

Sustainability Plan Progress Report - Fourth Quarter 2018

Strategy	Reporting Contact	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	Jason Elkins	Immediate	Engineering	In progress	In progress	In progress	In progress	<p>1) Completed Optical Gas Imaging certification course to perform leak detection inspections, which is a requirement to use the Regional Air Quality Council's FLIR camera.</p> <p>2) Awaiting funds to be appropriated to begin air quality monitoring program.</p> <p>3) Pilot with Alert Plus technology to establish a real-time air and soil vapor monitoring system. All sensors acquired, pilot program to begin end of January. Will begin to monitor the Extraction Rinn Valley production facility south of CR 20-1/2.</p> <p>4) P&A well site investigations with Terracon on-going throughout 2019. Eight locations completed, as well as the annual groundwater investigation. Additional locations to be completed as funding allows.</p> <p>5) Budget request additional funds to continue well site investigations APPROVED. Investigation scope includes but not limited to: groundwater monitoring, soil vapor monitoring, soil and water sample analysis, and necessary remediation of detected contaminants.</p> <p>6) Perform oversight for all plugging and abandoning operations of active wells located within City property. Powell and Serafini P&A'd, Evans and Longmont schedule for Q1.</p>
AQ-2: EXPAND AIR QUALITY INFORMATION AND MONITORING	Lisa Knoblauch, Kathryne Marko	Near-term	Environmental Services	In progress	In progress	In progress	In progress	1) On-call consultants do not have expertise for ambient air quality monitoring. Exploring other options for contracting monitoring alternatives.
AQ-3: DEVELOP AN OZONE REDUCTION INCENTIVE AND ENFORCEMENT PROGRAM	Lisa Knoblauch	Near-term	Environmental Services	Started	In progress	In progress	In progress	1) Started coordinating with Boulder County Public Health on 2019 Clean Air Challenge Longmont
AQ-4: ADOPT AND ENFORCE LEAK DETECTION AND REPAIR ASSOCIATED WITH OIL AND GAS OPERATIONS	Jason Elkins	Near-term	Engineering	Not started	Not started	Not started	Not started	<p>1) Awaiting for Knight and Olander wells to begin drilling. Expected to start Q3 2019.</p> <p>2) Will perform leak detection using FLIR camera once funds become available to purchase the camera. Expected to purchase camera Q1 2019.</p>
BI-1: EXPAND INDOOR AIR QUALITY TESTING PROGRAM	Lisa Knoblauch	Immediate	Environmental Services	In progress	In progress	In progress	In progress	1) Coordinating with Library on incorporating CO2 monitors in radon monitor check out program
BI-2: PRESERVE, IMPROVE, AND REHABILITATE EXISTING AFFORDABLE HOMES	Kathy Fedler, Tracy Defrancesco	Near-term	Community Services	In progress	In progress	In progress	In progress	<p>1) Public/Private Partnerships: Met with Energy Outreach Colorado (EOC) to partner in funding the rehabilitation of up to 10 homes in Longmont with added energy efficient improvements as a pilot. Estimated to leverage \$5000 in additional funding per home. First homes just forwarded to EOC in late 2018.</p> <p>2) Support/Enhance Programs to Preserve Affordable Housing: In 2018, 11 homes were fully rehabilitated totaling \$223,255 in city investment. The program requires all appliances and housing elements that are replaced by the program to be Energy Star rated. Many energy efficient items were upgraded/installed including low flow toilets, low E double paned windows, furnaces with at least 80% efficiency, insulated solid core exterior doors with weather-stripping, and energy star rated water heaters.</p> <p>3) Promote/Grow Housing Rehab Program: 11 homes provided rehab assistance in 2018 is a 120% increase in the number homes assisted in 2017 (5). Funding for the Rehab programs (in total) increased 97% from 2017 level of \$113,400 to 2018 level of \$223,255.</p> <p>4) Find Dedicated Funding sources for AH Fund: \$1M is transferred annually from the General Fund to the AH Fund. In addition, with the adoption of the Inclusionary Housing Program in late 2018, fees paid in lieu of providing the required affordable housing units will be dedicated to the AH Fund starting in 2019 and up to 1/2 of the marijuana sales tax is dedicated to the AH Fund.</p>

BI-3: DEVELOP AND IMPLEMENT A PROCESS TO INCORPORATE SOCIAL EQUITY INTO PRIORITIZING INFRASTRUCTURE IMPROVEMENTS	Wayne Tomac, Carmen Ramirez	Near-term	Environmental Services	In progress	In progress	In progress	In progress	1) Will work in collaboration with Envision strategies 2.4, 2.16, 3.2 to define criteria and process for infrastructure improvements 2) Community and Neighborhood Resources will work with Engineering Services on upcoming projects.
