

Sustainability Plan Progress Report - 2019 Q3

Strategy	Reporting Contact	Timeline	Lead	Status (Not started, Started, In progress, On Hold, Completed, Ongoing)				Notes/Data
				Q1	Q2	Q3	Q4	
AQ-1: INCREASE INSPECTIONS OF EMISSIONS FROM OIL AND GAS SITES	Annie Noble	Immediate	Environmental Services	In progress	In progress	Suspended		1) Real-time air monitoring of the Extraction Rinn Valley production facility south of CR 20-1/2 is on-going. P&A well site investigations with Terracon for 2019 are suspended. 2) In the process of hiring an Air Quality/Oil and Gas Specialist
AQ-2: EXPAND AIR QUALITY INFORMATION AND MONITORING	Annie Noble	Near-term	Environmental Services	In progress	In progress	In progress		1) Dr. Detlev Helmig is under contract to perform a regional air quality monitoring study as per regulatory standards, which will focus on meeting the ambient air quality objectives of the Sustainability Plan. Contract has been executed, project has been initiated, monitoring site installations in progress.
AQ-3: DEVELOP AN OZONE REDUCTION INCENTIVE AND ENFORCEMENT PROGRAM	Lisa Knoblauch	Near-term	Environmental Services	In progress	In progress	In progress		1) Completed the first Clean Air Challenge Longmont, as part of the "Let's Thrive Challenge"; analyzing results.
AQ-4: ADOPT AND ENFORCE LEAK DETECTION AND REPAIR ASSOCIATED WITH OIL AND GAS OPERATIONS	Annie Noble	Near-term	Environmental Services	In progress	Suspended	Suspended		1) Olander wells are drilled. Awaiting for Knight, expected to start 2020. 2) FLIR camera purchased March 2019 and was received. Will begin leak detection of gathering lines and active oil and gas facilities once a new oil and gas person is assigned. Timeframe unknown. 3) Stamp well is shut-in, gathering line has been abandoned in place.
BI-1: EXPAND INDOOR AIR QUALITY TESTING PROGRAM	Mary Paterniti	Immediate	Environmental Services	In progress	In progress	In progress		1) Ordered additional radon detectors to accommodate growing wait list
BI-2: PRESERVE, IMPROVE, AND REHABILITATE EXISTING AFFORDABLE HOMES	Kathy Fedler, Tracy Defrancesco	Near-term	Community Services	In progress	In progress	In progress		1) Public/Private Partnerships: Partnering with Energy Outreach Colorado (EOC) 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. Thru 3rd Q 2019 - 14 homes in process with EOC, 15 homes completed. 2) Support/Enhance Programs to Preserve Affordable Housing: Through the Housing Rehabilitation Program - 3 total homes are underway and 7 homes have been completed to date. 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. 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 (estimated at \$150,000).
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	Lisa Knoblauch	Near-term	Environmental Services	In progress	In progress	In progress		1) Completed Sustainability Evaluation System reviews of the Wildlife Management Plan, the Button Rock Management Plan and the Hover and Nelson Road Intersection alternatives. 2) The 2019 CIP projects that might benefit from an SES review have been identified. The project schedules, some of which are based on funding and other considerations, will determine when the SES evaluations will be done. 3) Staff continues to discuss how best to use the more detailed life cycle cost system that was developed internally. One possible approach is to apply it to a few projects that had previously gone through an SES review to get feedback about usability and possible revisions. 4) Continued discussions with Planning and Development regarding how sustainability and/or the SES might be adapted to be applied to development projects.
BI-5: REVISE AND UPDATE THE CITY OF LONGMONT DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS TO INCLUDE SUSTAINABILITY	Lisa Knoblauch	Near-term	Engineering	In progress	In progress	Completed		1) Design Standards and Specifications updates are completed.
