



A Public Agency

NEW BUSINESS



A Public Agency

STAFF REPORT

To: SBWMA Board Members
From: Hilary Gans, Facility Operations Contract Manager
Date: October 23, 2014 Board of Directors Meeting
Subject: Resolution Approving Organics Processing Agreements with Browning-Ferris of California, Inc.; Recology-Grover Environmental Products; and Harvest Power California, LLC

Recommendation

It is recommended that the SBWMA Board of Directors approve Resolution No. 2014-25 attached hereto authorizing the following action:

- Authorize the Executive Director to execute the attached Agreements for Organic Materials Processing Services with: Browning-Ferris of California, Inc.; Recology-Grover Environmental Products; Harvest Power California, LLC.

The actual Agreements can be found in [Exhibit A](#) (See the 3 agreements linked separately).

Analysis

Organic materials are collected in the service area by Recology and delivered to the Shoreway Environmental Center, materials are then loaded into transfer trailers and transported by South Bay Recycling (SBR) to two compost facilities; these facilities are the Newby Island (Browning-Ferris Industries of California Inc.) composting facility in San Jose and the Recology-Grover compost facility outside of Tracy. The contracts for composting services at both of these locations will expire on December 31, 2014. Staff has evaluated options for future organics materials processing services and has negotiated agreements for composting services utilizing these two existing facilities and a new compost facility, Harvest Power located in Lathrop.

In general, the lack of compost facilities and the difficulty of permitting new facilities have led to a shortage of composters to handle the organics generated by Bay Area cities. Staff has surveyed the market conditions for compost services and found that there has been little change in composting capacity in Northern California except for a small 20-acre compost facility that was acquired by Harvest Power in Lathrop. Given the market conditions and that vendor options have changed little since the SBWMA conducted an extensive RFP process between 2008 and 2010, staff has pursued a strategy of negotiating with the current service providers (Newby and Grover) and Harvest Power.

Proposed Organic Material Processing Service Agreements

Given the JPA's large volume of organic materials and goal to develop the most cost effective solution, staff is recommending to continue with more than one organics processing contractor. Staff is recommending agreements that split the majority of the organic materials between two large and proven composters (Newby and Grover) and has kept open the option of sending organic materials to a third composter (Harvest Power) on a non-committed basis (i.e., no minimum tonnage guarantee).

The term, tonnage commitment, and cost per ton (transportation + tipping fee) for the three composter vendors are presented in **Table 1**. The breakout of transportation costs (paid by the SBWMA to SBR) and tipping fees are captured in **Table 2**. The organic material tonnage for year 2015 is anticipated to be approximately 110,000. In addition to price considerations (both transportation and tipping fee), the tonnage committed to each composter was based on the capacity of the composter to receive the volume of materials from the SBWMA. For example, while Harvest Power is the lowest total cost/ton option, they have limited capacity.

Table 1

<u>Composter</u>	<u>Term of Agreements</u>	<u>2015 Estimated Shipments</u>	<u>Total Transport & Tipping Fee Cost/Ton</u>
Newby	3 years	45,000 tons	\$68.07
Recology	6 years	55,000 tons	\$67.11
Harvest Power	3 years	0 - 10,000 tons	\$55.98

Negotiations with Recology-Grover were also influenced by the terms negotiated with Recology on the recyclable materials tonnage commitments to the Shoreway Environmental Center for tons they collect outside of the SBWMA service area (third-party tons).

The final Agreements included in [Exhibit A](#) have almost identical language except for the unique contract term, tonnage commitment and tipping fee negotiated with each vendor.

Cost Analysis

In evaluating the cost of managing the SBWMA's organics materials it is important to consider the cost of transporting the materials to their processing destinations as well as the tipping fee charged at the compost facility. Staff closely evaluated the cost of transportation to other composters using 2014 transportation rates and determined that the best financial option for the SBWMA was to negotiate with the two incumbent composters.

