns into native plant habitats, or into mixed plantings of food and native plants, to support threatened and endangered native plant and animal species, troubleshoot when necessary, network on these topics, and exchange plants, seeds, and nesting and roosting structures for insects, birds, and other wildlife.
136	I didn't see any mention of climate change or plans to convert our energy resources to all renewable sources. Also, I'd like to see a focus on ensuring that there are parks/green spaces within walking distance (~1/2 mile) of as many residential neighborhoods as possible.
137	Reduction of dependence on fossil fuels

## Fairfax County Environmental Vision Update

138	A plan to reduce climate change by getting off fossil fuels and promoting solar and other alternative energies, by providing incentives and eliminating Dominion's fees and other impediments to alternative energy use. In addition, a plan to replace the deserts of lawn (and subsequent lawn care leading to air, water, noise and soil pollution) in schools, government, park and other public lands with native plants, as well as incentives for home owners to reduce their lawn, leading to less herbicides, fertilizers and pollution from gas-powered, noisy, pollution spewing equipment. Finally, a fee for plastic bags should be instituted and dangerous herbicides (such as Round-up) and pesticides should be banned. Also, any future development should ensure that a tree canopy of 41% is maintained.
139	concrete plant releasing cancer causing particles
140	You have not addressed the major elephant in the room - climate change!
141	Substantial visioning for energy conservation in existing county buildings, county operations, outreach to residents and businesses to facilitate energy conservation as a new normal. New buildings are controlled by the current energy conservation code. But as buildings are renovated, it is not required that buildings upgrade insulation and air sealing but the county is not encouraging the policy either and should be. Contractors discourage owners from making energy conservation improvements because it is not required but we should encourage energy conservation upgrades to reduce energy consumption in existing buildings.
142	I would like to see a special heading for climate change and specific suggestions on how the county plans to limit its carbon footprint
143	Commitment to developing and utilizing alternative energy sources like solar power
144	Needs to have more actions to mitigate climate change. We should be leaders taking an active role in implementing innovative programs and actions to protect the environment and the health of our residents. We should be making our own electricity, have a municipal compost program, and programs and incentives to encourage residents to grow food, produce energy and live more sustainably.
145	There is no mention of climate change. Fairfax County needs to at least acknowledge the worst environmental issue facing the world. At best, it should promise to work towards limiting fossil fuel dependence.
146	I think attention to climate change is missing. A new thematic area addressing climate change should be added. For example government buildings should receive their energy from renewable sources like solar and wind. The county should also offer some sort of incentive like a tax credit to businesses and home owners to go solar. I am a graduating high school senior who lobbied the FCPS school board to push for solar energy in schools. I think not only the schools but Fairfax County should go solar too. Here is an article about what I have done: <a href="http://tinyurl.com/h2gkbtm">http://tinyurl.com/h2gkbtm</a> (Don't worry the article is short :)
147	Affirming #1.
148	Don't have time right now to thoroughly review and comment on the plan.
149	Partnering with public and industry should be part of Vision, if we can expect substantive things to occur.
150	I think it is a great start. It would be difficult to ever make it 100% complete.
151	The 2005 environmental vision includes a number of specific actions to be accomplished. The revised vision statement needs to report on the degree of accomplishment to date of each action.
152	It needs more specific actions and more community action. The planning process shouldn't be the only time community members are called out for help.
153	No direct statement on the use of green building techniques, incorporation of renewables, etc.. For example, what if new residential and commercial developments of a certain size had to commit to a certain amount of renewables, like a tract of 50 new townhomes each having a solar panel on their roofs? New strip malls', schools', and hotels' roofs can also be greened and have solar panels placed on them. Why not incentivize these practices? Here's an example of the type of goal we should reach for: <a href="http://www.nytimes.com/2016/06/04/business/energy-environment/solar-power-energy-efficient-net-zero.html?_r=0">http://www.nytimes.com/2016/06/04/business/energy-environment/solar-power-energy-efficient-net-zero.html?_r=0</a>
154	It's pretty broad and unspecific. Presume the final document will include recommended actions and improvements.
155	The greater impact of the County environmental policies. The local food options and their environmental effects. identifying and addressing "fresh food desserts" in the County, promoting urban farms, and policies that promote producing food locally. Policies that promote creation of community gardens and other local food options, for all types of communities, regardless of their economic status.
156	I especially feel more needs to be done to cut down on the amount of waste produced by households and the resulting number of trash trucks driving through our neighborhoods. One pick-up per week should be enough for both trash and recycling! How about adding a bin for compostable materia
157	How can we reduce development,

## Fairfax County Environmental Vision Update

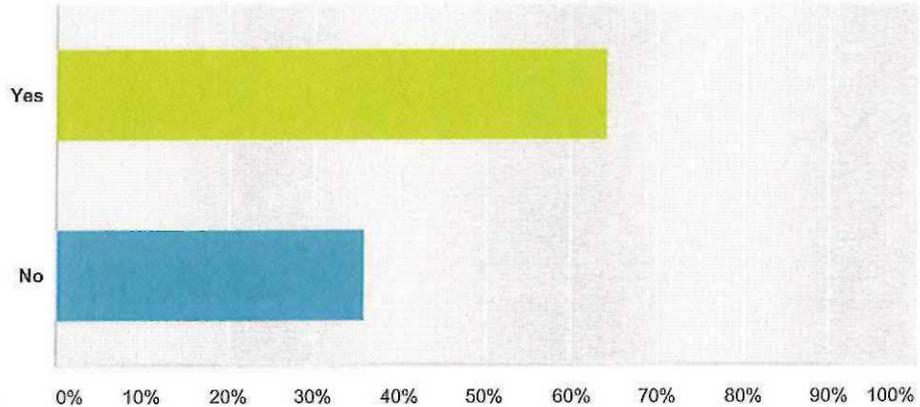
158	Too little, too late. This should have been done 40 years ago!!
159	How will we pay for all that you've planned.
160	How to protect and replace tree canopy. Encouraging land owners to use best practices in landscaping (native plants, minimal fertilizers and pesticides, minimizing runoff.) Expansion of bike lanes and trails
161	Any mention of climate change. Fairfax County doesn't live in a bubble. We live on planet Earth.
162	climate change vision needs much work solid waste is outdated, esp in the face of single stream collection potentially being unprofitable affordable housing with good transportation options for residents
163	beside increasing the recreational parks and facilities for Virginia citizens, I am concerned about light pollution. As an active amateur astronomer, member of the North American Sundial Society and the Virginia based Analemma Society, I can remember seeing the Milky Way. That is no longer possible in most of Fairfax County. There is smart, cost effective lighting that can and should be used.
164	Teeth Haha enforcement.
165	Goals around encouraging land owners and developers to make environmentally responsible decisions
166	The document should include sustainability that addresses climate change with a vision for transitioning us from fossil fuels dependence to full reliance on renewable energy.
167	How we will pay for these important changes and action items
168	not sure
169	It should have a section that addresses how the PC and the BOS decision making relates back each vision statement in this document. If you have a vision decisions made should speak to that vision or the decision should not be made.
170	No mention of extension of metro rail to south county (e.g., to Ft. Belvoir or further south).
171	• I recommend a new section concerning Ecosystem Diversity to address forest health (esp. removal of understory layer by deer and mowing), lack of competent predators, invasive plants, habitat loss, excessive turf, and feeding of wildlife. This new section might incorporate tree canopy goals or the goals may be left in Water and Air sections. (By the way, we need new canopy goals.)
172	Heavy levels of salting are becoming the norm for our winters. Methods to mitigate the negative environmental impact especially where roads/neighborhoods drain directly into streams is necessary.
173	The environment, health, and economic viability are inextricably bound. The environmental vision should not look at the environment in isolation.
174	Waste management regarding food, water, and e-waste.
175	Stronger emphasis/effort on restoration of widespread degraded land; more green building practices
176	Please see comments above. Fairfax County needs to utilize all green space to its fullest extent to enhance the environment and needs to adopt friendly urban chicken ordinances. Fairfax County should support and encourage residents to plant native vegetation for urban wildlife, gardens, install rain barrels, and beehives.
177	I like it but it needs a supplement with more detail related to goals for implementation.
178	We need a better metro system!
179	Not sure, too general a document. More specificity in regards to how to assist in implementation of the process.
180	Human services are part of the environment
181	Encouragement and use of public transportation, carpooling, and hybrid/electric vehicles. Additionally, providing a city that is alternative car friendly (for example, public facilities to charge electric cars) How the city is caring for the Chesapeake Bay Watershed, especially with the development of multiuse buildings and facilities. Environmental education and outreach in the community to ensure that the public is aware of the environmental vision and what it means for them
182	Growth and Land Use: increased efforts to implement new environmentally friendly technologies in developments and to meet future energy needs Air Quality and Transportation: Increased effort to reduce congestion and travel times Water quality: Implementation of more permeable areas Environmental stewardship: Educate young people and older people on the benefits of new methods and technologies for environmental protection.
183	Please see above answer for suggestions for additions.
184	It doesn't address the ecological, public health, and economic impact of invasive species