BI-6: DEVELOP 'BEYOND' BUILDING CODE	Joni Marsh	Near-term	Planning and Development Services	Not started	Not started	Not started		1) Slated for review prior to 2021 ICC code updates; will begin conversations in late 2019
BI-7: ADOPT AND ENFORCE UPDATED BUILDING CODE	Joni Marsh	Ongoing	Planning and Development Services	Completed for 2018 code cycle; Effective 1/21/2019	Completed for 2018 code cycle; Effective 1/21/2019	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		1) Began adapting the FLOWS model into a structure informed by community development models and the Sustainable Neighborhood Solutions (SNS) program to be formulated specifically for Longmont's neighborhoods, rebranded as Sustainable Opportunities, Lifestyles, and Leadership (SOLL). 2) 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). 3) SOLL Timeline and work plan has been finalized, neighborhood Inn Between/Kiteley have confirmed participation.
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	In progress	In progress	In progress		1) City joined the Government Alliance on Race and Equity (GARE) 2) USDN Equity Foundations training: Formed interdepartmental team including staff and directors; training will be completed August 2019. Completed 9/11/19 3) Establishing a City Equity team to begin to develop a Citywide equity policy and identify strategy for implementation. 4) Used the Race Equity toolkit in facilitation to implement early childhood education program development Sept. 2019
C-3: COLLABORATE WITH ST. VRAIN VALLEY SCHOOL DISTRICT ON A PREPAREDNESS AND RESILIENCE SITE	Lisa Knoblauch	Mid-term	LPC	In progress	On hold	On hold		Change in staff at SVVSD; re-establishing priorities and collaborative strategies.
C-4: INCORPORATE THE CITY OF LONGMONT'S COMMUNITY ENGAGEMENT MODEL INTO ALL CITY PLANS AND PROJECTS	Carmen Ramirez, Sandi Seader	Ongoing	CMO	Ongoing	Ongoing	Ongoing		1) Began integrating CI foundations within the Public Information Team and will merge the community involvement and public information team together. 2) Have started to implement race equity tool into CI.
EV-1: CREATE A LONGMONT SUSTAINABLE BUSINESS RECOGNITION PROGRAM	Berenice Garcia Tellez	Immediate	Environmental Services	In progress	In progress	In progress		1) Recognized and Certified 18 businesses from the Pilot for the Sustainable Business Program- 2 Latino Businesses participated 2) We have provided FREE energy, water, waste and transportation 20+ assessments to businesses 3) Organized an Awards celebration on August 20th. We got positive feedback gathering are scheduled for the middle of August 4) 3 businesses went through an organizational assessment on equity, inclusion, and diversity practices 5) Launched the Sustainable Business Program 6) Organizing marketing to continue promoting the Sustainable Business Program
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) Continue working with business organizations to outreach and promote sustainability measures 2) Participating in the Advance Longmont 2.0 Industry s Group 3) 4 businesses participated in the Startup Week through sponsorship and providing discounted meals to participants 4) Assisting PACE and Cities to establish equity in their programming
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) Purchasing Manager has completed a draft sustainable purchasing policy as of March 2019. The draft is being reviewed by Environmental Services/Sustainability staff for suggested revisions. 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	In progress	In progress	In progress		1) Organized the Ribbon Cutting and Mixers for the Latino Chamber 2) Attending Latino Chamber Board Meetings 3) Putting together a leadership program for Latino Businesses in December 4) Organizing logistics for the upcoming Hispanic Startup Weekend in Longmont next year
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, John Gage, Chuck Finleon	Immediate	Environmental Services	In progress	In progress	In progress		<p>1) 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 is estimated for first quarter of 2020. The project includes a \$1,000,000 grant from DOLA and a \$385,000 grant from RAQC.</p> <p>2) 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>3) Working on getting initial pricing for a lighting upgrade at Nelson Flanders which involves fixture swap-outs and fixture retrofitting. Anticipating 2 phases; the first will focus on the admin, lab and operation control areas and the second will focus on process areas. LPC is supporting the rebate portion of this.</p> <p>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.</p> <p>5) Beginning to work on drafting an RFP for solar feasibility of a floating array at either Nelson Flanders WTP or Dickens Pond in anticipation of releasing it next year.</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	In progress		<p>1) LPC actively worked with PRPA, Energy Outreach Colorado, Boulder County and City staff to explore additional synergies for expanding and funding projects.</p> <p>2) Obtained approval for Boulder County funding that was in addition to LPC, EOC and PRPA.</p> <p>3) The Colorado Affordable Residential Energy (CARE) Program was successfully launched in May 2019 and 11 Longmont households have been completed to date.</p> <p>4. A total of 39 applications have been received year to date.</p>