BI-4: REQUIRE LIFE CYCLE COST AND SUSTAINABILITY ANALYSES FOR ALL CITY OF LONGMONT PROJECTS AND PROGRAMS	Cal Youngberg	Near-term	Environmental Services	In progress	In progress	In progress	In progress	1) Utilized the Sustainability Evaluation System to inform the update of the Open Space Master Plan 2) 2018 CIP projects have been identified to run through the SES, still need confirmation by Engineering 3) SES review of 119 & Hover intersection alternatives completed 10/25 4) Staff discussed use of life cycle cost system - decision was to apply it to a few projects going through SES review in 2018 in order to get feedback about possible revisions 5) Began discussing how the SES might be adapted to be used with the development review process
BI-5: REVISE AND UPDATE THE CITY OF LONGMONT DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS TO INCLUDE SUSTAINABILITY	Lisa Knoblauch, Cal Youngberg	Near-term	Engineering	Not started	Started	In progress	In progress	1) Design Standards and Specifications update is underway.
BI-6: DEVELOP 'BEYOND' BUILDING CODE	Joni Marsh	Near-term	Planning and Development Services	N/A	N/A	Not started	Not started	1) Slated for review prior to 2021 ICC code updates; will begin conversations in 2019
BI-7: ADOPT AND ENFORCE UPDATED BUILDING CODE	Joni Marsh	Ongoing	Planning and Development Services	N/A	N/A	Started	Completed for 2018 code cycle; Effective 1/21/2019	1) Building and Fire Code (ICC 2018) adopted by City Council January 2019.
C-1: EXPAND EXISTING NEIGHBORHOOD PROGRAMS TO ENHANCE SUSTAINABILITY, RESILIENCY, AND QUALITY OF LIFE	Wayne Tomac	Immediate	Community Services	In progress	In progress	In progress	In progress	1) Secured Council approval of IGA and finalized contract with CU. Currently working on a revised start date, likely 1st quarter of 2019. 2) Began adapting the FLOWS model into a structure informed by community development models and the SNS program to be formulated specifically for Longmont's neighborhoods, rebranded SOLL Sustainable Opportunities, Lifestyles, and Leadership. 3) Explored additional Sustainable Neighborhood Solutions (SNS) program priority projects with potential partners to establish the appropriate resources and toolbox for neighborhoods, including EcoCycle and Supportive Action for Mental Health (SAM)
C-2: DEVELOP AN INCLUSIVE STANDARD OF EQUITABLE ACCESS AND OPPORTUNITY FOR ALL RESIDENTS THAT ENHANCES CAPACITY AND IS IMPLEMENTED UNIFORMLY ACROSS ALL CITY DEPARTMENTS, POLICIES, PROGRAMS, AND OUTCOMES	Carmen Ramirez	Immediate	Community Services	N/A	N/A	In progress	In progress	1) Developed draft language for a sustainability plan equity strategy establishing how to achieved adopted goals and who will be responsible 2) Will work with Sustainability Program Manager in 2019 to establish guidelines and outcomes.
