

2022 BOS Candidate Questionnaire Collective Summary
 March 4, 2022

Summaries below are separated by district and presented in alphabetical order by last name of candidate. Responses received from the following candidates:

District 1

- Joelle Gallagher (JG)
- David Graves (DG)
- Suzanne Truchard (ST)

District 3

- Anna Chouteau (AC-1)
- Anne Cottrell (AC-2)
- John Dunbar (JD)
- Cio Perez (CP)

District 1

Item	Inquiry	Gallagher		Graves		Truchard		Optional Comments
		Yes	No	Yes	No	Yes	No	
1.	I consider climate change to be an emergency in need of attention at the local/regional level.	X		X		X		
2.	Given the relatively slow pace of climate change action at the national/federal level, it is imperative for local and regional governments to take the lead on climate action.	X		X		X		
3.	Our current county government is taking sufficient action to address the problem of climate change.		X		X		X	
4.	Given the critical importance of climate change to all aspects of society, in 2022 the county must adopt a “do no more harm” approach to the review of development projects within its jurisdiction.	X		X			X	DG: I am not clear on what the notion of a "do no harm" review entails.
5.	I will support adoption of an all-electric REACH code for new multi-family and single-family residences.	X		X			X	ST: I support exploring this option in conjunction with encouraging developers to do so. I'd love more data as to what the cost of doing business is under REACH codes and whether it disincentivizes thoughtful development.
6.	I will support a ban on new natural gas infrastructure.	X		X		X		JG: Once seen as a "bridge fuel" it seems to be the consensus that natural gas must be phased out because there is no

Item	Inquiry	Gallagher		Graves		Truchard		Optional Comments
		Yes	No	Yes	No	Yes	No	
								longer time to continue a " transition phase ." Natural gas "breaks the carbon budget."
7.	I will support installation of solar panels on county buildings to reduce the County's use of fossil fuels.	X		X		X		
8.	I will support converting the County's vehicle fleet to all-electric as soon as feasible.	X		X		X		
9.	I will support a disposable foodware ordinance that eliminates take-out plastic and styrofoam.	X		X		X		
10.	I will support a measure to ban the sale and use of gasoline-powered leaf blowers in Napa County.	X		X		X		

11. The skills and knowledge I bring to the issue of climate change include:		
Gallagher	Graves	Truchard
<p>I am not a climate change expert and must rely on the scientific research of others in my decision making. However, I am committed to studying and having ongoing conversations with those experts in our community and region. Over my years as a County Planning Commissioner, I have learned how to implement policy that seeks to protect the environment and our natural resources. I prioritize ag and open space by voting to protect the environment and natural resources. I do not believe agriculture and the environment must be at odds.</p> <p>Those in the agricultural industry depend upon a healthy, balanced ecosystem and should be natural defenders of environmental resources for all users (people, critters and crops).</p>	<p>I have been very concerned about the impact of climate change on our world for decades. In my business career at Saintsbury, I have taken concrete steps to reduce our GHG emissions. We installed an 85 kW PV system in 2007 and have self-generated over 2 million kW-hours of carbon-free electricity. We installed EV chargers, our co-op warehouse has a PV array-it is a long list. I am a member of the Climate Reality Network, having completed training in 2017. I am a passionate advocate for the wine sector to act on ambitious mitigation and adaptation strategies.</p>	<p>Having grown up in Miami, issues related to the environment and climate have always been important to me (I was the founder of my elementary school's environmental club in 5th grade many decades ago). Upon graduating from Harvard with a focus on health care policy and subsequently attending law school at Northwestern, I have focused on land use, zoning, and local government law for the last seventeen years. In my practice, I have worked on a variety of projects, ranging from stopping the Urban Development Boundary ("UDB") into the Florida Everglades to stopping Napa Oaks, a Walnut Creek developer from building on the agricultural green belt between the city and county of Napa.</p> <p>This collective, bicoastal experience and awareness has made me highly cognizant of the important climate issues affecting not only Napa but our nation and the world. As Supervisor, I will work hard to keep climate as a top priority for Napa County. We have a unique opportunity to show leadership on this front that can serve as a model for other counties statewide and nationwide.</p>

12.a. Top three climate priorities for county of Napa in 2022-23? Priority 1		
Gallagher	Graves	Truchard
Adopt a County Resolution Proclaiming a Climate Emergency	The County must take steps to eliminate use of fossil gas in new construction and retrofit the existing inventory of buildings, starting with its own facilities.	Addressing the complex fire issues after the devastating incidents in 2017 and 2020.

Action for priority 1		
Gallagher	Graves	Truchard
Work with County Staff, Supervisor Colleagues, and community stakeholders to craft a resolution. Study resolutions from other Napa county cities and neighboring counties to jump-start process (for example Sonoma County, City of American Canyon)	The new jail is the most important opportunity for eliminating fossil gas-even if that requires some re-design.(It never should have gotten this far in its current form.) All facilities need to be inventoried for opportunities to eliminate fossil gas in HVAC and water heating. Discretionary use permits must recognize the need to eliminate fossil gas as well.	As supervisor, I will continue to build on the work that has been done by Napa Firewise and the Board to bring innovation and technologies that help detect and suppress fires swiftly and efficiently. I will also push for home hardening and other wildfire defense mechanisms so that we are prepared in the event of another wildfire. As a county and as a community, the devastating impacts from the fires rippled through every sector of the economy and we cannot allow that to happen again.

