

Status Report on Reducing and/or Continuing the Use of
Waimanalo Gulch Sanitary Landfill
Public Hearing
April 17, 2017
5:00 p.m.
Kapolei Hale, 1000 Uluohia Street,
Conference Room A

Presentation

1. Opening and Welcome

Notice of this public hearing was published in the Honolulu Star Advertiser on April 3, 2017, and on the City's Refuse Division website, www.opala.org

This public hearing is being held to comply with Conditions 15 and 16 of the State of Hawaii Land Use Commission (LUC) FINDINGS OF FACT, CONCLUSIONS OF LAW, AND DECISION AND ORDER WITH MODIFICATIONS, certified on October 22, 2009, in Docket No. SP09-403 (the LUC Order), which states:

"15. The Honolulu City Council through the City Administration shall report to the public every three months on the efforts of the City Council and the City Administration in regard to the continued use of the Waimanalo Gulch Sanitary Landfill (WGSL), including any funding arrangements that are being considered by the City Council and the City Administration."

"16. The City Council and the City Administration shall have a public hearing every three months to report on the status of their efforts to either reduce or continue the use of the WGSL."

The complete LUC Order is available at the State LUC website:
http://luc.state.hi.us/co_sphonolulu.htm

The following report covers developments during the last calendar quarter regarding the matters set forth in Conditions 15 and 16 of the LUC Order.

2. Progress Toward Another Landfill Site

A. Condition 4 of the LUC Order states in relevant part:

"On or before November 1, 2010, the Applicant shall begin to identify and develop one or more new landfill sites that shall either replace or supplement the WGSL."

The first meeting of the Landfill Advisory Committee (LAC) was held on January 20, 2011, and subsequent meetings were held on February 10, March 10, March 31, May 12, July 19, November 8, 2011 and February 1, March 16, and April 20, 2012. The LAC final report was completed on September 25, 2012. All committee meetings were open to the public and to public comment. Handouts provided to the LAC, the Group Memory of each meeting, and the final report are posted online at www.opala.org.

In the final report, 11 potential sites were identified and ranked based on community criteria. The City is proceeding with this process by having the consultant further review and analyze the sites based on the following technical and engineering considerations: capacity, cost, feasibility, land ownership (including cost and ability to acquire, capacity and infrastructure requirements, logistics and transportation, development costs, and capacity projections for current landfills, WGSL and PVT), and a timetable for WGSL, new landfill development and construction. Based on the remaining capacities of the existing landfills and the projected fill rates, it is prudent to analyze if any of the 11 identified sites could become more or less favorable based on this timetable.

The consultant's original contract called for an Environmental Impact Statement (EIS) to be undertaken as a part of their scope of work. Because the Landfill Advisory Committee identified 11 potential sites, it was not feasible to do an EIS at this stage. Therefore, the consultant's contract was amended to include the further analysis of the 11 sites as indicated above. The consultant is proceeding to evaluate the relevant criteria as described above. The City is currently reviewing the draft report.

- B. The following table summarizes the amount of Municipal Solid Waste (MSW), and H-POWER ash and residue delivered to WGSL during the last three months:

MONTH	MSW*	ASH	RESIDUE
January 2017	3,439	11,756	5,505
February 2017	3,540	11,918	3,833
March 2017	8,309	10,194	4,412

*Note: MSW includes the following waste streams: MSW, auto shredder waste, special waste, sludge. Does not include homeowner loads.

On March 20, 2017, a new policy was implemented at the landfill to limit the types and quantities of waste items accepted from householders to inert materials (i.e. dirt, rock, sand, gravel, concrete) and dead animals only. Any combustible items will be directed to the convenience centers or

transfer stations instead for ultimate disposal at H-POWER to maximize energy recovery.

On January 6, 2017, the site received an odor complaint from a Ko Olina resident. The odor was attributed to sludge material from a waste water treatment plant. Odor control systems were operating at the time.

On January 12, 2017 the site received a letter from the Ko Olina Community Association (KOCA) indicating that residents reported odors from January 3 through January 6th.