Negotiations were initiated with Newby, Recology-Grover, and Harvest in early 2014. The final tipping fees shown in **Table 2** are the tipping rates included in the Organic Materials Processing Agreements ([Exhibit A](#)). Compared to the current 2014 cost for compost service, the proposed agreements with Newby, Grover, and Harvest (based on the tonnage allocation in **Table 1**) provide a 2015 estimated weighted average cost increase of 1.84% or \$1.20 per ton (2014 at \$65.27 vs. 2015 at \$66.47) over 2014 compost service cost.

Newby's compost facility provides the least expensive transportation option but it has a limited capacity and a higher tip fee than the more distant locations of Grover and Harvest. While Grover and Harvest are 50 miles further, they both have a lower cost composting rate that results in a total cost less than Newby's. The amount of material shipped to Grover and Harvest is limited by SBR's truck fleet and the fact that the purchase of additional trucks and trailers (necessary to deliver more material to distant locations) would increase SBR's transportation rate. Additional concerns about potential interruptions to long distances hauls and increases in greenhouse gas emissions were also considered in the evaluation.

Table 2

<u>Composter</u>	<u>Tipping Fee Rate/Ton</u>	<u>Transportation Cost/Ton (paid to SBR)</u>	<u>Total Cost/Ton</u>
Newby	\$49.70	\$18.32	\$68.02
Recology	\$33.82	\$33.29	\$67.11
Harvest Power	\$23.60	\$32.38	\$55.98

Quality of Service Analysis

Throughout the four year term of the current organic material processing agreements, Newby and Grover have provided reliable composting services to the JPA. SBR has been able to transport organics to these facilities without problem and has not had problems turning trucks around quickly at the composting facilities. Harvest Power is a small compost facility that has a capacity to process up to 10,000 tons per year of organics from the SBWMA and the company is contemplating expanding the facility in the future.

Permits: Newby, Grover and Harvest have permits in good standing with the regulatory agencies and are permitted to compost the material types and tons proposed in their respective agreements. All three facilities have a good operating history that is clear of recent regulatory violations.

Product Markets: Newby and Grover operate large composting facilities with well-established markets for compost product. Harvest Power facility is marketing to farmers located in the central valley and has commitments for all the material that they currently make.

Diversion: Newby, Grover and Harvest have cleaning systems minimize the material sent to landfill and are effective at removing contamination from compost product and from woody materials used as biomass fuel.

In analyzing options for material processing, SBWMA Staff also considered the possibility of processing (sorting, grinding and screening) organic materials at the Shoreway transfer station. Equipment designs were discussed with equipment manufacturers and discussions were held with SBR about operating an organics processing plant at the transfer station. In the final analysis, this option was not pursued due to marginal cost savings, limited space within the transfer station, and concerns about potential noise and odor impacts to the facility's neighbors.

Background

The SBWMA generates approximately 110,000 tons per year of source separated compostable materials from residential, multi-family and commercial collection programs. When considered as a percentage of the total SBWMA waste stream, this organic fraction makes up about 26% of the total volume of materials that flows through the Shoreway Environmental Center.

Prior to 2011, Allied was responsible for providing organic materials transportation and composting services at the Newby Island facility. When the agreement between Allied Waste and the SBWMA expired on December 31, 2010, SBR began providing the transfer and transportation services. The Shoreway Facility Operating Agreement between the SBWMA and SBR governs the transfer of organic materials received at the Shoreway Environmental Center and the transportation of these materials to off-site processors.

The SBWMA issued a request for proposals (RFP) on April 2, 2008 for Organic Materials Processing Services. The RFP was sent out to 34 companies and on May 16, 2008 the SBWMA received seven responses. The RFP required proposers to provide pricing for different categories of materials, different volume tiers, and different contamination levels. (The category and volume tiers were requested so that the SBWMA could consider the option of dividing-up the tonnage between one or more processors and the possibility of locking in a portion of the volume into a long-term agreement while making shorter-term arrangements for a portion of the materials). Of the seven proposing companies, six were determined to be compliant with the requirements of the RFP. Of these six companies, the two that provided the lowest overall cost for the SBWMA were Newby and Recology-Grover.

