

SUSTAINABILITY CONSULTANT 2019 WORK PLAN						
Environmental Objective	Project	Activity	Lead	Support	Consultant Team % of time	Department level of effort
All objectives	County staffing plan	Explore structure and budget for full time sustainability staff	Consultant	Admin	5%	
Emissions Reduction	Solar power - on site	Install solar PV arrays on County facilities and adjacent land	Consultant	Admin, PW, DOT, Facilities, Purchasing	10%	
Emissions Reduction	Solar power - subscriptions	Secure a portion of the County's electrical demand through community solar subscriptions	Consultant	Admin, Purchasing	10%	
Emissions Reduction	Solar power - education and outreach	Support non-profits in Environmental Justice communities to apply for funding under Solar for All.	Consultant	Community Development	5%	
Emissions Reduction	Fleet efficiency	Implement multiple strategies to reduce the fuel consumption of the County vehicle fleet (e.g., install anti-idling tech, purchase low-emitting vehicles, etc.)	DOT	Consultant, Department fleet reps	5%	
Emissions Reduction	Fleet efficiency	Monitor the IEPA's VW Settlement Plan for government fleets	Consultant	DOT	1%	
Emissions Reduction	Facility energy audits	Conduct an energy audit of the County Jail Complex	Consultant	Sheriff's Office	5%	
Emissions Reduction	Building user audit	Pilot a building user energy audit of the County Admin Tower	Consultant	Admin	5%	
Emissions Reduction	Jail food scrap diversion	Continue to support implementation of the food scrap diversion system in the County Jail and document results.	Consultant	Sheriff's Office, SWALCO	2%	
Emissions Reduction	Waste audit	Conduct a waste audit of a representative sample of County facilities	Consultant	Admin, Facilities, SWALCO	5%	
Emissions Reduction	Food waste reduction - County ops	Expand Jail food scrap diversion program to County offices and cafeteria services	Consultant	Admin, Facilities, SWALCO	2%	
Emissions Reduction	Carbon Footprint	Revise the greenhouse gas emissions inventory with new data	Consultant	DOT, Purchasing	2%	
Emissions Reduction	Carbon Footprint	Establish goals and targets, e.g., emission reduction, solid waste reduction, recycling increase, etc.	Consultant	Admin, all departments, E&E Committee	5%	
Stormwater Management	Land Acquisition	Apply for grants and other funding sources to increase SWC's capacity to acquire land	Stormwater Commission, Admin	Consultant	2%	
Stormwater Management	Interagency Colaboration	Establish agreement with Cook Co/MWRD to support future Lake County FEMA applications	Consultant	Stormwater Commission, Admin	2%	
Stormwater Management	Interagency Colaboration	Collaborate with other units of government to raise awareness of upstream developments and legislative actions	Stormwater Commission, Admin	Consultant	2%	
Resilience & Adaptation	Interagency Colaboration	Building off of the Joint Solar RFP, initiate other collaborative efforts with municipalities. Consider: - Joint EV fleet procurement - Hosting a GreenTown conference in 2020	Consultant	Admin, DOT, Planning, Stormwater Commission	2%	
Resilience & Adaptation	Climate Hazard Assessment	Proactively address future constraints on financial and personnel resources due to climate change impacts	Consultant	Admin, all departments, E&E Committee	5%	
TOTAL TIME COMMITTED					75%	

ENERGY & ENVIRONMENT 2019-2020 PRIORITIES					
Environmental Objective	Project	Activity	Lead	Support	Priority Rank
All objectives	County staffing plan	Explore structure and budget for full time sustainability staff	Consultant	Admin, HR, E&E Committee, F&A Committee	
Emissions Reduction	100% Renewable	Examine cost and timeline to obtain 100% of County's energy demand from renewable sources by 2025.	Consultant	Admin, Purchasing	
Emissions Reduction	Net Zero Buildings	Develop plan to achieve net zero energy by 2040	Consultant	Admin, all departments	
Emissions Reduction	Zero Waste campaign - County Ops	Using results of the waste audit, address contract terms and user behavior to reduce the solid waste stream	Consultant	Admin, Facilities, SWALCO	
Emissions Reduction	Zero Waste campaign - County-wide	Partner with SWALCO to promote waste reduction strategies. Consider bans or taxes on single-use plastics (incl. bags)	Consultant	SWALCO, Admin, Planning	
Emissions Reduction	PACE financing	Develop plan to enable PACE financing by 2020	Consultant	Admin, E&E Committee, F&A Committee	
Air Quality	Leaf Burning Ban	Explore code options for prohibiting the burning of leaves on private property.	Consultant	Health, Planning, Admin, E&E Committee	
Habitat Protection	Reduce light pollution	Explore code implications for Countywide requirements for dark sky compliant lighting	Consultant	Admin, Planning	