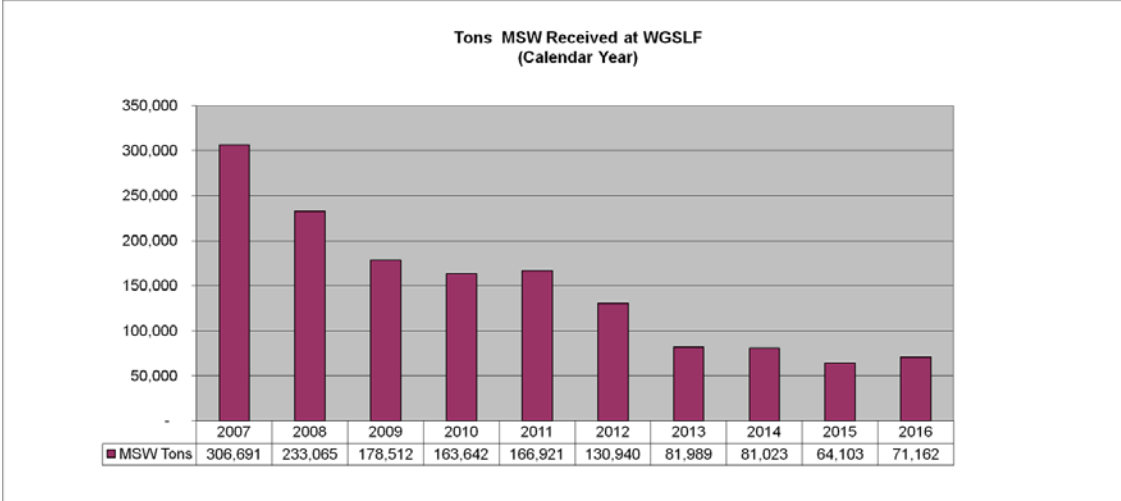
3. Progress Report on Landfill Diversion, Recycling and Planning

A. H-POWER

The H-POWER Facility is operating at full capacity, including processing of treated dewatered wastewater sludge, bulky waste, City-collected used auto tires and treated non-sharps medical waste. Laboratory test results of Auto Shredder Residue (ASR)/MSW mixture samples have been tested; however, results were not consistent in order to establish ASR to MSW proportioning guidelines to minimize chlorine impact on boiler equipment. Further evaluation is being planned. If ASR is accepted, up to 23,000 tons per year of ASR could be diverted from the landfill to H-POWER.

Diversion of other MSW currently landfilled, including meat/fish waste rendering sludge, and wastewater bar screenings are also being assessed.

