

2020 LONG RANGE PLAN (2020-2024) APPROVAL

SBWMA BOD MEETING
FEBRUARY 27TH, 2020



A Public Agency

Summary of Changes

- **Main Long Range Plan changes:**

- Added drivers and 8 icons
- Revised (greened) Mission, and Principles and Objectives
- Expanded Sections beyond Collection/Processing
- Details condensed to summary/projections

- **Feedback used to refine focus areas and design**



Concept	Symbol
Cost	
GHG Emissions	
Reduction and Reuse	
Recycling and Composting	
Policies	
Contracts	
Collaboration	
Education and Outreach	

and San Carlos proved successful. Bins and signage were added and improved (see figure 16) and resulting public participation, diversion, contamination and operational impacts and costs were assessed, showing comprehensive text/image-heavy messaging is preferable to simple messaging. In May 2019, the Board also directed the cost-effective scale-up of public spaces bin/messaging, pending collaboration with Recology.

Figure 15. Advising students on sorting at Hoover Community School, Redwood City (left) and In-Schools Pilot data from September 2018 to April 2019 (right).



Major Feedback and Revisions

- **Board feedback on Mission/Principles and Objectives changes:**
 - Keep cost-effectiveness emphasis in both
 - Add Triple Zero environmental, policy, education and other points of emphasis
- **Major TAC/survey feedback on:**
 - More focus on waste reduction/reuse overview, SB 1383 requirements, and financial management
 - Less focus on Schools/Public Spaces pilots, Facilities additional topics

Program and Timing Summary Table

D. Program Timing (Table 1)

Programs/Timing	2020	2021	2022	2023	2024
Waste Reduction/Reuse Programs					
Programs with Local Partners	<ul style="list-style-type: none"> Reduction reporting SMCOOS Foodware Ordinance support 	<ul style="list-style-type: none"> Reduction reporting SMCOOS Food Recovery support 	<ul style="list-style-type: none"> Reduction reporting SMCOOS Food Recovery support 	<ul style="list-style-type: none"> Reduction reporting Electronics Right-to-Repair policy sponsorship 	<ul style="list-style-type: none"> Reduction reporting Reusable Packaging Campaign
Collection Programs					
Franchise Agreement Outreach Activities	<ul style="list-style-type: none"> 2019-20 PubEd Plan MFD/Commercial 1383 organics focus 	<ul style="list-style-type: none"> 2021-23 PubEd Plan MFD/Commercial 1383 organics focus 	<ul style="list-style-type: none"> 2021-23 PubEd Plan Meet 1383 mandate: 50% organics diversion 	<ul style="list-style-type: none"> 2021-23 PubEd Plan MFD/Commercial 1383 organics focus 	<ul style="list-style-type: none"> 2024-26 PubEd Plan Meet 1383 mandate: 75% organics diversion
Franchise Agreement SB 1383 Elements	<ul style="list-style-type: none"> Amendments to organics collection monitoring 	<ul style="list-style-type: none"> Plan organics collection monitoring 	<ul style="list-style-type: none"> Initiate organics collection monitoring 	<ul style="list-style-type: none"> Expand organics collection monitoring 	<ul style="list-style-type: none"> Expand organics collection monitoring
SB 1383 Enforcement and other Elements	<ul style="list-style-type: none"> Draft Model Ordinance, Organics Procurement Policy Pilot enforcement 	<ul style="list-style-type: none"> Ordinance and Organics Procurement Policy support Scale-up enforcement SBR and compost waste evaluations 	<ul style="list-style-type: none"> Full enforcement, fines, container inspections, food recovery, organics procurement etc. 	<ul style="list-style-type: none"> Full enforcement, fines, container inspections, food recovery, organics procurement etc. 	<ul style="list-style-type: none"> Full enforcement, fines, container inspections, food recovery, organics procurement etc.
Collection Fleet Fuel Conversion	<ul style="list-style-type: none"> Continue alternative fuel conversion planning 	<ul style="list-style-type: none"> Start procuring trucks, fuel station 	<ul style="list-style-type: none"> Ramp up truck, fuel station procurement/install 	<ul style="list-style-type: none"> Continue truck, fuel station procurement/install 	<ul style="list-style-type: none"> Finish truck, fuel station procurement/install
Safe Battery Collection	<ul style="list-style-type: none"> Outreach campaign and reach more MFDs 	<ul style="list-style-type: none"> Outreach campaign and reach more MFDs 	<ul style="list-style-type: none"> Outreach campaign and reach more MFDs 	<ul style="list-style-type: none"> Outreach campaign and reach more MFDs 	<ul style="list-style-type: none"> Outreach campaign and reach more MFDs
EPR Policy Targets	<ul style="list-style-type: none"> Continue sponsoring AB 1509 	<ul style="list-style-type: none"> Propose packaging bills 	<ul style="list-style-type: none"> Propose other bills 	<ul style="list-style-type: none"> Propose other bills 	<ul style="list-style-type: none"> Propose other bills
Collection Pilot Programs	<ul style="list-style-type: none"> Scale up Schools Pilot Scale up Public Spaces Pilot 	<ul style="list-style-type: none"> Scale Schools Pilot Review Public Spaces Pilot 	<ul style="list-style-type: none"> Scale Schools Pilot, full program review 	<ul style="list-style-type: none"> Scale Schools Pilot Pilot Tours extension 	<ul style="list-style-type: none"> Scale Schools Pilot
Processing and Transfer Station Programs					
MRF Improvements Phase 1-2/maintenance	<ul style="list-style-type: none"> Complete Phase 1 projects Stormwater treatment 	<ul style="list-style-type: none"> Start Phase 2 projects 	<ul style="list-style-type: none"> Finish Phase 2 and tunnel repair projects 	<ul style="list-style-type: none"> Maintenance projects, e.g. floor resurfacing 	<ul style="list-style-type: none"> Maintenance projects
Organics-to-Energy Processing	<ul style="list-style-type: none"> Pilot installation and operations 	<ul style="list-style-type: none"> Plan and initiate full-scale installation 	<ul style="list-style-type: none"> Full scale installation and operations 	<ul style="list-style-type: none"> Potential full-scale operations 	<ul style="list-style-type: none"> Potential full-scale operations
Contracts (Operations, Landfill, C&D debris & Organics)	<ul style="list-style-type: none"> RFP for and secure new Organics Agreement Initiate C&D debris Agreement extension 	<ul style="list-style-type: none"> Pursue Ox Mtn. land lease C&D debris Agreement RFP and secure new contract 	<ul style="list-style-type: none"> Consider other Organics processors and Operations Agreement extensions 	<ul style="list-style-type: none"> Operations RFP/re-negotiation Consider Organics Agreement extension 	<ul style="list-style-type: none"> Organics Agreement RFP and secure new contract
Operations and Management Programs					
Battery Risk and Facilities Master Planning	<ul style="list-style-type: none"> Harden MRF & Disaster Plan/training 	<ul style="list-style-type: none"> Continue other Facilities Master Planning activities 	<ul style="list-style-type: none"> Pursue Sea Level Rise Assessment 	<ul style="list-style-type: none"> Follow Sea Level Rise Assessment recomm. 	<ul style="list-style-type: none"> Follow Facilities Master Planning recomm.
Env. Educ. Center	<ul style="list-style-type: none"> Target messaging 	<ul style="list-style-type: none"> Target messaging 	<ul style="list-style-type: none"> Revamp events 	<ul style="list-style-type: none"> Revamp events 	<ul style="list-style-type: none"> Revamp events
Facilities Pilots	<ul style="list-style-type: none"> Pursue land lease 	<ul style="list-style-type: none"> Pursue Reuse Park 	<ul style="list-style-type: none"> Pursue site greening 	<ul style="list-style-type: none"> Pursue energy storage 	<ul style="list-style-type: none"> Update GHG inventory

