

Sustainability Plan Progress Report - Second 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	Natural Resources	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. Three 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.
AQ-2: EXPAND AIR QUALITY INFORMATION AND MONITORING	Lisa Knoblauch, Kathryne Marko	Near-term	Environmental Services	In progress	In progress			1) Installed real-time air quality widget on Sustainability webpage 2) Started researching ozone monitors and potential locations. 3) Now connected with the "Simple Steps. Better Air" Campaign to share regional messaging around ozone and air quality awareness and what residents can do to improve air quality.
AQ-3: DEVELOP AN OZONE REDUCTION INCENTIVE AND ENFORCEMENT PROGRAM	Lisa Knoblauch	Near-term	Environmental Services	Started	Started			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
BI-1: EXPAND INDOOR AIR QUALITY TESTING PROGRAM	Lisa Knoblauch	Immediate	Environmental Services	In progress	In progress			1) Researching CO2 monitors 2) Council made proclamation setting January as radon action month
BI-2: PRESERVE, IMPROVE, AND REHABILITATE EXISTING AFFORDABLE HOMES	Kathy Fedler, Tracy Defrancesco	Near-term	Community Services	Ongoing	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 - 21 homes were rehabilitated with another 6 underway. 7 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			1) Will work in collaboration with Envision strategies 2.4, 2.16, 3.2 to define criteria and process for infrastructure improvements 2) Met with Engineering Services to discuss how equity can be incorporated into the process of prioritizing infrastructure improvements. 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			1) Utilized the Sustainability Evaluation System to inform the update of the Open Space Master Plan 2) 2018 CIP projects identified to run through the SES
BI-5: REVISE AND UPDATE THE CITY OF LONGMONT DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS TO INCLUDE SUSTAINABILITY	Lisa Knoblauch, Cal Youngberg	Immediate	Engineering	Not started	Started			1) Design Standards and Specifications update is underway.

C-1: EXPAND EXISTING NEIGHBORHOOD PROGRAMS TO ENHANCE SUSTAINABILITY, RESILIENCY, AND QUALITY OF LIFE	Wayne Tomac	Immediate	Community Sevices	In progress	In progress			1) Started adapting the FLOWS program to the Longmont context; secured local community partners (Inn Between and Kiteley Neighborhood); established fall dates for implementation. 2) Entered into a partnership with the Senior Center to develop the It Takes A Village program into a neighborhood-based Sustainable Neighborhood Solutions (SNS) program with training and a toolbox of resources, expected to launch in the fall. 3) Developed the SNS program structure and met with potential partners/funders
C-2: INCORPORATE THE CITY OF LONGMONT'S COMMUNITY ENGAGEMENT MODEL INTO ALL CITY PLANS AND PROJECTS	Carmen Ramirez, Sandi Seader	Immediate	CMO	In progress	In progress			1) CMO intern finalized the update to the Community Involvement manual 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
C-3: COLLABORATE WITH ST. VRAIN VALLEY SCHOOL DISTRICT ON A PREPAREDNESS AND RESILIENCE SITE	Lisa Knoblauch	Mid-term	LPC	Started	Started			1) Started conversations with SVVSD about possible opportunities at the new Innovation Center
EV-1: WORK WITH LOCAL ECONOMIC DEVELOPMENT ORGANIZATIONS TO SUPPORT LOCAL BUSINESSES AND ATTRACT AND EXPAND GREEN INDUSTRY/CLEAN TECH JOBS	Berenice Garcia Tellez	Immediate	Environmental Services	In progress	In progress			1) Hired Economic Sustainability Specialist to support implementation of Economic Viatlity strategies
EV-2: CREATE A LONGMONT SUSTAINABLE BUSINESS RECOGNITION PROGRAM	Berenice Garcia Tellez	Immediate	Environmental Services	In progress	In progress			1) Met with LEDP, Longmont Chamber of Commerce and El Comite to discuss the initiative of creating a Sustainable Business Program for Longmont. There is an interest for business around sustainability and some businesses are already implementing sustainable practices, e.g., Left Hand Brewery, Red Frog Coffee. On the other hand, Latino business lag behind sustainable practices, however, there is an interest from those parties to learn and apply more sustainable practices in their businesses. 2) Met with Partners for a Clean Environment (PACE) to discuss how we can collaborate in the implementation of the sustainable business program. We are considering a potential collaboration in the environmental verifications, financing and rebates opportunities for businesses. 3) Established a relationship and correspondence with City of Ft Collins-ClimateWise sustainable business program. We are interested in learning the equity and inclusion strategies the City of Ft Collins is implementing in their sustainable business program. 4) Started writing the framework for the sustainable business program 5) Creating the bilingual outreach material for promoting the sustainable business program 6) Started building a database on rebates and financing opportunities available for businesses at a local, county, state and national level.