The following graph illustrates the reduction of MSW delivered to the landfill generally as a result of diverting more waste to H-POWER.



B. Materials Recycling

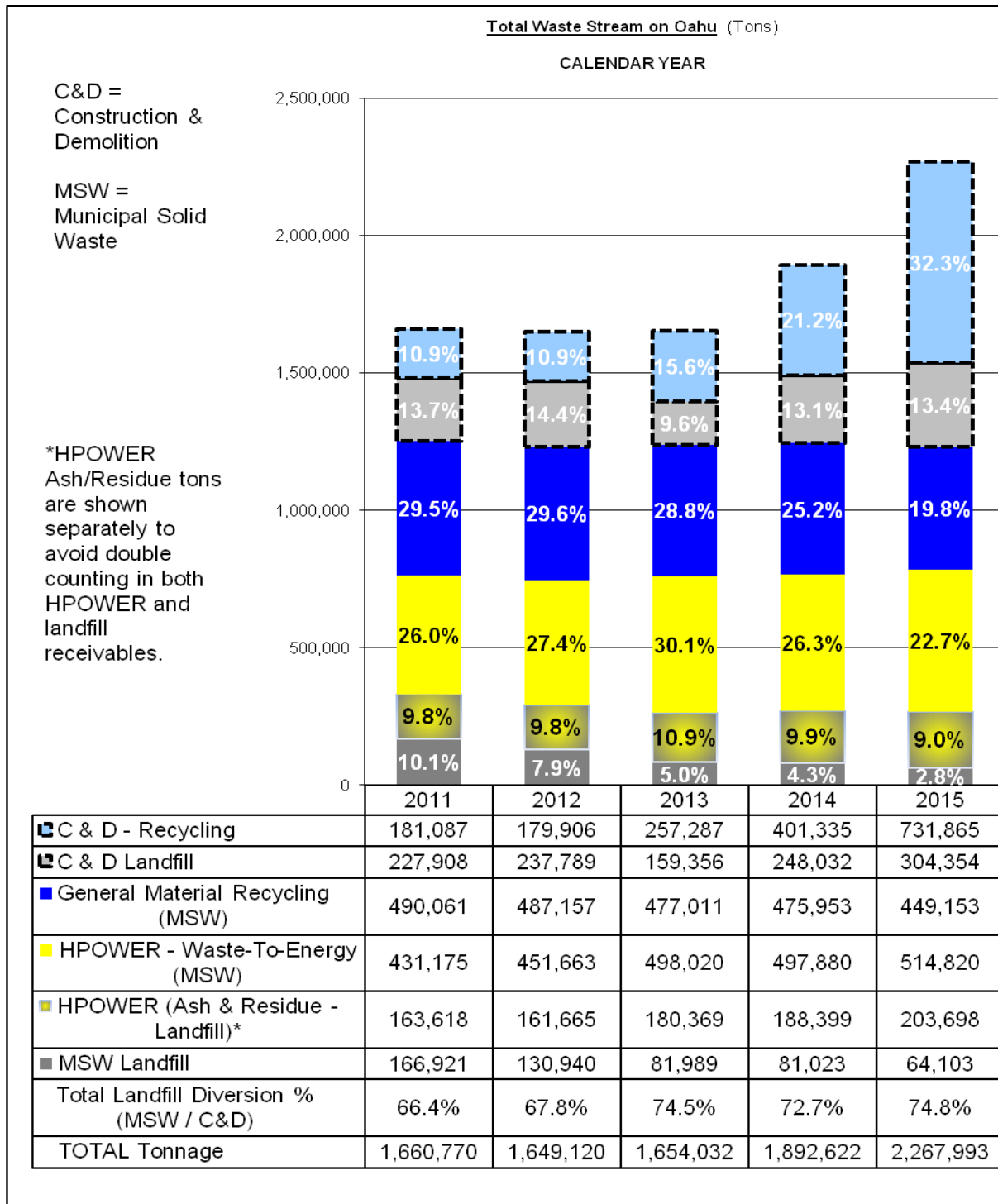
To present a complete waste flow picture for Oahu, the most current data available is for calendar year 2015. Although waste to the landfill and H-POWER is tracked every month by ENV, recycling data is provided by commercial recycling companies that are surveyed annually. Recycling data for 2015 was gathered and compiled during the first half of 2016; updated charts and analysis are posted below. Recycling data for 2016 is currently being gathered and should be posted on www.opala.org by mid-year.

