

Chapter 18 Implementation Schedule

Chapter/Recommendation	Implementation Timeframe							
	On-going	2009	2010	2011	2012	2013	2014	Year 7 -20
Chapter 2 – Administration								
1. Work with the Washington State Recycling Association and other counties and state agencies to develop a legislative update to RCW 70.95’s goal of a statewide recycling rate of 50%.	X							
2. Work with WUTC and WUTC-certificated haulers to develop rate structures that support and encourage waste reduction and recycling.		X						
3. Promote legislation to give counties the same options as cities for managing waste collection, including the ability to set rates.			X					
4. Support efforts of other jurisdictions, toward legislative changes to provide additional funding options for county solid waste, waste prevention and recycling needs.		X						
5. Establishment of a Regional Solid Waste System Steering Committee through Interlocal Agreements which will be comprised of the Public Works Directors. This Committee will formalize roles (through by-laws), make recommendations of such matters as: contracts; budgets; public education; outreach and marketing; resource sharing; system analysis and improvements.	X							
6. When convenient, the County and cities may coordinate to take advantage of contracts, co-locating, etc.	X							
7. Explore funding options, as necessary, to ensure that funding of required solid waste, waste prevention and recycling roles continues, such as collection and disposal districts, new revenue-generating authorities and contract revisions for disposal and collection services.				X				

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8. Integrate the County Solid Waste Program to include other environmental issues, such as water quality, that has impact on and is significantly affected by solid waste.	X							
9. Begin discussions regarding long-term management options for waste transfer and disposal, beyond the existing agreement that run through 2016 (plus any contract extensions). These discussions should include evaluation for public ownership of facilities with continued contracting for operations.						X		
10. Continue and expand coordination with other agencies for educational and technical assistance programs.	X							
11. The County should work with Portland Metro to advance proposals that would mutually benefit both regions; provide for a reciprocal exchange of technical assistance and input for areas of mutual concern; enhance communication; and when appropriate use joint contracts	X							
12. Explore intergovernmental cooperation alternatives for enhancing the regulation of the solid waste system and enforcement of laws and regulations. Alternatives include requiring regulated facilities to comply with the laws and regulations of other governments as a condition of contracts/licenses; developing uniform and consistent provisions and language for use in laws and regulatory devices; and collection solid waste fees and taxes originating in each others jurisdictions.	X							
13. The Clark County region should have discussions with Metro and other governments on any items of common interest and relating to solid waste issues.								

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14. The County should continue with implementation of the EMS program for Solid Waste with plans to expand into other County departments and the region. EMS programs should be required, when appropriate, in contracts such as the collection and disposal contracts.								
Chapter 3 – Sustainable Choices								
1. Be more proactive to enhance and expand waste reduction and toxic reduction programs.	X							
2. Encourage green building including: construction debris and waste management requirements for reuse and recycling of materials from construction and demolition sites and Leadership in Energy and Environmental Design (LEED) for county buildings.	X							
3. Calculate the County’s ecological or carbon footprint and track progress towards meeting greenhouse gas emission goals.	X							
4. Participate in climate protection programs.	X							
5. Promote ISO 14001 or comparable sustainability systems approach within the County, other public agencies, and contracted garbage and recycling hauler(s), and transfer station operations.		X						
6. Report annually on progress towards meeting sustainability goals including: recycling/diversion rates, environmentally responsible purchasing, and commute trip reduction efforts.	X							
7. All Solid Waste policies and programs will foster a sustainable Clark County	X							
Chapter 4 – Waste Prevention and Reduction								
1. Expand and augment County’s and cities’ waste reduction and recycling education and promotion programs for residential, institutional and	X							