EV-3: REINSTATE THE POLLUTION PREVENTION PROGRAM	Berenice Garcia Tellez	Near-term	Environmental Services	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			1) Sustainability Coordinator is reviewing findings of Purchasing Manager and will recommond how extensive this policy should be based on research
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			
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			

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			<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 June 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 Service Center, including the warehouse, to identify possible energy efficiency and water conservation improvements. Flourescent lighting in some areas has since been replaced with LED fixtures.</p>
E-2: CONTINUE TO PROVIDE ENERGY EFFICIENCY OUTREACH AND INCENTIVES FOR ALL ENERGY USERS	Anne Lutz, Chuck Finleon	Immediate	LPC	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-3: CONTINUE TO PROVIDE AND INCREASE PARTICIPATION IN A CONTRACTOR ENERGY EFFICIENCY TRAINING PROGRAM IN PARTNERSHIP WITH PLATTE RIVER POWER AUTHORITY	Anne Lutz, Chuck Finleon, Robert Love	Immediate	LPC	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 on October 25, 2018.
E-4: CONTINUE COLLABORATION WITH ENERGY OUTREACH COLORADO TO EXPAND ENERGY SERVICES FOR LOW-INCOME HOUSEHOLDS	Anne Lutz	Immediate	LPC	In progress	In progress			1) We are actively working with PRPA, Energy Outreach Colorado and city staff to find additional synergies for reaching and funding projects.
E-5: PREPARE A LOCAL GREENHOUSE GAS EMISSIONS BASELINE INVENTORY AND FORECAST	Lisa Knoblauch	Immediate	Environmental Services	In progress	Completed			1) Finalized greenhouse gas reduction targets and associated strategies. Next step is to do a cost/resource analysis to identify what level of resources will be needed to meet greenhouse gas reduction goals.
E-6: EXPAND AWARENESS AND PARTNERSHIP OPPORTUNITIES FOR SOLAR INSTALLATIONS AND RENEWABLE SUBSCRIPTIONS	Anne Lutz, Chuck Finleon, Robert Love	Near-term	LPC	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 in the future.</p> <p>3) The City's website was updated to include additional information for people who may be considering solar</p>
FS-1: ENCOURAGE AND SUPPORT AGRICULTURAL RESEARCH IN BOULDER COUNTY	Lisa Knoblauch	Immediate	Natural Resources	In progress	In progress			Following Boulder County's research proposals
FS-2: IDENTIFY BARRIERS AND OPPORTUNITIES FOR LOCAL FOOD PRODUCTION	Lisa Knoblauch	Near-term	Environmental Services	Not started	Not started			
FS-3: ENCOURAGE AND SUPPORT THE BOULDER COUNTY RESOURCE CONSERVATION BOARD IN PURSUING CARBON SEQUESTRATION STUDIES	Lisa Knoblauch	Immediate	Environmental Services	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.
FS-4: EXPAND CONNECTIONS BETWEEN LOCAL FOOD PRODUCERS AND AREAS/ POPULATIONS IN NEED	Lisa Knoblauch	Near-term	Environmental Services, Community Sevices	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-5: SUPPORT AND EXPAND GARDEN TO CAFETERIA PROGRAM OPPORTUNITIES	Lisa Knoblauch	Near-term	Environmental Services, Community Sevices	Not started	Not started			
FS-6: SUPPORT THE ESTABLISHMENT OF COMMUNITY FOOD PROCESSING AND STORAGE FACILITIES IN PARTNERSHIP WITH BOULDER COUNTY	Lisa Knoblauch	Mid-term	Environmental Services, Community Sevices	Not started	Not started			
NE-1: WORK WITH COMMUNITY PARTNERS TO PROMOTE EDUCATION AND AWARENESS ABOUT WATER-WISE LANDSCAPING AND INTEGRATED PEST MANAGEMENT PRACTICES ON PRIVATE PROPERTIES	Lisa Knoblauch, Dan Wolford	Immediate	Environmental Services, Parks and Open Space	In progress	In progress			1) 2018 budget request approved for 0.5 FTE Volunteer Coordinator to help support this effort
NE-2: UPDATE THE TREE CANOPY MANAGEMENT AND REPLACEMENT PLAN	Ken Wicklund	Immediate	Forestry	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-3: CONTINUE AND INCREASE PARTICIPATION IN EXISTING VOLUNTEER PROGRAMS	David Bell	Immediate	Open Space	Ongoing	Ongoing			1) Hired 0.5 FTE Volunteer Coordinator
NE-4: UPDATE THE OPEN SPACE MASTER PLAN	Dan Wolford	Immediate	Open Space	In progress	In progress			1) Open Space Master Plan planning process underway - 2 public meetings held; presentations done to BEA and PRAB; final draft presented and adopted by Council on 7/10/18
NE-5: UPDATE THE WILDLIFE MANAGEMENT PLAN	Dan Wolford	Near-term	Open Space	Not started	Not started			1) Begin RFP process in August of 2018
NE-6: 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			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.
T-1: CONTINUE THE RIDE FREE TRANSIT PROGRAM	Phil Greenwald	Immediate	Planning and Development Services	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 2018 and being programmed for continued funding in 2019.
