










Chapter 19

IMPLEMENTATION

Table 19-1 below identifies the timeframes for implementing the recommendations from the Chapters in this Plan. Work on many of the recommendations is on an “on-going” basis; some of the work is identified for specific years; and some work is on-going with an emphasis during specific years.

Table 19-1 Proposed Implementation Schedule

Chapter Recommendations	Implementation Timeframe					
	Continuing from previous plans *	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
* Key:  Similar language from plan ✓ Identical language from plan						
Chapter 2 – Administration						
1. Maintain a Regional Solid Waste System through Interlocal Agreements to formalize roles, make recommendations of such matters as: contracts; budgets; public education; outreach and marketing; resource sharing; system analysis and improvements. (2-2)	 2-5		X	X	X	X
2. Coordinate with other agencies for educational and technical assistance programs. (2-3)	 2-10		X	X	X	
3. 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. (1-3)	 2-11		X	X	X	
Chapter 3 - Sustainable Materials Management						
1. Continue to pursue and develop product stewardship programs, in coordination with other public and private entities. (3-5)		★	X	X	X	
2. Integrate the Solid Waste Program to include other environmental issues, such as source control, that has an impact on, and is significantly affected by, solid waste. (3-3)	 2-8		X	X	X	
3. Lobby state and federal governments to pass legislation that requires waste prevention and product stewardship: including packaging reduction and improvements. (3-5)	 3-6		X	X	X	
Chapter 4 - Waste Prevention and Reduction						
1. Provide regional waste prevention and reduction education and promotion programs for residential, institutional and commercial generators of waste.(4-2)	 4-1		X	X	X	
2. Provide yard debris and chemical reduction programs such as natural gardening and home composting. (4-3)	4-4 ✓		X	X	X	
3. Utilize partnerships with other regulatory agencies and representatives of the business community to increase the visibility and accessibility of commercial assistance programs and the Green Business program. (4-3)	 4-11		X	X	X	
4. Place emphasis on commercial waste reduction through the Green Business program. (4-3)	 4-12		X	X	X	
5. Investigate the potential for providing financial incentives to encourage waste reduction among ratepayers. (4-2)	4-13 ✓			X		

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Chapter Recommendations	Implementation Timeframe					
<p>* Key:</p> <p>○ Similar language from plan ✓ Identical language from plan</p>	Continuing from previous plans *	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
Chapter 5 - Education & Promotion						
1. Meet regulatory requirements by providing waste management education and outreach programs with an emphasis on waste prevention. (5-1)		★	X	X	X	
2. Build partnerships with agency partners, the service providers, businesses and non-government organizations on education and outreach activities. (5-7)		★	X	X	X	
3. Focus educational activities through using effective marketing strategies and public involvement and outreach plans. Provide performance measures and regular evaluations that relate to desired outcomes for each program in achieving program goals and objectives in conjunction with County's budget cycle. (5-3 to 5-6)		★	X	X	X	
4. Promote and support the three core programs: Green Schools, Green Business, and Green Neighbors. (5-8)		★	X	X	X	
5. Enhance presence on the internet with web, Facebook and Twitter sites. (5-8)		★	X	X	X	
6. Implement residential educational programs and activities to support proper curbside recycling and to increase participation and recovery. (5-1)		★	X	X	X	
7. Increase education and outreach information to be more accessible to diverse populations. (5-7)		★	X	X	X	
Chapter 6 - Waste Diversion						
1. Periodically evaluate the range of recyclables handled by the recycling collection program to determine whether materials should be added or dropped. (6-3)	6-2 ✓				X	
2. Encourage non-residential recycling through incentives, technical assistance, pilot programs, and recognition programs. (6-4)		★		X		
Chapter 7 - Waste Collection						
1. 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. (7-2)	7-2 ✓				X	
2. Support and investigate state legislative efforts to provide counties with the same options for management of waste collection that cities have to gain greater local control of recycling strategies. (7-3)	○7-3				X	
3. Develop a program for registering commercial recycling haulers and tracking tonnage data in the unincorporated areas. (7-8)	7-4 ✓			X		
4. Identify strategies for working with the Washington Utilities and Transportation Commission (WUTC) and WUTC-certificated haulers to develop rate structures that support and encourage waste reduction and recycling. (7-6)	○7-1				X	