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commercial generators of waste.								
2. Support legislative efforts that encourage the Washington Utilities and Transportation Commission (WUTC) to allow counties to provide stronger rate incentives for waste reduction, such as a linear rate.				X				
3. Continue to develop County and city procurement standards that encourage waste prevention.	X							
4. Continue and expand yard debris and chemical reduction programs such as natural gardening and home composting.	X							
5. SWAC and the County and cities should take an active role in trying to prevent new types of wastes from entering the waste stream by continuing to focus on products which create more waste and less recycling.	X							
6. Lobby State and federal governments to pass legislation that requires waste prevention: including packaging reduction and improvements.				X				
7. Promote waste exchange and reuse programs.	X							
8. Continue county in-house waste prevention programs and practices.	X							
9. Expand existing public recognition programs and develop new ones.		X						
10. Encourage market development for waste prevention efforts for both private and public entities to find alternatives to disposal such as reuse or product development with a planned "second life".	X							
11. Utilize partnerships with other regulatory agencies and or representatives of the business community to increase the visibility and accessibility of	X							

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commercial assistance programs.								
12. Place emphasis on commercial waste reduction while maintaining existing programs for residential waste reduction.	X							
13. Investigate the potential for providing financial incentives to encourage waste reduction among ratepayers.		X						
14. Promotion campaign to decrease the use of plastic and paper bags.		X						
Chapter 5 – Education & Promotion								
1. Expand education programs to address the benefits to water, air, soil, fish and other species, which result from solid waste prevention and solid waste management activities with an emphasis being placed on ways to reduce energy consumption and greenhouse gases.	X							
2. Create links for our education programs back to the State of Washington’s Beyond Waste Plan.	X							
3. Continue contracting or partnering with the service providers, non-governmental agencies and organizations to develop and/or implement some of the technical assistance, information, education and promotion activities; Continue to support and fund the teacher trainings and workshops, Master Composter/Recycler, and the Naturally Beautiful Backyards as programs at Columbia Springs Environmental Education Center as resources to promote waste and toxics reduction, recycling activities and proper management of solid wastes.	X							
4. Continue to build partnerships that encompass regional issues and regional programs and integrate solid waste with related topics, including water quality, public health, water conservation, energy and resource	X							

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conservation and reduction of greenhouse gases. Develop a regional environmental education plan in participation with the E3 initiative.								
5. Continue to use the Environmental Management System (EMS) as a method for evaluating and measuring the effectiveness of education and promotion programs. The EMS should use the results of each waste stream analysis to identify specific materials and generator groups to build ongoing education programs and, potentially, new education programs.	X							
6. Focus educational activities on personal contact, through schools, community events and community groups in balance with general media education.	X							
7. Develop a Green Schools Program with all schools in Clark County participating. All environmental education activities in the classroom should be linked with environmental school events. Other school educational programs delivered by other groups in the community should also be linked to the Green Schools Program.	X							
8. The Green Schools Program should include reduction in the use of chemicals through IPM programs.	X							
9. Structure our school programs so that all students in Clark County schools have at least one waste reduction educational opportunity for each school level (i.e. elementary, middle, and high school).	X							
10. Enhance the County’s web site to be more comprehensive with information and be a more interactive interface with users. Areas for research include: a) On-line Recycling A-Z Directory; b) Maps with area specific residential service information; 3) Interactive “What Can I Recycle At The Curb” page; and 4) On-line waste reduction/waste minimization tutorial	X							

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for the home & office.								
11. Increase educational efforts for rural and multi-family residences for both recycling and yard waste collection services.	X							
12. Develop an intensive residential educational effort and promotional campaign to coincide with any changes to the collection system and use this opportunity to evaluate social marketing and incentive approaches to increase participation and recovery.		X						
13. Enhance education to businesses so that all businesses are aware of the commercial recycling services that are available; all businesses recycle, have implemented waste reduction programs, and have reduced their use of hazardous or toxic materials.	X							
14. Plan outreach for alternative schools such as the Washington State School for the Deaf, Washington State School for the Blind and Home Link.	X							
15. Evaluate all programs for effectiveness in conjunction with development of annual workplans.	X							
16. Staff should review monthly educational efforts of Waste Connections Recycling Coordinators towards their work authorizations and overall solid waste goals to obtain the maximum potential from this group.	X							
Chapter 6 – Waste Diversion								
1. Continue and expand existing public education and promotion for residential and non-residential recycling.	X							