C-3: COLLABORATE WITH ST. VRAIN VALLEY SCHOOL DISTRICT ON A PREPAREDNESS AND RESILIENCE SITE	Lisa Knoblauch	Mid-term	LPC	Started	In progress	In progress	In progress	1) Started conversations with SVVSD about possible opportunities at the new Innovation Center
C-4: INCORPORATE THE CITY OF LONGMONT'S COMMUNITY ENGAGEMENT MODEL INTO ALL CITY PLANS AND PROJECTS	Carmen Ramirez, Sandi Seader	Ongoing	CMO	In progress	In progress	In progress	Ongoing	1) CMO intern finalized the update to the Community Involvement manual-completed 2nd quarter. 2) Community Involvement team held open session on 1/9 to support staff in planning community involvement for upcoming projects.
EV-1: CREATE A LONGMONT SUSTAINABLE BUSINESS RECOGNITION PROGRAM	Berenice Garcia Tellez	Immediate	Environmental Services	In progress	In progress	In progress	In progress	1) Had presentations with LEDP, Longmont Chamber of Commerce, LDDA, LPC, PACE, and Boulder SBDC. We discussed the Sustainable Business program, and they agreed to promote and advertise business

EV-2: WORK WITH LOCAL ECONOMIC DEVELOPMENT ORGANIZATIONS TO SUPPORT LOCAL BUSINESSES AND ATTRACT AND EXPAND GREEN INDUSTRY/CLEAN TECH JOBS	Berenice Garcia Tellez	Near-term	Environmental Services	In progress	In progress	In progress	In progress	1) Hired Economic Sustainability Specialist to support implementation of Economic Vitality strategies
EV-3: REINSTATE THE POLLUTION PREVENTION PROGRAM	Berenice Garcia Tellez	Near-term	Environmental Services	Not started	Not started	Not started	Not started	
EV-4: ESTABLISH AND PROMOTE A CITY OF LONGMONT INTERNAL SUSTAINABLE PURCHASING POLICY	Diana Wilson	Near-term	CMO - Purchasing	In progress	In progress	In progress	In progress	1) Purchasing Manager has completed a draft sustainable purchasing policy, being reviewed by Environmental Services/Sustainability staff 2) Working on an implementation action plan for Directors and Staff. Roles and responsibilities in support of the policy.
EV-5: IDENTIFY NEEDS, BARRIERS AND OPPORTUNITIES TO ESTABLISH EQUITABLE ACCESS FOR UNDERUTILIZED, UNDER-REPRESENTED, AND/OR MULTI-CULTURAL BUSINESSES AND SUPPORT THROUGH EXPANDED PROGRAMMING	Berenice Garcia Tellez	Near-term	Environmental Services	Not started	Not started	Not started	Not started	
EV-6: PARTNER WITH LOCAL EDUCATIONAL INSTITUTIONS TO CONNECT SUSTAINABILITY KNOWLEDGE AND WORKFORCE NEEDS	Berenice Garcia Tellez	Near-term	Environmental Services	Not started	Not started	Not started	Not started	
E-1: REVIEW ENERGY EFFICIENCY IMPROVEMENT AND RENEWABLE ENERGY GENERATION OPPORTUNITIES FOR MUNICIPAL FACILITIES	Lisa Knoblauch, John Gage, Chuck Finleon	Immediate	Environmental Services	In progress	In progress	In progress	In progress	1) Developing mini master plans for golf courses to summarize potential opportunities and information and decisions about those opportunities. This will include the results of the Efficiency Works energy efficiency audit for Twin Peaks Golf Course that was performed mid 2017. 2) The WWTP and Waste Services division are working to complete a Renewable Natural Gas (RNG) project. The RNG project will turn biogas generated at the WWTP into a compressed natural gas fuel that will be used to power the Waste Services trucks. An RFP was issued in December 2017 and a contract was awarded for Design-Build services in April 2018. A Guaranteed Maximum Price was signed in November 2018 to construct the project. Construction has started and the substantial completion in the contract is December 1, 2019. The project includes a \$1,000,000 grant from DOLA and a \$385,000 grant from RAQC. 3) Environmental Services is in discussion with PRPA and LPC to look at possible energy efficiency incentives that could offset capital costs at the Wastewater Treatment Plant to replace existing aeration blowers with high efficiency turbo blowers. 4) Nexant initially conducted a technical energy assessment of the Service Center, including the warehouse, to identify possible energy efficiency and water conservation improvements. Nexant has since performed energy assessments for the Civic Center and Planning and Development Services buildings. Fluorescent lighting in some areas of these buildings has already been replaced with LED fixtures.
