

**INFRASTRUCTURE AND ENVIRONMENTAL  
MANAGEMENT COMMITTEE**

Council of the County of Maui

**MINUTES**

**March 1, 2016**

**Council Chamber, 8<sup>th</sup> Floor**

**CONVENE:** 9:07 a.m.

**PRESENT:** VOTING MEMBERS:  
Councilmember Elle Cochran, Chair  
Councilmember Riki Hokama, Vice-Chair  
Councilmember Gladys C. Baisa (out 10:34 a.m.)  
Councilmember Robert Carroll  
Councilmember Stacy Crivello (in 9:53 a.m.)

**EXCUSED:** VOTING MEMBERS:  
Councilmember Don S. Guzman  
Councilmember Mike White

**STAFF:** Scott Jensen, Legislative Analyst  
Steve Selee, Legislative Analyst  
Raynette Yap, Committee Secretary  
  
Kit Zulueta, Council Aide, Hana Council Office (via telephone conference bridge)  
Denise Fernandez, Council Aide, Lanai Council Office (via telephone conference bridge)  
Ella Alcon, Council Aide, Molokai Council Office (via telephone conference bridge)

**ADMIN.:** Stewart Stant, Director, Department of Environmental Management  
Michael Miyamoto, Deputy Director, Department of Environmental Management  
Richelle Thomson, Deputy Corporation Counsel, Department of the Corporation Counsel

*In the gallery:*  
Michael Ratte, Solid Waste Division Chief, Department of Environmental Management

**OTHERS:** Rubens Fonseca, Plant Manager, Maui EKO Systems  
Jeff Walsh, Business Development Director, Anaergia  
Plus (4) Others

**PRESS:** *Akaku Maui County Community Television, Inc.*

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CHAIR COCHRAN: *... (gavel) ...* Aloha. Will the meeting of the Infrastructure and Environmental Management Committee come to order? Today is March 1, 2016, and

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it's about 5 after 9:00 a.m. Please silence all cell phones and any noise-making devices. And at this time, let me call on who is in attendance. We have Vice-Chair of the Committee, Riki Hokama.

VICE-CHAIR HOKAMA: Good morning, Chair.

CHAIR COCHRAN: Aloha. Good morning. Ms. Gladys Baisa.

COUNCILMEMBER BAISA: Good morning, Chair.

CHAIR COCHRAN: Good morning. And Mr. Bob Carroll.

COUNCILMEMBER CARROLL: Good morning, Chair.

CHAIR COCHRAN: Good morning. And myself, so we are at very bare quorum, so thank you, Members, for being here. From the Administration, we have Mike Miyamoto from Department of Environmental Management. Oh, sorry, and also the newly appointed Director, Stewart Stant.

MR. STANT: Hi.

CHAIR COCHRAN: Aloha. Welcome, gentlemen. Thank you for being here. Corporation Counsel, Richelle Thomson.

MS. THOMSON: Good morning.

CHAIR COCHRAN: Good morning. And from our Staff, we have Legislative Analyst, Scott Jensen; also Legislative Analyst, Steven Selee; and Committee Secretary, Rayna Yap. And let me check with our District Offices. We have someone new out there in Hana. Hana, Ms. Zulueta, are you there?

MS. ZULUETA: Good morning, Chair. It's Kit from the Hana Office.

CHAIR COCHRAN: Thank you, Kit, for being there. And in...on Lanai, Ms. Denise Fernandez, are you there?

MS. FERNANDEZ: Good morning, Chair. This is Denise Fernandez on Lanai.

CHAIR COCHRAN: Good morning, Denise. Thank you. Molokai, Ms. Alcon, are you there?

MS. ALCON: Good morning, Chair. This is Ella Alcon on Molokai.

CHAIR COCHRAN: Good morning, ladies. Thank you, folks, for being there. Members, we have two items on our agenda: IEM-32, Green Waste Services and IEM-1...sorry, IEM-11(2) [sic], which is orientation workshop by the Department of Environmental Management. And at this time, anyone in the gallery wishing to testify, please sign up at the table in the front lobby. You will be given three minutes, and please stick to

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agenda item, and also state your name and any organization or anyone you may be affiliated with. But, Mr. Jensen, do we have anybody?

MR. JENSEN: Madam Chair, no one signed up to testify.

CHAIR COCHRAN: Thank you, Mr. Jensen. And out in Hana, do you have anyone there to testify?

MS. ZULUETA: Chair, there's no one waiting to testify in the Hana Office.

CHAIR COCHRAN: Thank you, Kit. Over on Lanai, Ms. Fernandez, anyone there to testify?

MS. FERNANDEZ: There is no one waiting to testify at the Lanai Office.

CHAIR COCHRAN: And, Ms. Alcon, on Molokai, do you have anyone there to testify?

MS. ALCON: There's no one here on Molokai waiting to testify.

CHAIR COCHRAN: Ladies, thank you very much. And, Members, since there's no one here willing to testify or in our District Offices, without objections, I shall now close public testimony.

COUNCILMEMBERS: No objections.

COUNCILMEMBERS VOICED NO OBJECTIONS. (excused: SC, DG, MW)

CHAIR COCHRAN: Thank you very much.

**ITEM NO. 32: GREEN WASTE SERVICES (MISC)**

CHAIR COCHRAN: So let's move on then. First item, on the docket--ladies, thank you-- IEM-32, Green Waste Services, and we have Environmental Management which I'll ask comments of and also from EKO Systems Incorporated; they're here in the gallery. It looks like Plant Manager, Rubens Fonseca, is here. Aloha. And first I'll turn it over to the Department. Mr. Stant, Director Stant or Deputy Director Miyamoto, if you folks have any opening comments in regards to green waste. And let me preface all of this with the explanation that this particular item was given to my Committee during our Budget Session of last year, and it was something that we all wanted little more discussion and little more light upon this subject matter. So that is why it's here separately from your main presentation. So, Department, if you have any comments in regards to our green waste services.