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185	the need for the county to reduce GHG emissions. This should be a new category that would include things such as HVAC resizing in public buildings, Energy Action Fairfax for residential, and BETter Building Challenge for commercial. Or, if not a new category, then every item in every category should provide a statement of its role in emission reduction. For example, if proffers are offered for Traffic Demand Management, then the statement would point out that reduced VMT would reduce GHG.
186	upgrading buildings to LEED levels; including rain gardens in landscaping for water quality
187	More emphasis on stewardship and what it really means: protecting and conserving environmental resources for future generations.
188	Consider the impact of global trade on the local ecosystem of Fairfax County (importers from other countries/invasive species introductions).
189	Should include more focus on regional partnerships w/ surrounding counties; land owned by the federal government; should highlight the Potomac River shoreline as a vital natural resource and evaluate ways to enhance and protect it while providing additional access
190	The plan appears to have been put together by climate change deniers. The dangers of climate change were well known in 2004 and 2007, yet the document ignores them completely.
191	See above
192	Solid waste is addressed but there needs to be more education about litter. There is trash everywhere along roads, in woods and ponds. I read about a town in Texas that hired (could have been volunteers) litter captains who were assigned areas for volunteer cleanups; educated people in their areas; had limited enforcement powers if littering was witnessed and so on. Apparently, the program was successful and it took the burden of enforcement away from the police.
193	In the environmental stewardship section, teaching communities about the importance and available foot and bike paths is important. Unless people know the option to walk or bike is available, the paths may not be utilized. In addition, providing communities with the knowledge of how to bike safely is important. Unless people feel they can safely bike somewhere and know the rules of the road as a biker, people are less inclined to use a bike.
194	It does not address the destruction created by over population of deer and the presence of invasive plants like wisteria and kudzu. Both the deer and invasive plants are destroying the County's parks. Much more aggressive deer harvesting needs to take place each year. And the funds for invasive plant control needs to be increased by at least ten times.
195	More focus on affordable housing that includes environmental awareness in the construction and ability to recycle by residents.
196	I don't see a commitment to fund the high need for healing the large sections of public open space held in parks that serve as the only filters and buffers to help address the environmental issues we have.
197	More in depth environmental stewardship goals for all community members AND ways to reduce impacts that are repeated everywhere-- not just on county websites. Advertise these at VRE and bus stops, on buses--and other places people stand and wait. Folks should know how much greenhouse gases emitted to air per gallon of gas. Simple facts with graphics. Pesticide signage in box stores--cuz no one reads labels.
198	I didn't see an emphasis on planning future development in such a way that people have the option of walking or biking to places like the grocery store, local parks, or restaurants. For example, the Shirlington neighborhood in Arlington provides a nice "urban village" right on a bike path that people in surrounding neighborhoods can reach by foot or bike, without even having to travel on roads (this allows families to travel by bike without worrying about their kids getting hit by a car).

**Q3 Are there any other changes you would suggest to the Environmental Vision? If so, please elaborate.**

Answered: 250 Skipped: 35



Answer Choices	Responses	
Yes	64.00%	160
No	36.00%	90
<b>Total</b>		<b>250</b>

#	Please explain suggested changes:
1	The county needs to focus more on using native plants in its own green spaces and on encouraging native plant use by residents. Some of this is already happening, but I suggest ramping up the effort. In particular it's critically important to encourage planting of butterfly- and bee-friendly plants, because both butterflies and bees are gravely threatened, and they're both essential to our ecosystems. Native plants are also useful for handling water use (especially in the form of rain gardens) and lowering herbicide, pesticide and water use.
2	The Vision needs to go one level deeper - to begin to assign measurable goals, ownership and stakeholders. It is 9 years old (why hasn't it been updated before now?) and it is so loosely written, progress can either be claimed or refuted based on the loose language.
3	Individual homeowners ability to contribute to the overall health of our region without feeling like it is fight within our own home boundaries/HOAs.
4	Focus on sustainable living with more emphasis or reducing demand as first option then recycle. Put goals on electric users to reduce their energy usage. In solid waste, encourage homeowners to mulch their grass clippings and leaves in place.
5	The County should be a leader in sustainable practices, such as water infiltration, soil health, and invasives management. However, the County continues to plant invasives (such as barberry and Vinca) at the Government Center. Our foresters and environmental staff are great resources for sustainable practices. The Board of Supervisors should more fully utilize this expertise.
6	Shouldn't addressing climate change be a section on its own? Current version has one mention of minimizing it by preserving and planting trees. Given knew flooding problems the last few years, snow and wind extremes, this area warrants more attention.
7	In IV and VI, the involvement of students is a sop.How do they have time, who will organize and supervise, and especially what measurable outcomes will result?
8	Will we continue to build McMansions on large parcels of land, widen and add to our roads, do nothing to prep for the recent projection of 6 ft sea level rise by 2100, continue to permit over-heating and overchilling our homes and offices?