12.b. Top three climate priorities for county of Napa in 2022-23? Priority 2		
Gallagher	Graves	Truchard
Work to create a Regional Climate Protection Authority (RCPA) to coordinate our climate response countywide.	Begin ambitious buildout of the EV charging network in Napa County.	Protecting all our water resources.

Action for priority 2		
Gallagher	Graves	Truchard
Work with County staff, Supervisors, City Councils, City Managers and community to create a RCPA (following the example of Sonoma County). This would allow us to take a countywide approach to the climate emergency. The Climate Action Committee has been a good start, but this needs to be formalized and a funding mechanism(s) must be created.	The new jail has provision for *6* EV charging stations-that is woefully inadequate. New discretionary permits and modifications to existing permits must incorporate charging stations. (MCE will currently grant \$3500 per station, so there is no excuse for the status quo.) Its own vehicle fleet should transition to 100% EV starting now by replacing retiring IC vehicles with EV's.	I am looking forward to building a comprehensive approach to Integrative Water Management. We have an incredible opportunity to dramatically increase the reuse of wastewater throughout Napa County, and as supervisor I plan to work with the agricultural community to incentivize use of wastewater systems. I also plan to do a deep dive into stormwater capture, so that as the county is designed (or redesigned in the future), our roads, parks, and other surfaces can absorb as much water as possible in order for it can seep into the aquifers. This process not

Action for priority 2		
Gallagher	Graves	Truchard
		only reduces flooding but makes the water available for reuse.

12.c. Top three climate priorities for county of Napa in 2022-23? Priority 3		
Gallagher	Graves	Truchard
Develop a Climate Emergency Mobilization/Implementation Strategy (may or may not include the adoption and implementation of the Climate Action Plan, is that sufficient? For the short term?)	The County can use its purchasing decisions to help create markets for low- or no-carbon alternatives to conventional products.	Reducing carbon emissions by increasing solar and electric vehicles

Action for priority 3		
Gallagher	Graves	Truchard
I am interested in better understanding and implementing policies that have served other jurisdictions. Members of NCN are probably well-versed in the California Tahoe Conservancy to restore and enhance the Lake Tahoe Basin. Could we not do the same for the Napa River? Additionally, the Tahoe Regional Planning Agency's environmental plan to protect Lake Tahoe includes land coverage policies, which could be adapted for Napa County. This would be a way to assess each site for how much land coverage is allowed (determined by soil type etc). These are plans some experts have recommended to me and my goal would be to take the best from other jurisdictions that are applicable to Napa County, and implement them here. My goal is to not recreate the wheel, but take the best available science, craft a plan using guidance from best practices in other areas, and implement these plans. I see this whole process as dynamic. We must take action, then continue to tweak, adapt, etc as the science evolves. We cannot "wait" to act.	The County should give preference to vendors (where possible within existing purchasing rules) who avoid emissions and take steps to reform those rules. The County can also help create a market for innovative building technologies by giving preference to innovations like low-carbon concrete and engineered wood construction methods .	I have been studying successful stories throughout the country on how to reduce carbon emissions and will be implementing programs such as electric ride-share, increased charging stations, and a comprehensive marketing/ education program to inform the community, particularly the Hispanic community, about the importance of utilizing solar energy and electric vehicles. In addition, we are closely monitoring the development of the first electric tractor that we hope to bring to Napa on a larger scale once perfected.

13.a. As a supervisor, action I am willing to take to reduce risks associated with climate change on our most vulnerable communities		
Gallagher	Graves	Truchard
We must consider all policies through the lens of equity and public health. Our Public Health department should be working in tandem with our Planning Department (e.g. embed a public health staff member in the planning	Renters often live in buildings that use fossil gas for HVAC and water heating and are often energy-wasting. High energy costs make housing even more expensive in already expensive market. The County needs to work the cities to	Having assisted in evacuations during the Napa wildfires, I witnessed firsthand how climate change can affect vulnerable populations, including children, the elderly, and low-income communities. Climate change typically hits the

13.a. As a supervisor, action I am willing to take to reduce risks associated with climate change on our most vulnerable communities		
Gallagher	Graves	Truchard
department as is done in other jurisdictions). We should develop an Environmental Justice Element for our General Plan, that is part of an overall Health in All Policies GP framework.	eliminate inertia so that all landlords understand and have the means to make their buildings 100% electric, more energy efficient (eg. window retrofits) and able to keep renters safe during extreme heat events.	vulnerable populations first and hardest, and as supervisor, I will work to ensure these populations do not get left behind due to lack of resources or lack of communication. I am looking forward to working with public health organizations to develop programs that address issues such as extreme heat, food insecurity, and what to do in a climate emergency such as a wildfire.