MR. MIYAMOTO: Thank you, Madam Chair. I'll start with the...our Central Maui Landfill. Currently we have a contract with EKO to process our green waste, our sludge, and our fat, oils and grease. That contract expires end of the, end of June of this year. It does have options to extend it with, if both parties agree, but currently the prices have

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increased so we would like to go out for a new bid on that contract. So we're in the process of working on the RFP to get that out for a new bid to...for another contractor, or new contractor, or existing contractor to start in July 1<sup>st</sup> with the new rates. On the island of Molokai, we currently have a contractor there who basically accepts the green waste and then he mulches it and that mulch is available for the public to...free of charge. And Lanai, we do not have any green waste program. And in Hana, our latest program is that we are collecting green waste, commercial green waste. The residential green waste as long as it's mixed in with the trash we're allowed to, by permit, operating permit, to dispose of that in the landfill. As far as commercial green waste that comes in we are allowed to have a certain amount at the landfill. I think it's something like 700 cubic yards. We put 'em in windrows to make sure that it's properly handled, and then when the quantity starts to get near that 700 cubic yards we ship it out to Central Maui and we send it to EKO and we have them process it for the Central Maui, at the Central Maui Landfill. We did in the past try to reach out to someone locally in the Hana community to, you know, if they wanted green waste that they could then utilize and turn into mulch we certainly would be open to that. So those conversations really haven't materialized for anyone in that area, but we still accept the green waste. And to try and keep the cost down we...since we bring in about 20 percent of the, our dirt needs from outside of the Hana area we try to work with that contractor that when he brings in a load of dirt, he can take out some of the excess green waste that we have. So the opportunity to provide green waste locally there, we have it. If someone there could mulch it into something usable for the community, we're open to doing some kind of a grant if we have to in our landfill diversion section. So we're pretty much open to those ideas as we have been asked in the past.

CHAIR COCHRAN: Okay. That concludes your comments, Mr. Miyamoto?

MR. MIYAMOTO: Yes.

CHAIR COCHRAN: Okay. Thank you very much. And, Mr. Fonseca...or...would you like to come over to the podium and share with us your processes and things over at our landfill?

MR. FONSECA (*from gallery*): Sure.

CHAIR COCHRAN: Thank you very much.

MR. FONSECA: Good morning, Chair. Good morning, Councilmembers.

CHAIR COCHRAN: Good morning.

MR. FONSECA: I'm open to any questions that you might have. Basically with...on this 20 years we've been doing the same processing. This biosolids, we call it, sewage sludge from the wastewater and green waste as well as fats, oils and grease. Who we have still up to date Pacific Biodiesel doing that part for us, even so that they don't have a facility there now they still decant all the oil separate, the residue still stays

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with us, and they have vessels that they go back and forth to the Big Island where their main facility is, processing facility is. But it's still the same this last 20 years.

CHAIR COCHRAN: Okay. Well thank you for the work you've been doing for the past 20 years for us.

MR. FONSECA: Thank you.

CHAIR COCHRAN: And, Members, and also, Department, if you have questions...but let me...before we offer questions, let me just give the official date of our...this County Communication which was on May 26, 2015, from County Clerk, reporting that on May 26, 2015 that Council referred this matter relating to green waste services. It was BF CR 15-53, so just to point out the exact communication that was sent to this Committee. And so, Members, the floor is open for questions or comments from either EKO here, Mr. Fonseca, or the Department. And I guess my...and maybe Mr. Carroll might wanna talk about the green waste over in Hana 'cause that was a recurring ask over there. So, Mr. Miyamoto, I know you touched on it, and so am I to say that you folks are collecting it, but if you had an entity there to take it, mulch it, and whatever, you would be open to that. Can we not do it on our, at our landfill and can we not do it as the County?

MR. MIYAMOTO: We're...at the Hana Landfill, we're very spaced limited and that's why by the permit that we have with the Department of Health we're limited to, like, 700 cubic yards. The mulching doesn't take as long, you know, to create. Compost naturally takes a much longer period as a biological process to break down all the green waste. We, you know, when you think about the green waste we would have to have someone come in and operate the mulcher while we're operating in an active landfill. Similar to like how we have on Molokai, we have, Molokai we have a lot more space so we have a contractor who comes in and we can afford to mulch it and keep it for the residents to have. To give you an idea of the variation of the amount of green waste we receive, by permit we're limited to 700 cubic yards or that could be taken out, maybe the excess could be taken out maybe once every 2 to 3 weeks. At the peak, we have about 3 shipments of green waste leaving Hana area because there's just so much green waste coming in that it would push us over that 700 cubic yard amount that we can maintain at the landfill; so therefore, we have to get it out of there so it takes about, at the peak, about three truckloads to get it out.

CHAIR COCHRAN: Okay. Well, thank you, Mr. Miyamoto. Yes, Mr. Carroll?

COUNCILMEMBER CARROLL: I ask, how much green waste is coming out of Hana now a month?

MR. MIYAMOTO: It, you know, it really varies like now because of the wet season we're probably taking about two to three truckloads per week, but then it slowed down for a month and then we only took one load out in a month. So it varies based on the weather and how much green waste people are looking to get out. I don't have the

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statistics for how much we took out in the past year to be honest. I would have to check with the Division to see what that total is.

COUNCILMEMBER CARROLL: Yeah. 'Cause I meet the trucks in the morning when I come to work 'cause they go early, and I look, that's quite a few trucks going in and out. So I'd like, really like to know what the volume is coming out of Hana.