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9	Plastic bag and Plastic water bottle disincentives (tax, ban) Ban on polystyrene Create county curbside compost program
10	Section "IV. Solid Waste" should include details on: 1. Reducing food waste through the sustainable management of food at county scale. According to the EPA, "more food reaches landfills and incinerators than any other single material in our everyday trash, about 21 percent of the waste stream." As an added benefit, "reducing food waste will help the United States address climate change, as 20 percent of total U.S. methane emissions come from landfills." <a href="https://www.epa.gov/sustainable-management-food/united-states-2030-food-loss-and-waste-reduction-goal">https://www.epa.gov/sustainable-management-food/united-states-2030-food-loss-and-waste-reduction-goal</a> 2. Reducing waste by reducing single-use plastic products such as foam containers and plastic bags. Washington DC enacted a bag fee <a href="http://doee.dc.gov/bags">http://doee.dc.gov/bags</a> and a ban on foam containers <a href="http://doee.dc.gov/foam">http://doee.dc.gov/foam</a> and. There is no reason why Fairfax County can't aspire to do the same.
11	Climate change is happening in an alarmingly fast manner. Do not hesitate to change the county's relationship with non-renewable resources.
12	To the extent State policies currently limit what can be done, e.g., in promoting renewable energy, include in the plan that the County will work with other local jurisdictions and the General Assembly to secure the needed changes.
13	The Environmental Vision should fully support MWCOG's Climate, Energy and Environmental Action Plan, which identifies 59 recommended actions for local governments to achieve the region's goal of reducing greenhouse gas emissions 20% below 2005 levels by 2020. Recommendations are aimed at reducing the carbon impact of the built environment, energy, and transportation sectors while increasing resiliency and improving education and outreach.
14	As outlined above, the County's environmental vision needs to specifically acknowledge the growing harm from climate change and the accumulating CO2 burden we are leaving to our children. The County needs to commit (a) to dramatically reducing its direct and indirect emissions of CO2 and other greenhouse gases by 2025; (b) to buying or self-supplying 50% of its electricity from clean renewable energy by 2025 and 100% by 2040; (c) using its legislative and zoning powers, including incentives, to get businesses and residents to improve efficiency and shift to clean renewable energy.
15	The vision would be improved with an overall context of publicizing its inherent commitment to the people of Fairfax County at every opportunity. To be on the right side of environmental issues Fairfax County needs to be vocal with a intention to turn every resident into an informed champion for the environmental health of our region.
16	More attention to these goals along Route 1 south of Alexandria. Recognition that some kinds of retail are not going to happen in light of the internet when pursuing redevelopment.
17	How county will prepare to adapt to climate change including water issues How we will do our part in the County to reduce greenhouse emissions directly and indirectly Focus on things that do all at same time - save money (lightbulb example), mitigate, and perhaps also adapt at same time such as better green space plantings etc
18	Enforcement
19	For citizens, the "County", FCPS, library, parks, etc are ALL one -- they are Fairfax County. This document speaks about schools, for example, as if they are something separate. This should be a true "County" vision, incorporating FCPS and having FCPS incorporate the material. Speak strongly about the co-benefits from action (tighter codes, etc ...) Be serious about leadership position in region/nationally -- such as including renewable energy production in building codes, aggressive water harvesting (rain barrel programs), pursuing electric buses for schools, etc ... Fairfax County & FCPS are seen -- with reason -- as better at press releases than substance on environmental issues. Far past time to change this.
20	The county needs to consider an environmental plan that is well integrated, with various categories supporting each other. For example, water quality is directly impacted by growth, climate change, and poor regulation. The environment must be considered a priority and be understood essential for a healthy, thriving community. Not as an after thought, or when it is convenient to "save". The plan should underscore the importance of all departments within the county (transportation, water, parks) and provide these departments with the resources necessary to accomplish goals that are set.
21	target dates for suggested improvements and county agency responsible
22	See above remarks.
23	Emphasis on Green Schools, environmental literacy and education in K-12 so that we are growing the next generation of Community Leaders
24	Would like to see more focus on habitat protection.
25	a few more dog parks
26	Better out reach for citizens about how to be better stewards for the Earth. More progressive and aggressive protections. Mandates that protect natural areas and prohibit sale of invasive plants. Charging for plastic bags.

## Fairfax County Environmental Vision Update

27	Better emphasis on proper entities taking control and maintaining of stream valley and similar green spaces. Park Authority chase for 10% is an arbitrary goal especially when it is not equipped to maintain current green space.
28	With a growing population, air and environmental pollution if not addressed will cost the citizens in the long run on health issues.
29	Look more specifically at wastewater management specification goals, especially in designed environment
30	Establish continuous monitoring of stack emissions of dioxins, furans, phthalates, lead, mercury, nickle, hydrofluorocarbons, ozone, particulate matter, etc. Fund third party operated air quality testing in Lorton with reporting done continuously and online. Loads are potentially being dumped directly into the hopper circumventing examination and continuous video monitoring of floor of incinerator could be provided 24/7 online for citizen surveillance.
31	The document shows good stewardship locally, but climate change affects the world and should be included for all to consider in plans for the future. What is Fairfax County, considered to be a national leader in many areas, going to do in this regard? How will it state and implement actions?
32	Add information on climate change. The Huntington area floods regularly now, and that's due to climate change. We have seen massive amounts of damage to the county from extreme weather, due to climate change. To not mention climate change as an issue is to do a disservice to science.
33	Too numerous to list. Talk directly with groups that have no financial interest such as Master Naturalists, EarthSanga native plants, Audobon and others.
34	An additional section dedicated to addressing the impact of climate change.
35	Fairfax County has the opportunity to encourage the development and use of renewable energy sources, including solar and wind power. The Vision Statement also places insufficient emphasis on the expansion and improvement of bicycle trails and routes.
36	There should be a more concerted effort to look at excess apartment/housing development in Reston. There are too few parking spaces at the Harrison, which means people chose to have cars over using public transportation easily available to them.
37	Exploring resources of renewable energy
38	Our county as one of the richest and best-educated counties in the country should be in the forefront of responding to climate change dangers that threaten us and following generations. We have the best policy wonks, we can do better than this.
39	The county may want to consider an emphasis on 'Green Businesses'. With Fairfax Co. already home to many innovative, industry-leading businesses, it would be a natural progression to compliment them with 'green industries', non-profits, and related professional services. The DC meto area is a national leader on many environmental issues, and the associated business that currently exist in the region may be drawn to a Fairfax Co. committed to their interests and concerns. Additionally, the 'green jobs' created will contribute to the culture of environmental stewardship, building a feedback loop of greater awareness, smarter policy, and action to enhance the environment of Fairfax County.

