

Sustainability Plan Progress Report - Second Quarter 2017

Strategy	Timeline	Lead	Status (Not started, In progress, Completed, Ongoing)				Notes/Data
			Q1	Q2	Q3	Q4	
AQ-1: INCREASE INSPECTIONS OF EMISSIONS FROM OIL AND GAS SITES	Immediate	Natural Resources	Started	In progress			1) Pilot project underway with Ajax Analytics to monitor soil and water methane from abandoned well sites. 2) Met with CU to discuss opportunities to build off work of Boulder County Public Health in monitoring VOCs/ambient air quality associated with oil and gas development.
AQ-2: EXPAND AIR QUALITY INFORMATION AND MONITORING	Near-term	Environmental Services	Started	In progress			Installed real-time air quality widget on Sustainability webpage
AQ-3: DEVELOP AN OZONE REDUCTION INCENTIVE AND ENFORCEMENT PROGRAM	Near-term	Environmental Services	Not started	Not started			
BI-1: EXPAND INDOOR AIR QUALITY TESTING PROGRAM	Immediate	Environmental Services	Not started	Started			Researching CO2 monitors
BI-2: PRESERVE, IMPROVE, AND REHABILITATE EXISTING AFFORDABLE HOMES	Near-term	Community Sevices	Ongoing	Ongoing			Housing Rehabilitation program is ongoing with 12 projects in process and 9 homes completed to date. In addition, 70 units of affordable rental housing were rehabilitated and 11 new rental homes created at The Suites.
BI-3: PRIORITIZE INFRASTRUCTURE IMPROVEMENTS TO ENSURE CONNECTIVITY BETWEEN UNDER-SERVED AREAS AND COMMUNITY AMENITIES	Near-term	Environmental Services	Started	In progress			Will work in collaboration with Envision strategies 2.4, 2.16, 3.2 to define criteria and process for infrastructure improvements
BI-4: REQUIRE LIFE CYCLE COST AND SUSTAINABILITY ANALYSES FOR ALL CITY OF LONGMONT PROJECTS AND PROGRAMS	Near-term	Environmental Services	Started	In progress			1) Finalizing the tool - met with Community Services to feedback on inclusion of equity and community engagement in tool, and with Resiliency Specialist to align the tool with the Resilient Design Performance Standards. 2) Met with engineering to identify CIP projects to run through the SES.
BI-5: REVISE AND UPDATE THE CITY OF LONGMONT DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS TO INCLUDE SUSTAINABILITY	Immediate	Engineering	Not started	Not started			
C-1: EXPAND EXISTING NEIGHBORHOOD PROGRAMS TO ENHANCE SUSTAINABILITY, RESILIENCY, AND QUALITY OF LIFE	Immediate	Community Sevices	Started	In progress			Put in 2018 budget request for 0.5 FTE for the Neighborhood Resource Specialist to help integrate sustainability into neighborhood work
C-2: INCORPORATE THE CITY OF LONGMONT'S COMMUNITY ENGAGEMENT MODEL INTO ALL CITY PLANS AND PROJECTS	Immediate	CMO	Started	In progress			1) The City Manager's Office is hiring an intern in the fall to focus on community involvement - updating the manual and training materials, establishing a process for disseminating information to all departments, etc. 2) Met with Directors at the beginning of the year and are offering requested training and consultation. Staff is developing a Community Involvement Project Summary Sheet to serve as a tool to encourage and support greater consistency and tracking of CI activities across departments.
C-3: COLLABORATE WITH ST. VRAIN VALLEY SCHOOL DISTRICT ON A PREPAREDNESS AND RESILIENCE SITE	Mid-term	LPC	Not started	Not started			
EV-1: WORK WITH LOCAL ECONOMIC DEVELOPMENT ORGANIZATIONS TO SUPPORT LOCAL BUSINESSES AND ATTRACT AND EXPAND GREEN INDUSTRY/CLEAN TECH JOBS	Immediate	Environmental Services	Started	In progress			Now attending monthly Advance Longmont Partners meetings to align sustainability and economic development work and identify opportunities for collaboration. Put in budget request for 0.5 FTE for Economic Sustainability Specialist to focus on working with the business community on sustainability initiatives - will cover all Economic Vitality strategies.