E-2: CONTINUE COLLABORATION WITH ENERGY OUTREACH COLORADO TO EXPAND ENERGY SERVICES FOR LOW-INCOME HOUSEHOLDS	Anne Lutz	Immediate	LPC	In progress	In progress	In progress	In progress	1) LPC is actively working with PRPA, Energy Outreach Colorado, Boulder County and city staff to explore additional synergies for expanding and funding projects.
E-3: IMPROVE COMMERCIAL BUILDING EFFICIENCY <i>(Revised from: Continue to provide and increase participation in a contractor energy efficiency training program in partnership with PRPA)</i>	Anne Lutz, Chuck Finleon, Robert Love	Near-term	LPC	Ongoing	Ongoing	Ongoing	Ongoing	1) There were five training sessions held in Longmont for 2018 that included Energy Efficiency 101, Big Picture - Why We Are Selling Efficiency, Efficiency Sales and Methodologies, Technical Sales and Components and Emerging Technologies.

E-4: DEVELOP A COMPREHENSIVE 100% RENEWABLE ELECTRICITY PLAN FOR LONGMONT'S JUST TRANSITION TO A CLEAN ENERGY ECONOMY	Francie Jaffe	Near-term	Environmental Services	N/A	N/A	Started	In progress	1) Conducted analysis of applications and participation in energy services in Longmont Power & Communications' service area to better understand if certain neighborhoods or household demographics are more or less likely to participate in energy services throughout the City. 2) Developed an Energy Behavioral Recommendations flyer and JTP website pages. 3) Presented on the JTP and other equity efforts as part of a presentation on Sustainability and Social Equity at the Longmont Museum. Met with the OUR Center, Center for Disabilities, the Innovation Center, a representative from the Senior Center and Cultivate, and Boulder County Energy Smart to discuss the JTP and partnership opportunities.
E-5: REPORT AND BENCHMARK ENERGY USE	Lisa Knoblauch	Near-term	Environmental Services	N/A	N/A	Not started	Not started	
E-6: MONITOR ADVANCED METERING INFRASTRUCTURE IMPLEMENTATION	Chuck Finleon	Mid-term	LPC	N/A	N/A	Started	Started	1) LPC staff is exploring options for possible pilot projects in the future.
E-7: CONTINUE TO PROVIDE ENERGY EFFICIENCY OUTREACH AND INCENTIVES FOR ALL ENERGY USERS	Chuck Finleon	Ongoing	LPC	Ongoing	Ongoing	Ongoing	Ongoing	1) 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-8: MONITOR AND REDUCE GREENHOUSE GAS EMISSIONS	Lisa Knoblauch	Ongoing	Environmental Services	N/A	N/A	Ongoing	Ongoing	1) GHG reduction strategies incorporated into Sustainability Plan 2) Proposed next inventory to be completed in 2020
E-9: EXPAND AWARENESS AND PARTNERSHIP OPPORTUNITIES FOR SOLAR INSTALLATIONS AND RENEWABLE SUBSCRIPTIONS	Chuck Finleon, Robert Love	Near-term	LPC	Ongoing	Ongoing	Ongoing	Ongoing	1) Longmont was awarded SolSmart Bronze designation. 2) PRPA and its four communities continue to explore options for expanding their solar portfolio in the future. 3) The City's website was updated to include additional information for people who may be considering solar. 4) A residential customer solar packet has been developed and will be sent out to all new solar customers.