## Fairfax County Environmental Vision Update

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The county could emulate DC, which has an inspiring sustainability plan. It is bold: BY 2032, the District will be the healthiest, greenest, most livable city in the nation by using sustainability solutions to address core challenges. Included in its goals is reducing greenhouse gas emissions by 50% and plan for climate change impacts, new construction and big buildings are net-zero, citywide energy use cut by 50% and use of renewable energy by 50%, send zero solid waste to landfills and reduce total waste generation by 15%, increase waste diversion rate to 80%. [http://www.sustainabledc.org/wp-content/uploads/2012/10/SDC-Summary-Documents-2-19\\_0.pdf](http://www.sustainabledc.org/wp-content/uploads/2012/10/SDC-Summary-Documents-2-19_0.pdf) Especially useful are the ways that the DC sustainability plan describes commitments to make these goals into practical reality: GOAL 1: Expand District government leadership to implement the Sustainable DC plan. 1.1 Dedicate District government staff and funding to implement the Sustainable DC plan, track progress, and make results publicly available. 1.2 Implement a process to collect, analyze, and report data to ensure progress toward goals and targets by prescribed dates. 1.3 Identify existing laws, regulations, and policies that conflict with sustainability goals and areas where new authority is required. 1.4 Expand public/private collaboration to meet sustainability goals. 1.5 Expand sector-based sustainability pledges and challenges to promote adoption of sustainable practices. 1.6 Continue annual "Budget Challenge" competition for innovative sustainability projects within District government. CLIMATE & ENVIRONMENT Goal 1: Minimize the generation of greenhouse gas emissions from all sources. Target: By 2032, reduce greenhouse gas emissions by 50%. 1.1 Create online tools that allow people to view and share greenhouse gas emissions data and make more informed choices. 1.2 Create financial tools that support climate protection programs by capturing the environmental costs of products and services. 1.3 Report District emissions on a regular basis to track the reductions that can be attributed to specific initiatives. Goal 2: Advance physical adaptation and human preparedness to increase the District's resilience to future climate change. Target: By 2032, require all new building and major infrastructure projects to undergo climate change impact analysis as part of the regulatory planning process. 2.1 Evaluate the vulnerability of the District's energy infrastructure to the anticipated impacts of climate change. 2.2 Prepare District emergency services to respond to severe climate-related events such as extreme heat, storms, and flooding. 2.3 Require adaptation solutions as part of planning consent for new developments. 2.4 Ensure transportation infrastructure can withstand the upper ranges of projected climate change impacts This is the kind of plan that Fairfax needs, an environmental sustainability vision and practical plan that commits to preserving the quality of life of all of our citizens, now and into the future for which the Environmental Vision will help us see.

In reviewing the Environmental Vision, the only mention of climate change is p. 6, which recommends planting trees to minimize climate change. With the threat of global and local climate chaos, it is astounding that the County's environmental vision calls for planting trees to minimize climate change!!!! The draft document does not mention the words: "energy", "warming", "greenhouse gases" or "resiliency". More than 100 cities worldwide have pledged to carbon neutrality by 2050. The nations of the world pledged to make massive reductions in carbon pollution. The Metropolitan Washington Council of Government is developing guidance on environmental justice, metrics for gaging the public health and welfare effects of environmental degradation of people in our region. The Environmental Vision should include a commitment to environmental justice and building the resiliency of our communities and our environment to the inevitable stresses of extreme environmental stresses -- especially the impact of extended heat waves as they may disproportionately impact poor, disadvantaged, young and elderly, and the impact of sea level rise on the shoreline communities along the Potomac (as highlighted in the EQAC annual report in 2016). In 2007, the Fairfax Board of Supervisors were founding members of the "Cool Counties Initiative" and committed to an annual 2% reduction in green house gas emissions. With other leading counties, Fairfax committed to create an inventory of our county government (operational) greenhouse gas ("GHG") emissions and implement policies, programs and operations to achieve significant, measurable and sustainable reduction of those operational GHG emissions to help contribute to the regional reduction targets; Work closely with local, state, and federal governments and other leaders to reduce county geographical GHG emissions to 80 percent below current levels by 2050, by developing a GHG emissions inventory and regional plan that establishes short-, mid-, and long-term GHG reduction targets, with recommended goals to stop increasing emissions by 2010, and to achieve a 10 percent reduction every five years thereafter through to 2050; and urge Congress and the Administration to enact a multi-sector national program of requirements, market-based limits, and incentives for reducing GHG emissions to 80 percent below current levels by 2050. Urge Congress and the Administration to strengthen standards by enacting legislation such as a Corporate Average Fuel Economy ("CAFE") standard that achieves at least 35 miles per gallon (mpg) within 10 years for cars and light trucks. The proposed Environmental Vision makes no reference to these commitments made by the Board of Supervisors and publicly displayed on the County's website.

I. Growth and Land Use: Not only does development effect carbon emissions and public health, it also diminishes biodiversity and animal and plant habitats and migration routes thereby reducing resiliency in all natural systems. Imbalances in the eco-system occur which is harmful to all life. All building needs to be include energy efficiencies, including affordable housing where a disproportionate amount of the family budget is spent on energy. Greater attention in this section should be on reducing personal automobile use, encouraging mass transit and alternative transit such as bicycling, high density zoning which encourages affordable housing near mass transit and employment opportunities, incentivizing LEED certification at higher levels (e.g., gold or platinum) for all new commercial construction and major renovation, improvement in waste stream management through such methods as modifications of recycling.

II. Air Quality and Transportation: Carbon emissions, including methane, are particularly important to air quality, smog, and particulates. Thus, measurements of methane leaks and repairing of leaks are highly important. Air quality is directly related to public health issues such as asthma, heart, lung and other diseases, including strokes. Child and adult asthma is increasing. Better measuring systems are needed, communication to the community, and greater involvement of the health community are need. Reducing carbon emissions by more diversity in transportation and encouragement of it are especially important. Dispersing of employment centers, having them nearby to housing sectors, is important.

III. Water Quality: Run-off and loss of water in the Fairfax County watershed area is a major issue and will continue to be so particularly with heavier rainfalls and droughts -- these are directly related to climate change/global warming. Effects of this are already happening in the County and will only increase. Thus, ways to capture and store water within the County, thereby reducing erosion and soil and water loss will be important. Loss of watershed charging and re-charging capacities will have serious consequences for County water tables, life and sustainability. Education of the community about consequences of erosion, soil and water loss is necessary.

IV. Solid Waste: Update technology to remove harmful emissions as well as metals and other environmentally unhealthy toxins. Particularly construct landfills so that no seepage occurs and have additional checkpoints and data related to landfill emissions. Utility companies and businesses need to have increased fines and other consequences if caught illegally dumping and/or mishandling toxic materials.

V. Parks, Trails and Open Space: Incorporate migration routes into planning and refurbishing of trails, parks, etc. Incorporate sustainable land use practices and planning into the system, along with habitat supports such as plantings which attract pollinators, butterflies, etc. And use native and sustainable, low-water need plants and trees. Provide more community garden spaces throughout the County which reduce travel time to the garden spaces. This reduces GHG emissions. Consider all inhabitants (biodiversity) in policies related to parks, trails, open spaces, etc. Plantings and water systems need to retard mosquito habitats. Any spraying, fertilizers, additives need to be eco-friendly and environmentally non-toxic.

VI. Environmental Stewardship: Caring for the environment most essentially means reducing carbon emissions as increasing GHGs in the atmosphere is changing everything and not for the better. All are threatened, and are now threatened and suffering consequences in many parts of the globe, including the US. Connecting environmental stewardship with reducing GHGs -- because it effects every environmental aspect -- and is directly related to environmental stewardship is essential. Highlighting the immediate positive effect of energy efficiencies to reduce carbon footprint is essential and necessary.

VII. Reduction of Carbon Footprint -- a 2% reduction per year, tracking and sharing of data related to carbon reduction, air quality, energy efficiency.