The island's waste data is presented in two charts:

1. TOTAL WASTE which includes Municipal Solid Waste (MSW) and Construction and Demolition (C&D) material, processed through recycling, waste-to-energy or landfilling; and
2. MSW only, processed through recycling, waste-to-energy or landfilling.

Both charts present data for the most recent five (5) calendar years (2011-2015). Moreover, this data shows how Oahu's waste has been diverted from the landfill through recycling and waste-to-energy.

TOTAL WASTE data is presented in the chart below. For 2015, rates for C&D material recycling and disposal rose significantly for a second straight year due to ongoing major construction projects on island, while recycling and waste-to-energy combined to divert nearly 75% of waste from the landfill.



There are two landfills on Oahu: the City's Waimanalo Gulch Sanitary Landfill (WGSL), which is designated for MSW, and the privately-owned PVT Landfill, which is permitted for Construction and Demolition (C&D) waste only.

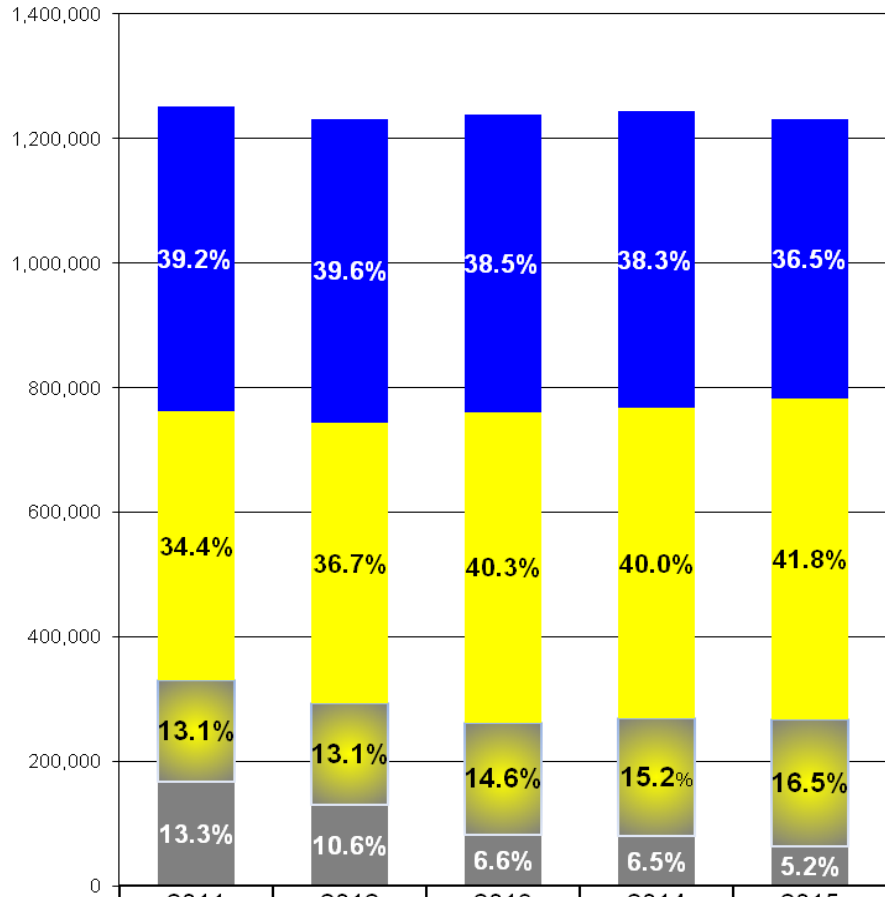
MSW ONLY data is presented in the chart below. Robust recycling and waste-to-energy rates continue to contribute to the steady decline of MSW tonnage going to the Waimanalo Gulch Sanitary Landfill. Considering MSW only and landfill diversion specific to the WGSL, the landfill diversion rate achieved through recycling and waste-to-energy is over 78%, and the general material recycling rate is almost 37%. Landfill diversion rates for the most recent five (5) years at WGSL are charted below, allowing for a better visual assessment of the data. Important to note that of the 22% of material landfilled at WGSL in 2015, less than 6% was MSW, with the rest consisting of ash and noncombustible residue from HPOWER.

Municipal Solid Waste Stream on Oahu (Tons)

CALENDAR YEAR

MSW =
Municipal
Solid
Waste

*HPOWER
Ash/Residue tons
are shown
separately to
avoid double
counting in both
HPOWER and
landfill
receivables.



	2011	2012	2013	2014	2015
■ General Material Recycling (MSW)	490,061	487,157	477,011	475,953	449,153
■ HPOWER - Waste-To-Energy (MSW)	431,175	451,663	498,020	497,880	514,820
■ HPOWER (Ash & Residue - Landfill)*	163,618	161,665	180,369	188,399	203,698
■ MSW Landfill	166,921	130,940	81,989	81,023	64,103
Total Landfill Diversion % (MSW)	73.6%	76.2%	78.8%	78.3%	78.3%
TOTAL Tonnage (MSW)	1,251,775	1,231,425	1,237,389	1,243,255	1,231,774

Recycling data: The tables below provide detail of tons recycled by material type. The City has gathered annual recycling data since 1988 (except for 1989 and 1990). Note the upward trend of general material recycling from approximately 75,000 tons in 1988 to nearly 500,000 tons today. Recycling of construction and demolition (C&D) materials, such as concrete, rock and asphalt, contributed an additional 700,000+ tons to the recycling rates, for a total of almost 1.2M tons recycled for 2015. C&D recycling rates tend to fluctuate based on the volume and type of construction projects undertaken from year to year but have risen significantly over the past two years due to several ongoing major projects across the island.

Yearly Recycling Rates (tons)

Year	General Material Recycling	C&D Recycling	Total Recycled
2015	449,153	731,865	1,181,018
2014	475,953	401,335	877,286
2013	477,011	257,287	734,298
2012	487,159	179,906	667,065
2011	490,061	181,087	671,148
2010	448,639	101,556	550,195
2009	426,947	116,670	543,617
2008	456,876	216,745	673,621
2007	453,282	148,952	602,234
2006	421,072	121,675	542,747
2005	417,669	193,829	611,498
2004	386,338	173,916	560,254
2003	366,639	106,773	473,412
2002	352,699	139,055	491,754
2001	367,300	114,070	481,370
2000	327,710	165,000	492,710
1999	314,075	225,200	539,275
1998	318,690	148,800	467,490
1997	313,394	204,400	517,794
1996	299,574	95,300	394,874
1995	294,340	44,400	338,740
1994	290,412	35,700	326,112
1993	241,600	30,000	271,600
1991	167,152	0	167,152
1988	73,992	0	73,992