CHAIR COCHRAN: Okay. Staff, if we can put that forward to the Department, and I can see Mr. Miyamoto taking notes also, and maybe we can get a printout on that, Mr. Carroll, that'd be good to have.

COUNCILMEMBER CARROLL: Thank you.

CHAIR COCHRAN: So thank you for that request. And I guess for Mr. Fonseca, this green waste now gets hauled out of Hana and gets delivered to you and there...and at the Central Maui Landfill. And so if we decide to figure out a way on how to keep all that in Hana so that's less product to you and, I guess, is that gonna be a, I don't know, hardship or put a damper on your operation?

MR. FONSECA: Not really.

CHAIR COCHRAN: Not really.

MR. FONSECA: In fact in the past we suggested to take the grinder there and keep the mulch in Hana, but the bridges don't support the weight, they were too big, too heavy to take. The best thing in Hana in my opinion would be a medium sized grinder that could be able to go through the bridges there, but the problem there, you have to make the community there use the mulch; otherwise, it's another thing to handle at the landfill, and space like Mike is saying is it's a problem. Once you grind though, you reduce about four to five times volume-wise, that has that advantage but still gotta handle in the end.

CHAIR COCHRAN: Okay. Thank you. Members, any further questions or comments needed of either Department or Mr. Fonseca?

VICE-CHAIR HOKAMA: I have a question for...

CHAIR COCHRAN: Yeah. Okay. Mr. Hokama?

VICE-CHAIR HOKAMA: What is the relationship, if any, with this, what we're talking about now and Anaergia?

MR. STANT: Actually, we have Jeff, a representative of Anaergia that is here today that can answer some questions if you may have if you want.

VICE-CHAIR HOKAMA: I'm more concerned of the Department's view at this point in time of what you see Anaergia in relationship to this specific item, 32.

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CHAIR COCHRAN: And, Mr. Miyamoto, before you...real quick, Mr. Hokama, are you gonna have more questions, any questions for Mr. Fonseca of EKO Compost?

VICE-CHAIR HOKAMA: Oh. No thank you, Chair.

CHAIR COCHRAN: Oh. Okay. Real quickly --

VICE-CHAIR HOKAMA: Sure.

CHAIR COCHRAN: --before we get into that --

VICE-CHAIR HOKAMA: I'm sorry.

CHAIR COCHRAN: --discussion because I know it's gonna be pretty deep.

VICE-CHAIR HOKAMA: I'm sorry.

CHAIR COCHRAN: No, no. Not a problem. But just so we don't...Mr. Fonseca doesn't have to stand there all morning. But, I guess...and Mr. Miyamoto mentioned your contract ends this year of June. And so, comments on that?

MR. FONSECA: We are gonna be responding to the RFP they just put out, and that's gonna be for another two years plus two extensions year by year. And again it's tied up with Anaergia's decision of coming in or not. They have approached us to work together last year. I don't know what's going on with them now and probably I'll hear something here, but we'll just respond this next phase here and hopefully we'll continue . . .*(inaudible)* . . .

CHAIR COCHRAN: All right. Well thank you again for your services, and my Staff had the opportunity of touring your facility and --

MR. FONSECA: Thanks for doing that. Thanks.

CHAIR COCHRAN: --wonderful job. Yeah. I'd like to come back and revisit and see, you know --

MR. FONSECA: Thanks.

CHAIR COCHRAN: --what you've been doing lately. So anyhow, but thank you, gentlemen, for being here and you're free to hang out and listen because obviously we're gonna head into the discussion of Anaergia, which you're saying, too, you would like to probably know a little more about what's going, so. But thank you, folks, for being here.

MR. FONSECA: Thanks.

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CHAIR COCHRAN: And...okay, Mr. Hokama and Mr. Miyamoto, the question...

MR. MIYAMOTO: If I may respond then?

CHAIR COCHRAN: Yeah.

MR. MIYAMOTO: Yes. When we had done the RFP, one of, the green waste handling was part of the formula, so to speak, to, in developing this waste composition, this waste conversion process. The challenge we have with the existing composting facility is that because they're utilizing our sludge, a lot of the farmers in Upcountry, they don't want to use it because it has sludge, it could jeopardize their certification as organic farmers. So we don't have them utilizing a lot of, you know, EKO's compost. So when the Mayor had his budget meeting for this upcoming proposal in the Upcountry area, I asked a representative from the Farm Bureau. I asked him to help Anaergia, to be involved with Anaergia to develop, you know, what would be the demand for organic composting in the Upcountry area, 'cause then that could help them figure out do they have enough of a demand to dedicate an anaerobic digester purely to, you know, keeping it so that the digestate could be considered organic. Also the...I asked the representative from the Farm Bureau give us an idea of what they would be willing to pay for that compost, obviously there should be a cost for that compost. So through that anaerobic digestion process, the end...the waste product is that digestate and that digestate can make...can be utilized into turning into compost, and it's quicker than our current process so we could generate it in a quicker turnaround period. What happens with the Anaergia and the Farm Bureau, I haven't heard anything from the Farm Bureau to talk with Anaergia about, you know, getting their membership to give them an idea what would be their demands to help Anaergia design this system that could accommodate it. So we haven't heard anything. As far as conversations between Anaergia and EKO, those are private conversations that we're not quite privy to. But I know Anaergia has looked into some kind of a composting product, because they do have to get rid of that digestate in some way. Are they gonna dry it, utilize it somehow like the RDF? That's something that they're working on at this point, and, I guess, the upcoming PUC meeting's gonna be a critical decision point on how they go forward.

VICE-CHAIR HOKAMA: So sharing that with this Committee regarding the potential Public Utilities Commission's decision and impacts, are we reviewing the Anaergia agreement and whether or not we should continue?

MR. STANT: Yes. We have been reviewing if we should continue. And that's...I think a decision's gonna be a...a lot's gonna come out of that decision when we head to the hearing next week Monday.