As13.b. As a supervisor, action I am willing to take to reduce the climate emissions of buildings in the county/region		
Gallagher	Graves	Truchard
Reduce the climate emissions of buildings in the county/region. (±100 words) This necessitates working closely with our cities, where the majority of buildings and new construction exists. It is important to address the climate emergency as an entire county, that is why I suggest the creation of a Regional Climate Protection Authority. Although commercial construction does not need to be zero-net until 2030 (State of CA), we could devise an incentive plan to those who construct zero-net energy buildings prior to 2030. The County (and cities) could show leadership by assuring zero-net energy for government buildings.	As for commercial and industrial buildings, they are an under-utilized area for both energy conservation and for generation. Warehouse roof space amounts to millions of square feet, most of it without PV arrays-yet these same buildings are often conditioned space. The County can work with American Canyon and the City of Napa to remedy this gap. (12 b) and 13 a) above are responsive to this question as well.)	As supervisor, I will develop policies that incentivize developers to build under the four critical trends driving zero carbon buildings: decarbonization, electrification, efficiency, and digitalization ("DEED"). Steps such as specifying low-carbon concrete mixes, limiting carbon-intensive materials, choosing lower carbon alternatives, using high-recycled content materials, and others are just some of the tools available in our toolbox. In studying successful green buildings/projects throughout the nation, I hope to implement the best practices in future county development.

13.c. As a supervisor, action I am willing to take to enhance carbon sequestration in the county/region		
Gallagher	Graves	Truchard
Enhance carbon sequestration in the county/region. (±100 words) Using the best available science we must work closely with our agricultural industry to prioritize carbon sequestration when contemplating any new development on our unincorporated lands. This likely will necessitate both new requirements and incentives. Working with our cities, we must promote "healthy buildings" and carbon sequestering landscaping in all new and re-development.	The ag sector represents the most important opportunity for sequestration of carbon (in soils). The County needs to embrace the "Carbon Farming" initiative of the Napa County RCD-and support it financially.	I believe we can work with our agricultural community to improve our agricultural practices in Napa. Educating our farmers with the latest research and technology and implementing those practices can make a significant contribution to the removal of carbon dioxide from the atmosphere at a relatively low cost. Improving crop and grazing land management, more efficient fertilizer use to prevent the leaching of unused nitrates, and better tillage practices, for example, are some of the activities. My approach will be comprehensive and multifaceted to carbon sequestration, and I will work with organizations such as Napa Green,

13.c. As a supervisor, action I am willing to take to enhance carbon sequestration in the county/region		
Gallagher	Graves	Truchard
		Grapegrowers, Vintners, and others to bring it to fruition.

14. Public education activities county can take to advance climate action priorities		
Gallagher	Graves	Truchard
<p>A variety of educational opportunities could be created such as:</p> <ul style="list-style-type: none"> workshops, seminars educating residents on how they can contribute to reducing emissions and combating climate change (incentive for attendance); also explain how the County can take steps to combat climate change in the unincorporated areas, so residents understand everyone's roles and responsibilities Create educational campaigns that focus on measures residents can take that reduce their energy consumption and cost. (Solar, electric vehicles, etc social media, radio, newspaper) Key to any educational campaign, is an Immigrant Engagement and Language Access Plan so that people who are traditionally not civically engaged feel welcomed into the process and empowered to participate. 	<p>I believe the community has come to understand that climate disruption is a real threat to our well-being. We need to make sure everyone understands what they can do to reduce their climate impact. One example; there are many opportunities for homeowners to eliminate fossil gas use when HVAC and water heaters are replaced. The County should work with MCE to ensure that when the time for replacement comes that homeowners know how to make their homes 100% powered by electricity, preferably 100% renewable. Transportation and buildings are the major sources of GHG emissions in the County, so decarbonizing transportation is important as well. That could take the form of more EV charging (see above) , encouraging walking and bicycles to replace vehicle trips, and as well as by vetting and participating in real verifiable carbon offset schemes, if emissions are difficult or impossible to avoid. Another County response is to work with other stakeholders (property owners, public entities and NGO's) to reduce the threat that catastrophic wildfire, worsened by climate change, represents to both property and our entire watershed.</p>	<p>I think we have a unique opportunity to run bilingual campaigns via radio and social media to excite the community about taking action on climate. When I interact with many of our agricultural workers, they have little awareness of climate change issues.</p> <p>We can also enhance the education of our youth through our school system by having environmental awareness action items on a monthly basis. There are lots of exciting options in the public education activity sphere!</p>

15. Additional comments		
Gallagher	Graves	Truchard
<p>I would seek guidance from experts, such as members of NCN, as to the proper order of actions and assure we are using the most current available science to drive policy making.</p>	<p>Actions to safeguard our climate need to be a central consideration in everything the County undertakes. Period.</p>	<p>Having lived in multiple cities/states, I have always admired how California has been the leader in driving change on the climate front. When elected supervisor, it would be my honor to work alongside Napa Climate NOW! in order to bring thoughtful local solutions to our climate crisis. Know that I will work hard to protect our environment today and always.</p>