EV-2: CREATE A LONGMONT SUSTAINABLE BUSINESS RECOGNITION PROGRAM	Immediate	Environmental Services	Started	In progress			1) LEDP provided contact list to potential businesses; conducting focus group of businesses in August to discuss the structure and incentives of the program 2) Boulder County PACE and city staff provided a list of business nominations to LEDP for their annual Community Appreciation Awards
EV-3: REINSTATE THE POLLUTION PREVENTION PROGRAM	Near-term	Environmental Services	Not started	Not started			
EV-4: ESTABLISH AND PROMOTE A CITY OF LONGMONT INTERNAL SUSTAINABLE PURCHASING POLICY	Near-term	CMO - Purchasing	Started	In progress			Information gathering at this point. Have requested funds to join sustainable purchasing groups in 2018 for access to additional resources on policies. Diana attended Sustainable Purchasing Leadership Council's annual summit in May 2017. Gathered information and made resource contacts for development of COL's policy to be written in 2018.
EV-5: IDENTIFY NEEDS AND BARRIERS FOR UNDERUTILIZED, UNDER-REPRESENTED, AND/OR MULTI-CULTURAL BUSINESSES AND SUPPORT THROUGH EXPANDED PROGRAMMING	Near-term	Environmental Services	Not started	Not started			

EV-6: PARTNER WITH LOCAL EDUCATIONAL INSTITUTIONS TO CONNECT SUSTAINABILITY KNOWLEDGE AND WORKFORCE NEEDS	Near-term	Environmental Services	Not started	Not started			
E-1: REVIEW ENERGY EFFICIENCY IMPROVEMENT AND RENEWABLE ENERGY GENERATION OPPORTUNITIES FOR MUNICIPAL FACILITIES	Immediate	Environmental Services	Started	In progress			1) Nexant completed an assessment of the Twin Peaks Golf Course in June 2017 to identify opportunities for water and energy efficiency improvements and renewable energy options. Next steps will be to better understand the cost and impact of irrigation system upgrades, water-wise landscaping and stormwater management opportunities, and on-site renewable energy. 2) Moving forward with the Wastewater Treatment Plant/Sanitation Renewable CNG Project. Environmental Services staff submitted an ALT Fuels Colorado Vehicle Grant to purchase CNG sanitation trucks in 2018.
E-2: CONTINUE TO PROVIDE ENERGY EFFICIENCY OUTREACH AND INCENTIVES FOR ALL ENERGY USERS	Immediate	LPC	Ongoing	Ongoing			LPC Staff continues to provide outreach and education in Longmont for energy efficiency upgrades and assessments for all energy users. This is done through events, website information and direct contact between staff and electric customers.
E-3: CONTINUE TO PROVIDE AND INCREASE PARTICIPATION IN A CONTRACTOR ENERGY EFFICIENCY TRAINING PROGRAM IN PARTNERSHIP WITH PLATTE RIVER POWER AUTHORITY	Immediate	LPC	Ongoing	Ongoing			Local contractor training was held on July 18 with a focus on how to sell energy efficiency related projects to commercial customers.
E-4: EXPLORE COLLABORATION WITH THE COLORADO ENERGY OFFICE TO EXPAND ENERGY SERVICES FOR LOW-INCOME HOUSEHOLDS	Immediate	LPC	Started	In progress			LPC is working on a pilot program with PRPA and Energy Outreach Colorado to work through existing agencies to add rebate funding for a pilot with approximately ten homes in Longmont. The funds as administered by EOC will help fund weatherization and energy efficiency improvements and lower utility costs.
E-5: PREPARE A LOCAL GREENHOUSE GAS EMISSIONS BASELINE INVENTORY AND FORECAST	Immediate	Environmental Services	Started	In progress			Selected consulting firm; held kick-off meeting 7/21
E-6: EXPAND AWARENESS AND PARTNERSHIP OPPORTUNITIES FOR SOLAR INSTALLATIONS AND RENEWABLE SUBSCRIPTIONS	Near-term	LPC	Not started	Ongoing			1) LPC is working with COSEIA SolSmart to transition Longmont's existing Solar Friendly Community designation to the new SolSmart certification. 2) LPC staff is coordinating with PRPA and the other PRPA communities to install a 5 MW community solar garden. 3) The June Board of Environmental Affairs meeting focused on barriers and opportunities for energy efficiency and renewable energy.