On April 22, 2010, the Board approved four-year agreements with Newby and Recology-Grover for Organic Materials Processing Services that will expire on December 31, 2014. The Organic Materials Processing Service Agreements do not allow organic materials from the Member Agencies to be disposed of or used at a landfill as alternative daily cover (ADC) and there is a compost give-back provision in the agreements whereby compost is provided back to the Member Agencies free of charge.

Fiscal Impact

The cost of organics materials management includes transporting the materials to the composter's locations and paying a per ton processing fee. Compared to the SBWMA's current cost for organic materials handling, the proposed agreements with Newby, Grover, and Harvest (based on the tonnage allocation in **Table 1**) provide an estimated weighted average increase of 1.84% or \$1.20 per ton (2014 at \$65.27 vs. 2015 at \$66.47) over 2014 compost service cost. The new 2015 organic materials processing costs are lower than the 2015 costs in the 2014/5 budget and result in an annual savings from the budgeted costs of approximately \$242,000.

Attachments:

Resolution 2014-25

Exhibit A1* – [Organic Materials Processing Agreement with Browning-Ferris Industries of California Inc.](#)

Exhibit A2* – [Organic Materials Processing Agreement with Recology Grover Environmental Products](#)

Exhibit A3* – [Organic Materials Processing Agreement with Harvest Power California, LLC](#)

*Due to size the attachments can be found via link or at

<http://www.rethinkwaste.org/about/board-of-directors/board-meetings>

RESOLUTION NO. 2014-25

RESOLUTION OF THE SOUTH BAYSIDE WASTE MANAGEMENT AUTHORITY BOARD OF DIRECTORS APPROVING AGREEMENTS FOR ORGANIC MATERIALS PROCESSING SERVICES WITH BROWNING-FERRIS INDUSTRIES OF CALIFORNIA INC., GROVER- RECOLOGY ENVIRONMENTAL PRODUCTS, AND HARVEST POWER CALIFORNIA LLC. INC.

WHEREAS, the South Bayside Waste Management Authority (SBWMA) desires to engage qualified contractors to render processing services at a composting facility for Organic Materials generated from the SBWMA Member Agencies (the Services); and

WHEREAS, the SBWMA has negotiated Agreements with Browning-Ferris Industries of California Inc., Grover-Recology Environmental Products, and Harvest Power California LLC. attached hereto as **Exhibit A**, which will provide the highest quality Services for the SBWMA and its Member Agencies.

NOW, THEREFORE BE IT RESOLVED that the SBWMA Board of Directors hereby authorize that the Agreements with Browning-Ferris Industries of California Inc., Grover-Recology Environmental Products, and Harvest Power California LLC. attached hereto as **Exhibit A** are approved and the Executive Director is authorized to sign the Agreements.

PASSED AND ADOPTED by the Board of Directors of the South Bayside Waste Management Authority, County of San Mateo, State of California on the 23th day of October, 2014, by the following vote:

Agency	Yes	No	Abstain	Absent	Agency	Yes	No	Abstain	Absent
Atherton					Menlo Park				
Belmont					Redwood City				
Burlingame					San Carlos				
East Palo Alto					San Mateo				
Foster City					County of San Mateo				
Hillsborough					West Bay Sanitary Dist.				

I HEREBY CERTIFY that the foregoing Resolution No. 2014-25 was duly and regularly adopted at a regular meeting of the South Bayside Waste Management Authority on October 23, 2014.