District 3

- Anna Chouteau (AC-1)
- Anne Cottrell (AC-2)
- John Dunbar (JD)
- Cio Perez (CP)

Item	Inquiry	Chouteau		Cottrell		Dunbar		Pere		Optional Comments
		Yes	No	Yes	No	Yes	No	Yes	No	
1.	I consider climate change to be an emergency in need of attention at the local/regional level.	X		X		X		X		JD: I am writing such a declaration for Yountville’s Council
2.	Given the relatively slow pace of climate change action at the national/federal level, it is imperative for local and regional governments to take the lead on climate action.	X		X		X		X		JD: Local action should occur regardless of the pace at the national level
3.	Our current county government is taking sufficient action to address the problem of climate change.		X		X		X		X	<p>AC-2: We need to continue to develop and adopt our countywide Climate Action Plan and work with cities on implementing it across jurisdictions ; but we can also take steps before the CAP is finalized.</p> <p>JD: However, recognize progress has been made and continues</p> <p>CP: I feel the county has been dragging their feet, and continues to do so. There should already be a Climate Action Plan in place for Napa County.</p>
4.	Given the critical importance of climate change to all aspects of society, in 2022 the county must adopt a “do no more harm” approach to the review of development projects within its jurisdiction.	X		X			X	X		<p>AC-1: I support this in theory and don’t know what it means in specifics.</p> <p>JD: “Must” is a mandatory action without context or definition.</p>
5.	I will support adoption of an all-electric REACH code for new multi-family and single-family residences.	X		X			X	X		<p>AC-2:</p> <p>JD: Caution to evaluate grid capacity, side effects of additional code requirements</p>
6.	I will support a ban on new natural gas infrastructure.	X		X			X	X		AC-2: There is an opportunity to avoid

Item	Inquiry	Chouteau		Cottrell		Dunbar		Pere		Optional Comments
		Yes	No	Yes	No	Yes	No	Yes	No	
										<p>adding new gas hookups in the community; and also a need to ensure that residents have options particularly when so many are concerned about frequent power failures. The effort has to start with education.</p> <p>JD: Context and scope of a ban necessary (personal safety)</p>
7.	I will support installation of solar panels on county buildings to reduce the County's use of fossil fuels.	X		X		X		X		<p>JD: Expanding solar and other green energy is a universal goal</p> <p>CP:This should also include the consideration of solar panels above parking facilities.</p>
8.	I will support converting the County's vehicle fleet to all-electric as soon as feasible.	X		X		X		X		<p>AC-2: And related, we need to build out charging infrastructure</p> <p>JD: Some vehicles may not be viable yet (public works, emergency services)</p>
9.	I will support a disposable foodware ordinance that eliminates take-out plastic and styrofoam.	X		X		X		X		<p>AC-2: With any proposed ban, it's important to look at who is being impacted (and here small businesses will be) and plan for a transition that eases the burden on them.</p> <p>JD: Terms, financial and operational impacts need evaluation</p>
10.	I will support a measure to ban the sale and use of gasoline-powered leaf blowers in Napa County.	X		X		X		X		<p>AC-2: Same comment as for #9</p> <p>JD: Already leading the County on this issue</p> <p>CP: Over time, this should be expanded to other landscaping tools.</p>