Oahu Recycling 2015	
Material Type	Amount in tons
PAPER	
Corrugated Cardboard	46,619
Newspaper	14,108
Office Paper	12,432
Other Paper	1,376
METALS	
Ferrous (includes autos)	128,812
Non-Ferrous (includes aluminum)	19,487
GLASS	19,087
PLASTIC	6,143
TIRES	12,395
AUTO BATTERIES	3,541
ELECTRONIC SCRAP	2,255
GREEN WASTE (yard trimmings)	108,712
WOOD WASTE/PALLETS	11,050
CONSTRUCTION & DEMOLITION (rock, concrete, asphalt)	731,865
FOOD WASTE	40,188
OTHER REUSE (Goodwill, Salvation Army)	21,306
TOTAL	1,181,017

The City's efforts to increase residential recycling rates have continued with its ongoing efforts to educate residents about the value and benefits of its three cart curbside program, and the continued promotion of its condominium recycling assistance program. Additionally, the City requires commercial sector recycling through mandatory laws established by City ordinance, and provides assistance to businesses to setup and expand their recycling programs.

Curbside Recycling – Curbside recycling participation remains strong and material recovery rates are increasing every year. ENV completed the final phase expansion of the fully-automated 3-cart curbside recycling program in May 2010. There are currently 160,000 homes participating in the program, capturing material at a rate of 23,000 tons of mixed recyclables and 75,000 tons of green waste per year. Increased public experience with identifying and sorting recyclables is producing higher results for the City's curbside recycling program. The program continues to be evaluated to identify strategies for improving participation and efficiencies.

Multi-Material Recycling Centers – Recycling through HI-5 redemption and other recycling drop-off is available to those without curbside collection service. HI-5 redemption centers now accept a wide array of recyclable materials, providing the community with a one-stop recycling center for all their materials. Currently, there are about 30 locations around Oahu that offer "HI-5 plus" recycling, accepting paper, plastic and

glass containers, and metals, along with providing HI-5 container redemption services. Among these sites are two City recycling drop-off locations in Haleiwa, one fronting its Waiialua Base Yard (Emerson Rd) and the other at its Kawaihoa Transfer Station. Both locations feature several 96-gallon blue carts, complete with instructional signage and stickers for the community to use. All blue cart recyclables are acceptable, including plastics (1 & 2), glass bottles and jars, metal cans, newspaper, paper bags, corrugated cardboard and white and colored office paper.

Condominium Recycling -- The City continues to promote condominium recycling through a program that reimburses condominium properties for costs associated with the start-up of a recycling program, and additionally provides technical assistance, educational materials, wheeled carts and guidance in establishing collection services.

Electronic Waste (e-waste) – A State law requiring manufacturers to provide take-back programs for electronic waste went into effect January 1, 2010, and is administered by DOH. In general, the covered electronics include computers and televisions. Collection and recycling of e-waste has increased, but the law is weak in its requirements for the manufacturers to achieve recovery goals or to provide consumer convenience in take back programs. DOH is looking for ways to strengthen the collection programs, and has proposed bills in the most recent four State legislative sessions (2012, 2013, 2014, and 2015). In 2015 the law was amended to require electronic device manufacturers to establish drop-off locations for e-waste and prohibited mail-back only recycling options for some devices. ENV will continue to work in collaboration with DOH and local e-waste recycling companies to support local programs and legislative proposals.

Business Recycling Programs -- The City continues to provide assistance to commercial sector recycling efforts and to ensure compliance with mandatory recycling policy established in the mid 1990's, which requires office buildings to recycle office paper, bars/restaurants to recycle glass and a variety of food operations to recycle food waste. Disposal site bans/restrictions divert materials from landfill and H-POWER, including green waste, cardboard, metals, tires, auto batteries, and e-waste. The City provides technical assistance to businesses for designing and implementing recycling programs through how-to guides, workshops and on-site support, and works collaboratively with the State's Green Business Program.

Plastic Bag Ban – As of July 1, 2015, businesses are prohibited from providing plastic checkout bags and non-recyclable paper bags to their customers at the point of sale. Per ORD-12-8, amended by ORD 14-29,

ENV is responsible for implementing and enforcing the ban. Prior to the ban's effective date, ENV mailed compliance surveys and tip sheets to approximately 10,000 potentially-affected businesses and asked them to return the compliance forms and indicate how they planned to comply with the ban. Public notices were placed in the Star Advertiser and MidWeek in May. All information pertaining to the ban is also posted online on Opala.org. On July 1, 2015, City staff began enforcing the ban. Retail industry feedback indicates that about 35% of businesses will not provide bags. 28% of businesses indicated they were exempt from the ban. Of the remaining 37% offering bags, 13% are offering paper bags, 7% are offering reusable bags, 3% are offering compostable bags, and 15% are offering some combination of the three types of allowable bags. Businesses are required to submit annual compliance information to verify their compliance with the ban.