ATTEST:

Bill Widmer, Chairperson of SBWMA

Cyndi Urman, Board Secretary



STAFF REPORT

To: SBWMA Board Members
From: Cliff Feldman, Recycling Programs Manager
Date: October 23, 2014 Board of Directors Meeting
Subject: Resolution Approving Amendment Number 3 to Agreement with WM Curbside, LLC to provide Household Hazardous Waste, Universal Waste, Electronic Scrap and Sharps Door-to-Door Collection, Recycling and Disposal Services

Recommendation

It is recommended that the SBWMA Board of Directors approve Resolution No. 2014-26 attached hereto authorizing the following action:

1. Authorize staff to execute Amendment Number 3 (see **Exhibit A**) to extend the Agreement with WM Curbside, LLC to provide household hazardous waste, universal waste, electronic scrap, and sharps door-to-door collection, recycling and disposal services for one-year from January 1, 2015 through December 31, 2015.

All other terms and conditions of the Agreement remain unchanged.

Analysis

The contract with WM Curbside, LLC to provide door-to-door household hazardous waste (HHW) collection services will expire on December 31, 2014. Amendment number 2 to the contract which became effective in November 2009 provides the SBWMA the option to extend the contract up to two additional years, in one year increments.

Extending the contract for one year will allow for this service to be provided uninterrupted to the ten Member Agencies (i.e., Belmont, Burlingame, East Palo Alto, Foster City, Hillsborough, Menlo Park, San Carlos, City of San Mateo, County of San Mateo and West Bay Sanitary District) currently participating. In addition, it will allow for the inclusion of the remaining two Member Agencies (i.e., Atherton and Redwood City) which have not yet subscribed to the service, but whom are expected to do so in 2015.

If the Board chooses to not extend the Agreement, residents will no longer be provided this service as there currently are no other service provider alternatives readily available. In the next six months, staff will initiate efforts to evaluate other future potential service provider options.

Background

On February 26, 2009 the SBWMA Board of Director's authorized staff to negotiate a contract with Curbside Inc. to provide door-to-door collection service of Household Hazardous Waste, Universal Waste, E-Scrap, Sharps and Medicine on behalf of Member Agencies that expressed an interest by April 2, 2009. Initially, seven Member Agencies expressed an interest to participate.

On October 22, 2009, the SBWMA Board of Director's directed staff to execute a three year Agreement with Curbside Inc. (name of the company prior to WM Curbside, LLC) and this contract was executed on November 12, 2009 for service from January 1, 2010 through December 31, 2012. On November 18, 2010, the SBWMA Board approved Resolution No. 2010-36, authorizing the Executive Director to execute an extension to this contract for an additional two years through December

31, 2014 and also provides SBWMA the option to proceed with up to two one year extensions. Resolution No. 2010-36 also provided the company authorization to assign the contract to WM Curbside, LLC.

Fiscal Impact

There is no fiscal impact associated with the recommendation as the cost of the program is a pass-through cost for the SBWMA and thus paid directly by the Member Agencies. The SBWMA FY 2015 budget allocates \$80,000 for public education and outreach for this program, which includes \$25,000 for the roll-out to the last two Member Agencies (i.e., Redwood City and Atherton) to subscribe to the service.

Attachments:

Resolution 2014-26

Exhibit A - Amendment Number 3 to the Agreement with WM Curbside, LLC



RESOLUTION NO. 2014-26

RESOLUTION OF THE SOUTH BAYSIDE WASTE MANAGEMENT AUTHORITY BOARD OF DIRECTORS APPROVING AMENDMENT NUMBER 3 TO EXTEND THE AGREEMENT WITH WM CURBSIDE, LLC TO PROVIDE HOUSEHOLD HAZARDOUS WASTE, UNIVERSAL WASTE, ELECTRONIC SCRAP AND SHARPS DOOR-TO-DOOR COLLECTION, RECYCLING AND DISPOSAL SERVICE FOR ONE-YEAR FROM JANUARY 1, 2015 THROUGH DECEMBER 31, 2015