11. The skills and knowledge I bring to the issue of climate change include:			
Chouteau	Cottrell	Dunbar	Perez
<p>Climate Change issues are deeply personal for me. I grew up in Sonoma County, surrounded by the beauty of vineyards, natural landscape, on the Russian River. Hiking and backpacking with my family are some of my fondest memories, and I have always been interested in the environment and cared deeply about it. I've worked for environmental nonprofits and wrote my master's thesis on environmental sustainability in business practices.</p> <p>My first job out of college was working with the Ocean Futures Society to promote initiatives related to marine conservation, education, and awareness.</p> <p>I've been a steadfast champion for the environment, and on the Board of Supervisors I plan to play a key role in developing viable solutions to mitigate harm while also preparing for inevitable impacts. We're going from everyone starting to understand what a crisis this is to, all of a sudden, hearing it's too late. I want to make sure we actually do the things we need to do</p> <p>Recognizing that climate change requires a coordinated, regional response, I led the creation of the Napa County Climate Action Committee in collaboration with Supervisor Wagenknecht and other elected officials willing to work on a regional approach to climate action.</p>	<p>For more than 30 years, I have been interested in our environment and the challenges we face in managing our resources for long-term sustainability. In college, I had a double major in Environmental Studies and English. I received an Environmental Certificate along with my law degree, and worked on the Ecology Law Quarterly journal. I've done internships at the Sierra Club and at the Natural Resources Defense Council. In my first job out of law school, at the Oregon Attorney General's office, I advised government agencies on natural resources issues. My subsequent legal work and my planning commission work have often touched on issues relating to climate change, and I work to stay informed as we continue to learn more about the problems we face and possible solutions.</p> <p>Growing up in Napa County, I remember climatic events - for example, the few times it snowed in St. Helena - actually at 128 feet elevation! - and then the drought of 1976, and a couple of big flood events in the late 1980's. I viewed those differently than I do our current weather events. Those felt like isolated acts - occurring once a decade or two - whereas I see current extreme weather and climate conditions as part of a planet-wide experience of climate change that is already here. The retreating glacier I saw a few years ago in Patagonia was a graphic illustration of the presence and pace of climate change. But probably the most impactful moments for me have been watching my sons view the world, and</p>	<p>During my elected leadership, Yountville has implemented numerous initiatives and operations that prioritize environmental sustainability and protection, including gas-powered leaf blower and pesticide bans, methane recapture and solar energy systems, electric vehicle charging stations at municipal facilities, a recycled water program that treats more than 90% of our wastewater, and a tree protection and replanting policy.</p> <p>After I was elected Mayor in 2010, I joined the U.S. Conference of Mayors and National League of Cities, to complement my longtime membership in the League of California Cities. Through these national and statewide local government advocacy organizations, I continue to build personal relationships with other elected officials and professional staff allowing me to be a part of influential discussions about legislation, resources and funding for myriad topics, including climate and environmental protection initiatives.</p> <p>In 2019-20, I was President of the Cal Cities Board of Directors, an organization that represents all 482 cities in California. I was a Board member from 2016-2021. I sit on numerous local and regional boards and commissions that address climate initiatives for Napa County, including the Climate Action Committee, Napa Valley Transportation Authority, Napa County Flood Control & Water Conservation District, MCE Board of Directors (alternate) and Yountville's Housing Element committee. These collaborative forums have exposed me to a variety</p>	<p>The skills and knowledge I bring to the issue of climate change include: I was born and raised in St. Helena, where I have farmed for decades. As a farmer, I have first-hand experience in agriculture and the issues facing farmers and ranchers here in Napa County. I am also a graduate of U.C. Davis, with Bachelor of Science degrees in both Viticulture and Enology. My background informs my concerns regarding climate change, wild fire resilience, and water quality and equity. With my many years of living here in the county, I am keenly aware of the changes in our climate and environment. I have been actively involved with county issues for over 35 years, serving and representing the Napa County Farm Bureau and the California Farm Bureau Federation for many of these years. (Much of this time was working along with Volker Eisele as my mentor.)</p>

11. The skills and knowledge I bring to the issue of climate change include:			
Chouteau	Cottrell	Dunbar	Perez
	seeing their anxiety and concern about the changing planet that they are inhabiting now.	of stakeholder perspectives and ideas on funding options and climate action solutions that have made me a more informed and open-minded local elected official.	

12.a. Top three climate priorities for county of Napa in 2022-23? Priority 1			
Chouteau	Cottrell	Dunbar	Perez
Expand and maintain our open spaces	Increasing electrification in the county.	GHG Emission Reductions Related to Transportation and Traffic Congestion	Water

Action for priority 1			
Chouteau	Cottrell	Dunbar	Perez
One of the most impactful products of climate change here in the Napa Valley is the increase in wildfire severity. To be better prepared, we need to embrace the Napa Fire Safe Council Foundation’s recommendations. Access to clean drinking water is also an important climate resiliency goal that we need to accomplish by advocating and educating on conservation practices and building our capacity to use recycled water.	<p>Since buildings are the largest source of GHG emissions in the county (around 30%), I would advocate for a move away from natural gas in new construction in favor of electric alternatives. The first step is raising awareness of the issue - helping residents understand that the electric options are functionally equivalent (or better) and can rely on cleaner energy sources.</p> <p>I would also work to increase adoption of electric vehicles, by supporting new charging infrastructure and also supporting the county's transition to an electric fleet. At the Planning Commission level, we have consistently pushed for charging stations with new projects, and I would continue that effort at a policy and planning level.</p>	Transportation is the nation’s largest single source of GHG emissions. I support the expansion of municipal electric vehicle fleets and increasing the installation of high-speed charging stations across all sectors. We can invest federal “Infrastructure Investment and Jobs Act” funds (\$7.5B), combined with green energy grants, to accelerate upgrade our countywide EV charging network to more rapid chargers for transit, business and personal use. I’m supporting the investment by Napa Valley Transportation Authority, with federal, state and regional partners, of significant funds in a modern bus maintenance facility that will support the transition to an all-electric public transit fleet for Napa County.	Create stronger policies and regulations for the protection of the watersheds, and the prevention of deforestation. If the watersheds are not healthy, there will be a direct effect on the quantity and quality of our underground and surface water resources. Protecting the watersheds will also help with climate change and the sequestration of carbon. The Groundwater Sustainability Plan (GSP) needs to be revisited and include an environmental component, include installation of more measuring devices for better data collection and expanded to include the whole county, not just the Napa Valley sub-basin. There needs to be discussions to see if a single “water board” should be created to manage all the water resources within the county for fair and equitable distribution of the water resources, especially during emergency situations.