FS-1: IDENTIFY BARRIERS AND OPPORTUNITIES FOR LOCAL FOOD PRODUCTION	Lisa Knoblauch	Near-term	Environmental Services	Not started	Not started	Not started	Not started	
FS-2: ENCOURAGE AND SUPPORT THE BOULDER COUNTY RESOURCE CONSERVATION BOARD IN PURSUING CARBON SEQUESTRATION STUDIES	Lisa Knoblauch	Near-term	Environmental Services	In progress	In progress	In progress	In progress	1) CSU completed their feasibility study researching applicable carbon sequestration strategies for Boulder County and presented findings to the public in March 2018. Phase 2 is to identify test sites and begin longer-term field research to understand opportunities and impacts of carbon sequestration strategies. 2) Ollin farms is participating in sequestration research. No opportunities for Longmont involvement at this time.
FS-3: EXPAND CONNECTIONS BETWEEN LOCAL FOOD PRODUCERS AND AREAS/ POPULATIONS IN NEED	Lisa Knoblauch	Near-term	Environmental Services, Community Services	In progress	In progress	In progress	In progress	1) Met with Community Services in 2017 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-4: SUPPORT AND EXPAND GARDEN TO CAFETERIA PROGRAM OPPORTUNITIES	Lisa Knoblauch	Mid-term	Environmental Services, Community Services	Not started	Not started	Not started	Not started	
FS-5: SUPPORT THE ESTABLISHMENT OF COMMUNITY FOOD PROCESSING AND STORAGE FACILITIES IN PARTNERSHIP WITH BOULDER COUNTY	Lisa Knoblauch	Mid-term	Environmental Services, Community Services	Not started	Not started	Not started	Not started	

FS-6: ENCOURAGE AND SUPPORT AGRICULTURAL RESEARCH IN BOULDER COUNTY	Lisa Knoblauch	Ongoing	Natural Resources	In progress	In progress	In progress	In progress	Following Boulder County's research proposals
NE-1: UPDATE THE OPEN SPACE MASTER PLAN	Dan Wolford	Immediate	Open Space	In progress	In progress	Completed	Completed	Adopted by Council on 7/10/18
NE-2: UPDATE THE WILDLIFE MANAGEMENT PLAN	Dan Wolford	Immediate	Open Space	Not started	Not started	In Progress	In Progress	1) Anticipated first public meeting end of February, Coordination with Planning and their consultant Clarion to provide early recommendation for Riparian Setback. PD Management policy already adopted to Development Code
NE-3: WORK WITH COMMUNITY PARTNERS TO PROMOTE EDUCATION AND AWARENESS ABOUT WATER-WISE LANDSCAPING AND INTEGRATED PEST MANAGEMENT PRACTICES ON PRIVATE PROPERTIES	Lisa Knoblauch	Near-term	Environmental Services	In progress	In progress	In progress	In progress	1) Natural Resources hired 0.5 FTE Volunteer Coordinator to help support this effort
NE-4: UPDATE THE TREE CANOPY MANAGEMENT AND REPLACEMENT PLAN	Ken Wicklund	Near-term	Forestry	In progress	In progress	In progress	In progress	1) 2008 Tree Canopy Study - 8% with potential of 47%. Goal is to increase Urban Canopy. Defined objectives moving forward: Forestry to increase tree planting efforts on public property - approx. 300 to 400 trees annually. Arbor Day Tree Sale - increase sale quantity to 225 trees and limit sale to residents only. Look for other avenues to increase local tree planting - Service Groups such as Rotary. Complete a new Tree Canopy Study by 2020 and re-evaluate every 10 years.
NE-5: CREATE AND IMPLEMENT A PLAN TO RESTORE AND REMEDIATE DAMAGED ECOLOGICALLY SENSITIVE AREAS AND CRITICAL CORRIDORS AND HABITAT AREAS	David Bell	Mid-term	Open Space	Ongoing	Ongoing	Ongoing	Ongoing	1) 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.