WHEREAS, the Authority is a joint powers agency organized under the Joint Exercise of Powers Act by cities and other local government agencies in San Mateo County (the "Member Agencies"), each of which oversees the collection of solid waste, organic materials and recyclable materials within its jurisdiction; and

WHEREAS, on October 22, 2009, the SBWMA Board of Directors approved Resolution No. 2009-31 directing staff to execute a three year agreement with Curbside Inc. to provide household hazardous waste, universal waste, electronic scrap, medicine and sharps door-to-door collection, recycling and disposal service; and

WHEREAS, on November 12, 2009, the SBWMA and Curbside Inc. executed an agreement with a term of January 1, 2010 through December 31, 2012; and

WHEREAS, on November 18, 2010, the SBWMA Board of Director's approved Resolution No. 2010-36 authorizing assignment of the contract to WM Curbside, LLC and extending the agreement for two years through December 31, 2014 and potentially four years through December 31, 2016 at the discretion of the SBWMA; and

WHEREAS, currently ten of the twelve SBWMA Member Agencies currently subscribe to the WM Curbside, LLC collection services and the remaining two Member Agencies are scheduled to join the program in early 2015; and,

WHEREAS, the SBWMA is exercising its contractual discretion to extend the agreement with WM Curbside, LLC for one-year, through December 31, 2015; and

NOW, THEREFORE BE IT RESOLVED that the South Bayside Waste Management Authority hereby:

Authorize staff to execute Amendment Number 3 to extend the Agreement with WM Curbside, LLC to provide household hazardous waste, universal waste, electronic scrap, and sharps door-to-door collection, recycling and disposal services for one-year from January 1, 2015 through December 31, 2015.

PASSED AND ADOPTED by the Board of Directors of the South Bayside Waste Management Authority, County of San Mateo, State of California on the this 23th day of October, 2014, by the following vote:

Agency	Yes	No	Abstain	Absent	Agency	Yes	No	Abstain	Absent
Atherton					Menlo Park				
Belmont					Redwood City				
Burlingame					San Carlos				
East Palo Alto					San Mateo				
Foster City					County of San Mateo				
Hillsborough					West Bay Sanitary Dist.				

I HEREBY CERTIFY that the foregoing Resolution No. 2014-26 was duly and regularly adopted at a regular meeting of the South Bayside Waste Management Authority on October 23, 2014.

ATTEST:

 Cyndi Urman, Board Secretary

 Bill Widmer, Chairperson of SBWMA

**AMENDMENT NUMBER 3 TO THE
AGREEMENT WITH WM CURBSIDE, LLC TO PROVIDE HOUSEHOLD
HAZARDOUS WASTE, UNIVERSAL WASTE, ELECTRONIC SCRAP AND SHARPS
AND MEDICINE DOOR-TO-DOOR COLLECTION, RECYCLING AND DISPOSAL
SERVICES AGREEMENT (THE “AGREEMENT”)**

This Amendment Number 3 to the Agreement (this “Amendment”) dated as of January 1, 2015 (“Effective Date”) amends the Agreement dated as of November 11, 2009 by and between South Bayside Waste Management Authority (“Authority”), and WM Curbside, LLC (“Contractor”) (formerly known as Curbside, Inc.), having its principal place of business at 1001 Fannin, Suite 4000, Houston, TX 77002. All capitalized terms not otherwise defined in this Amendment shall have the meaning set forth in the Agreement (as hereinafter defined).

RECITALS

WHEREAS, the Authority desires to continue utilizing the services of Contractor to establish and manage the Authority’s Household Hazardous Waste, Universal Waste, E-Scrap and Sharps Door-to-Door Collection, Recycling and Disposal Program (“Program”).

NOW, THEREFORE, THE PARTIES AGREE TO AMEND THE AGREEMENT BY REPLACING IN ITS ENTIRETY SECTION 3, AS FOLLOWS:

3. TERM AND SCHEDULE

The Term shall be extended for one (1) year commencing on January 1, 2015 and shall continue until December 31, 2015, unless earlier terminated. Contractor shall begin providing service to any Authority member agency within thirty (30) days of authorization by the Authority.