VICE-CHAIR HOKAMA: Okay. What is the County's role in the PUC hearing? Are we a third-party intervener? Are we a contested case status? What is the County's position in all of this, please?

CHAIR COCHRAN: Would that be Corporation Counsel?

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VICE-CHAIR HOKAMA: Yes, Ms. Thomson.

CHAIR COCHRAN: Thank you. Ms. Thomson?

MS. THOMSON: Thank you, Chair. I'm not personally involved in that proceeding, but my understanding is that the County is not a party but we're...the PUC asked us to participate to help clarify a couple of points that they're considering, whether or not Anaergia's proposals fall into certain preferential rate categories and things like that. So we're participating but we're not a party is my understanding.

VICE-CHAIR HOKAMA: And our participation is at this point in time just the Mayor's preferred thoughts on this request before the commission?

MS. THOMSON: So this is the Anaergia contracts, and proposals to MECO are a separate matter from the NextEra merger; although, both of them are going on at the same time basically. As far as...

VICE-CHAIR HOKAMA: And one impacts the other, you believe, Corporation Counsel?

MS. THOMSON: Does one affect the other? Yes, probably. I don't know exactly how it would play out, you know, if NextEra takes over the electric utility. I assume that would have an effect on many things including contracts such as this one. But as far as the Anaergia contract, contracts that have been proposed to MECO; the involvement of the County at this point is in support of our waste conversion effort and the desire to see this project implemented.

VICE-CHAIR HOKAMA: Okay. So, the Department, gentlemen, you know, we appreciate your good work. So you are going through a, another financial review and checking your numbers, seeing whether or not it's in the County's best interest to maintain its current position and agreements or to look at revisions and amendments, is that part of your ongoing process, please?

MR. MIYAMOTO: Yes. That's actually something that the contractor for the Council, the Auditor has really challenged us on and so we've been working with that contractor to update the numbers, 'cause the original review was done sometime in 2012. So we've been updating the numbers and trying to get a better handle on it. We had some disagreements on the value of air space and things like that, but we'll get into that when the audit's presented.

VICE-CHAIR HOKAMA: And, Chair, if I can follow up?

CHAIR COCHRAN: Yeah. Go ahead, Mr. Hokama.

VICE-CHAIR HOKAMA: And that is a great thing that you folks doing because potentially later on with this question of value of air space, you know, for me, 'cause of some constituents' request about what is actually the height of my property because of

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drone issues, Chair. Where does my property end as far as the vertical concept, which is kind of interesting since we really didn't think in that dimension per se, but we do have height restrictions in certain categories, zoning categories, so I don't know if it's...like this building, 9 stories, 100 feet is your property right. I have no understanding or even how we are going to value that since in other areas like Washington, D.C. you noticed them already building on underpasses and somebody put a value for that developer to pay to build above the underpass. So it's an interesting subject, Chair, that eventually, you know, I mean, we look at our departments for some guidance. But I was gonna say, our standards of valuation of current air space as it regards to your operations is done from some kind of national standard, gentlemen, or is it something that with Corporation Counsel's advice you folks to come to some type of rational, reasonable dollar value?

MR. MIYAMOTO: Madam Chair?

CHAIR COCHRAN: Director?

MR. MIYAMOTO: The way we've basically...we've attacked it initially is what is the cost of developing and utilizing that air space. So for example, at the landfill we had development cost. We don't worry about the operating cost 'cause that's the operational cost. We look at the closure cost, we look at the maintenance cost of that air space, and obviously we look at the volume of air space, like you say, and we have a certain height limitation by permit. So we develop that and some of those costs we've...that's where the challenge comes with in working with the consultant. You would think the numbers would be straightforward and that's what we thought, but it's sort of taken out of context and so we're trying to come to an agreement as to how we actually value. 'Cause if it...if the air space was cheap, you would imagine there'd be a lot of contractors like Waste Management would be here, you know, if the air space was cheap to develop, they'd be here developing landfills themselves but...so that's where we disagree with the consultant at this point, but we're trying to work out the differences.

VICE-CHAIR HOKAMA: And I'm glad to hear that you guys are...although have some areas of disagreement you're still working to find some reasonable common ground, so I thank you for that. So at this point in time, you feel that the County should continue to move forward with its Anaergia component as it regards to the current status of various applications and where we are at this point in time?

MR. MIYAMOTO: Yes. And as you'll see in the second item that we're always looking to, you know, to make the best use of what we now consider a resource. People used to call it trash, now we're looking at it as a resource and so is the rest of the nation. I mean, this waste conversion project actually, you know, we started in 2012. We were somewhat the infant in that industry. We had our naysayers; our consultant that we actually used was one of our biggest critics claiming that we didn't know what we were doing. Now all of a sudden, his company is the expert in doing what we had proposed with Anaergia. So we feel we're on the right track. The rest of the nation is starting to

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follow the same path. So we're trying to make a value out of this, what people consider trash.

VICE-CHAIR HOKAMA: Thank you. Thank you, Chair.

CHAIR COCHRAN: And thank you for your line of questioning, Mr. Hokama. Yes, Ms. Baisa?

COUNCILMEMBER BAISA: This may be more relevant in the second item, but it was brought up that, you know, that NextEra/MECO thing is happening along with the discussion about our waste. I think it's important and I'd like to hear Anaergia's take or anybody's take on what they think is going to happen if...because MECO hasn't made up its mind yet if they would take this end product, right, that's gonna come from Anaergia? And if they don't take it, then doesn't that affect our deal with Anaergia? What are they gonna do with the product? I mean, that's been the question all along. So I think that's something that we need to discuss.

CHAIR COCHRAN: And thank you. That's definitely a really big question, and I believe we all want the answer. So I think we're really --

COUNCILMEMBER BAISA: Yeah. . . .*(inaudible)*. . .