NE-6: CONTINUE AND INCREASE PARTICIPATION IN EXISTING VOLUNTEER PROGRAMS	David Bell	Ongoing	Open Space	Ongoing	Ongoing	Ongoing	Ongoing	1) Hired 0.5 FTE Volunteer Coordinator
T-1: COORDINATE WITH RTD TO EXPAND SERVICE AND HOURS TO KEY COMMUNITY LOCATIONS	Phil Greenwald	Near-term	Planning and Development Services	In progress	In progress	In progress	In progress	1) RTD continuing with SH-119 Bus Rapid Transit study RTD is developing high-frequency bus service (every 15 minutes) between Longmont and Boulder in designated lanes, along with higher frequency (every 15 minutes) local bus service to supplement the BRT service along Main Street and the Diagonal Highway.
T-2: DEVELOP A FLEET EFFICIENCY AND ALTERNATIVE FUELS PLAN	Lisa Knoblauch	Near-term	CMO - Fleet	In progress	In progress	In progress	In progress	1) Environmental Services staff was awarded an ALT Fuels Colorado Vehicle Grant (see E-1) to purchase CNG sanitation trucks 2) Current fleet inventory under review to identify opportunities for replacement vehicles, funding mechanisms, and regional/national collaborations
T-3: COORDINATE WITH REGIONAL PARTNERS ON PUBLICIZING CAR/VAN POOLING	Phil Greenwald	Near-term	Planning and Development Services	In progress	In progress	In progress	Ongoing	1) Working with partners at Smart Commute Metro North (North Metro Transportation Management Organization) to continue the discussion of how to publicize the carpool opportunities available to City of Longmont employees. Hope to get a CLU course organized in 2019 with possibility to expand to other businesses in the community. Will utilize our partners at Commuting Solutions (Northwest Metro Area Transportation Management Organization) to do the same.
T-4: INCREASE ELECTRIC VEHICLES THROUGH VEHICLE INCENTIVES AND IMPROVED INFRASTRUCTURE	Lisa Knoblauch	Near-term	Environmental Services	N/A	N/A	Not started	Not started	
T-5: AUDIT ALL TRANSIT STOPS TO EVALUATE ACCOMMODATION NEEDS OF ALL RESIDENTS AND PRIORITIZE IMPROVEMENTS	Ben Ortiz	Mid-term	Environmental Services, Planning and Development Services	In progress	In progress	In progress	In progress	1) Started evaluating the stops with amenities in the City. Developing a list of deficient sites that may allow new shelters or advertising benches. With recent changes to the Land Development Code, advertising benches in the ROW are now permitted. Contract amendments have been completed to add advertising benches to the existing service contract with LAMAR Advertising.

T-6: SUPPORT GROWTH IN ACTIVE TRANSPORTATION AND TRANSIT RIDERSHIP THROUGH IMPLEMENTATION OF THE MULTIMODAL TRANSPORTATION PLAN	Phil Greenwald	Near-term	Planning and Development Services	Ongoing	Ongoing	Ongoing	Ongoing	1) Enhanced Multi-use Corridor (EMUC) study accepted by City Council in Q1 2018. \$50K in 2019 budget, plus continuing roadway reconstruction projects, to implement EMUC vision/plans.
T-7: CONTINUE THE RIDE FREE TRANSIT PROGRAM	Phil Greenwald	Near-term	Planning and Development Services	In progress	In progress	In progress	In progress	1) The program is funded through 2019, but RTD has indicated, verbally, that they do not intend to continue the program after 2019.