## Fairfax County Environmental Vision Update

42	For example, please see DC's Sustainability Plan ( <a href="http://www.sustainabledc.org/wp-content/uploads/2012/10/SDC-Summary-Documents-2-19_0.pdf">http://www.sustainabledc.org/wp-content/uploads/2012/10/SDC-Summary-Documents-2-19_0.pdf</a> ) It sets a goal for Climate & Environment of reducing greenhouse gas emissions by 50% by 2032, with specific targets to accomplish this. Reporting progress on a public dashboard is essential to track progress. A good start would be to set an example in increasing energy efficiency in county buildings and schools, and demonstrate savings to be achieved. A dashboard on progress would help monitor results. Land use and transportation policies and building codes must incorporate ways to reduce carbon emissions.
43	Putting in a section about climate change and focus on emission of greenhouse gases from fossil fuels.
44	Climate change is the most important issue facing the world today. The Environmental Vision should include ways to increase energy efficiency, to use more clean, renewable energy, and phase out use of fossil fuels. People are experiencing more extreme weather across the globe, with resultant flooding and drought. We need look no farther than Norfolk to see the effects of too much carbon in the atmosphere and sea level rise. What we do here in Fairfax County has a global effect.
45	Climate change needs to be addressed, with a long-range plan for lessening dependence on fossil fuels and increased use of renewable energy sources.
46	Maybe have more alternatives for wind and solar energy, encouragement of rain barrels, composting, etc.
47	Reducing the allowed hours of construction hours in residential areas and the range of noise pollution.
48	That Climate Change become part of the top issues impinging upon the County. That a category be added for Climate Change itself and, in addition, that climate change challenges be integrated into each of the other categories so that there is an integrated plan to mitigate and adapt to climate change at every level of County oversight and stewardship of resources. That
49	A stricter stance on the environmental issues that are facing Fairfax County - other local counties are setting precedents to cope with the very serious threats the environment is facing.
50	We, as a county, need to reduce our fossil fuel dependence and focus on climate change. Providing more efficient, effective mass transit options and encouraging employees to work from home will work toward this goal.
51	long term plans to incorporate more water buffer areas between business and homes and wild areas. Address invasive plant issues (Tree of Heaven, Autumn Olive, Bradford Pear, Myscanthus grass, Oriental bittersweet, Japanese honeysuckle, Japanese knotweed, etc.) Plant native wildflowers along roadsides and only mow once or twice a year unless safety is involved.
52	IDENTIFY areas where Fairfax County is most susceptible to destructive environmental changes through Climate Change. Although I think that the current list addresses issues that could reduce negative impacts, I think a Climate Change Coping plan is needed and necessary
53	Provide real incentives and penalties to those who would shift the burden of this important effort to the rest of us.
54	I hope that Fairfax County will allow Conservation Easements to have the same property tax reducing effect of the Agricultural and Forrest zones. Conservation Easements have the added benefit of permanence, whereas the A&F zones need to be renewed every 8 years. They also allow the land holder to be a permanent steward of the protected environment, and this would lead to more of the "open space" in the county being protected.
55	There is no mention of bike lanes. we need safe bikeways to metro stops, to schools, to community centers, and shopping.
56	I would suggest that the Vision include a goal of addressing greenhouse gas emissions and sustainable energy alternatives.

## Fairfax County Environmental Vision Update

57	<p>Section 3, Subsection I. Growth and Land Use: * Establish a reasonable amount of square footage per resident in residential areas, and levy a graduated tax on improvements exceeding the limit. It would make more sense to levy a surcharge on combined use of electricity and fossil fuel by a residence, but that may be impractical due to the multiple suppliers involved. * Establish a reasonable amount of water usage per resident in residential areas, and levy a graduated surcharge on water usage exceeding the limit. * Require new residential construction to include an estimate of the cost of yearly water and utility usage with advertising and sales documentation. * Encourage via construction standards or other mechanism, improvements in energy efficiency for residential, commercial and industrial construction. * Change the zoning laws to support affordable group living in residential areas. Prohibitions on group living unfairly penalize low-paid residents and lead to increased driving from distant residences. This wastes resources and increases traffic. In parallel, conduct publicity campaigns to educate voters that limiting opportunities for low-paid residents drives up expenses for everyone. * Change the rules for residential new construction so that it is no longer permissible to replace each mature tree with two small trees that provide minimal foliage cover in comparison. Apply a surcharge to new construction on treeless or minimally treed lots, offsettable by appropriate planting of additional trees, to discourage owners of treed building lots from cutting down all trees before selling the lots for development. * Encourage the replacement of grass cover with tree cover for both new and existing construction. Surcharges on high water consumption might help with this initiative. * Establish a program that provides feedback to homeowners whose residences are particularly efficient in their overall use of energy per occupant. Perhaps something similar to the "EnergyGuide" markings on large appliances, except on utility bills? This would need to be consolidated across all utilities and include the number of residents, which would be a challenge – but seems possible. Section 3, Subsection II. Air Quality and Transportation: * Establish an objective to encourage the use of shared driverless cars by residents and County staff as the technology becomes viable. Shared driverless vehicles have the potential to dramatically reduce air pollution, traffic, and energy use, assuming that residents can be encouraged by moral and/or fiscal stimuli to begin adopting this option. Section 3, Subsection III. Water Quality: * Encourage (with subsidies if necessary) residential and commercial collection of rainwater, together with a mechanism for delayed release. This should help mitigate some of the impact of impervious acreage. A simple and affordable approach for new construction could be the equivalent of a septic system, but for rainwater only. Something similar could be implemented under parking lots, equivalent to a paved-over rain garden, as an addition to the paving or repaving process. An obvious design and maintenance challenge is keeping such systems from becoming plugged with leaves and other debris.</p>
58	<p>We could see more investment in solar panels by government agencies and facilitate increased use of solar and other renewable sources by government, businesses, and consumers. I regularly use the parks and open spaces offered by Fairfax but am concerned that these will be compromised if we don't account for climate changes caused by human carbon production. I would advocate adding an additional bullet section dedicated to demonstrating leadership in renewable energy consumption and conservation to inspire Fairfax business and consumers to follow. Fairfax could become a case study someday that other parts of the world would follow. We have the talent and education in this county to make great strides in this area and doing so would create new jobs.</p>
59	<p>A new thematic area addressing climate change should be added.</p>
60	<p>The descriptions in themes # 5 &amp; 6 could easily be expanded to accommodate initiatives for promoting the counties use of native plants in its landscaping.</p>
61	<p>Climate change will impact those who live to witness it. The Vision should address stewardship in regards to preventing climate change for the future of the county and the nation.</p>
62	<p>Fairfax County is now an urban place, not a suburban one, so we have urban problems like homelessness, a shortage of workforce housing, and too much traffic, without having urban infrastructure to deal with them. We need holistic thinking to solve housing issues while making our communities more pleasant and connected places.</p>
63	<p>Add new sections addressing climate change, reducing Greenhouse gas emissions, sustainability and increasing County use of renewable energy.</p>
64	<p>Climate change awareness and sustainable urban design with a strong focus on environmental concerns are a major concern for myself and many others in my community. 97% of the science is clear that this is an area we need to start addressing.</p>
65	<p>Suggest that more emphasis be placed on limiting development in order to preserve open space. In addition to community and pocket parks, need more trails linking parks and open space (like the Cross County Trail)</p>
66	<p>We need to develop the infrastructure before and during development. Now the schools are overcrowded and roads are choked. Development is degrading my quality of life.</p>
67	<p>See #2.</p>
68	<p>Include language about climate change.</p>