FS-1: ENCOURAGE AND SUPPORT AGRICULTURAL RESEARCH IN BOULDER COUNTY	Immediate	Natural Resources	Not started	Not started			
FS-2: IDENTIFY BARRIERS AND OPPORTUNITIES FOR LOCAL FOOD PRODUCTION	Near-term	Environmental Services	Not started	Not started			
FS-3: ENCOURAGE AND SUPPORT THE BOULDER COUNTY RESOURCE CONSERVATION BOARD IN PURSUING CARBON SEQUESTRATION STUDIES	Immediate	Environmental Services	Started	In progress			Boulder County is currently working with CSU on a feasibility analysis to understand the best and more palatable approaches to carbon sequestration in Boulder County. Once completed, they will be sending out the report and hosting multiple presentations of this information to all interested parties. The second phase will be to determine a plan for implementation of the recommendations.
FS-4: EXPAND CONNECTIONS BETWEEN LOCAL FOOD PRODUCERS AND AREAS/ POPULATIONS IN NEED	Near-term	Environmental Services, Community Sevices	Started	In progress			Met with Community Services in Q1 to discuss implementation - they will convene a meeting focused on food and sustainability with LiveWell Longmont, Growing Gardens, local producers, Our Center, Youth Services, and others to discuss opportunities for collaboration, needs, and next steps.
FS-5: SUPPORT AND EXPAND GARDEN TO CAFETERIA PROGRAM OPPORTUNITIES	Near-term	Environmental Services, Community Sevices	Not started	Not started			
FS-6: SUPPORT THE ESTABLISHMENT OF COMMUNITY FOOD PROCESSING AND STORAGE FACILITIES IN PARTNERSHIP WITH BOULDER COUNTY	Mid-term	Environmental Services, Community Sevices	Not started	Not started			
NE-1: WORK WITH COMMUNITY PARTNERS TO PROMOTE EDUCATION AND AWARENESS ABOUT WATER-WISE LANDSCAPING AND INTEGRATED PEST MANAGEMENT PRACTICES ON PRIVATE PROPERTIES	Immediate	Environmental Services, Parks and Open Space	Started	In progress			Put in 2018 budget request for 0.5 FTE Volunteer Coordinator to help support this effort
NE-2: UPDATE THE TREE CANOPY MANAGEMENT AND REPLACEMENT PLAN	Immediate	Forestry	Not started	Not started			
NE-3: CONTINUE AND INCREASE PARTICIPATION IN EXISTING VOLUNTEER PROGRAMS	Immediate	Open Space	Ongoing	Ongoing			Combine with NE-1 to support Volunteer Coordinator split between Environmental Services, Parks and Open Space, and Water Resources.
NE-4: UPDATE THE OPEN SPACE MASTER PLAN	Immediate	Open Space	Started	In progress			Drafting RFP
NE-5: UPDATE THE WILDLIFE MANAGEMENT PLAN	Near-term	Open Space	Not started	Not started			
NE-6: CREATE AND IMPLEMENT A PLAN TO RESTORE AND REMEDIATE DAMAGED ECOLOGICALLY SENSITIVE AREAS AND CRITICAL CORRIDORS AND HABITAT AREAS	Mid-term	Open Space	Ongoing	Ongoing			Ongoing efforts to treat and remove noxious weeds; ongoing plant propagation program - restoration efforts to seed these areas and incorporate a greater percentage of forbs (herbaceous flowering plant) into these mixes for the purpose on enhancing pollinator habitats.

T-1: CONTINUE THE RIDE FREE TRANSIT PROGRAM	Immediate	Planning and Development Services	Ongoing	Ongoing			Budgeting same amount for 2018
T-2: COORDINATE WITH RTD TO EXPAND SERVICE AND HOURS TO KEY COMMUNITY LOCATIONS	Near-term	Planning and Development Services	Started	In progress			Received 5-year FTA (administered through RTD) grant to expand service hours on route 324; Bolt increased service in May; SH-119 bike/ped underpass completed creating a safe crossing for FRCC students, workers and hotel users; PDS hosted annual meeting with RTD to discuss transit service.