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2. Periodically evaluate the range of recyclables handled by the recycling collection program to determine whether materials should be added or dropped.	X							
3. Support improvements in recyclable collection programs to ensure that advancing technologies in commingling and co-collection are pursued to the fullest extent possible to minimize program costs and maximize diversion.		X						
4. Support improvements in handling, sorting, processing and marketing the recyclables collected and delivered to CRC in order to maximize the resource value retained.		X						
5. Continue to encourage non-residential recycling through incentives, technical assistance, pilot programs, and recognition programs. Utilize as needed, WCI Waste Reduction Coordinators in helping businesses develop diversion programs for recycling and food waste recovery.	X							
6. Encourage our contracted service providers (CRC and WCI) to use their best efforts to attain and maintain ISO 14001 certification for their operations in Clark County.	X							
7. Work with the Washington Utilities and Transportation Commission (WUTC) and WUTC-certificated haulers to develop rate structures that support and encourage waste reduction and recycling; evaluate the rate structure for recycling rates.		X						
8. Develop a program for registering commercial recycling haulers and tracking tonnage data in the unincorporated areas.			X					
Chapter 7 – Waste Collection								

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1. Work with WUTC and WUTC-certificated haulers to develop rate structures that support and encourage waste reduction and recycling.		X						
2. Adopt a county service level ordinance to provide: a) minimum collection service levels for residential and nonresidential customers; b) access by the County and cities to collection system information; c) enhanced coordination between WUTC-certified collection companies and County and city contractors.		X						
3. Support and investigate state legislative efforts to provide counties with the same options for management of waste collection that cities have.				X				
4. Develop a program for registering commercial recycling haulers and tracking tonnage data in the unincorporated areas.			X					
5. Adopt an ordinance expanding enforcement provisions for unsecured loads of transported waste.		X						
Chapter 8 – Waste Transfer and Material Recovery System								
1. As needed expand the system to include a north county transfer facility (near the City of Ridgefield or Battle Ground in the vicinity of I-5), in addition to the three existing transfer facilities. A feasibility study should be conducted and should include an evaluation for upgrading CTR to address traffic concerns.					X			X*
2. The County and cities should explore the option to purchase the CRC waste transfer system facilities prior to the contract option date of 2021.							X	
Chapter 9 – Energy Recovery and Incineration								

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1. To meet the state priorities for the management of solid waste (RCW 70.95.010), the County will continue the established energy recovery program for wood waste, monitoring the volume being diverted from landfill disposal.	X							
2. The county should investigate whether to establish a biomass incineration plant to meet its special waste management needs. The county should also conduct further research on the technology and feasibility of using the municipal waste stream for energy recovery.				X				
3. The county should consider building either a demonstration or production biogas plant, possibly using the 78 th Street WSU Extension property, once the county resumes ownership. This would enable the county to generate power for the site, mitigate a waste stream, and produce nutrient rich soil amendment. This would be consistent with the county sustainability policy and would add to the sustainable nature of the 78 th Street site.			X					
Chapter 10 – Landfill Disposal								
1. Utilize the existing contract for garbage export to Finley Buttes Landfill located near Boardman, Oregon and Wasco County Landfill located near The Dalles, Oregon for its duration, but consider alternative disposal options for the next contract.	X							
2. No new MSW landfills are to be sited in Clark County.		X						
3. Evaluate a regional approach to managing the transfer, transportation and disposal of MSW including the formation of a Disposal District. Interlocal agreements entered into between the Cities and the County call for the evaluation of a regional solid waste system.							X	