CHAIR COCHRAN: --veering into what the next portion of my meeting is. If we...and then so I can close out maybe this first item and then we'll jump in that way we can continue the flow of this discussion?

COUNCILMEMBER BAISA: That's fine.

CHAIR COCHRAN: But at this time, if you don't mind.

COUNCILMEMBER BAISA: Not at all.

CHAIR COCHRAN: At this time, I just wanted to point out that there was an article in...about EKO and they recorded their millionth ton of waste, so congratulations, keep up the good work. And it's just a newspaper article that came out in *The Maui News* last Sunday, so I just wanted to have it for your folks in your records and to read through and it really explains where you're at, what you've been doing. So again, thank you very much for all your work. Members, if there's no further discussion in relation to the green waste services portion of the meeting, I'll recommend deferral of this.

COUNCILMEMBERS VOICED NO OBJECTIONS. (excused: SC, DG, MW)

**ACTION: DEFER pending further discussion.**

CHAIR COCHRAN: Thank you.

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**ITEM NO. 11(1): COMMITTEE'S PRIORITIES AND PROCEDURES;  
PRESENTATIONS AND DISCUSSIONS ON MATTERS  
WITHIN COMMITTEE'S JURISDICTION (ORIENTATION  
WORKSHOP BY THE DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT)**

CHAIR COCHRAN: And we'll jump into IEM-11(2) [sic] and this is Committee's priorities and procedures; presentations from County administrative agencies. And today we'll have an orientation workshop by the Department of Environmental Management. So at this time, I guess we have...we'll be utilizing the screen here, and, Mr. Stant, you'll be running the show.

MR. STANT (*PowerPoint Presentation*): Good morning, Members of the Council. And thank you, Madam Chair, for setting this IEM up today. In this short presentation, what I want to do is just give you a sense of who I am, my direction, my goals, and what my whole philosophy for our Department now, where we should be today, and what direction that I want to take the Department. This, you guys, those of you that don't know me, I took over this position December 16<sup>th</sup>, so I've been doing this position for 70 days. I'm not keeping any track but I'm just saying 70 days. So I've had to learn a lot about when I came on just reprioritizing and just the total direction, 'cause imagine, I came in from a time when the direction was already set from the previous Director. So coming in half the year trying to, you know, change the direction and imply my goals for our Department; you can imagine the transition has been an experience. Being from Maui, born and raised, Maui High to the Air Force to HC&S when they had the Paia mill and then on to the County; so my whole experience in the County has been 25 years with Wastewater, 15 of those years has been blue collar, like really hardcore blue collar working with, you guys know what we work with. And then the last 10 years have been more management decision making and budget and so forth. So we're just gonna go over a few things, the organization, accomplishments. I really want to explain the priorities and goals and direction that I've set with this Department and looking towards FY 2017. As an organization, okay, in the Wastewater, Solid Waste, and our EP&S Divisions, so because I've been in Wastewater 25 years, these were the two divisions for Solid Waste and EP&S that I had to spend the last 70 days really focusing on and trying to find out what the issues were, and it came down there's a lot of issues at the Solid Waste Division that we face in compliance and a lot of fines that we've been getting on just certain issues that we should've been taking care of. But it wasn't, to me when I came in, wasn't a priority so we rearranged some priorities. But first off, I just want to cover the accomplishments by Wastewater for this past year. Designing a 1 million gallon tank for West Maui, we...they also...they're in construction for the one that's in Kihei. We have a million gallon tank already in Kihei, the second one is being installed this year. Designing extensions of the recycled water distribution along the Kaanapali Parkway, also constructing water connections along the existing resorts we have there now. Constructed recycled water system expansion in Kihei along the Waipuilani Park. Replaced and upgraded the Wailuku pump station gravity line. Lahaina pump station

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4 force main was replaced, and also the modified and upgraded...I was involved in this project before I came into the Department was upgrading and replacing the whole sand filter system to the new aqua media type filters. That's complete in Kihei; they are presently working on the one in Lahaina and Molokai. And as of this year on the second set of equipment, which, thank you, Council, I got that amendment going through for our second set where we'll have the Kahului Wastewater Treatment Plant will also be having this type of media filters installed this year. Accomplishments for the Solid Waste Division, we have the Central Maui Landfill leachate recirculate project. This was a test program done by the DOH, it's...that's installed. Also the wind turbine generators. Now the wind turbines, you guys know, is on Central, the Maui Landfill. There's some fine tuning that needs to be done but by this year those wind turbines should be online. And the Molokai Landfill Phase 4 expansion and drainage improvements has been completed. Okay. So now this section is...this will give you the priorities, like I said, coming into this Department setting my goals and my priorities. The first...this is just a summary, I'll break each and every one of them down as we continue, but I just want to let you guys know what I'm gonna cover is closures of the landfills due to manpower. When I came on board, I noticed there was so many...I'm getting all these e-mails about partial and closing of landfills. When I got down to it, it was...it came down to manpower issues that we had, so that...I made that a priority of ours. Opening Central Maui Landfill on Sundays for 7-day operation, I will break that down for you. Also maintenance of landfills and closed landfills, I noticed that we have, a lot of our fines has been coming from maintenance that we should be doing but it's not possible with the manpower we have and I'll break that down also. REUSE in Central Maui, I have been involved with REUSE from the first UV system in Kihei in 1990s, and I've been always involved with REUSE and we do have the system in Kihei which we can build from expanding. We have already a system in Lahaina, we can build on expanding, but we don't have a system in Central Maui, Kahului, and I want to show you my goals and direction for that. The turbine technology and sludge drying at our wastewater facilities, this was also taken from a study in 2010. I approached this technology and I'll show you my reasons on that. Recycling, Anaergia's waste-to-energy project at the Central Maui Landfill, and the concept of aerobic to anaerobic. This concept...I can never see on how...what we're doing on Maui as far as our wastewater is concerned is we're using energy to burn...so burning energy...just using energy to burn energy and it's just...for me, it's just a waste, that's a resource that we could be using. Now so the closures of the landfills due to manpower, like I said, when I came in I noticed it wasn't a priority. There's a lot of priorities I had to switch, this was one to me. So, if you know, I started in December 16 and you'll see the dates. We started filling positions, because I noticed there was positions that was open and it wasn't like a huge, just a priority to get these positions filled. So we've...as...on January 4<sup>th</sup>, we filled the landfill supervisor; on February 1<sup>st</sup>, we filled both two landfill attendants at the Hana Landfill and at Central Maui Landfill; and the landfill attendant I just signed was a recommendation, they just had their interviews on the 24<sup>th</sup>. Now we have, looking to fill these positions: the landfill equipment operator, laborer II in Hana--the laborer II was a position they moved up to a landfill attendant--and the clerk III. I'm hoping to move into the directions where sooner, you know, we get less of this landfill closures but hopefully in the near future we eliminate all closing of the landfills. Okay. Now, okay, Central