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Chapter Recommendations	Implementation Timeframe					
<p>* Key:</p> <p>○ Similar language from plan ✓ Identical language from plan</p>	Continuing from previous plans *	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
Chapter 8 – Waste Transfer and Material Recovery System						
1. Evaluate the future needs of the north county area. This analysis should consider population and economic growth and the potential to increase the number of residents taking advantage of scheduled collection services as well as an evaluation for upgrading CTR to address near-term and future traffic concerns. Any future facility would be sited in accordance with the guidelines and criteria listed in Appendix M. (8-5 to 8-7)	8-1		X			
2. Explore the option to purchase the CRC waste transfer system facilities by contract option date of 2020 with ownership in 2027. (8-1)	8-2			X	X	
3. Environmental Management Systems (EMS) program should be required, when appropriate, in contracts (also applies to collection contracts) (4-5)	7-4					X
Chapter 9 - Energy Recovery and Incineration						
1. Continue the established energy recovery program for wood waste, monitoring the volume being diverted from landfill disposal. (9-1)	9-1		X	X	X	
2. Stay informed about developments in the energy recovery field and look into opportunities that meet regional needs. (9-4)		★				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 as the primary disposal sites for Clark County waste for the duration of the current disposal contract, but consider alternative disposal options when planning begins for the next contract (2020). (10-2)	10-1 ✓		X	X	X	X
2. No new MSW landfills are to be sited in Clark County. This limitation is due to the Sole Source Aquifer designation of the underlying Troutdale Aquifer. (M-2)	10-2		X	X	X	X
3. Evaluate a regional approach to managing the transfer, transportation and disposal of MSW including the formation of a Disposal District. (17-1)	10-3 ✓				X	
Chapter 11 - Moderate Risk Waste Plan						
1. Provide MRW Collections (curbside collections, home collections, satellite collection events and at permanent collection facilities). (11-4 to 11-6)	11-1 ✓		X	X	X	
2. Promote and support diversion of prescription controlled and non-controlled substances (e.g. prescription drugs whose possession and use are regulated by the Drug Enforcement Agency (DEA)). (11-5)		★	X	X	X	
3. 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 are already prohibited from disposal at the transfer stations by CRC. Disposal of electronics (CTR's, televisions, CPUs) are prohibited to transfer to Oregon landfills. (11-2)	11-2				X	






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


Chapter Recommendations	Implementation Timeframe					
<p>* Key:</p> <p>○ Similar language from plan ✓ Identical language from plan</p>	Continuing from previous plans	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
Chapter 11 - Moderate Risk Waste Plan (continued)						
4. Provide education to businesses to reduce their use of hazardous or toxic materials with a priority on education for Small Quantity Generators (SQGs). (11-9)	11-2 ○		X	X	X	
5. Collaborate and partner with the service providers, non-governmental agencies and organizations to develop and/or implement technical assistance, toxic reduction, education and promotion activities. (11-9)	11-2 ○		X	X	X	
6. Develop and continue to provide programs that emphasize the waste hierarchy (waste prevention/reuse/recycling/recovery) (e.g. e-waste, paint, new hazardous materials, batteries from electric vehicles and industrial waste exchange). (11-5; 11-7)	11-2 ○		X	X	X	
7. Source Control visits to provide information to businesses that protects human health and the environment. (11-10)		★	X	X	X	
Chapter 12 - Construction & Demolition - Wastes to Resources						
1. Continue public and private sector education programs designed to encourage C&D waste reduction and recycling. (12-6)	12-1 ✓		X	X	X	
2. Expand C&D waste recycling and reuse opportunities at West Van and other sites as demand allows. (12-7)	12-2 ✓		X	X	X	X
3. Use the (building and demolition) permitting process to promote recycling opportunities, deconstruction, and proper disposal options. (12-5)	12-3 ✓		X	X	X	
4. Continue regular dialogue to facilitate new recycling opportunities for the C&D waste stream within the County to ensure convenient and cost-effective disposal alternatives. (12-7 to 12-8)	12-4 ○				X	X
5. Rely on recycling and the export of residual wastes to a county designated facility to handle C&D generated in the County; in recognition that Clark County's Troutdale Aquifer is designated as a sole source aquifer; no new C&D landfills should be sited in the County. (12-7)		★	X	X	X	
6. Continue to provide both source-separated and post-collection recycling opportunities for C&D wastes at the CRC transfer stations. (12-6)	12-6 ○		X	X	X	X
7. Provide clear information to the public on regulations for hauling C&D waste. (12-4)		★		X		
8. Partner with the public and private sectors to develop materials for diverted / recovered materials from the C & D stream. (12-7)		★		X		