Upon expiration of the Term, the parties may agree to extend this Agreement on a mutually satisfactory term or the Authority can extend this Agreement on the same terms and conditions at its sole discretion for one (1) additional year, upon providing Contractor thirty (30) days written notice.

No Other Changes. Except as expressly provided herein, all of the terms and provisions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the following parties have executed this Amendment Number 3 to take effect as of the Effective Date.

**SOUTH BAYSIDE WASTE
MANAGEMENT AUTHORITY**

WM CURBSIDE, LLC

Name: Kevin McCarthy, Executive Director

(Signature)

Name:

Name:

Title:

Title:



A Public Agency

STAFF REPORT

To: SBWMA Board Members
From: Hilary Gans, Facility Operations Contract Manager
Date: October 23, 2014 Board of Directors Meeting
Subject: Review of Landfill Disposal and Transportation Rates

Recommendation

This staff report is for discussion purposes only and no formal action is requested of the Board of Directors.

Analysis

Staff, with the assistance of Sloan/Vazquez and Associates, completed a rate survey of landfill (disposal) sites and also estimated transportation costs from the Shoreway Environmental Center (Shoreway) to such surveyed sites in Northern California.

Survey Background

There are 13 landfills within 100 miles of the Shoreway facility that could be candidates for receiving solid waste (garbage) from the SBWMA. All of these landfills were contacted and information was requested about the landfill's capacity, the ability and interest in receiving the volume of garbage generated by the SBWMA, volume discounts, and fees and taxes that affect the disposal rate (note that not all regional landfills participated in the disposal rate survey). The annual transportation cost to travel to the each of the landfills was added to the annual disposal cost to create a total cost to the SBWMA for disposal at each alternative landfill. The transportation cost estimates were developed based in part from rates charged by SBR for transportation of other materials to other locations (e.g., organics to the San Jose and the Central Valley).

Survey Results

The disposal rate survey and transportation cost estimates were prepared to analyze two key points:

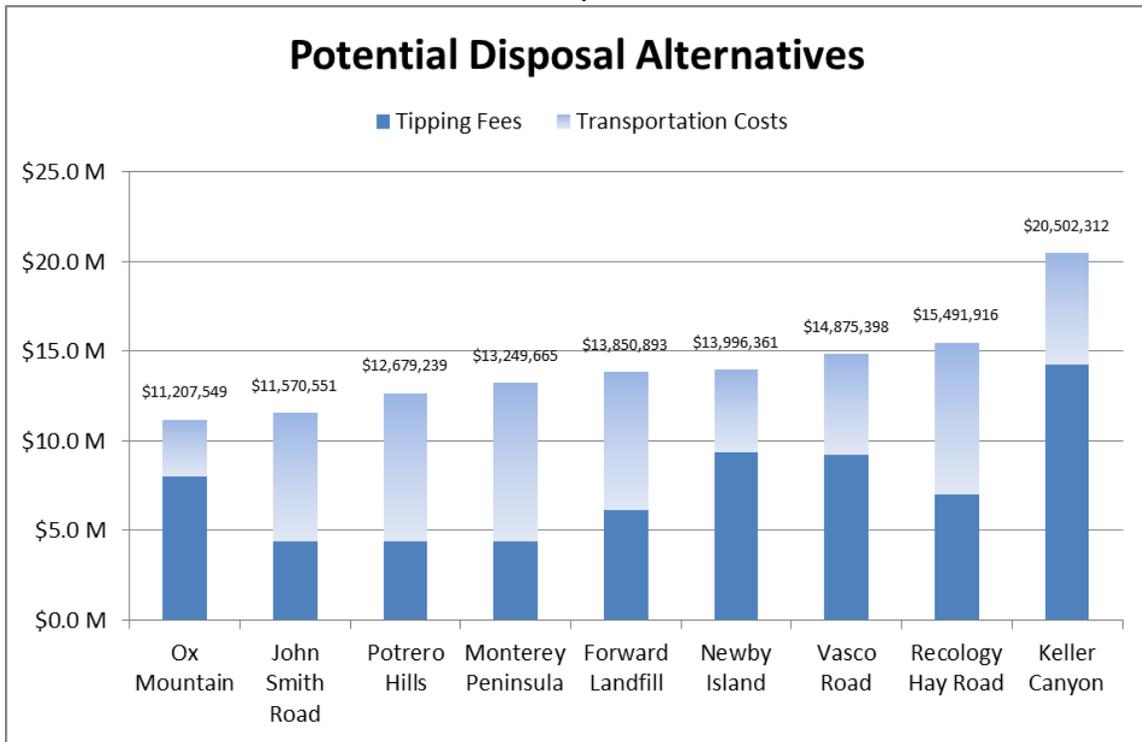
- 1) How competitive is the SBWMA's current disposal rate per ton at Ox Mountain?
- 2) How would the SBWMA's total disposal and transportation cost/ton vary if our solid waste was shipped to an alternative disposal site?