12.b. Top three climate priorities for county of Napa in 2022-23? Priority 2			
Chouteau	Cottrell	Dunbar	Perez
Invest in climate resiliency measures	Reducing transportation miles.	Implementation of SB 1383 Organic Waste Disposal Goals	Housing; Workforce and Low-income

Action for priority 2			
Chouteau	Cottrell	Dunbar	Perez
<p>One of the most impactful products of climate change here in the Napa Valley is the increase in wildfire severity. To be better prepared, we need to embrace the Napa Fire Safe Council Foundation’s recommendations. Access to clean drinking water is also an important climate resiliency goal that we need to accomplish by advocating and educating on conservation practices and building our capacity to use recycled water.</p>	<p>Transportation (autos and trucks) are the next biggest source of emissions in the county (around 27%). In addition to encouraging electric vehicles (above)! would work on finding ways to reduce transportation miles. We need workforce housing to help local workers live in our community, and more workforce housing will result in shorter drives to work for many. Also I would support efforts to increase the frequency and capacity of our bus service. This will take education and also funds to better match routes and schedules with needs of local employees. Finally I would work with local employers as they tackle the issues for their own businesses. As a Planning Commission we have seen a move to Transportation Demand Management (TDM) plans, which can be an opportunity for employers to come up with tailored solutions to reduce vehicle miles traveled. We need to learn from good examples and share them with others.</p>	<p>County, city and town officials need to coordinate with our waste disposal and recycling partners to educate and monitor commercial and residential waste disposal activities. This will reduce compostable materials and lower the related gas emissions in the landfill. A notable resident benefit is the avoidance of fines that may be levied for non-compliance to the newly enacted state law. Parallel actions can be to lower and ultimately eliminate non-compostable food ware and require large special events to comply with zero waste regulations.</p>	<p>Create and seek more funding for workforce and low-income housing. Current policies that allow a developer to contribute to a housing fund have not been successful in creating the needed housing. Instead, the County needs to develop policies that require new residential developments, and re-developments, to include an affordable housing element that is inclusionary, and mandates that affordable workforce and low-income housing be built within any new or redeveloped residential areas. To do this will help mitigate the increased impacts on existing housing, traffic congestion, and greenhouse gas emissions. If a developer is allowed to pay an in-leu housing fee, the fee should be sufficient to cover the cost of building a housing unit, including the purchase of a parcel to build on. The County needs to encourage all residential developments to increase densities, go up rather than out, and move away from single family housing units. The County, cities and town should seek to establish legal policies that will place the local workforce in an advantageous position for purchasing housing units ahead of purchasers for second or vacation homes.</p>

Action for priority 2			
Chouteau	Cottrell	Dunbar	Perez
			Policies preventing the purchases of homes by “Pacaso” companies should also be developed to protect the ability of the local workforce to live within the county. Having workforce and low-income housing available will go a long way in reducing the county traffic problems, and also reduce the impact of autos on climate change.

12.c. Top three climate priorities for county of Napa in 2022-23? Priority 3			
Chouteau	Cottrell	Dunbar	Perez
Champion green forms of transportation	Increasing compliance with SB1383	Increase Water Conservation, Supply and Storage Capabilities	Wildfires

Action for priority 3			
Chouteau	Cottrell	Dunbar	Perez
Supporting the Vine Trail, Safe Routes to School, and transitioning to electric and alternative fuel vehicles. Building the infrastructure necessary to move everyone who lives here and wants to visit us to the new green fuel economy.	<p>Solid waste is the next largest source of GHG emissions in the county (roughly 17%). While SB1383 is now law, which is a big milestone, we now need to encourage residents to do their part and reach a high level of compliance. We can accomplish this with ongoing education and show examples of different ways residents are meeting the goal of no organics in the waste stream. When I am out precinct walking, I have heard residents and business owners who are grappling with the new rule, so there is a need for ongoing education about why this is important; it is a change in our thinking about our garbage habits.</p> <p>(Other actions would include: encouraging solar, supporting biochar efforts in the county.)</p>	We should identify local solutions based on local conditions. An example is the work of the Groundwater Sustainability Plan Advisory Committee to inform our groundwater management. Strategies need to include all users, including residential and other development, to identify and mitigate potential issues. Stakeholder groups like the Groundwater Resources Advisory Committee that use science and data to drive long-term groundwater sustainability goals have shown that groups working together can find fair and effective solutions. The Town of Yountville recycles more than 90% of its wastewater and contracts with several nearby homeowners, wineries, and vineyard owners to supply treated water for their uses, preserving onsite groundwater supplies. This effort can be countywide.	The county needs to fund the multi-year plan of Napa Communities Firewise Foundation, and continue funding the program into the future. Part of this funding should be available to help pay for reducing fire loads for homeowners that may not have sufficient income to pay for it themselves. There need to be policies that allow for different methods of reducing the fuel loads, such as grazing, chipping and controlled burns. I would include funding quick response aircraft, such as helicopters and fixed wing, that are dedicated and remain within the county boundaries.