Public education – Public education regarding recycling is ongoing and includes the distribution of brochures and print materials, dissemination of information via the Opala.org website, WasteLine e-newsletter and annual events such as Tour de Trash.

Green Channel – On Oceanic 332 and streaming online at opala.org provides video shorts about the City's recycling initiatives. Dozens of episodes are archived to keep viewers entertained. These videos provide easy visuals for better understanding and teaching tools for classrooms. The partnership with Oceanic Time Warner Cable was launched in 2009. The format is interactive, supporting 24/7 viewing of all episodes on demand. As part of its agreement with the City, Oceanic runs cross-promotional ads for The Green Channel on many of its other channels.

Recycling education in the schools -- Recycling education shows presented by the Honolulu Theatre for Youth (HTY) combined with classroom activity books educate our youth to become expert recyclers and encourage them to support their family to recycle at home. Every year, the program reaches approximately 20,000 students and teachers. The seventh 2016-17 season of included a Tenney Theatre presentation of a Plantation Celebration that took place in November and December 2016. The second part of the season featured a traveling "Sort It Out" show that conducted 21 recycling performance workshops at 21 local schools and was seen by nearly 6,500 students in February 2017. Planning is underway for the 2017-18 season.

C. Solid Waste Integrated Management Plan

Hawaii Revised Statutes (HRS) Section 342G-24 now require each county to submit revised integrated solid waste management plans every 10 years with an interim status report submitted five years after every

submission of a revised plan. The City's revised management plan was submitted December 2008. The interim status report was submitted to DOH in December 2013 and can be viewed online at www.opala.org in the Resource Library/Technical Studies. The City has begun work on the next plan due 2018.

4. Special Use Permit (SUP) Amendment

The current SUP provided that WGS� stop accepting MSW for disposal as of July 31, 2012. Condition No. 14 of the SUP stated, "Municipal solid waste shall be allowed at the Waimanalo Gulch Sanitary Landfill up to July 31, 2012, provided that only ash and residue from H-POWER shall be allowed at the WGS� after July 31, 2012." At the time that Condition No. 14 was imposed, some types of MSW could be disposed of at H-POWER, but certain wastes such as sewage sludge, animal carcasses, and treated medical sharps could not be disposed of at H-POWER. Moreover, because H-POWER's operating permit requires a permitted landfill as a back-up disposal option, it was conceivable that H-POWER would have to shut down if WGS� is required to stop accepting MSW.

On June 28, 2011, ENV filed a SUP Amendment Application with the City Department of Planning and Permitting, to delete Condition No. 14 of the SUP. This will allow WGS� to continue accepting MSW until the landfill reaches its capacity as permitted by DOH.

The City and County of Honolulu Planning Commission (Commission) convened a public hearing on October 5, 2011, to consider ENV's application to delete Condition No. 14 of the SUP. The Commission heard public testimonies and granted petitions to intervene in the SUP proceeding to KOCA, Maile Shimabukuro, and Schnitzer Steel Hawaii Corp. With the granting of the petitions to intervene, the matter proceeded as a contested case. A pre-hearing conference to discuss procedural and others matters in the contested case was held on October 12, 2011. A contested case hearing began on December 7, 2011, with opening statements given by ENV and intervenors. The contested case hearing continued on January 11, 25, February 8, March 7, 14, April 4, 11, 23 and May 25, 2012. On May 25, 2012, the Commission stayed the matter for six (6) months in light of the Hawaii Supreme Court's (Supreme Court's) decision to strike Condition No. 14 of the SUP described below.

The City filed an appeal to the Supreme Court on February 22, 2012 to delete Condition No. 14. On May 4, 2012, the Supreme Court ruled in favor of the City and struck down Condition No. 14, which was the LUC's condition imposing the MSW deadline. The Supreme Court further ordered that the matter be remanded to the Circuit Court and the LUC for action on the SUP consistent with the Supreme Court decision. The LUC convened on July 5, 2012, to discuss

procedural options only, in light of the Supreme Court remand and stayed Commission proceeding.