## Fairfax County Environmental Vision Update

69	1. Air pollution from petroleum vehicles on our roads while Electric Cars are taxed more than internal combustion, including personal property taxes—taxes which for electric cars in neighboring counties are half that of gasoline cars. Electric car property taxes should be taxed at a reduced rate. 2. Global climate change will increase our snow severity and we need to plan for that and other dangerous climate effects. 3. Pedestrian walkways, especially from public electric vehicle service equipment (charge station) to the regions people need to be. Sometimes those stations aren't near the shops, and the walk to the shops can be dangerous.
70	plan for climate change!
71	More suggestions of job creation
72	In addition to adding a separate section on Climate Change: In section II should add ways other than transportation issues for improving air quality and reducing greenhouse gas emissions, such as using less hot water, using energy efficiency items, planting trees, etc. In section III, should also address how to ensure quality of drinking water. In section IV, should address limiting enlargement of the Lorton landfill. In section V, should address funding to maintain current parks and trails in satisfactory condition. Many tennis courts are in desperate need of upkeep. In section VI, should address how to encourage citizens to support ways to combat Climate Change.
73	Increase opportunities for children - and adults - to experience - learn-about - and enjoy the natural world - the out-of-doors
74	Should be tied to an action plan with specified goals and execution timelines
75	Increase public outreach and make the general public aware of projects and ways they can contribute.
76	Less emphasis on continued "growth" - i.e., development status quo - and more emphasis on mitigating climate issues and dealing with current climate problems, and becoming less fossil fuel dependent. More economic incentives for weaning our dependence on fossil fuel and transitioning to a carbon-neutral community. Stronger county school requirements for environmental education.
77	The effects of climate change present issues of health, economics, and aesthetics. I want future generations to be able to enjoy the resources and amenities of Fairfax County at least as much as we can today.
78	zero GHG emissions; beyond Metrorail, increasing public transit use overall.
79	Include a section on climate change and the opportunity to reduce electricity consumption from the grid by installing solar on public buildings, such as schools.
80	End the use of plastic bags- I am tired of picking them up wherever I go.
81	Climate change is extremely important to me, and to every other citizen of Planet Earth, whether they're aware of it or not.
82	As I have mentioned above in previous answers, I think human caused global climate change is the most important environmental issue facing mankind today. There is world-wide agreement among scientists in the field that it is real, and the 'skeptics' have been discredited. Fairfax County should therefore emphasize this in its Environmental Vision.
83	It is unrealistic not to include climate change when it is proven, is already affecting the County and state, and is not going away. If you haven't heard, the far right wing reactionaries have had their day - we have taken back the Republican Party and want to start getting the job done.
84	See above's response
85	Less emphasis on water quality and more on water quantity.
86	Rod Simmons criticized stream bank improvements in the county. Are we following best practices in fixing stream banks?
87	encourage homeowners to reduce lawns and replace with watershed friendly practices increase natural habitat areas on county land address local solutions to climate change
88	climate change - affects all of us and will effect our children's children even more.
89	Regarding the solid waste stream, there is nothing specified in this section about possible ground-water effects (perhaps there are none), but it seems as if emissions from such a facility is not the only concern. What happens to the heavy metals resulting from incineration?
90	I would like to see a concentration on environment and climate change, etc. in the public and private schools, starting in the kindergarten and up through high school graduation. IN that way, we are helping our youngest people will see and understand environmental protection and stewardship as one of their major responsibilities throughout life.
91	Addressed above.
92	Climate change.

## Fairfax County Environmental Vision Update

93	Fairfax County needs to get serious about Climate Change and to help government, businesses and resident significantly reduce their GHG emissions. Fairfax County needs to seek out other counties that are well on their way to significantly reduce their GHG emissions and emulate the successful ones.
94	Increase awareness to protect the environment. Ban plastic shopping bags, except for low income individuals.
95	Please incorporate public education and encouraging children to participate in all aspects of environmental issues.
96	stop building high. we do not need anymore high rises or townhouses. they flow over into the single home communities and change the appeal and environment.
97	Encourage people to plant trees in their yard! 1 real shade tree (not crepe myrtles or decorative trees) tree can do the work of 4-5 air conditioners. like oaks, maples, linden, sycamore, gum, tulip poplar... look to Casey Trees in DC to see how to encourage people to plant trees in their yards.
98	The vision does not address wildlife issues at all, which are also a major part of the environment.
99	As I mentioned in #2, the County's vision should be integrated into the Paris Accord that attempts to address climate change. This effort is, perhaps, the last best effort we have to avert large-scale catastrophic damage to our economic and political systems. One major step the County might take would be to divest its assets, including its pension funds, of fossil fuel stocks and bonds.
100	More detail is needed. What about invasive plants, large pieces of immovable litter in our streams, overuse of pesticides, and no easy way to report environmental problems? Sustainability needs to be encouraged such as allowing backyard chickens.
101	see above comment
102	Under solid waste, I would love for there to be an organic materials bin, as Arlington Country provides this for their residents, why can we not provide composting as an option here?
103	Please make a big effort to clean up streams and make stream crossings usable at all times of year. Horsepen Run Stream Valley Park, for one, has big issues. The tunnel under McLearen is often so muddy that it's practically impossible to use for weeks after a lot of rain. The stream crossings right there aren't too bad if you're on foot, but the one at the 286 end is barely usable (no crossing stones or bridge, so you have to wade through the water!), there are places where the path gets muddy or turns into a puddle, and if you're on a bike or pushing a stroller there's no easy way to get across any of them except the bridges. Also, there are many missing path and trail sections, such as along the gas pipeline between Monroe Manor and Fox Mill Road and along West Ox between 286 and the pipeline just east of there. And there is far too much poison ivy along the paths and in open areas that should be fine. The pipeline area just east of 286 and north of West Ox, for instance, is a huge open patch of poison ivy and prickly plants. It should be a field you can walk through or play ball or frisbee in.
104	It also needs an overall update.
105	Would also like more emphasis on correct recycling including reduction of plastics, e.g. water/soda bottles
106	We need a plan to address light pollution and air/noise pollution, due to lawn care. Cigarette smoking should be banned from trails, parks and outside of schools (as well as cigarette litter)
107	The concrete plant on Gordons Road allows dust to exit their plant and this dust is cancerous to those that breathe it
108	The county must do everything it can to reduce our dependence on fossil fuels, provide more renewable energy sources, incentivize people to reuse, recycle and compost and to not buy so many things that are just thrown away. The county must prepare for more severe storms and flooding and move people out of low-lying areas.
109	Add statements about alternative energy (solar)
110	An entire section on energy conservation for county facilities and operations. Another section for outreach and incentives for energy conservation to residences and commercial operations. Much more focus on energy conservation in the vision of county. Hiring an county wide energy coordinator that was authorized in 2009 but not filled because of budget considerations. An energy coordinator could work to engage staff and the public, suggest and oversee energy conservation projects in county facilities and operations. Lobby the state to adopt the ICC model energy code without reducing its effectiveness.. Provide transparency in energy consumption of county facilities by providing a public energy dashboard for each county building and an annual report of the progress of energy conservation in facilities.
111	As a stream monitor volunteer, I fully support the plan's emphasis on non-point source runoff issues. Since the county has very few healthy streams, this topic deserves focus in this plan.
112	Creating a connected bike trail system so short and longer trips can be made safely and efficiently without need for a car.

