

Sustainability Plan Progress Report - Third 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		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. 2) Submitted budget request under review for approval to purchase a FLIR camera. If approved, FLIR camera leak detection inspections to begin early October. 3) Pilot with Alert Plus technology to establish a real-time air and soil vapor monitoring system. All sensors acquired, pilot program to begin once funds are available. 4) P&A well site investigations with Terracon on-going throughout 2018. Eight locations completed, as well as the annual groundwater investigation. Additional locations to be completed as funding allows. 5) Submitted budget request under review for approval for additional funds to continue well site investigations including but not limited to: groundwater monitoring, soil vapor monitoring, soil and water sample analysis, and necessary remediation of detected contaminants. 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 Q4.
AQ-2: EXPAND AIR QUALITY INFORMATION AND MONITORING	Lisa Knoblauch, Kathryne Marko	Near-term	Environmental Services	In progress	In progress	In progress		1) Staff is reviewing available on-call consultant services to help identify ozone monitoring equipment and locations
AQ-3: DEVELOP AN OZONE REDUCTION INCENTIVE AND ENFORCEMENT PROGRAM	Lisa Knoblauch	Near-term	Environmental Services	Started	In progress	In progress		1) Put in 2019 budget request to work with SVVSD, BVSD, American Lung Association and Boulder County Public Health on coordinating anti-idling campaign in 2019
AQ-4: ADOPT AND ENFORCE LEAK DETECTION AND REPAIR ASSOCIATED WITH OIL AND GAS OPERATIONS	Jason Elkins	Near-term	Engineering	N/A	N/A	Not started		
BI-1: EXPAND INDOOR AIR QUALITY TESTING PROGRAM	Lisa Knoblauch	Immediate	Environmental Services	In progress	In progress	In progress		1) Researching CO2 monitors 2) Council made proclamation setting January as radon action month, CO2 monitors will be publicized concurrently
BI-2: PRESERVE, IMPROVE, AND REHABILITATE EXISTING AFFORDABLE HOMES	Kathy Fedler, Tracy Defrancesco	Near-term	Community Services	In progress	In progress	In progress		1) Met with staff in various departments to discuss how best to collaborate and cross-promote programs that support affordable housing and utility cost burden. First step is to explore shared outreach materials. 2) In 2017, 5 homes were fully rehabilitated totalling \$113,400 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 weatherstripping, and energy star rated water heaters. 3) In 2018 to date - 29 homes were rehabilitated with another 11 underway. 10 of the completed homes were full rehabs.
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		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		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 scheduled for 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

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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		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		Slated for review prior to 2021 ICC code updates
BI-7: ADOPT AND ENFORCE UPDATED BUILDING CODE	Joni Marsh	Ongoing	Planning and Development Services	N/A	N/A	Started	Adoption by year end	
C-1: EXPAND EXISTING NEIGHBORHOOD PROGRAMS TO ENHANCE SUSTAINABILITY, RESILIENCY, AND QUALITY OF LIFE	Wayne Tomac	Immediate	Community Sevices	In progress	In progress	In progress		1) Secured Council approval of IGA and finalized contract with CU.ed IGA/resolution. 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 Sevices	N/A	N/A	In progress		1) Developed draft language for a sustainability plan equity strategy establishing how to achieved adopted goals and who will be responsible 2) Need to work with Sustainability coordinator 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		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		1) CMO intern finalized the update to the Community Involvement manual-completed 2nd quarter. 2) Community Involvement team will be scheduling an open session for late 2018/early 2019 to support staff in planning community involvement for upcoming projects. Facilitator training was done in the 3rd quarter and included NGLA representatives.
EV-1: CREATE A LONGMONT SUSTAINABLE BUSINESS RECOGNITION PROGRAM	Berenice Garcia Tellez	Immediate	Environmental Services	In progress	In progress	In progress		1) Had presentations with LEDP, Longmont Chamber of Commerce, LDDS, 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		1) Hired Economic Sustainability Specialist to support implementation of Economic Viatlity strategies
EV-3: REINSTATE THE POLLUTION PREVENTION PROGRAM	Berenice Garcia Tellez	Near-term	Environmental Services	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		1) Sustainability Coordinator is reviewing findings of Purchasing Manager and will recommond how extensive this policy should be based on research 2) Purchasing Manager has completed a draft sustianable purchasing policy, being reviewed by Environmental Services/Sustainability staff