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Chapter 11 – Moderate Risk Waste Plan								
<p>1. The County should continue to support the following current programs and activities:</p> <ul style="list-style-type: none"> • Developing Information/Educational Materials • Providing Workshops and Presentations • Conducting Technical Assistance Visits • Participate in the Local Interagency Network Cooperative (LINC) • MRW Collections (curbside collections, home collections, mobile collection events, and at permanent collection facilities) • Review technical information regarding current or newly identified hazardous materials 	X							
<p>2. The County should also:</p> <ul style="list-style-type: none"> • Add other collection sites (cities of Camas and Vancouver) for controlled substances • Through the CRC contract, plan, construct, and operate a permanent HHW collection facility at the Washougal Transfer Station • Prohibit the disposal of all moderate risk waste through the municipal solid waste collection and disposal system as an incentive to reduce waste at the source or to separate it from garbage for collection at a hazardous waste collection facility. In Clark County, household hazardous wastes, such as oil-based paint and other wood finishing products, pesticides, corrosive cleaners, automobile batteries and motor oil are already prohibited from disposal at the transfer stations by CRC. • Evaluate how the CREAM program will be impacted by the change in state law and make recommendations for program changes. • Enhance education to businesses so that all businesses have reduced their use of hazardous or toxic materials. • Continue contracting or partnering with the service providers, non-governmental agencies and organizations to develop and/or 	X	X						

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implement some of the technical assistance, information, education and promotion activities; Continue to support and fund the teacher trainings and workshops. Master Composter/Recycler, and the Naturally Beautifully Backyards programs as resources to promote waste toxics reduction, recycling activities and proper management of solid wastes.								
Chapter 12 – Construction and Demolition Waste								
1. Sponsor public and private sector education programs designed to encourage C&D waste reduction and recycling.	X							
2. Actively encourage and support the private sector in enhancing and expanding C&D waste recycling and reuse opportunities at West Van and other sites as demand allows.	X							
3. Use the (building and demolition) permitting process to educate applicants about available recycling opportunities and proper disposal options.	X							
4. Study new recycling opportunities for the C&D waste stream within the County to ensure convenient and cost-effective disposal alternatives.	X							
5. No new C&D landfills in the County; rely on recycling and the export of residual wastes to a county designated facility.		X						
6. Continue to provide both source-separated and post-collection recycling opportunities for C&D wastes at the CRC transfer stations including installation of a new or reconditioned sort line at the West Van Materials Recovery Center for Construction and Demolition Waste.			X					

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7. Develop and implement a monitoring and documentation program for accumulating and maintaining generation and disposal data for C&D wastes.		X						
8. Promote green building opportunities and encourage construction meeting Leadership in Energy and Environmental Design (LEED) standards or High Performance school standards per RCW 39.35D.	X							
9. Strengthen education and enforcement of construction and demolition waste hauling regulations for compliance with WUTC regulations (SWAC recommends particular attention to this).	X							
10. Work with Community Development and Community Planning to allow time for deconstruction projects within permit timelines.	X							
11. The County and cities should update their ordinances to regulate on site burial of Construction and Demolition Debris on residential, commercial, industrial or agricultural property.		X						
12. Facilitate market development of recovered C&D materials.	X							
Chapter 13 – Organic Wastes								
1. Review yard debris collection programs to ensure that advancing technologies in commingling and co-collection are pursued to the fullest extent possible to minimize program costs and maximize diversion.		X						
2. Continue and expand coordination with other agencies for organics programs.	X							
3. Evaluate residential and commercial food waste collection and processing options to meet recycling and diversion targets.		X						

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4. Encourage the private sector to establish additional processing capacity to process organic feedstocks.	X							
5. Expand implementation of the school, institutional and commercial food waste recovery programs.	X							
6. Work with state agencies to develop a waste management plan for disposing of large amounts of animal carcasses in the event of a disease outbreak or disaster.		X						
Chapter 14 – Special Wastes								
1. Continue to allow the private sector to be the primary provider of collection, transportation and disposal services for medical wastes.	X							
2. Continue to support the legal private sector haulers to be the primary provider of services for the collection, processing and recycling of white goods, bulky wastes, vehicle hulks, tires, petroleum-contaminated soils, ash and other special waste as defined by the Special Waste Management Plan in Appendix K.	X							
3. Utilize the process described in the Special Waste Management Plan to determine if materials should be handled as special waste or not.	X							
4. Develop a system plan for handling disaster debris.		X						
5. Work with state regulatory agencies to develop a waste management plan for proper disposal of animal carcasses in the event of disease outbreak or disaster.		X						

