



KING COUNTY

1200 King County Courthouse
516 Third Avenue
Seattle, WA 98104

Signature Report

November 14, 2018

Motion 15251

Proposed No. 2018-0453.1

Sponsors Dembowski

1 A MOTION acknowledging receipt of a report providing
2 historical data on the amount of residual material from
3 material recovery facilities disposed of at the Cedar Hills
4 regional landfill as required by the 2017-2018 Biennial
5 Budget Ordinance, Ordinance 18409, Section 107, as
6 amended by Ordinance 18766, Section 47, Proviso P8.

7 WHEREAS, the King County council in adopting the 2017-2018 Biennial Budget
8 Ordinance, Ordinance 18409, Section 107, as amended by Ordinance 18766, Section 47,
9 Proviso P8, directs the executive to transmit, by September 14, 2018, a report providing
10 historical data on the amount of residual material from material recovery facilities
11 disposed of at the Cedar Hills regional landfill, and

12 WHEREAS, the report is submitted by the department of natural resources and
13 parks, to fulfill this requirement;

14 NOW, THEREFORE, BE IT MOVED by the Council of King County:

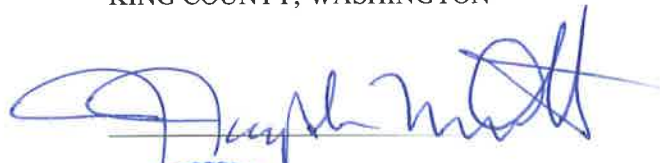
15 The receipt of the report providing historical data on the amount of residual
16 material from material recovery facilities disposed of at the Cedar Hills regional landfill,

17 Attachment A to this motion, as required by Ordinance 18766, Section 47, Proviso P8, is
18 hereby acknowledged.
19

Motion 15251 was introduced on 10/15/2018 and passed by the Metropolitan King
County Council on 11/13/2018, by the following vote:

Yes: 9 - Mr. von Reichbauer, Mr. Gossett, Ms. Lambert, Mr. Dunn,
Mr. McDermott, Mr. Dembowski, Mr. Upthegrove, Ms. Kohl-Welles
and Ms. Balducci
No: 0
Excused: 0

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON



J. Joseph McDermott, Chair

ATTEST:



Melani Pedroza, Clerk of the Council



Attachments: A. Residual Material Report

Residual Material Report

Prepared in accordance with the
2017-2018 Biennial Budget Ordinance, Ordinance 18409, Section 107, as amended by
Ordinance 18766, Section 47, Proviso P8

September 2018



King County

Department of Natural Resources and Parks
Solid Waste Division

Table of Contents

Introduction	1
Executive Summary	1
Report Requirements	1
How the Solid Waste Division Receives Residual Material Information	1
Annual Tons of Residual Material Disposed of at Cedar Hills Regional Landfill	2
Explanation of Any Trends in the Provided Data	3
Conclusion and Next Steps	3

Introduction

King County Ordinance 18409, Section 107, as amended by Ordinance 18766, Section 47, Proviso P8 requires the King County Executive to transmit a report to the Council providing historical data on the amount of residual material from material recovery facilities (MRFs) disposed of at the Cedar Hills regional landfill.

Specifically, the Ordinance requires the report to:

- Provide a description of how the Solid Waste Division (division) receives information about the amount of residual material from material recovery facilities disposed of at the Cedar Hills regional landfill.
- Provide a table with the annual tons of residual material from material recovery facilities (MRF) disposed of at the Cedar Hills regional landfill each year for the last ten years. The table shall include a partial-year figure for 2018 if data is available or alternatively note when the 2018 data will become available. If any of the data is requested by this proviso is not available, the report must describe the specific data that is unavailable and provide an explanation.
- Provide an explanation of any trends in the provided data.

This report addresses each requirement under a separate heading that corresponds to the particular requirement.

Executive Summary

The amount of residual material disposed of, after a MRF processes the collected recyclable materials, is reported to the Washington State Department of Ecology (Ecology) by the private companies operating four facilities receiving materials collected in King County. The division is reliant upon Ecology for this data about MRF residual material volumes and their disposal. Only one facility, Cascade Recycling Center, provided Ecology with information that identified the Cedar Hills regional landfill as one of the landfills used for disposal. Division financial records show that about 85,000 tons of residual materials from the Cascade Recycling Center were disposed at the Cedar Hills regional landfill from 2007 through June 2018. The division will be working with Ecology to seek improvements in the data and reporting compliance from the MRFs.

Report Requirements

How the Solid Waste Division Receives Residual Material Information

King County's regional solid waste system is supported by four recycling facilities that process the collected recycling materials under the regulatory oversight of Ecology. These privately managed companies are Cascadia Recycling Center (Woodinville), JMK Fibers (Tacoma), Recology CleanScapes Material Recovery Center (Seattle) and Rabanco Recycling Transfer Station (Seattle). In accordance with WAC 173-350-310, they are required to submit an annual report to Ecology that should include the name and address of the facility, the year covered by the report, annual tons of each type of

material handled, destination of waste transported from the facility for processing or disposal, and any other information required by their permit. The Ecology reports are available to King County only upon request. In support of developing this report, the division obtained copies of the annual reports from each of these companies. Only the Cascade Recycling Center Annual Report identified the Cedar Hills regional landfill as one of the landfills used for residual material disposal. The division's financial records were then used to determine the tons received at Cedar Hills regional landfill from the Cascade Recycling Center.

Annual Tons of Residual Material Disposed of at Cedar Hills Regional Landfill

Year	Tons of Residual Material Disposed of at Cedar Hills			
	Cascade Recycling Center	JMK Fibers	Recology CleanScapes Material Recovery Facility	Rabanco Recycling Transfer Station
2007	13,123	Not Available		
2008	5,853			
2009	5,192			
2010	5,616			
2011	5,654			
2012	6,246			
2013	6,374			
2014	5,130			
2015	5,326			
2016	8,171			
2017	11,149			
2018 (as of June)	7,200			
Total	85,034			

The Cascade Recycling Center was the only facility that identified Cedar Hills regional landfill as one of the locations where residuals were sent. The other three MRFs either listed a different landfill or none at all. Division financial records were used to determine the actual tons received from the Cascade Recycling Center, as this is the only MRF that has an account with the Division, and this information is listed above.

Explanation of Any Trends in the Provided Data

Anecdotally, the residual material disposed of at Cedar Hills regional landfill from Cascade Recycling Center aligns with our own tonnage experience before, during and after the 2008 recession. There is insufficient data on the total amount of residual materials from MRFs sent to Cedar Hills regional landfill to offer an explanation on trends. In addition to not having data on where the residual material was sent, we do not collect nor have access to information for each MRF on changes in the number of customers served, geographic boundaries, recovery facility technology improvements, and customer recycling changes. To be able to explain trends we would need to have more information than is available from Ecology's data, and the division's financial data.

Conclusion and Next Steps

Between 2007 and 2018, Cascadia Recycling Center sent an average of 7,400 tons of residual material to Cedar Hills for disposal annually. Data is not currently available regarding the other three companies who process recycled tonnage from the King County Solid Waste system. The division is reliant upon Ecology for data about MRF residual material volumes and their disposal. Given the lack of available data, the division will be working with Ecology to improve data/reporting compliance from the MRFs.