Upon request by ENV, the LUC directed the parties to file written briefs regarding the proper procedural steps. ENV argued that the case decided by the Supreme Court remain with the LUC for decision-making. The intervenors argued to remand the Supreme Court case back to the Planning Commission with a request to consolidate the amendment application and the Supreme Court cases. The LUC decided at its meeting on September 14, 2012, to remand the Supreme Court case to the Planning Commission with a recommendation to consolidate the two cases. On December 19, 2012, the Planning Commission continued its consideration of the LUC request to consolidate the two cases to allow the incoming City administration to weigh in on the matter and the possibility of a joint recommendation from the parties. On February 20, 2013, the Planning Commission again continued its consideration of the LUC request to consolidate based upon the parties' representation that they intended to file a joint recommendation to the Planning Commission regarding both the consolidation and the subject matter of the remand. On May 16, 2014, the LUC requested a status report on the remanded matter. The City represented that the parties are continuing to negotiate a joint recommendation. The LUC directed the City to provide an update to the LUC and the parties of these negotiations every two months, beginning in July 2014.

At a public hearing before the LUC on October 22, 2015, ENV provided a report on the status of the proceedings before the Planning Commission. ENV reported that it made progress in negotiating with KOCA and that the parties needed additional time to establish objectives for further landfill waste diversion. Accordingly, ENV and KOCA represented that they would file a stipulation with the Planning Commission to commit to an 18-month schedule to implement additional alternative uses or disposal methods to increase waste diversion. The LUC requested that the parties include Colleen Hanabusa, who was an intervenor in the matter remanded by the Hawaii Supreme Court, in the negotiations.

At a hearing before the LUC on May 18, 2016, ENV reported that it reached an agreement with all parties except Colleen Hanabusa. This agreement would have continued the proceedings before the Planning Commission to April 22, 2017. Because ENV could not obtain the concurrence of all parties to this proceeding, ENV filed a motion to stay the proceedings. The Planning Commission denied the stay, ordered the consolidation of the matter remanded by the Hawaii Supreme Court and the SUP amendment application, and continued the contested case hearing to March 1, 2017.

On March 1, 2017, the Planning Commission convened a hearing to consider adoption of its Findings of Fact, Conclusions of Law, and Decision and Order.

The Planning Commission approved ENV’s application, subject to certain conditions. The parties are awaiting issuance of the Planning Commission’s written decision, which is subject to approval of the LUC.

The landfill will continue operations under the current SUP while the deadline for receipt of MSW is resolved by the Planning Commission and the LUC.

5. Relevant City Council Resolutions and Bills

RESOLUTION NO.	DESCRIPTION	STATUS
12-290	To establish a City policy to continue the WGSL as an Oahu landfill.	First reading in committee on 10/10/12.
13-083	To assess methods to reduce the improper disposal of bulky wastes on public streets and sidewalks.	Resolution adopted 6/5/13.
14-127	To enter into an intergovernmental agreement with the State for the allotment of funds for operating and maintaining a glass recycling program.	Resolution adopted 7/9/14.
14-175	To request a study on the use and impacts of single-use food service containers. Report to Council due June 30, 2015.	Resolution adopted 8/27/14.
15-167	To establish a city policy to expedite the closure of the WGSL and the implementation of sustainable waste management practices.	Resolution adopted 7/8/15,
16-147	Authorizes the City to enter into an agreement with the State for the allotment of funds for a glass recycling program.	Resolution introduced 5/31/16.