WA-1: BUILD SUPPORT FOR PARTICIPATION IN THE CURBSIDE COMPOSTING PROGRAM	Charlie Kamenides	Immediate	Sanitation, Environmental Services	Ongoing	Ongoing	Ongoing	Ongoing	1) 4908 composting customers, 2408 Every Other Week (EOW) trash customers, a reduction of 997 customers from large to 48 gallon weekly and an increase of 603 customers to EOW
WA-2: PROVIDE WASTE DIVERSION OPPORTUNITIES AND EDUCATION FOR ST. VRAIN VALLEY SCHOOL DISTRICT	Charlie Kamenides, Lisa Knoblauch	Near-term	Sanitation, Environmental Services	In progress	In progress	In progress	In progress	1) Meeting quarterly with Eco-Cycle and SVVSD to discuss bringing on two new Green Star schools in 2018 2) Eco-Cycle launched at Altona Middle school and is preparing to launch at Northglenn Elementary in the first quarter 2019
WA-3: DEVELOP A STRATEGIC WASTE MANAGEMENT PLAN WITH REGIONAL PARTNERS	Charlie Kamenides	Near-term	Sanitation, Environmental Services	In progress	In progress	In progress	In progress	1) Site analysis underway lead by Boulder County staff. An RCAB sub committee was formed to evaluate two potential sites- Old Longmont landfill and the old Rainbow Nursery location. A consultant was hired by Boulder County Resource Conservation division to evaluate and rate each location for best uses. Consulting services began Mid October 2018.
WA-4: INCREASE PUBLIC EDUCATION AND AWARENESS ABOUT WASTE REDUCTION AND DIVERSION OPPORTUNITIES	Charlie Kamenides	Near-term	Sanitation, Environmental Services	In progress	In progress	In progress	In progress	1) Waste consumption data collected for each city facility; data analysis will occur in the first quarter. 2) Two waste diversion CLU classes were held for city staff, each fairly well attended. One result of the class may result in a new Wellness program that will revolve around recycling or waste reduction and will allow all city staff to participate. 3) Outreach and marketing efforts will continue in 2019.
WA-5: INCORPORATE DIVERSION TARGET FOR CITY CONSTRUCTION PROJECTS AND LONGMONT URBAN RENEWAL AUTHORITY (LURA) PROJECTS INTO STANDARD CONTRACT LANGUAGE	Diana Wilson, Lisa Knoblauch	Near-term	CMO - Purchasing	In progress	In progress	In progress	In progress	1) Will encourage engineering to incorporate more waste recovery, reuse and recycling into the 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. Purchasing, Engineering and CAO are in the process of reviewing and revising Construction General Conditions and Contracts and will look to adding appropriate language to encourage these goals. These requirements should be compatible with the overall Environmentally Preferable Purchasing Policy to be written in 2018. 2) Purchasing and CAO will be sure that verbiage for contracts and GCs is written into revisions, even if this is general language stating that the City encourages recycling and/or appropriate disposal of de-construction and excess materials used in its projects. 3) EP3 Policy is drafted and being reviewed by Sustainability Manager. Will meet with Purchasing Manager to determine next steps and create action plan.
WA-6: ADOPT A COMMERCIAL RECYCLING ORDINANCE THAT INCLUDES MULTI-FAMILY UNITS	Lisa Knoblauch, Charlie Kamenides	Mid-term	Sanitation, Environmental Services	Started	In progress	In progress	In progress	1) 95% participation in Re-TRAC from private haulers service Longmont. Annual reports have been submitted through Re-TRAC 2) Provided input to development code revisions to include " equal space requirements " on new and redevelopment processes. 3) Equal space requirements were adopted into the updated development plan in mid 2018 4) <u>End of the year Report</u> - An ordinance needs to be drafted and vetted through Council for any further progress to be attained. An option for an ordinance can be similar to the City of Boulder's " Universal Recycling Ordinance"

WA-7: INCREASE HAZARDOUS/ E-WASTE/ MATERIALS DROP-OFF OPPORTUNITIES	Charlie Kamenides	Mid-term	Sanitation, Environmental Services	In progress	In progress	In progress	In progress	<p>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.</p> <p>2) Exploring partnerships with private entities to collectively address this issue.</p> <p>3) Resource Conservation Advisory Board has initiated a small group of Boulder County stakeholders to evaluate electronic/HTR item recycling and disposal opportunities.</p> <p>4) Sanitation Manager participating with CFR's efforts in a statewide approach for electronics disposal. The initial meeting discussed a variety of strategy options including producer responsibility, electronics disposal fee at point of purchase and increased education to residents regarding electronics disposal. The group settled on developing education and outreach information.</p> <p>5) End of the year report- waiting to hear the results from the Boulder County consultant analyzing sites for C&D and composting facility within Boulder County.</p>