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Maui Landfill to be open on Sundays, okay, this is gonna be an added option to the budget, so I'm asking the Council to really take a look at the objectives I'm proposing to having the landfill open on Sundays. What it is, this option, okay, it's not just opening on Sundays, but I'm gonna show you why this, I think, has some major impact on, for Maui. As a resident for over, owning a home for over 20 years, I want the landfill to be open on Sundays. I used to love when our landfill was open on Sundays before. I'm one of those I don't have time on Saturdays by the time I clean the yard, trash is all in my truck the whole day Sunday 'til I can go Monday, and I haven't met somebody on Maui yet, maybe I'm talking to the wrong people, I haven't met one person yet that has not told me I would love the landfill to be open on Sundays. So opening the landfills on Sundays, I looked at different options so I looked back at having the positions we have now, yes, could we open landfills on Sundays, we could. But, you know, a lot of overtime hours and so forth but I'll explain the reason I chose on mirroring like what we have on Saturdays, okay. Creating positions, now extra positions, these extra shifts, if we create these positions that we're using like we have on Saturdays to open the landfills we'll be adding to the County of Maui to Solid Waste an additional say 24 shifts, okay. With those shifts what I want to do is take those shifts and create like a maintenance team. But also what these extra shifts would do, it would eliminate a lot of the overtime that is presently happening, eliminate a lot of the workload, and what it'll do is provide a team that could maintain our operating landfills now and our closed landfills, okay. And then the last would be provide positions to the County of Maui, and I know I put in here especially for HC&S but I'll break it down. I understand I cannot create jobs for HC&S but I want to show you guys this, okay. Positions, the positions if we wanted to get the direction I want to go with this, and I'm asking the Council, is one landfill working supervisor, three landfill equipment operators, three landfill attendants, one cashier, and two mechanics. Now the two mechanics was what I asked is from past history, our Department was...had already asked for two mechanics, but what I was looking at these positions above here. Now I understand this is a lot of positions, I understand that. Now if I was to...without using these positions.., so say our Department, I said let's open a landfill this Sunday, I could do with what we have 'cause I could pay overtime. We're looking at overtime with just about 260-something thousand to open a landfill on Sundays. The money's an issue but what is even a bigger issue is half of our staff already works at the landfill on Saturdays. Now I cannot force them to work overtime, so if you ask me, I'm like, if I'm working Saturdays, I ain't working Sunday. So the issue is not gonna be keeping the landfill open on Sundays, it's gonna be...the issue's gonna be having people actually wanting to work the landfill on Sundays. Okay. Now the proposed positions would cost us about just over 700,000 a year if we did this proposed positions. Now, just looking at this, yeah, it's over a half a million, Stew, what are you talking about, but this is where I look at it. I'm looking at the big picture and like a talked to...like I mentioned earlier, these fines on being compliance, creating a maintenance team because if you look now our average cost of fines is 800,000 a year. So if I can have a maintenance team...see I...my background is maintenance, I was a maintenance manager for years with the County. I know how important maintenance and we don't get those...these...if we don't take care of maintaining our closed landfills and our present landfills, we're gonna continue to get these fines. So if you're looking at...well it brings me to this, okay, landfills and closed