13.a. As a supervisor, action I am willing to take to reduce risks associated with climate change on our most vulnerable communities

Chouteau	Cottrell	Dunbar	Perez
<p>As mentioned earlier, to address increased fire risk, we need to have a comprehensive strategy that includes healthy forest management practices, fuel breaks, sensible land use planning, home hardening and defensible space, and fire preparedness education that reaches everyone, especially our most vulnerable populations. We also need to invest in recycled water infrastructure and conservation practices</p>	<p>Excessive hot temperatures, increased fire risk, high wind events (and subsequent power outages), winter flooding and freezing temperatures are all impacts that our county will face with climate change. Those most vulnerable - the unhoused or those at-risk of losing housing will be the hardest hit. So again, working on improving access to safe affordable housing will be a key way to help these communities.</p> <p>Also we need to recognize that climate emergencies will continue to happen. We have great staff at the Office of Emergency Services, and we need to build on their expertise so that we have plans in place for emergency response and long-term recovery planning. The Board also needs to work closely with our community-based-organizations (COAD, e.g.) so that we have a comprehensive vision for responding when disaster hits.</p>	<p>We need to look through an equity lens at all of our government institutions to ensure services, policies and programs are available to and appropriate for our diverse communities throughout Napa County. That effort should extend to residents and property owners in our more remote areas that face unique challenges related to wildfire risk, water supply, erosion control and drought conditions. Prioritizing support needs to include sensitivity to the cultural, social and economic status of these populations. Solutions that work on the valley floor may not be appropriate in our hillside areas. We should listen to and learn from our residents to incorporate their perspectives in the process to determine courses of action and budget priorities.</p>	<p>The vulnerable communities tend to be more susceptible to more extreme temperatures, more severe weather, floods and other events associated with climate change. As supervisor I will look to improve our warning and communication systems for any major weather event. If there is a major event I will make sure that there are facilities available throughout the county and in our cities and town for individuals, families and the elderly to go to for safety and comfort.</p>

13.b. As a supervisor, action I am willing to take to reduce climate emissions of buildings in the county/region			
Chouteau	Cottrell	Dunbar	Perez
I support investing in solar energy on county buildings and facilities that lower energy costs to the tax payer and reduce reliance on fossil-fuel producing energy from the grid.	I will support a move away from installing gas furnaces, water heaters, and stoves in new construction. We need to encourage electric options for replacement of appliances too. This starts with education to help residents learn the benefits of electrification (and understand the impact of changing out the appliance with a 20-year lifespan, for example). I will continue to advocate for solar and help raise awareness of the options available to make it feasible for a range of income levels.	Traditional buildings are a significant source of GHG emissions. Requiring new construction of commercial and residential development to include structurally efficient design and eco-friendly building materials will change that dynamic. Energy use can be lowered by integrating natural light and green power (e.g. solar, battery) instead of standard systems. I support the shift away from the use of building materials and products that cause off-gassing of volatile organic compounds. The use of low-carbon or slag concrete and natural or recycled building materials also will result in significant emission reduction.	As supervisor I will encourage the county to develop policies for residential and commercial construction to incorporate “green-building” requirements. These policies should encourage better building materials, energy sources and structural designs that will reduce carbon emissions.

13.c. As a supervisor, action I am willing to take to enhance carbon sequestration in the county/region			
Chouteau	Cottrell	Dunbar	Perez
I have been a strong supporter of the St. Helena Redwood Forest and believe that innovative projects such as that one should be expanded countywide to plant more trees and sequester more carbon. I also support more county wide programs to increase education and good stewardship of our oaks and other carbon sequestration practices on our land.	<p>We know that chipping and mulching are ways to keep carbon in the soil, and also when burning does happen, there are ways to reduce the amount of carbon released and maximize the amount of biochar. NapaGreen has great information on these practices, and the county can partner with NapaGreen (on this and other issues) to help to elevate this message and encourage more residents to update their practices.</p> <p>I would support the development of larger-scale biochar projects in the county; right now one of the challenges can be developing a dependable fuel stream, so the county could work with residents and businesses that produce a wood waste stream (from construction or clearing, e.g.) to direct fuel to a biochar facility.</p>	We need to balance the need for wildfire risk reduction with the protection and preservation of our wildlands. For example, the Napa Resource Conservation District provides guidance to support healthy forests, natural habitat and wildlife while helping reduce risks of catastrophic wildfires. I support how our agriculture industry is embracing environmentally beneficial land management practices including erosion control, conservation soil tillage, the use of natural cover crops and soil enhancements like biochar that complement the biomass stored in myriad species of trees, plants and crops.	As supervisor I will introduce new and stronger policies to prevent deforestation, which is the quickest way to maintain our current levels of carbon sequestration. Along with the prevention of deforestation, we should develop policies that encourage planting of more native trees and shrubs in our watersheds, as well as in the tributaries of our creeks and river on the valley floor.