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6. The county and cities should update their ordinances to regulate on site burial of Solid Waste; and prohibit on site burial of Moderate Risk Waste, Hazardous Waste, Biomedical Waste, or certain Special Waste on residential, commercial, industrial or agricultural property.		X						
7. No new Special Waste landfills are to be located in the County – rely on recycling and out-of-county disposal.		X						
8. As viable regional technologies and markets evolve for recovery of tires or other special wastes, review and evaluate local policies that would support economic recovery over landfill disposal.				X				
<i>Chapter 15 – Waste Monitoring and Performance Measurement</i>								
1. The County will continue to monitor through its environmental management system, waste reduction and recycling diversion program effectiveness on an annual basis to evaluate program successes and determine where extra effort or program changes are needed.	X							
2. The County will continue to work with Columbia Resource Company and Waste Connections Inc. to improve garbage and recycling data management and tracking.	X							
3. The County will continue to conduct waste characterization studies at the transfer stations per CRC contract to monitor the impact of waste reduction and recycling programs and to identify potential changes to the solid waste program, and to gather self-haul data.	X							
4. The County will maintain and regularly update a master electronic Solid Waste data report. (See Appendix J)	X							
<i>Chapter 16 - Enforcement</i>								

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1. Continue to support the WUTC in active enforcement of its exclusive garbage hauling franchises; one option is through the WUTC delegating some authority to local authorities.	X							
2. Continue to participate in the Washington Department of Ecology processes that update state regulations.	X							
3. Develop educational strategies for the building and business communities, as well as the general public, which explain recycling; exclusive and non-exclusive loads; and self-hauling regulations. A list of authorized haulers and recyclers should be developed in conjunction with the County's proposed registration program of recycling haulers (Chapter 7).			X					
4. County and cities should develop and implement ordinances to allow enforcement of existing city, county and state regulations through fines and penalties.		X						
5. Develop and distribute educational information that describes the role of the various agencies regarding enforcement activities, roles and contacts in Clark County and its cities.		X						
6. Continue to hold workshops for businesses to be aware of handling and disposal requirements related to moderate risk waste and special wastes.	X							
7. The County and cities should update their ordinances to regulate on site burial of Solid Waste; and prohibit on site burial of Moderate Risk Waste, Hazardous Waste, Biomedical Waste or certain Special Wastes on residential, commercial, industrial or agricultural property.		X						
8. Adopt an ordinance expanding enforcement provisions for unsecured loads of transported waste (See Chapter 7, Waste Recycling).		X						

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9. Develop a County program for registering commercial recycling haulers which will be consistent and coordinated with the cities' and state's registration programs (See Chapter 7).			X					
10. Update the County's ordinances regarding directing waste to designated disposal sites in the County's regional solid waste management system.		X						
11. Work with state regulatory agencies to develop a waste management plan for proper disposal of animal carcasses in the event of disease outbreak or disaster. (See Chapter 14, Special Wastes)		X						
Chapter 17 – Funding and Financing								
1. Clark County will fund new and expanded waste reduction and recycling programs from existing funding structures.	X							
2. Clark County will continue to rely on the private sector to fund and finance large capital improvement projects.	X							
3. Clark County will investigate and pursue federal and state grants and loans.	X							
4. Clark County will explore funding options to ensure that funding of required solid waste, waste prevention and recycling roles continues.	X							
5. Clark County will develop a Solid Waste Fund Policy to provide guidance regarding the uses of the Solid Waste Enterprise Fund.		X						

** Project schedule for the fourth transfer station (land acquisition, construction and capital acquisition) will be developed upon recommendations from the feasibility study*