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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		
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		
E-1: REVIEW ENERGY EFFICIENCY IMPROVEMENT AND RENEWABLE ENERGY GENERATION OPPORTUNITIES FOR MUNICIPAL FACILITIES	Lisa Knoblauch, Kathryne Marko, John Gage, Chuck Finleon	Immediate	Environmental Services	In progress	In progress	Started		<p>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.</p> <p>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. The project is anticipated to be complete by September 2019. The project includes a \$1,000,000 grant from DOLA and a \$385,000 grant from RAQC.</p> <p>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.</p> <p>4) Nexant conducted a technical energy assessment of the Service Center, including the warehouse, to identify possible energy efficiency and water conservation improvements. Fluorescent lighting in some areas has since been replaced with LED fixtures. In addition, scheduling of assessments for the Civic Center and Planning and Development Services building are underway.</p>
E-2: CONTINUE COLLABORATION WITH ENERGY OUTREACH COLORADO TO EXPAND ENERGY SERVICES FOR LOW-INCOME HOUSEHOLDS	Anne Lutz	Immediate	LPC	In progress	In progress	Started		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		1) Two Efficiency Works contractor trainings were hosted by LPC in 2017. In addition, local contractors had the opportunity to attend trainings in Loveland and Fort Collins through the regional Efficiency Works program. There are currently five training sessions scheduled in Longmont for 2018, Energy Efficiency 101 was held on May 24th, Big Picture - Why We Are Selling Efficiency on July 10, Efficiency Sales and Methodologies on July 17, Technical Sales and Components on July 24, and Emerging Technologies is scheduled for October 25, 2018.
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		<p>1) Developed outline for creating the Just Transition Plan and presented to departments around the City.</p> <p>2) Began to develop outreach materials for the Just Transition Plan.</p>
E-5: REPORT AND BENCHMARK ENERGY USE	Lisa Knoblauch	Near-term	Environmental Services	N/A	N/A	Not started		
E-6: MONITOR ADVANCED METERING INFRASTRUCTURE IMPLEMENTATION	Anne Lutz	Mid-term	LPC	N/A	N/A	Started		
E-7: CONTINUE TO PROVIDE ENERGY EFFICIENCY OUTREACH AND INCENTIVES FOR ALL ENERGY USERS	Anne Lutz, Chuck Finleon	Ongoing	LPC	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.

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E-8: MONITOR AND REDUCE GREENHOUSE GAS EMISSIONS	Lisa Knoblauch	Ongoing	Environmental Services	N/A	N/A	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	Anne Lutz, Chuck Finleon, Robert Love	Near-term	LPC	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 customers moving forward.
FS-1: IDENTIFY BARRIERS AND OPPORTUNITIES FOR LOCAL FOOD PRODUCTION	Lisa Knoblauch	Near-term	Environmental Services	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		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 Sevices	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 Sevices	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 Sevices	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		Following Boulder County's research proposals
NE-1: UPDATE THE OPEN SPACE MASTER PLAN	Dan Wolford	Immediate	Open Space	In progress	In progress	Complete		Adopted by Council on 7/10/18
NE-2: UPDATE THE WILDLIFE MANAGEMENT PLAN	Dan Wolford	Immediate	Open Space	Not started	Not started	Started		Consultant contract being issued, TAC meeting with GreenPlay to be scheduled by Mid-Nov. for project Kick-off
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		
NE-4: UPDATE THE TREE CANOPY MANAGEMENT AND REPLACEMENT PLAN	Ken Wicklund	Near-term	Forestry	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.