T-3: DEVELOP A FLEET EFFICIENCY AND ALTERNATIVE FUELS PLAN	Near-term	CMO - Fleet	Not started	Started			Met with Fleet Manager to discuss 2018 plans for replacement vehicles and plan moving forward for fleet efficiency and alternative fuel vehicles. Environmental Services staff submitted an ALT Fuels Colorado Vehicle Grant Application (see E-1) to purchase CNG sanitation trucks
T-4: COORDINATE WITH REGIONAL PARTNERS ON PUBLICIZING CAR/VAN POOLING	Near-term	Planning and Development Services	Not started	Not started			
T-5: SUPPORT GROWTH IN ACTIVE TRANSPORTATION	Near-term	Environmental Services, Planning and Development Services	Started	Ongoing			1) Boulder County and Bicycle Colorado launched bike rack pilot program and are working in partnership with PDS - bike racks are free in exchange for the business owner paying for the cost of installation, and the business receives assistance from Partners for a Clean Environment (PACE) Advisors to ensure proper installation. Boulder County working with Phil Greenwald to combine with stock of inverted-U bike racks that Longmont has and would like to give away to local businesses. LDDA has been implementing a similar program for the last 2 years. 2) Enhanced Multi-Use Corridor Study underway - focused on increasing multi-modal transportation with potential pilot project in one corridor - set to be completed by the end of 2017. 3) Zagster has seen steady growth since starting service in late April. At the end of June, Zagster had approximately 400 bike trips registered to over 150 members.
T-6: AUDIT ALL TRANSIT STOPS TO EVALUATE ACCOMMODATION NEEDS OF ALL RESIDENTS AND PRIORITIZE IMPROVEMENTS	Mid-term	Environmental Services, Planning and Development Services	Not started	Not started			
WA-1: BUILD SUPPORT FOR PARTICIPATION IN THE CURBSIDE COMPOSTING PROGRAM	Immediate	Sanitation, Environmental Services	Started	Ongoing			To date, 3604 customers have subscribed to the composting program; in addition, 2112 have switched from large (96 gallon) to smaller trash container (48 gallon), and 1610 have switched to every other week (EOW) service
WA-2: DEVELOP A STRATEGIC WASTE MANAGEMENT PLAN WITH REGIONAL PARTNERS	Near-term	Sanitation, Environmental Services	Started	In progress			Boulder County Resource Conservation Board has formed a subcommittee to focus on construction and demolition waste - currently identifying and fleshing out options to present to Boulder County Commissioners; they also formed a subcommittee to evaluate options for establishing a compost processing facility in Boulder County
WA-3: INCREASE PUBLIC EDUCATION AND AWARENESS ABOUT WASTE REDUCTION AND DIVERSION OPPORTUNITIES	Near-term	Sanitation, Environmental Services	Not started	In progress			1) We are working on a process to determine waste consumption and diversion for city facilities. Charlie will develop a log sheet for sanitation staff to track how many dumpsters they're picking up, how full they are, and then extrapolate weight based on volume. Charlie will put together a spreadsheet detailing facilities and what bins they have currently, what's in the works, etc.; will pull compost data from Eco-Cycle. 2) Charlie working with custodians and some facility managers to analyze what we're doing currently, then setting up with whatever they need to recycle and compost; Charlie has completed upgraded bins at the Service Center and Fleet buildings, August meeting with Civic Center staff. Charlie has scheduled trainings for Service Center and Fleet building staff on how to properly use bins and answer questions. 3) The warehouse is now stocking a full line of eco-friendly, compostable products, for departmental functions or City events. An email went out to city staff notifying people of this opportunity and included information about the Sustainability Plan to educate staff of sustainability goals.
WA-4: PROVIDE WASTE DIVERSION OPPORTUNITIES AND EDUCATION FOR ST. VRAIN VALLEY SCHOOL DISTRICT	Near-term	Sanitation, Environmental Services	Started	In progress			Met with Eco-Cycle Green Star Schools program coordinator to discuss details and how we might support the expansion of this program to help meet the City's waste diversion/reduction goals. SVVSD currently has budget to bring on one new school per year. Put in budget request for 2018 to launch the Green Star program in one additional school.

WA-5: INCORPORATE DIVERSION TARGET FOR CITY CONSTRUCTION PROJECTS AND LONGMONT URBAN RENEWAL AUTHORITY (LURA) PROJECTS INTO STANDARD CONTRACT LANGUAGE	Near-term	CMO - Purchasing	Not started	Started			Will continue to meet with engineering to discuss incorporating more waste recovery, reuse and recycling into our CIP projects. We already reuse concrete and asphalt from street projects but we would like to explore how to expand that idea to more materials in construction projects (when it makes sense), establish a process of evaluating structures for reuse, and craft some applicable language for our standards and specifications.