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		<p>1) 142 Commercial energy efficiency project applications have been submitted thus far in 2019, resulting in an estimated savings of 3,680 MWh.</p>
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	In progress	In progress	In progress		<p>1) Analyzed the Just Transition Plan Survey, 562 survey results (analysis will be available online in Q4)</p> <p>2) Completed the final two listening sessions (out of ten in total) focused on learning more about households' main financial concerns, engagement in assistance programs, barriers to energy service, health concerns related to stress and household air quality, and policy and program recommendations for the future.</p> <p>3) Developed and hosted the first of four Environment and Us Workshops to increase understanding of the need for a Just Transition Plan</p>
E-5: REPORT AND BENCHMARK ENERGY USE	Chuck Finleon	Near-term	LPC	Started	Started	Started		<p>1) Researched other communities' strategies for benchmarking.</p> <p>2) Will be finalizing scope and developing a draft program plan in 4th Qtr of 2019.</p> <p>3) 1 FTE approved for 2020 to commence and oversee commercial benchmarking program</p>
E-6: MONITOR ADVANCED METERING INFRASTRUCTURE IMPLEMENTATION	Chuck Finleon	Mid-term	LPC	Started	Started	Started		<p>1) Two positions, AMI Services Manager & AMI Tech/Analyst, have been approved for 2020 in support of the AMI project which is expected to commence sometime in 2020. The project will take several years to deploy depending upon annual budget allocation amounts.</p>
E-7: CONTINUE TO PROVIDE ENERGY EFFICIENCY OUTREACH AND INCENTIVES FOR ALL ENERGY USERS	Chuck Finleon	Ongoing	LPC	Ongoing	Ongoing	Ongoing		<p>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.</p>
E-8: MONITOR AND REDUCE GREENHOUSE GAS EMISSIONS	Lisa Knoblauch	Ongoing	Environmental Services	Ongoing	Ongoing	Ongoing		<p>1) Next inventory to be completed in 2020, incorporating additional strategies such as electrification</p> <p>2) City Council approved resolution declaring Climate Emergency and calling for the convening of a Climate Action Task Force, which staff is coordinating. Applications for task force members is out - deadline is 11/15. A selection committee will bring recommended applicants to Council for final approval.</p>
E-9: EXPAND AWARENESS AND PARTNERSHIP OPPORTUNITIES FOR SOLAR INSTALLATIONS AND RENEWABLE SUBSCRIPTIONS	Chuck Finleon, Robert Love	Near-term	LPC	Ongoing	Ongoing	Ongoing		<p>1) Longmont was awarded SolSmart Bronze designation.</p> <p>2) PRPA and its four communities continue to explore options for expanding their solar portfolio.</p> <p>3) The City's website was updated to include additional information for people who may be considering solar.</p> <p>4) A residential customer solar packet has been developed and is sent out to all new solar customers.</p>
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		<p>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.</p> <p>2) Met with EcoCyle to discuss opportunities for Longmont to participate in their carbon farming research projects. Will continue conversation.</p>
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		<p>1) Longmont applied for \$10,000 to support the WIC Farmers Market program through the Boulder County Sustainability Matching Grant Program with funds from the 2020 Sustainability Tax</p>

FS-4: SUPPORT AND EXPAND GARDEN TO CAFETERIA PROGRAM OPPORTUNITIES	Lisa Knoblauch	Mid-term	Environmental Services, Community Services	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		
FS-6: ENCOURAGE AND SUPPORT AGRICULTURAL RESEARCH IN BOULDER COUNTY	Lisa Knoblauch	Ongoing	Natural Resources	In progress	In progress	In progress		1) Following Boulder County's research proposals
NE-1: UPDATE THE OPEN SPACE MASTER PLAN	Dan Wolford	Immediate	Open Space	Completed	Completed	Completed		1) Adopted by Council on 7/10/18
NE-2: UPDATE THE WILDLIFE MANAGEMENT PLAN	Dan Wolford	Immediate	Open Space	In Progress	In progress	Completed		1) Adopted by Council on 9/24/19
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		1) Natural Resources hired 0.5 FTE Volunteer Coordinator to help support this effort. New Water Conservation and Sustainability Specialist will also support this effort.