## Fairfax County Environmental Vision Update

113	Have a more specific plan for preserving and growing the tree canopy. Start a municipal composting program. Start an renewable energy program, look at Arlington, and require all new buildings to generate 10 percent of their own electricity. Have a more proactive storm-water mitigation plan. Dedicate resources to programs to address climate change.
114	Having undeveloped land is not enough. It needs to be maintained and managed. A poorly managed forest does little for the ecosystem if it is covered in invasive plants.
115	Don't have time right now to thoroughly review and comment on the plan.
116	Add a partnering with public and industry category.
117	more focus on the importance of urban forest and trees--not just tree canopy but QUALITY tree canopy from healthy native trees
118	The vision is quite comprehensive. However, focusing on getting citizens to drastically decrease their solo (single occupant vehicle) driving. This will be nearly impossible for older people who have only known this way of life. But younger people will be more flexible. The vision has to focus on changing the culture around solo/SOV driving as the main mode of transportation. Currently driving is very convenient and perceived to be cheap. But it's not environmentally or financially sustainable.
119	Protection of habitat for pollinators needs to be addressed and emphasized. Mowing takes place in areas where milkweed and other beneficial plants grow, destroying habitats for monarchs and other pollinators. Neonicotinoids are used in plants throughout the county and those have been found harmful for honeybees. There is no protection for residents who live near others who are spraying pesticides such as mosquito controls - there should be a notification system where those nearby are notified of that danger. Beekeepers need to be notified as well in order to protect their colonies. Fairfax should also remove limitations on owning chickens to allow homeowners to collect their own eggs and reduce the pollution created in our current food transportation chain.
120	Don't be so restrictive-too many regulations without much benefit.
121	Include a commitment to report annually on progress toward goals, including degree of accomplishment of measurable actions for revised vision
122	see comments above
123	Emphasizing what the end-user (consumer) can do to help mediate the problems.
124	The parks and open space section addresses the parks as an active recreation. However, smaller scale urban parks are actually passive recreation, and are as important to promote passive environmental friendly behaviors. I think clarity in policies to promote urban parks and active town centers. An equally important aspect of this, is the distribution of these pocket parks and the quality of them in neighborhoods with all different economic backgrounds. There seems to be an uneven distribution of high-quality passive recreation in less affluent neighborhoods, where these amenities are even more needed.
125	Establishing the best facilities and emphasizing the need to recycle everything.
126	Mixed use is not a positive, adds more need for sewer usage, traffic, etc. Let's reduce overall development.
127	Again, too little, too late.
128	There are limited ways to travel safely other than by car. Some areas have sidewalks, while many others have dangerous roads with no where to walk but the street. Bus routes for anyone except school children is either non existent or very limited.
129	County organized or sponsored waste clean ups (not just students) Add Requirements for developers to follow best practices and a "do no harm" approach.
130	Please try to limit use of unnecessary chemicals on lawns and "encourage" (penalties) nursery farms to NOT sell invasive plants.
131	Follow International Dark Skies lighting guide for public facilities.
132	Incentives or requirements for developers to preserve open space
133	Give it teeth.
134	I wonder how fairfax county can improve air quality with such low flying aircraft with unregulated emissions. Perhaps getting these aircraft flying high needs to be part of the environmental vision.
135	The county has a lot of resources for biking and walking, but they are poorly connected, and there are too many places in the county where the side walk or bike path ends. Updating the vision to include connecting existing resources would show a dedication to maximizing the value of our current infrastructure.