WA-8: ESTABLISH A CONSTRUCTION DEMOLITION WASTE INCENTIVE PROGRAM	Lisa Knoblauch	Mid-term	Planning and Development Services	Not started	Not started	Not started	Started	<p>1) <u>End of year Report</u>- Charles spoke with a representative from Home Builders, one of the regions largest construction and demolition waste hauler. HB already carries a variety of disposal boxes suited for recycling- they are providing that service in other areas in Boulder county that require construction recycling.</p>
W-1: IMPLEMENT IDENTIFIED STRATEGIES WITHIN THE WATER EFFICIENCY MASTER PLAN	Ken Huson	Near-term	Water Resources	In progress	In progress	In progress	In progress	<p>1) The Water Efficiency Master Plan Update was completed and approved by Water Board, City Council and the Colorado Water Conservation Board.</p> <p>2) Staff have also met with Fort Collins and PRPA to discuss modeling water rebate program integrated into Efficiency Works for commercial customers.</p> <p>3) 2018 water conservation program elements underway.</p> <p>4) A 0.5 FTE time Water Conservation Specialist position has been approved in the 2019 budget.</p>
W-2: COMPLETE AN ANALYSIS OF WATER LOSS AND RECOMMEND STRATEGIES FOR SUBSEQUENT ACTIONS	Kathryne Marko	Mid-term	Environmental Services	In progress	In progress	In progress	In progress	<p>This strategy was revised in the 2018 Sustainability Plan update to better reflect the ongoing water loss and leak detection efforts needed. Water loss was evaluated and calculated for 2014-2017 and will be included in the future water demand study evaluation and calculated annually for as a metric for the online dashboard. This effort made adjustments to improve the accuracy of the data currently being used and identified topics for further discussion. These discussions, to refine data sources and develop consistent data review procedures to support development of strategies for subsequent actions, are anticipated to begin in 2019 .</p> <p>Making progress on installing electronic meters is integral to evaluating water loss and developing strategies. 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 M36. Over a two year period beginning Spring 2019, we will be participating in the Colorado Water Conservation Board's training and technical assistance for performing a water audit per AWWA M36.</p> <p>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 Dec 2017, there were 28,107 meters with 14,259 being electronic. Propagation studies are underway to ensure adequate receiver coverage and three test gateways are currently in use.</p>

W-3: DEVELOP A STRATEGIC WATER QUALITY IMPROVEMENT AND ENFORCEMENT PLAN FOR CONSECUTIVE SYSTEMS	Cal Youngberg, Lisa Knoblauch	Mid-term	Environmental Services	Not started	Not started	Not started	Not started	
W-4: COORDINATE WITH BOULDER COUNTY PUBLIC HEALTH ON MODEL GREYWATER (WATER REUSE) ORDINANCE	Ken Huson	Mid-term	Water Resources	Not started	Not started	Not started	Not started	
W-5: CREATE AN ACTIVE WATERSHED MANAGEMENT PROGRAM	Kathryne Marko, Cal Youngberg	Mid-term	Environmental Services	In progress	In progress	In progress	In progress	<p>1) The City of Longmont has multiple monitoring programs and data sharing efforts and is working towards expanding these on a watershed level. Longmont has an internal watershed monitoring program and 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>2) In 2017, the Keep It Clean Partnership (KICP) decided to shift focus from primarily stormwater to overall watershed; the overall mission is to protect, promote, and improve watershed health in the Boulder St. Vrain Creek Basin through sharing resources, building community awareness, and collecting and using data. To further the mission, three sub-committees were developed; Stormwater, Education & Outreach, and Watershed. Through workshops, each sub-committee develop objectives and a 2019 work plan.</p> <p>3) Development of a Button Rock Land Management Plan, which supports the larger intent of the larger watershed protection, is beginning in 2019.</p>