BILL NO.	DESCRIPTION	STATUS
10 (2012),CD 1	Regulate use of nonbiodegradable plastic bags and other bags provided to customers. Takes affect 2015.	Bill passed into law 5/10/12.
38 (2014)	Amends ban on plastic bags to disallow biodegradable plastic bags. Effective date remains July 2015.	Bill passed into law 9/25/14.
61 (2012), FD1	Terminates recycling disposal discount for residue from recycling operations effective July 1, 2013.	Bill passed into law 11/29/12.
62 (2012), CD1	Amends City Ordinance to conform State HRS related to required submittal dates for the integrated solid waste management plans.	Bill passed into law effective 12/21/12
009 (2014)	Amend Chapter 9, Revised Ordinance of Honolulu, 1990, as amended, relating to City provided refuse services, to allow the City to charge for City provided refuse collection services.	Bill deferred in Council.
47 (2014)	Establishes authority to waive H-POWER disposal fees for processed feedstock.	Bill introduced in Council 7/9/14
41 (2014)	Establishes a one-year pilot program for bulky waste pickups to be administered by the city by appointments only.	Bill deferred in Council. 6/25/14
40 (2014)	Prohibits certain types of disposable food containers (polystyrene foam)	Bill deferred in Council. 6/25/14 Res 14-175 introduced 7/24/14.
50 (2015)	Enacts recycling disposal discount for residue from recycling operations.	Bill passed into law effective January 1, 2017.
80 (2015)	Provides a discounted tip fee to the Navy for disposal of green waste infected by Coconut Rhinoceros Beetle.	Bill passed into law effective June 20, 2016.
24 (2016)	Enforcement of illegal dumping. Increases fine to \$2,500.	Bill passed into law effective May 18, 2016.
26 (2016)	Relating to recycling disposal discount for residue from recycling operations.	Bill referred to public works committee.
29 (2016)	Clarifies procedures for the collection of bulky wastes from multi-unit residences.	Bill passed first reading and referred to public works committee.
54 (2016)	Applies the recycling residue discount to only the first 1,250 tons of residue per year.	Bill referred to public works committee.
59 (2016)	Deletes the definition of "compostable plastic bag" and amends the definitions of "plastic checkout bag" and "reusable bag"	Bill passed second reading and referred to public works committee.
9 (2017)	Addresses the collection and processing of food waste.	Bill deferred in committee February 8, 2017

All resolutions and bills, and video of Council meetings, can be found at the City website, www.honolulu.gov

City Attendees:

Department of Environmental Services
Manny Lanuevo, Chief Refuse Division
Michael O’Keefe, Assistant Chief, Refuse Division
Wayne Hamada, Energy Recovery Administrator
Ahmad Sadri, Disposal Operations Engineer

Other:

Brian Bowen, Senior District Manager, Waste Management
Dee Dee Letts, Resolutions Hawaii

Public Attendees:

Cynthia Rezendes
Geanine Gomes

Questions, Answers and Comments

Q: What is the status of the contract with Waste Management regarding continued operation of WGS�?

A: Contract was amended in 2008 and the term is through 2024.

Q: When will the Planning Commission issue its written comments from the last hearing?

A: Additional clarification regarding the Planning Commission’s issuance of the written findings of fact, conclusions of law and decision and order: in accordance with State law, the Planning Commission must transmit the decision and complete record of the proceeding to the Land Use Commission within sixty days after the decision is rendered.

Q: Were the original SUP and Amendment combined into (one document) that Hanabusa did not sign?

A: Yes, the City went to the Planning Commission by itself. Hanabusa did not sign (the document). Additional clarification: The proceeding involving the 2009 application was remanded to the Planning Commission. The Planning Commission consolidated the proceedings involving the 2009 application and the 2011 modification application. The parties – the City, KOCA, Shimabukuro, Schnitzer, and Hanabusa – were not able to reach an agreement to resolve the matter, so the Planning Commission issued a decision based on the record before it, which was developed through the contested case proceedings (both the 2009 and 2011 cases). To further clarify, at one point, the City, KOCA, Shimabukuro, and Schnitzer agreed to continue the case (in other words, put the proceeding on hold) for 18 months. Hanabusa did not agree to the continuance.

The City, KOCA, Shimabukuro, and Schnitzer never actually got to a point where an agreement was reached to settle the entire proceeding. It was just an agreement to continue the proceeding.

Q: The draft report for evaluating new sites for a land fill is currently being reviewed by the City and the City is waiting to see if the Planning Commission's record would require any changes, is that right? If this is correct then what is the City's timeline on release of the draft?

A: The City is providing updated information to the consultant for inclusion in the report. The City expects the landfill siting report to be completed by June 30, 2018.

Q: Quite a while ago you referred to a pilot program to evaluate how you were going to provide curbside recycling to those communities that could not be automated – what is the status?

A: Pending successful negotiation with the labor union, the City plans to begin testing a semi-automated curbside collection system on a "manual" collection route on the North Shore later this year. Under one of the systems being considered by the City, each property would receive a set of three carts (gray, green and blue) and would be serviced by a rear-loading refuse truck using a flipper mechanism mounted to the back of the truck that would be used to empty the cart's contents into the truck.

C: We will include in these minutes additional information regarding the timelines for the Planning Commission's written comments and the landfill siting report.

A: The Planning Commission issued its written findings of fact, conclusions of law and decision and order on April 28, 2017. The City expects the landfill siting report to be completed by June 30, 2018.

Meeting Adjourned at 5:35.