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landfills, we have four landfills that are closed, we have the Upcountry Makawao, Waikapu, we have the Olowalu, we have Phases 1 and 2. Phases 1 and 2, right now, are the only landfills that are getting maintained which means what, which means Upcountry, Olowalu, Waikapu, there's no maintenance happening and we're getting a lot of fines. I mean, just with the vegetation alone, the roots, you know, we gotta make sure the roots doesn't get to the caps, destroy our slopes. Upcountry Makawao rains so much and that runoff, as you guys know, destroys our slopes and then trash pops up and we get flagged and we start getting fined. So what I want to do is get a maintenance team who...you could literally get some maintenance team up there every day or every week on taking care of all these closed landfills. Also, if you know there's a gas, like Phases 1 and 2, we have a gas system there which needs to maintain, be checked, we have fenced lines around there that needs the perimeter check, needs to be checked. These are just...there's just so many issues that we not...it's not that if we should be doing this, we need to be doing these because it's for us to remain in compliance, okay. So that would be my goal in getting a maintenance team with those added shifts. And then the last objective, for opening landfills on Sunday, to me would be creating jobs for Maui. Now, myself, I know I'm bringing up HC&S and the only fact is because I would not be here today if it wasn't for HC&S, that's where I went for my apprenticeship as an electrician apprentice and that's when I...from then because I could get into the County as a electrician helper. What I'm saying is I'm...in my past experience, maintenance manager, the past ten years we've done...I've done a whole bunch of interviews. Not counting the operation side in Wastewater, but the maintenance, central maintenance, the last seven individuals we hired as employees, three were electricians, four were mechanics, and they all came from HC&S. It's simply because they have the experience, the expertise, the knowledge, and they always were on the top three. So I'm not saying I'm creating jobs for HC&S, what I am telling you this is this, from my past experience I'm pretty positive that the three equipment operators, the two mechanics, and possibly some of those landfill attendants will come from HC&S. As you guys know, HC&S, there's gonna be about 600-something families with no jobs this year, yeah. Now, creating eight to ten, that's not maybe a big part of all these jobs but eight to ten families who won't be homeless, I think is huge. So if you guys can...all I'm asking is it's an option that can be added to the budget and I ask you, the Councilmembers, to really sincerely think about adding this into our budget and look at the three objectives on why I want to open the landfill. Now another direction, okay, we talked about is the REUSE Central Maui, okay. I'm passionate about this, you guys know. Now I looked...when I looked into Kahului Plant, right now, we spent thousands and thousands, in fact, it's gonna be millions when we get this equipment in there this year, and it's all in the direction of creating or getting Kahului Plant to R1. Now I...when I stared at Kahului the first place I looked at where, how do I put it, we're gonna have really clean water, okay, in the next two years. My goal is to have Kahului Wastewater Treatment Plant an R1 plant within the next two years. Now, when we have all this clean water, where do we put it? Okay. So my first objective, look at the closest resource that we have and it was Kanaha Pond, okay. Now, I looked at the...I don't know if you guys remember about 2010 or '11, the pumps broke and the pond dried up and you could smell the fish from Kihei, it was just, it was nasty, okay. But when I looked into this and what happened 'cause it was mentioned on... 'cause we have millions of gallons of water,

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could we feed this pond? Well there is something that the Environmental Management Protection Agency so we're looking into this now to get a hold of someone there who could verify this because what it said back in 2011 is it forbid using treated sewage wastewater in an endangered bird habitat. So what I'm looking at is this is if back then maybe they were just looking at R2 but if we get that plant to R1 we could revisit this and maybe supply water to Kanaha. So there's...I just giving you guys...is this what we're gonna do, no, this is just my direction or my goals on what I'm looking into right now on certain projects because we don't even have...the R1 water, we'll take it to a quality that will be really clean water. If you guys gone to Kanaha, if we had a rating called R3 or R4, Kanaha wouldn't even qualify, that's how bad the water is there. Okay. Another option I'm looking at on getting the water out of Kahului Plant is...I pulled this up and the history, I guess, the Water Department had looked into acquiring the old Maui Land and Pine there's 2 12-inch pipes that run from behind the cannery all the way, it goes to Lono all the way to Kuihelani Highway across to the HC&S land where they have a single pipe that can supply water. Right here on Lower Beach Road, okay, this is my goal why we've been working on the last two months to acquire this pipe, because my long-term goal is when we have R1 water, we need to get it out of the plant, we at least have this option available to us. Where we have an old abandoned force main that went to the Wailuku pump station, so from the wastewater treatment plant at this corner on Lower Beach Road, I want to tie in...I want to add a pipe here. from here go up Kane Road, come down, either come all the way from Kamehameha and attach to the existing Maui Land and Pine pipe and this would give us the option of getting the REUSE water out of there and all the way through HC&S land. So this is just one of the options I wanted to show you guys as far as REUSE in Central Maui. The Wastewater, now this turbine technology and sludge drying, okay, again another study, okay, there's so many studies I went back and I found. We spent millions of dollars with a lot of studies, but there wasn't as much projects coming from these studies. This study for a turbine technology was done in 2012, I believe, and it's incredible technology but no project came out of it. Right now I had the Department, our Department in the next week...by next week there's gonna be an RFP that's gonna come out and the RFP is gonna be a power purchasing agreement where we're gonna...using this turbine technology and a sludge drying at the...and we're looking at doing it at the Kahului Wastewater Treatment Plant. What this does, this turbine...here is just a picture of one of 'em. What is so special about these turbines is they run on any type of fuel. So my goal is eventually we're gonna have what the Anaergia MRRF system, wherever we can find renewable energy in the future, my goal is to use that fuel to run this turbine. Until we get that fuel, my goal is to bridge the gap using fuel like propane. But what happens is we can...Kahului Plant with a turbine technology like this will be the first facility that will be completely off the grid. No more paying Maui Electric for running this facility, but what also comes out of this technology is this turbine creates incredible heat. That heat goes through a sludge dryer which dries our sludge. Presently at the Kahului Plant, the sludge is dried to 14 percent so you guys realize that the tonnage it's very heavy coming out of there, and we pay between 600,000 and \$700,000 for the tonnage at the...from the Kahului Plant. With this dryer, we can dry that sludge up to just over 80 percent which means we could save our Department over half a million dollars, not to mention long-term goal is to just taking that sludge and mixing it with dirt and possibly using it for land

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coverage at the landfill. So this is...I'm really excited about this project that's gonna be coming up with a power purchase agreement. Now, recycling center, we looked around the island and I looked into the history of a recycling center in Lahaina, and I asked why we didn't have one there and the history was that the previous study identified the Cannery Mall as a potential area for a recycling center but the landlord wanted to, I guess, to develop. But since the shopping center across the street has been built we're gonna go revisit the Cannery Mall and see if we can get a recycling center place there. Also we're looking at the possibility of, you know, purchasing one or two lots at the Keawe Street Industrial Park for the recycling center and baseyard for our REUSE [sic] staff. As you know, our REUSE [sic] staff is using the Lahaina Wastewater Treatment Plant and this is, I think, I was involved in moving them the first time, now they gotta move a third time because just the lack of area that we have at the Lahaina Wastewater Treatment Plant, so that's what we're looking for as far as the recycling center in West Maui. And the project of the Solid Waste Division for Anaergia, okay. So this Anaergia project...I just came back from San Diego so you guys imagine I had to learn a lot of, not only the compliance issues, but everything, all the projects that was handed to me. Said, here you go, go ahead, run with it. So I went there to learn a lot about what was happening with this Anaergia project. And today if the Council, Madam Chair, we do have a rep from the company Anaergia, if you wouldn't mind I could bring him up and answer some questions that the Council, anyone might have in regards to the Anaergia project.