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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		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		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		1) RTD continuing with SH-119 Bus Rapid Transit study Public meetings were held in November 2017 and May 2018, with excellent turn out from Longmont residents and businesses. The next meetings are scheduled for Q4 2018. RTD is considering high-frequency bus service (every 15 mintues) between Longmont and Boulder in designated lanes, along with higher frequency (every 15 minutes) local bus service to suppliment 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		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		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 2018 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		
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		1) Started evaluating the stops with amenities in the City. Developing a list of deficient sites that may allow new shelters or advertising benches. Changes in the Land Development Code will now allow advertising benches in the ROW. Contract amendments are in progress 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	Mid-term	Planning and Development Services	Ongoing	Ongoing	Ongoing		1) Enhanced Multi-use Corridor (EMUC) study accepted by City Council in Q1. \$50K in 2019 budget, plus continuing roadway reconstruction projects, to implement EMUC vision/plans.
T-7: CONTINUE THE RIDE FREE TRANSIT PROGRAM	Phil Greenwald	Ongoing	Planning and Development Services	Ongoing	Ongoing	Ongoing		1) City conducted survey in 2017 to get resident, Council/TAB and City staff feedback on program--over 67% indicated the program should continue. The program is funded through 2019.
WA-1: BUILD SUPPORT FOR PARTICIPATION IN THE CURBSIDE COMPOSTING PROGRAM	Charlie Kamenides	Immediate	Sanitation, Environmental Services	Ongoing	Ongoing	Ongoing		1) To date, 7,758 customers have subscribed to the composting program; in addition, over 2,950 have switched from large (96 gallon) to smaller trash container (48 gallon), and 2,299 have switched to every other week (EOW) service. This breaks down to 62% 96 gallon; 30% 48 gallon and 8% with EOW trash containers. 2) Waste characterization study completed 3) Initiated new marketing strategies to raise awareness to reducing trash and participating in compost program

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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		1) Meeting quarterly with Eco-Cycle and SVVSD to discuss bringing on two new Green Star schools in 2018 2) Eco-Cycle launched the Green Star Schools program in Altona Middle School
WA-3: DEVELOP A STRATEGIC WASTE MANAGEMENT PLAN WITH REGIONAL PARTNERS	Charlie Kamenides	Near-term	Sanitation, Environmental Services	In progress	In progress	In progress		1) Met with Boulder County officials to discuss potential collaboration for wood waste, C&D and organics management. Boulder County staff have looked at sites near/around Longmont. No further progress in Q2. 2) An RCAB sub committie was formed to evaluate two potential site- Oold Longmont landfill and the old Rinbow Nursery location. A consultant was hired by Boulder County Resource Conservation divison to evaluate and rate each location for best uses. Consulting services begin 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		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 completed trainings for Service Center and Fleet building staff on how to properly use bins and answer questions. Charlie has also worked withthe warehouse manage to elininate the roll off for general waste disposal fom the warehouse and LPC and replaced them with diversion specific bins for metal and wire, cardboard, single stream recycling and clean wood waste. He has compted installing containers at the Centennial Pool facility adding compost and recycling throughout the facility. 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. 4) New outreach marketing has begun which includes new brand marketing, Character development, 21 day Challenge and direct school ourteach in the SVVSD 5) Marketing strategy created the Compost Sucess kit which is an instructional tool that will be mailed to all current compost customers
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			1) 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. Purchasing is 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. Draft EP3 is in progress and under review by CMO. 2) Purchasing 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.

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WA-6: ADOPT A COMMERCIAL RECYCLING ORDINANCE THAT INCLUDES MULTI-FAMILY UNITS	Lisa Knoblauch, Charlie Kamenides	Mid-term	Sanitation, Environmental Services	Started	Started			<p>1) 95% participation in Re-TRAC from private haulers service Longmont. Annual reports have been submitted through Re-TRAC</p> <p>2) Provided input to development code revisions to include " equal space requirements " on new and redevelopment processes.</p> <p>3) Equal spacerequirements weres adopted into the updated development plan in mid 2018</p>
WA-7: INCREASE HAZARDOUS/ E-WASTE/ MATERIALS DROP-OFF OPPORTUNITIES	Charlie Kamenides	Mid-term	Sanitation, Environmental Services	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) Resorce 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. Q2 ongoing</p>
WA-8: ESTABLISH A CONSTRUCTION DEMOLITION WASTE INCENTIVE PROGRAM	Lisa Knoblauch	Mid-term	Planning and Development Services	Not started	Not started	Not started		
W-1: IMPLEMENT IDENTIFIED STRATEGIES WITHIN THE WATER EFFICIENCY MASTER PLAN	Ken Huson	Near-term	Water Resources	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 requested 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		<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 occur 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.</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>

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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		
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		
W-5: CREATE AN ACTIVE WATERSHED MANAGEMENT PROGRAM	Kathryne Marko, Cal Youngberg	Mid-term	Environmental Services	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. Part of the shift to a watershed focus is coordinating more data sharing with stakeholders within our watershed. Several workshops were held to develop the mission and goals of KICP. 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. Workshops for each sub-committee are scheduled through the end of the year to develop objectives.</p> <p>3) An initial scoping meeting was held for the Button Rock Land Management Plan, which supports the larger intent of the larger watershed protection.</p>