The second point is important because of the Agency's need to plan for the future risk of potential significant tipping fee increases at the expiration of the Ox Mountain disposal contract on 12/31/19. The SBWMA's cost exposure from tipping fee increases at Ox Mountain Landfill through 12/31/19 is limited due to an annual contractually-based rate index set at 80% of CPI, however, it is unclear what the disposal rates will be after the contract expiration.

The survey results reveal that the SBWMA's total disposal cost (tipping fees + transportation costs) is the lowest as compared to all other surveyed landfill facilities (see **Graph 1: Potential Disposal Alternatives** on the next page). While there are landfills with considerably cheaper tipping fees (e.g., John Smith landfill in Hollister, MRWMD landfill in Marina, or Portrero Hills landfill in Suisun City), these facilities are much further away which results in much higher transportation costs from Shoreway (i.e., if the SBWMA shipped garbage to one of the

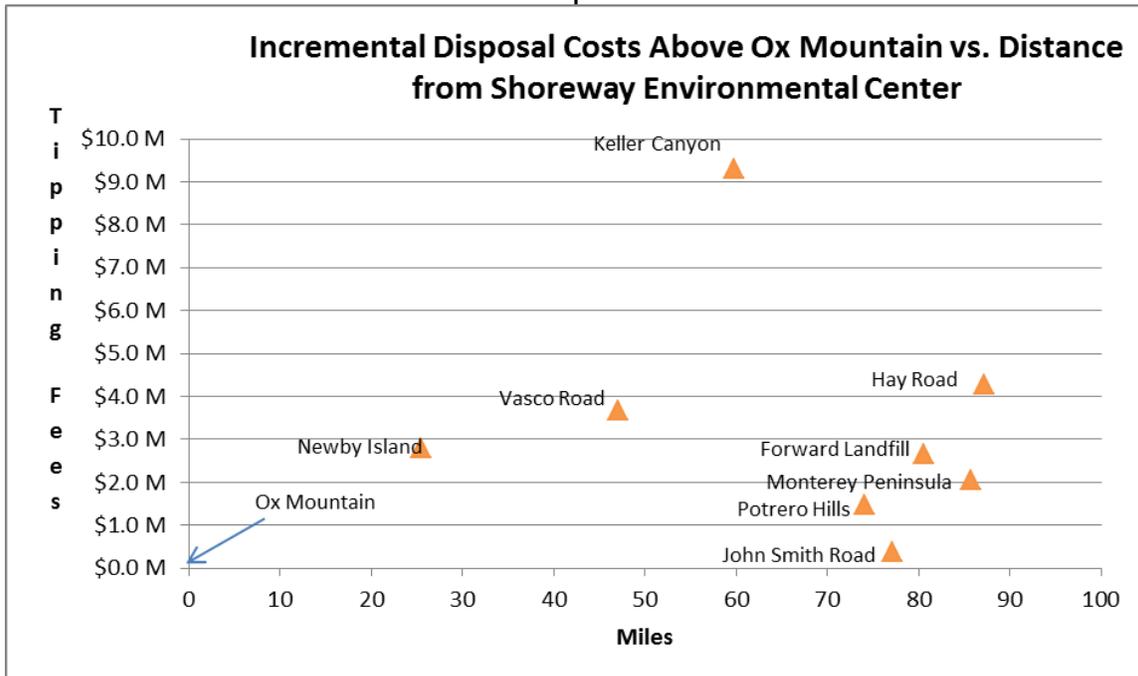
aforementioned landfills with lower tipping fees, the increased cost of transportation would more than offset the tip fee savings).

