

Draft 2009 Comprehensive Solid Waste Management Plan

City of Kirkland Solid Waste Division
King County Solid Waste Division

City Council Briefing – January 19, 2010



Goals and Targets 101

Waste Prevention Goal:

Waste Generation Rates to be Achieved by 2020 (tons of material disposed + tons recycled):

Sector	Population	Plan Goal	Kirkland 2009	Kirkland Grade
Single Family (SF)	28,823	None	23.2 lbs/person/week	<i>B</i>
Multifamily (MF)	20,177	None	19.8 lbs/person/week	<i>A</i>
SF/MF Combined	49,000*	<20.4 lbs/person/week	21.8 lbs/person/week	<i>B+</i>
Per Employee	32,717	<58 lbs/employee/week	18 lbs/employee/week**	<i>A</i>

*2009 Puget Sound Regional Council (PRSC) Published Data

** Excludes recycling tonnage not reported by independent recycling haulers



Goals and Targets 101

Waste Disposal Goal:

Waste Disposal Rates to be Achieved by 2020 (Landfilled Material – Garbage Only)

Sector	Population	Plan Goal	Kirkland 2009	Kirkland Grade
Single Family (SF)	28,823	None	7.1 lbs/person/week	A
Multifamily (MF)	20,177	None	16.6 lbs/person/week	B-
SF/MF Combined	49,000*	<14.2 lbs/person/week	11.1 lbs/person/week	A
Per Employee	32,717	<22.9 lbs/employee/week	14.5 lbs/employee/week	A

*2009 Puget Sound Regional Council (PRSC) Published Data



Goals and Targets 101

Recycling Goal				
Combined Percentage of Recyclable Material Diverted From Landfill by All Cities				
Sector	Population	Plan Goal	Kirkland 2009	Kirkland Grade
Single Family (SF)	28,823	None	69.1%	<i>A</i>
Multifamily (MF)	20,177	None	16.6%	<i>C</i>
Commercial	32,717	None	19.1%*	<i>Incomplete</i>
Combined	81,717	>55% by 2015 >70% by 2020	38.5%*	<i>Incomplete</i>
*No data from independent recycling hauler or self-hauler data is reported to City. Overall Kirkland diversion rate is substantially higher but currently incalculable.				



Goals and Targets 101

Single Family Curbside Recycling Diversion Rate Target:

Recycling Diversion Rate to be Achieved by 2015 (% of Recyclable Material (excluding food & yard waste) Diverted From Landfill)

Sector	Population	Plan Goal	Kirkland 2009	Kirkland Grade
Single Family (SF)	28,823	>45%	45.4%	A



Collection Standards 2015

Single Family Minimum Collection Standards by 2015:

	Garbage	Recyclables	Organics	Pass	Fail	Teacher's Comments
Required Materials for Collection	Mixed solid waste	Paper, cardboard, Plastics bottles, tubs, jugs, tin/alum cans, Glass bottles/jars, Aseptic packaging, Small scrap metal Shredded paper	Yard debris, food scraps, food-soiled paper, shredded paper	X		
Container Type	Wheeled carts	Wheeled carts	Wheeled Carts	X		
Container Size	Variable	60+ gal/weekly 90 +/bi-weekly	60+ gal/weekly 90 +/bi-weekly	X		
Freq of Collection	Every other week	Weekly or EOW	Weekly or EOW		X	<i>Will consider in next contract.</i>
Fee Structure	Linear	Embedded	Embedded	X		



Collection Standards 201

Multifamily Minimum Collection Standards by 2015:

	Garbage	Recyclables	Organics	Pass	Fail	Teacher's Comments
Required Materials for Collection	Mixed solid waste	Paper, cardboard, Plastics bottles, tubs, jugs, tin/alum cans, glass bottles/jars, Aseptic packaging. Small scrap metal Shredded Paper	Yard debris, shredded paper Optional: Food scraps, food-soiled paper	X		<i>New multifamily food scrap recycling program started Nov 2009</i>
Container Type	Wheeled carts or dumpsters	Wheeled carts or dumpsters	Wheeled Carts or dumpsters	X		
Container Size	Variable	Recycling volume at least 150% size of garbage service	60+ gal/weekly 90 +/-bi-weekly	X		
Freq of Collection	Weekly or more	Weekly or EOW	Weekly or EOW	X		
Fee Structure	Linear	Embedded	Available for extra fee	X		





Extra Credit

REPORT CARD

Recommended Multifamily Recycling Program Components:

Plan Recommendation	Kirkland Program Highlights	Exceeds	Meets	Does not meet
Clarify and Strengthen Building Code Requirements	Adopted PW standard plan requirements in 2009		X	
Provide Manager and Maintenance Staff Education	Newsletters, education and outreach, presentations, free materials		X	
Provide On-going Recycling Education for Residents	Newsletters, free recycling bags and educational materials		X	
Involve Collection Companies to Assist With Service Improvements and Education	WM assisted with outreach to MF managers/HOAs, recycling upgrades.		X	
Provide Financial Incentives	Linear rates and embedded recycling, free food scrap recycling, assist upsizing recycling/downsizing garbage to save money	X		



Adoption Timeline

Date	Milestone
Dec 17, 2009	City of Kirkland Public Comment Meeting - DONE
Jan 19, 2009	KCSWD Plan Briefing to Kirkland City Council - DONE
Feb 4, 2010	End of 120 Day Public Comment Period
Feb/Mar, 2010 (est)	KCSWD Revises Draft to Incorporate Public Comments
Apr-July, 2010 (est)	Dept of Ecology Review (up to 120 days)
Aug, 2010 (est)	KCSWD Revises Draft to Incorporate DOE Comments
Late Summer 2010 (est)	City Adoption Process – 120 Day Period
Fall 2010 (est)	RPC/KCC Adoption Process
Early 2011 (est)	Final Draft to DOE
2011 (est)	Ecology Approval Period – 45 days after final draft submittal



How to Comment

Comments accepted until Feb 4, 2010

- Public Comment Forms
- Email: CSWMP.comments@kingcounty.gov
- Web: <http://kingcounty.gov/solidwaste/contacts/comment-form.asp>
- Letter:

2009 Draft Solid Waste Plan Comments

King County Solid Waste Division

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Questions?