NE-4: UPDATE THE TREE CANOPY MANAGEMENT AND REPLACEMENT PLAN	Natalie Wehrwein	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.
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	Danielle Levine	Ongoing	Open Space	Ongoing	Ongoing	Ongoing		1) Completed first two quarters using an online volunteer management software, JoinUs. 2) Hosted 55 volunteer and educational events in 2019. A total of 488 volunteers, comprising 11% long-term volunteers and 89% one-time volunteers, contributed ~2,328 volunteer hours to date.
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 has completed SH-119 Bus Rapid Transit (BRT) study 2) RTD is developing a longer-term (2025) high-frequency bus service (every 15 minutes) between Longmont and Boulder in "managed" lanes, along with higher frequency (every 15 minutes) local bus service to supplement the BRT service along Main Street and the Diagonal Highway. Unfortunately RTD is informing local governments that due to driver shortages, RTD will need to cut services in 2020. City staff is closely monitoring the situation.
T-2: DEVELOP A FLEET EFFICIENCY AND ALTERNATIVE FUELS PLAN	Lisa Knoblauch	Near-term	CMO - Fleet	In progress	In progress	In progress		1) Applied for funding to develop an Equitable Carbon-Free Transportation Roadmap, which will incorporate fleet strategies and targets, through the Boulder County Sustainability Matching Grant Program with funds from the 2020 Sustainability Tax
T-3: COORDINATE WITH REGIONAL PARTNERS ON PUBLICIZING CAR/VAN POOLING	Ben Ortiz	Near-term	Planning and Development Services	Ongoing	Ongoing	Ongoing		1) Working with partners at Smart Commute Metro North (North Metro Transportation Management Organization) and Commuting Solutions (Northwest Metro Area 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.
T-4: INCREASE ELECTRIC VEHICLES THROUGH VEHICLE INCENTIVES AND IMPROVED INFRASTRUCTURE	Lisa Knoblauch	Near-term	Environmental Services	Not started	Not started	Not started		1) Applied for funding to develop an Equitable Carbon-Free Transportation Roadmap through the Boulder County Sustainability Matching Grant Program with funds from the 2020 Sustainability Tax to identify opportunities and targets for EV uptake and supporting activities in both public and private sector.
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	Completed		1) Evaluating all transit stops for amenities within the City. Developed 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. As of March, 2019 one advertising shelter has been installed and six stops have been improved with advertising benches.
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) 1) Applied for funding to develop an Equitable Carbon-Free Transportation Roadmap, which will incorporate active transportation, through the Boulder County Sustainability Matching Grant Program with funds from the 2020 Sustainability Tax
T-7: CONTINUE THE RIDE FREE TRANSIT PROGRAM	Phil Greenwald	Ongoing	Planning and Development Services	In progress	In progress	In progress		1) The program is funded through 2019. City staff is working with RTD staff to develop a multi-year IGA to continue this program in 3 year increments.