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Chapter Recommendations	Implementation Timeframe					
<p>* Key:</p> <p> <i>Similar language from plan</i>  <i>Identical language from plan</i></p>	Continuing from previous plans	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
Chapter 13 - Organic Wastes						
1. As processing capacity allows, expand and maintain food waste collection program at schools and businesses; assist with setup and on-going training and education needs.(13-4)		★	X	X	X	
2. Conduct a study to determine the feasibility of a residential mixed organics collection program. (13-3)		★		X		
3. Work with partner agencies to increase food donations. (13-4)		★		X		
4. Focused outreach to residents and businesses on practices to reduce the volumes of food waste generated. (13-4)		★	X	X		
5. Evaluate existing organic materials processing capacity and determine if sufficient capacity exists to process organic materials generated in Clark County over the 20 year planning horizon. (13-5)		★	X	X	X	
6. Consider a landfill ban on yard waste and/or food waste conditional on processing capacity and/or failure to reach diversion goal. (13-5)		★			X	
Chapter 14 - Special Wastes						
1. 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	X	X	
2. Utilize the process described in the Special Waste Management Plan to determine if materials should be handled as special waste or not. (14-1)	✓		X	X	X	
3. Develop a system plan for handling disaster debris.(14-12)	✓				X	X
4. 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. (14-11)	✓				X	
5. No new Special Waste landfills are to be located in the County (due to the sole source aquifer) – rely on recycling and out-of-county disposal. (M-2)			X	X	X	X
6. 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. (14-7)		★		X		
Chapter 15 - Waste Monitoring and Performance Management						
1. Track program data for goals and objectives to measure against established baselines to evaluate performance. (15-4; 15-5)	✓		X	X	X	
2. Work with Columbia Resource Company and Waste Connections Inc. to improve garbage and recycling data management and tracking. (15-4)	✓		X	X	X	
3. Conduct waste characterization studies at the transfer stations 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. (15-5)	✓		X		X	
4. Maintain and regularly update a master electronic Solid Waste data report. (See Appendix J).			X	X	X	

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Chapter Recommendations	Implementation Timeframe					
	Continuing from previous plans	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
<p>* Key:</p> <p> Similar language from plan  Identical language from plan</p>						
Chapter 16 - Enforcement						
1. Support the WUTC in active enforcement of its garbage hauling franchises; one option is through the WUTC delegating some authority to local authorities. (16-4)	16-1 ✓				X	
2. Participate in the Washington Department of Ecology processes that update state regulations. (16-4)	16-2 ✓		X	X	X	
3. Develop educational strategies for the building and business communities, as well as the general public, which explain recycling; franchise hauling rights; 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. (16-4, 16-5)	16-3 ✓			X		
4. County and cities should develop and implement ordinances to allow enforcement of existing city, county and state regulations through progressive enforcement mechanisms. (16-6)	 16-4				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 cities. (16-3; 16-4)	16-5 ✓			X		
6. The County and cities should update their ordinances to regulate on site burial of Solid Waste, including residential, commercial, industrial and agricultural waste. (16-6)	16-7 ✓		X			
7. Adopt an ordinance expanding enforcement provisions for unsecured loads of transported waste through the Clark County Sheriff's Office. (16-6)	 16-8				X	
8. Update the County's ordinances regarding directing waste to designated disposal sites in the County's regional solid waste management system. (16-4)	 16-10 ✓		X			

Chapter 17 - Funding and Financing						
1. Continue to fund its existing programs from funding currently in place for regional system support, including the Coordinated Prevention Grant from the Department of Ecology. (17-2)		★	X	X	X	
2. Continue to rely on the private sector to fund and finance large capital improvement projects for the regional solid waste system. (17-1)	 17-2			X	X	X
3. Investigate and pursue federal and state grants that are appropriate to plan goals and desired outcomes. (17-4)	 17-3		X	X	X	
4. Evaluate funding options to ensure that funding of required solid waste, waste prevention and recycling roles continue such as collection and disposal districts, new revenue, generating authorities, and contract revisions for disposal and collection services. (17-1)	 17-4				X	X
5. Clark County is designated as the lead agency for regional CPG planning and implementation grant applications and will provide appropriate documentation with each application confirming full partner support. (17-4)		★	X	X	X	X
6. Establish and implement an ongoing process, involving the Regional Solid Waste System Steering Committee to provide regional partners with a role in relation to regional program funding and expenditure decisions. (2-6)		★	X	X	X	X

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	Continuing from previous plans	New Recommendations	2015 - 16	2017 - 18	2019 - 20	Out years 2021 - 35
<p>* Key:</p> <p>○ Similar language from plan ✓ Identical language from plan</p>						
Chapter 18 - Waste to Wealth: Economic Development (continued)						
1. Convene a task group with other government departments and other regional agencies to focus on developing green manufacturing jobs; and eco-business parks related to the solid waste industry. This will include various planning incentives such as enterprise zones. SWAC will play an active role in this planning, review and implementation. (18-5; 18-6)		★	X			
2. Conduct feasibility study(s), including a cost/benefit analysis, for a County compost facility to allow recovery of food waste (in addition to yard debris) from the waste stream. If feasible, continue with planning and implementation. (18-5)		★	X			
3. Prepare a master plan focusing on redevelopment and potential job creation potential of the Leichner Landfill Campus. (18-6)		★	X			
4. Evaluate the Fleischer property to determine if it is economically feasible to remediate the property and include it in the overall Leichner Master Plan Area. (18-6)		★	X			
5. Develop a funding and financing plan to determine if it is economically feasible for the County to acquire and remediate the Fleischer property utilizing County funds and WDOE grants. (18-6)		★	X	X		
6. Implement a pilot program at a transfer station that will recover "household" reusable items. Explore partnership with non-profit organizations. (18-4)		★	X			
7. Track expanded and new market opportunities. (18-8)		★	X	X	X	

End of Chapter 19