## Fairfax County Environmental Vision Update

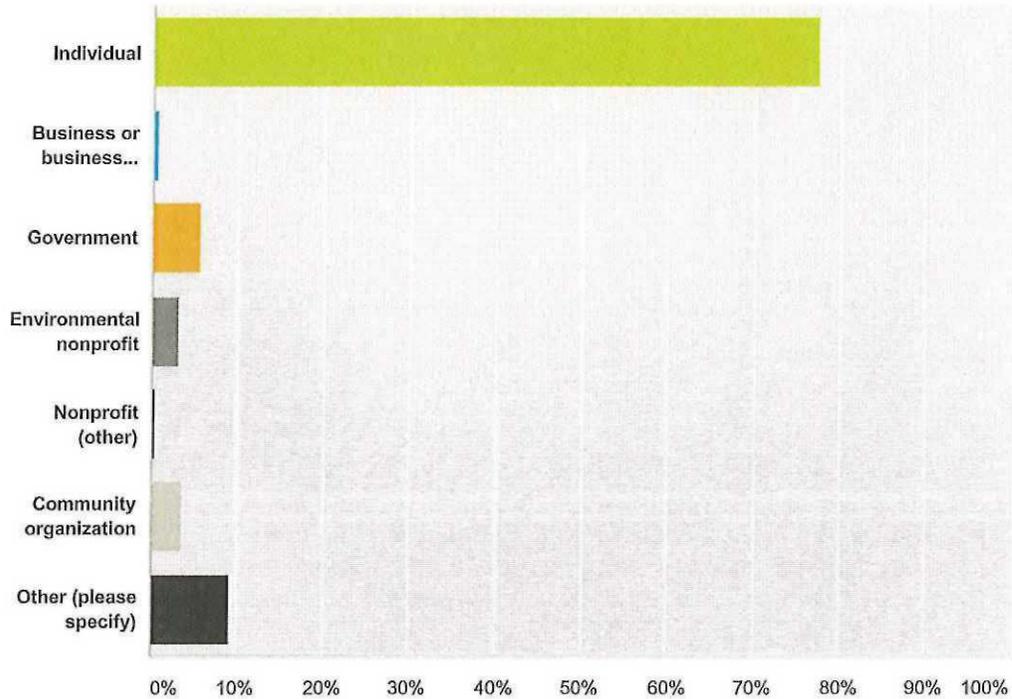
136	The Vision should recognize "sustainability" as a moral challenge by defining it as living so as to meet the needs of the present without compromising the ability of future generations to meet their needs.
137	Identify and address plans to maintain and dredge the existing community lakes (Lake Braddock, Royal Lake, Woodglen Lake, etc.) and their related runs.
138	tax credits for environmentally friendly action like solar power for homes, using less water, etc.
139	enhanced and faster implementation. Especially the integration of environmental concerns into other policies (e.g. development) needs constant attention.
140	Allow for some wildlife refuges, areas where humans are prohibited to go.
141	Section on how the county staff uses this vision in making decisions and staff recommendations
142	there needs to be some understanding with the zoning people that there has to be some limit on how many homes you can squeeze into one area. frequently one house is torn down and 2 or more houses are built on the same land. The roads, land, nature, water, plumbing, sewage, etc. cannot maintain these seemingly unchecked zoning allowances
143	Fairfax County "requires" proffers for parks, schools, and affordable housing. Proffer money should be re-allocated to include money for transportation improvements.
144	<ul style="list-style-type: none"> <li>• Excellent work has been done recently by Kathleen Wolf of the University of Washington to characterize the socio-economic value of tree and forests. This knowledge should be incorporated in the Introduction in lieu of general claims of enhancing quality of life, preserving vitality, and providing visual relief.</li> <li>• Obviously lots of statements need to be updated throughout. I would extend the period of the County's having protected our environment at least back to the sixties (early adoption of on-site wastewater system regulations) and seventies (stream valley proffers).</li> </ul>
145	Ensure that the latest research is incorporated into the vision. There have likely been many evidence-based studies and case studies published in the last 10 years. These need to be examined and incorporated into plan updates.
146	More commitment to comprehensive sustainable development regarding housing, commercial construction, city planning, and transportation.
147	A new initiative to restore land and to create more natural resource parks.
148	Please see above.
149	look into creating a 'telecommuting' day. It will be a day once a week where people are encouraged to work from home so that we can reduce car usage. Maybe 'telecommuting Tuesday' or 'Work from home Wednesday'?
150	Use of open pavers in parking lots and home driveways to eliminate runoff. Suggests biological alternatives to pesticides or less chemicals in gardening and farming.
151	We now understand how much environment contributes to health. Health issues can no longer be stovepiped separately from environmental ones.
152	Engage the public in hands-on environmental projects to improve the ecology and enhance the natural beauty of our neighborhoods, parks and watershed. Support volunteer organizations with programs and supplies to enable groups of volunteer citizens to actually perform useful work in repairing damage to our trashed environment by collecting litter from the roadside, streams and public parks.
153	Yes. This vision should include benchmark metrics toward an eventual goal. For example, George Mason University has a goal for zero emissions or for being climate neutral by the year 2050. A goal like this would help to take this vision from a 'nice to have' document, to a roadmap for measurable change.
154	We need a strategy for rehabilitating the water quality in parts of the county that were developed before the Clean Water Act amendments were passed in 1987.
155	Simply focusing on getting people to depend less on their cars would make HUGE progress on many of the county's environmental problems. More bicycle infrastructure, less parking, a gas tax, a car tax, and frequent and dependable transit would be helpful. The measures would be strongly opposed by a vocal group of mostly old people and narrow business interests, but the county should focus on young people and the future. The inconvenient fact is that we need to make driving harder so that the county is more livable.
156	While the Vision is of course a statement of goals, it would be very helpful if policies to enact these goals were provided in lower level, detailed guidance documents. For example, Fairfax Energy Plan has the goal of reducing emissions, but the Comprehensive Plan guidance for Commissioners and builders says nothing about preferring reduction of energy use over any other environmental goal

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157	Not in terms of content, but in order to raise awareness and encourage making it integral to our work and our lives, it should be presented to County staff and opportunities provided for discussion of how different agencies can do their work in a way that supports the vision.
158	Increase the funding toward natural resources management in FCPA parks to make both existing and new parks more resilient and conducive to recreation.
159	Get FFX water authority on board w/ environmental stewardship. Reexamine construction of Occoquan Cliffs trail.
160	It is time to stop viewing growth as a necessity or inevitability. More people = more infrastructure and support requirements, leading to constant needs to increase taxes.
161	I have heard that the County does not really recycle because there is so little demand for recycled materials, and that all the trash end up together. True? If so, stop conning us!
162	See above
163	This document and the comprehensive plan need to determine requirements on where grasscrete must be used in new/re developments. Guest parking spots in residential and overflow / employee parking behind retail structures are two ideal places for grasscrete which will reduce impervious surface, improve natural filtering of water and reduce the burdens on storm water management.
164	It mentions inadequate enforcement of watershed protection but doesn't include increased enforcement today and the staff and funding it would take to do that.
165	Most of the county budget goes to the school system, and yet I see no funding from the school side to invest in programs or agencies that could work to improve the public health of students through environmental stewardship.
166	I'd like to see mandatory outdoor environment education programs at all grade levels in schools. If kids don't repeatedly experience how to protect natural resources, our future is sad . If it is just a lesson in the classroom students will not understand the seriousness. We need a reward system for do-gooders. Example: What is the incentive to install rain barrels, rain gardens, compost food waste or convert a portion of their lawn to native plants?
167	Visions need to have specific goals. Goals need a time reference and use action verbs. Saying the Board/Plan is going to coordinate XXX with the Park Board is a generalization too often seen in government writings. The Vision should be built on goals, not what might happen or has happened.

### Q4 What best describes your affiliation when completing this survey?

Answered: 284 Skipped: 1



Answer Choices	Responses
Individual	77.46% 220
Business or business representative	0.70% 2
Government	5.63% 16
Environmental nonprofit	3.17% 9
Nonprofit (other)	0.35% 1
Community organization	3.52% 10
Other (please specify)	9.15% 26
<b>Total</b>	<b>284</b>

#	Other (please specify)
1	Fairfax County Master Naturalist
2	Member of a care for creation group at my church.
3	I am a long-time resident of Fairfax. I also have lengthy work experience with environmental and energy issues and volunteer for an environmental non-profit.
4	i have recently retired and have lived in the Fairfax community for over 30 years, there have been a lot of wonderful changes. We need to work hard at keeping Fairfax the attractive place where people want to move to and visit.
5	Christian called to care for God's creation.
6	Individual with longstanding interest in the environment. Affiliated with Faith Alliance for Climate Solutions

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7	A concerned member with Fairfax Master Naturalist
8	Concerned taxpayer.
9	Member of church environmental ministry group.
10	I am involved in the Faith Alliance for Climate Solutions, because my religious beliefs include a commitment to stewardship of our natural resources
11	as the survey is not properly allowing me to select the radio buttons, I am manually indicating that I am an individual (long-time county citizen)
12	Fairfax County Resident
13	a concerned parent and college professor
14	resident who can't believe that one of the wealthiest counties in our country isn't doing these things. I see so many other communities doing so much more to improve their resident's quality of life and promote activities that address climate change.
15	Retired international environmental consultant and current environmental (natural resource management) volunteer in Reston and U.S. .Botanic Garden.
16	Resident and FCPS Teacher
17	George Mason Universtiy
18	Our entire family and neighbors feel this way; we discuss it at our neighborhood happy hours!!!!
19	university
20	Individual + President of a local HOA
21	I am a community resident in the southern portion of the county but I am also a trained social scientist whose research focuses on community wellbeing and health
22	Government: Director, Northern Virginia Soil and Water Conservation District; Environmental Nonprofit: Founding Director of Green Fire; Community organization: Long time member of Fairfax Master Naturalist and a Certified Master Naturalist
23	Professional environmental scientist/wetland delineator
24	Social Service Agency
25	State employee
26	County Residential Tax Payer