WA-1: BUILD SUPPORT FOR PARTICIPATION IN THE CURBSIDE COMPOSTING PROGRAM	Charlie Kamenides	Immediate	Sanitation, Environmental Services	Ongoing	Ongoing	Ongoing		1) Numbers to date: • 2,783 Every Other Week (EOW) customers • 17,225 96 gallon customers • 9,390 48 gallon customers • 5,615 Compost customers

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) Continuing contract with EcoCycle to provide Green Star School training at additional schools in the fall of 2019 2) New trash and recycle containers have been installed at the sports fields at Longmont HS. 3) Evaluating the opportunity to provide compost collection services to the SVVSD; alysis completed and meeting scheduled with Dale to make decision to provide services. SVVSD decided to have Ecocycle provide compost services to teh school district.
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) Site analysis underway lead by Boulder County staff. An RCAB subcommittee was formed to evaluate two potential sites - the old Longmont landfill and the old Rainbow Nursery locations. A consultant was hired by Boulder County Resource Conservation division to evaluate and rate each location for best uses. Consultant report was rejected by Boulder County due to insufficient data and lack of complete data. 2) Boulder County decided to conduct their own internal analysis, expected to be released in August. 3) Waiting
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) Ongoing outreach through City website, social media and Waste Diverter 2) Marketing effort to promote recollect and waste wizards is in process which will include, mailer, billboards, social media 3) Let's Thrive Challenge Marketing occurred in June/July resulting in an increase of residents right sizing trash carts and increased compost services
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	1) Working with engineering to incorporate more waste recovery, reuse and recycling into the CIP projects. Exploring 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. 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. Purchasing is working on drafting an action plan with roles & responsibilities.
WA-6: ADOPT A COMMERCIAL RECYCLING ORDINANCE THAT INCLUDES MULTI-FAMILY UNITS	Lisa Knoblauch, Charlie Kamenides	Mid-term	Sanitation, Environmental Services	In progress	In progress	In progress	1) 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	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. 3) Resource Conservation Advisory Board has initiated a small group of Boulder County stakeholders to evaluate electronic/HTR item recycling and disposal opportunities. 4) Sanitation Manager participating with Recycle Colorado'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. 5) Waiting to hear the results from the Boulder County consultant analyzing sites for C&D and composting facility within Boulder County (report was rejected by BC staff due to lack of data- internal report due in August) 6) BC consutlant will provide results of the second evaluation October 9th.
WA-8: ESTABLISH A CONSTRUCTION DEMOLITION WASTE INCENTIVE PROGRAM	Lisa Knoblauch	Mid-term	Planning and Development Services	Started	In progress	In progress	1) Charles spoke with a representative from Home Builders (HB), one of the regions largest construction and demolition waste haulers. 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.
W-1: IMPLEMENT IDENTIFIED STRATEGIES WITHIN THE WATER EFFICIENCY MASTER PLAN	Ken Huson, Francie Jaffe	Near-term	Water Resources	In progress	In progress	In progress	1) 2019 water conservation program elements underway. Waterwise seminars, Garden in a Box, and Slow the Flow have completed for 2019. 2) Continue to research and develop the expansion of water conservation program elements for 2020.

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 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. 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. For data year 2018, a water audit per AWWA M36 has been completed and validated by the trainers.</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 2018, there were 28,682 meters with 17,872 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	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, Francie Jaffe	Long Term	Water Resources	Monitoring	Monitoring	Monitoring		It is not currently recommended that a greywater reuse program be set up in Longmont. Longmont will continue to monitor Boulder County Health as they develop a model greywater program to determine if this might be a possibility in Longmont in the future.
W-5: CREATE AN ACTIVE WATERSHED MANAGEMENT PROGRAM	Kathryne Marko, John Gage, Danielle Levine (Button Rock)	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; 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 developed objectives and a 2019 work plan.</p> <p>KICP is revising how the education and outreach program is managed. A new KICP Outreach Coordinator will manage the program and develop an outreach strategy to combine watershed messages. Interviews were performed and KICP is in the process of making an offer.</p> <p>3) The Button Rock Preserve Management Plan process, which supports protecting the greater watershed beyond Preserve boundaries, is scheduled to continue through Dec. 2020.</p>