T-2: COORDINATE WITH RTD TO EXPAND SERVICE AND HOURS TO KEY COMMUNITY LOCATIONS	Phil Greenwald	Near-term	Planning and Development Services	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. 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-3: DEVELOP A FLEET EFFICIENCY AND ALTERNATIVE FUELS PLAN	Lisa Knoblauch	Near-term	CMO - Fleet	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-4: COORDINATE WITH REGIONAL PARTNERS ON PUBLICIZING CAR/VAN POOLING	Phil Greenwald	Near-term	Planning and Development Services	In progress	In progress			1) Worked with partners at Smart Commute Metro North (North Metro Transportation Management Organization) to begin 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-5: SUPPORT GROWTH IN ACTIVE TRANSPORTATION	Phil Greenwald	Near-term	Environmental Services, Planning and Development Services	Ongoing	Ongoing			1) Enhanced Multi-use Corridor (EMUC) study accepted by City Council in Q1. Moving to implementation of study through the 2019 budget process.
T-6: 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			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 anticipated changes in the Land Development Code allowing advertising benches in the ROW).
WA-1: BUILD SUPPORT FOR PARTICIPATION IN THE CURBSIDE COMPOSTING PROGRAM	Charlie Kamenides	Immediate	Sanitation, Environmental Services	Ongoing	Ongoing			1) To date, 4,500 customers have subscribed to the composting program; in addition, over 3,000 have switched from large (96 gallon) to smaller trash container (48 gallon), and 2,210 have switched to every other week (EOW) service. 2) Waste characterization study completed 3) Initiated new marketing strategies to raise awareness to reducing trash and participating in compost program
WA-2: DEVELOP A STRATEGIC WASTE MANAGEMENT PLAN WITH REGIONAL PARTNERS	Charlie Kamenides	Near-term	Sanitation, Environmental Services	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
WA-3: INCREASE PUBLIC EDUCATION AND AWARENESS ABOUT WASTE REDUCTION AND DIVERSION OPPORTUNITIES	Charlie Kamenides	Near-term	Sanitation, Environmental Services	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 with the warehouse manager to eliminate the roll off for general waste disposal from 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 completed 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 outreach in the SVVSD 5) Marketing strategy created the Compost Success kit which is an instructional tool that will be mailed to all current compost customers
WA-4: 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			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-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			<p>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. Need guidance from City Leadership and Engineering on the verbiage and extent of these requirements.</p> <p>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.</p>
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>
WA-7: INCREASE HAZARDOUS/ E-WASTE/ MATERIALS DROP-OFF OPPORTUNITIES	Charlie Kamenides	Mid-term	Sanitation, Environmental Services	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. Q2 ongoing</p>
WA-8: ESTABLISH A CONSTRUCTION DEMOLITION WASTE INCENTIVE PROGRAM	Lisa Knoblauch	Mid-term	Planning and Development Services	Not started	Not started			
W-1: COMPLETE A WATER CONSERVATION MASTER PLAN UPDATE AND IMPLEMENT IDENTIFIED STRATEGIES	Ken Huson	Immediate	Water Resources	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: DEVELOP STRATEGIES ON LEAK DETECTION AND REPAIR TO INCLUDE IN UPCOMING WATER CONSERVATION MASTER PLAN	Kathryne Marko	Immediate	Environmental Services	In progress	In progress			<p>Rather than including specific details for leak detection strategies in the Water Conservation Maserer Plan, a general statement for evaluating and implementing leak detection strategies was determined to be more representative of Longmont's current situation. The specific strategies can be identified once progress is made in installing electronic meters and understanding the existing system wide water loss through an standardized water audit and included in future water conservation Master Plan updates.</p> <p>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. As in interim step, the components used to calculate water loss were evaluated in more detail. This resulted in making adjustments to improve the accuracy of the data currently being used and identifying the need for more evaluation of the components.</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			
W-4: COORDINATE WITH BOULDER COUNTY PUBLIC HEALTH ON MODEL GREYWATER (WATER REUSE) ORDINANCE	Ken Huson	Mid-term	Water Resources	Not started	Not started			
W-5: CREATE AN ACTIVE WATERSHED MANAGEMENT PROGRAM	Kathryne Marko, Cal Youngberg	Mid-term	Environmental Services	In progress	In progress			<p>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>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. There will be a stormwater portion, but the overall emphasis will be watershed related. KICP has has several workshops to develop mission, vision, goals, objectives, and framework. This effort is expected to continue through the end of 2018.</p> <p>Longmont staff met with the Left Hand Watershed Oversight Group (LWOG) to discuss opportunities for shared monitoring. At this time more discussion is needed to determine the best place for collaboration with LWOG; with Longmont or KICP.</p>
W-6: INCORPORATE WATERSHED PROTECTION PLAN INTO UPCOMING BUTTON ROCK FOREST STEWARDSHIP PLAN	Kathryne Marko, Lisa Knoblauch	Mid-term	Environmental Services	Not started	Not started			<p>1) This strategy will be incorporated into the revised W-5 above, to create an active watershed management program.</p> <p>2) An intial scoping meeting was held for the Button Rock Management Plan, which supports the larger intent of the larger watershed protection or management plan.</p>