Waste Reduction and Reuse Programs

- Reporting on reduction in per-capita waste generation
- Supporting San Mateo County Office of Sustainability Foodware Reduction Ordinance and Food Recovery
- Electronics Right-to-Repair policy sponsorship
- Reusable Packaging Support campaign

Collection Programs

- Franchise Agreement Outreach with Public Education Plan
 - Multi-Family Dwelling/Commercial focus
- CA Senate Bill 1383 compliance
 - Paired with expanded organics collection, monitoring, enforcement
- Collection fleet alternative fuel conversion
- Expanded battery collection and outreach
- Continued Extended Producer Responsibility bill sponsorship
- Expansion of Collection In-Schools and Public Spaces pilots

Processing and Transfer Station Programs

- Materials Recovery Facility recycling equipment improvements (Phases 1-2 and maintenance projects)
- Organics-to-Energy pilot then full-scale implementation
- Extension, RFP, options considerations or other processes for key contracts:
 - Processing/Operations, Landfill Disposal, Construction and Demolition (C&D) debris and Organics processing

Operations and Management Programs

- Facilities Master Planning:
 - Battery safe handling
 - Disaster/sea level rise risk planning activities
- Environmental Ed center messaging/event improvements
- Potential various Facilities-based pilot programs

Timeline for Plan Input/Approval

Table 3. Stakeholder Meetings, Involvement and Results.

Date	Meeting or Activity	Results
March 12	Public Education and Outreach Committee meeting	Input session #1: Suggested engagement/collaboration strengthening, topic headings, and other improvements
March 14	TAC meeting	Input session #2: Prioritized and edited/added to topics in Plan Outline, in-person and via survey
March 28	Zero Waste Committee meeting	Input session #3: Capital Improvement Planning, refined Mission and Principles and Objectives
April 11	Finance Committee meeting	Input session #4: Refined Mission and Principles and Objectives
April 15	Public Education and Outreach Committee meeting	Input session #5: Refined Pilot Programs and Outreach Plan sections
April 16	Franchised Hauler (Recology) Input Session	Input session #6: Refined Collection Section and other activities/focus areas
April 19	Contracted Processor (SBR) Input Session	Input session #7: Refined Processing and Operations Section and other activities/focus areas
May 9	TAC meeting	Input session #8: Discussed process, incorporating feedback, Mission and Principles and Objectives, and timeline to develop draft and final Plan
May 31	TAC and Contractors receive first draft of Plan	Input from all four Committees and major Contractors: processed into first draft for TAC review
June 6	TAC meeting	Input session #9: Draft Plan review and discussion
November 7	Board/TAC Study Session	Input session #10: Board's first review of Draft Plan
November 21	Board of Directors meeting	Input session #11: Board feedback on Plan, Mission and Principles and Objectives
February 27, 2020	Board of Directors meeting	2020 Long-Range Plan Consideration: Board approval of Plan, and its subsequent implementation