13.c. As a supervisor, action I am willing to take to enhance carbon sequestration in the county/region			
Chouteau	Cottrell	Dunbar	Perez
	Finally, the county can continue its work to support wildfire fuel reduction to prevent and minimize the risk of wildfire throughout the county to create and maintain "fire safe forests", so we don't lose more trees and carbon to devastating fire events.		

14. Public education activities county can take to advance climate action priorities			
Chouteau	Cottrell	Dunbar	Perez
I am a strong believer in public education efforts and have championed various programs to promote climate action and resiliency. For example, we worked hard to promote public education of water conservation efforts in St. Helena to respond to drought conditions. Climate action can't solely come from elected officials, we need everyone in the community to be a partner in our efforts to create a more sustainable Napa Valley	As part of a Climate Action Plan or as a predecessor to one (and / or in concert with the Climate Action Committee), the county can work on educating residents about steps they can take. Through newspaper articles (like the ones NCN is running) and links on the county website, we can talk about new, clean technologies. For example, as noted above in 13b, our residents need to learn about the electric alternatives to gas-fueled stoves, furnaces and water heaters, so they can choose these when making long-term investments in their homes and businesses. And on other issues like transportation, the county can work with other government and nonprofit groups like NVTA and Napa Bike Coalition, to provide information via newsletter or website about the options we have to reduce our vehicle miles traveled by car.	We should continue the countywide dialogue, develop policies and offer incentive programs to include all sectors of the community in the goals and initiatives that will result in successful climate action. Listening to and sharing accurate information with residents, stakeholder groups, our business community and partners at all levels of government in a collaborative effort will lead to effective, equitable solutions with universal benefit and broad community buy-in. It's also important to educate our community about the local, practical benefits of climate solutions. Examples include eliminating gas-powered leaf blowers has resulted in quieter neighborhoods and cleaner air; expanding our recycled water infrastructure protects our natural groundwater supply and responds to ongoing drought conditions; deploying smart irrigation technology for agricultural operations reduces water use; and installing solar energy systems provides clean energy for municipal, commercial and residential uses.	It would help to make seminars/classes available to the vineyard managers and their employees who operate in the county. These seminars should also be made available to others that are involved with green areas, such as landscaping companies. If there are some residences and commercial buildings that have incorporated "green-building" techniques, public tours could be given for local contractors, as well as individuals, so they become familiar with the new techniques and experience the final "product".

15. Additional comments			
Chouteau	Cottrell	Dunbar	Perez
<p>Climate change is one of the primary issues that motivated me to get involved in my community, run for City Council, and now run for Supervisor. No issue is more important to the long-term livability of the Napa Valley. I am excited to work with your organization in crafting better county level policies to address this crisis.</p>	<p>While climate change is a global problem, it can be addressed at many levels, including by local governments. As a county, the most significant thing we can do is work to decrease our direct local consumption of fossil fuels. Affordable, renewable alternatives exist for the majority of these uses. Education and policy within our control can help to significantly accelerate this transition.</p>	<p>The keys to Napa County’s success with climate initiatives that conserve natural resources and support waterways, watersheds, open space and wildlife are building effective partnerships and achieving successful outcomes.</p> <p>Municipalities have shown a commitment to environmental sustainability and protection through reductions of reliance and even bans on gas-powered equipment and vehicle fleets, prohibition of the use of pesticides, installation of solar energy systems, tree protection and replanting policies, environmentally sensitive and energy efficient building requirements, and irrigating with recycled municipal wastewater. Napa County can and should partner with these efforts already happening in the jurisdictions.</p> <p>The agriculture and wine industries have displayed an awareness and commitment to supporting this effort by implementing sustainable vineyard management and farming and wine production/operational practices that reduce water use and greenhouse gas emissions and increase carbon capture, proving that a healthy environment and climate and a healthy business sector and economy are not mutually exclusive.</p> <p>We need to move past an adversarial narrative and forge partnerships across sectors with people and leaders who are willing to be strategic, innovative, and seek collaboration rather than confrontation. Funding and resources dedicated to wildfire mitigation, for example, also have direct benefits for</p>	<p>In order for Napa County to have a successful and sustainable future for ourselves, our children, our grandchildren, and future generations, it needs to encompass a more equitable balance between environmental, social, agricultural, and economic policies and decisions. I am running for Napa County Supervisor, District 3, to ensure this happens at all levels of county government.</p>

15. Additional comments			
Chouteau	Cottrell	Dunbar	Perez
		<p>environmental sustainability (e.g. natural habitat protection, as well as water quality and erosion control). Also, we should emphasize with our state and federal partners the need for them to manage more effectively lands under their jurisdiction in and around Napa County. In addition to working with CalFire, we should engage Fire Safe Councils and private property owners to develop environmentally sensitive solutions that lower wildfire risk, build more resilient infrastructure and reduce damage to property and ecosystems.</p>	

Prepared by Lynne Baker