Graph 1



Analysis of the disposal and transportation costs shows that Ox Mountain provides the lowest disposal cost and that the incremental (premium) cost to dispose of garbage at an alternative landfill would increase the SBWMA's total program cost 3% to 18% above current expenses in 2014 dollars (see **Graph 2: Incremental Disposal Costs Above Ox Mountain vs. Distance from Shoreway Environmental Center**).

Graph 2



There are a number of factors that the Agency would need to evaluate when considering transporting garbage much further distances to another landfill including:

- The transportation cost figures do not fully account for new capital expense associated with the Shoreway operator's transportation fleet requirement changes (i.e., longer haul distances compared to Ox Mountain will require purchase of additional tractor trailers; today, one driver can make 3-4 roundtrips to the Ox Mountain Landfill but shipping to another landfill could reduce this to 1-2 roundtrips per day).
- Higher transportation costs would also subject the SBWMA to greater cost fluctuations due to changes in fuel prices; fuel prices are indexed as part of determining SBR's compensation.
- Much greater miles travelled would result in a greater carbon footprint associated with our transportation of garbage to the landfill.
- Traveling greater distance increases the risk of reduced trucking efficiencies due to road and traffic conditions. Ultimately, new transportation rates would need to be negotiated with the Shoreway facility operator.
- The County of San Mateo may impose fees on waste generated in the County but exported out of the County for disposal.

Next Steps

The information from this survey provides a good foundation to build upon for future disposal cost projections, evaluating future diversion opportunities (e.g., Organics to Energy project) from an avoided disposal cost framework, and for future negotiations for a disposal contract with Ox Mountain and/or to conduct a competitive bidding process for disposal services in advance of the expiration of the disposal agreement with Ox Mountain.

Background

SBWMA currently has an exclusive contract with Ox Mountain landfill, owned by Republic Services, to dispose of solid waste (garbage). The landfill is located near Half Moon Bay off of highway 92. The contract grants the SBWMA "most favored nation" pricing and the contract term goes through 12/31/19. The disposal rate paid to Republic is adjusted by 80% of CPI (on the disposal base rate before fees of \$27.68) and any government fees per ton are a pass-through. The 2014 disposal rate is \$38.91 per ton of which \$11.23 per ton are government fees (\$9.83 for County fees and \$1.40 for State Board of Equalization fees).

SBR transports all solid waste tons to the Ox Mountain Landfill and is paid based on a per-ton-mile rate set each year through the annual contractor compensation adjustment methodology, which is index-based. SBR's 2014 transportation rate is \$1.194 per ton mile which converts to approximately \$15.52 per ton. SBR currently delivers approximately 30 loads per weekday to the Ox Mountain Landfill located thirteen miles from the Shoreway transfer station. The 2014 total solid waste disposal cost of roughly \$11.0 million represents about 13% of the total projected franchise collection revenue requirement of \$97.6 million.

Fiscal Impact

There is no fiscal impact associated with staff report. The information from this staff report will be used for planning purposes as we project out future disposal expenses as part of the Long Range Plan.