WA-6: ADOPT A COMMERCIAL RECYCLING ORDINANCE THAT INCLUDES MULTI-FAMILY UNITS	Mid-term	Sanitation, Environmental Services	Not started	Not started			
WA-7: INCREASE HAZARDOUS/ E-WASTE/ MATERIALS DROP-OFF OPPORTUNITIES	Mid-term	Sanitation, Environmental Services	Started	In progress			1) Met with internal team to discuss hard to recycle materials and illegal dumping. Holly added two Recycling Directories to the Hard to Recycle webpage. One is for EcoCycle, which focuses on options here in Boulder County. The other is for the Environmental Protection Agency, which lists national retailers that offer electronic recycling and provides links to other national recycling databases. Holly created a draft illegal dumping webpage that is out for review. 2) Exploring partnerships with private entities to collectively address this issue.
WA-8: ESTABLISH A CONSTRUCTION DEMOLITION WASTE INCENTIVE PROGRAM	Mid-term	Planning and Development Services	Not started	Not started			
W-1: COMPLETE A WATER CONSERVATION MASTER PLAN UPDATE AND IMPLEMENT IDENTIFIED STRATEGIES	Immediate	Water Resources	Started	In progress			Public comment period closed 6/15 and staff sent public comments to consultant to review and draft final plan, which will be submitted to the Colorado Water Board for approval.
W-2: DEVELOP STRATEGIES ON LEAK DETECTION AND REPAIR TO INCLUDE IN UPCOMING WATER CONSERVATION MASTER PLAN	Immediate	Environmental Services	Started	In progress			Rather than including specific details for leak detection strategies in the Water Conservation Master Plan, a general statement for evaluating and implementing leak detection strategies was determined to be more representative of Longmont's current situation. The specific strategies can be identified once progress is made in installing electronic meters and understanding the existing system wide water loss through a standardized water audit and included in future water conservation Master Plan updates. Ultimately the goal is to have meters electronically relay incremental data through "gateways" to show real time data on a public facing real-time data portal. This will allow leaks at the service connection to be detected sooner. This does not help detect leaks on the mains within the distribution system. In the future, the plan is to look at performing a water audit per the AWWA standard. Meters are being replaced with those that can electronically relay data on the current meter change out schedule; this is approximately 9% of the meters each year. As of July 2017, there were 27,946 meters with 10,361 being electronic. Propagation studies are underway to ensure adequate receiver coverage and two test gateways are currently in use.
W-3: DEVELOP A STRATEGIC WATER QUALITY IMPROVEMENT AND ENFORCEMENT PLAN FOR CONSECUTIVE SYSTEMS	Mid-term	Environmental Services	Not started	Not started			
W-4: COORDINATE WITH BOULDER COUNTY PUBLIC HEALTH ON MODEL GREYWATER (WATER REUSE) ORDINANCE	Mid-term	Water Resources	Not started	Not started			

<p>W-5: INCREASE AND ENHANCE EXISTING WATER QUALITY MONITORING AND INFORMATION SHARING THROUGHOUT THE WATERSHED</p>	<p>Mid-term</p>	<p>Environmental Services</p>	<p>Started</p>	<p>In progress</p>			<p>The City of Longmont not only has multiple monitoring programs and data sharing efforts, but also supports efforts to expand these on a watershed level. Longmont has an internal watershed monitoring program and also participates in a collaborative effort with Northern Colorado Water Conservancy District's (NCWCD). The internal watershed program aims to gather data on the drinking sources, streams, and stormwater. The NCWCD program focuses on emerging contaminants on the drinking water sources.</p> <p>This year, 2017, the Keep It Clean Partnership (KICP) is shifting the focus from primarily stormwater to overall watershed. There will be a stormwater portion, but the overall emphasis will be watershed related. The replacement KICP coordinator job description has been revised and KICP is hoping to have it filled by the end of the year. Part of the shift to a watershed focus is coordinating more data sharing with stakeholders within our watershed.</p> <p>Longmont staff met with the Left Hand Watershed Oversight Group (LWOG) to discuss opportunities for shared monitoring. At this time more discussion is needed to determine the best place for collaboration with LWOG; with Longmont or KICP.</p>
<p>W-6: INCORPORATE WATERSHED PROTECTION PLAN INTO UPCOMING BUTTON ROCK FOREST STEWARDSHIP PLAN</p>	<p>Mid-term</p>	<p>Environmental Services</p>	<p>Not started</p>	<p>Not started</p>			