CHAIR COCHRAN: Okay. You have comments now or you would like to --

MR. STANT: Oh. We can...

CHAIR COCHRAN: --bring him up now?

MR. STANT: We can wait 'til the end. I'm almost done then. Okay.

CHAIR COCHRAN: Okay.

MR. STANT: Okay. And then so for the wastewater, there's just, it's only two more slides. But the wastewater we asking for FY '17, we're asking for three positions. The one is a GIS position. The...we have one GIS right now and since they created the one call center where they have to make sure they answer these calls and let the contractors or vendors all know where the infrastructure for our wastewater pipes or whatever may be, 70 percent of our present GIS time is used on this one call center now. So what we did is instead of asking for a position, we contacted MIS and to see if they could handle, you know, a one call center or having these calls directed towards, to MIS and at this time they can't, they don't have the manpower or know how because a lot of, all the information is in wastewater themselves. So we're asking for a GIS position and what would happen is that GIS position would take care of all this, the one call center, and our present GIS can go back to doing the jobs on our design, our construction, our maps, and his normal responsibilities. That's the position we're asking for, you'll see it in this budget. Second position, okay, I'm not asking for a new position. I'm actually asking the Council in the budget if we can reinstate the operations manager

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position. This was a position that was taken away last year. I know this position well because I worked sideline to this position. This position...he was...he took care of the operations of Wastewater, I took care of the maintenance side, so although we had a lot of responsibilities were the same, we also had a lot of responsibilities that wasn't the same. What happened, we lost this position, I can tell you 'cause I was there. His responsibility was divvied up to like six different workers and I was one of them. What I got was I got the responsibilities of all the work orders that was sent in from all the facilities, all the operations, and I would prioritize them, go through 'em, make sure they're all legitimate work orders, and I would have to assign them to the different trades. That was just a small portion of the responsibilities, so it had to be divvied up, and now because I got a lot of responsibilities, my present job as maintenance manager, I had to, you know, have my electrical sup, mechanical sup, take some of the responsibilities that I was responsible for, so this position is not asking for a new position. I just ask the Council to reinstate, please reinstate our operations manager because this is...it's key as I can tell you. It is important to have this position back in Wastewater. And a third position they're asking for is a painter, okay. Again, I was the maintenance manager so the painter actually worked for me. We have one painter in Wastewater. I'm not talking about a painter, we could contract painter. In fact, Wastewater in Kihei right now, we're contracting a painter; they're painting all the buildings and so forth right now. What I'm talking about is your everyday painter to doing maintenance. As you guys know, most of our pump stations are shoreline. In fact, one of our wastewater plants, you could literally start at one end of Kahului Plant, corrosion proof paint go to the other end and you'd have to start all over again because there'd be some corrosion coming out. The operators every day, on daily basis, go down our pump stations, if there's something, a pump, a pipe, paints chipping off, they'll call up, they'll send a work order for the painter, painter will go down. Daily, you could use a painter every single day. I mean, we have 42 pumping stations, 5 wastewater facilities, and we only have 1 painter. So we're asking for a second painter in this upcoming budget. And then lastly, the CIP for Wastewater, the gravity collection system, wastewater pumping station, wastewater pump stations, and a wastewater treatment plants, and also, of course, our recycled water systems. Okay. So that sums up the whole presentation, but, Madam Chair, if you don't mind, we can go to the Anaergia part on the questions.

CHAIR COCHRAN: Yeah. Before we do that --

MR. STANT: Okay.

CHAIR COCHRAN: --I want to recognize Ms. Stacy Crivello. Good morning.

COUNCILMEMBER CRIVELLO: Good morning, Chair.

CHAIR COCHRAN: Thanks for being here.

COUNCILMEMBER CRIVELLO: I apologize for my lateness.

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CHAIR COCHRAN: Not a problem. And, well, Members, do you want to ask of questions now in this portion of the presentation or you're ready to have Anaergia come and discuss a little bit about their contract and whatever needs to be looked into with the Anaergia representative?

VICE-CHAIR HOKAMA: I would ask if you would consider questions from the Members on just what Mr. Stant, our Director, presented.

CHAIR COCHRAN: First, yeah, okay. Very good. Yeah, Members, at this point, just from the presentation of Director Stant, do we have any, I guess, questions, comments that we need for clarification? I guess for me, number one, I didn't see any dollar amounts and so, Mr. Hokama, as Budget Chair, I'm sure that probably rang in your head, too. It...I'm counting, I guess, seven E/P; one reinstated; you have three vacant, and so, you know, the recycle use in Kahului. I think my big thing about the Kahului Treatment Plant is I've always bring up the point that A&B has ten acres, they're supposed to set aside for us for one day to move that plant. And as we know where it's located as you're stating, I mean, we have issues, and I've always wanted it to go elsewhere. And so to think to put in so much more work and upgrades and money into a plant which I'm hoping that would be relocated some time, you know, I'm just trying to vet out in my head if some of these upgrades can maybe be put towards another plant versus that one in particular. I mean, we want to be in compliance, of course, and we want to be online but I think to dump a lot, not dump, but, you know, put a lot of money into that particular one for me, I kinda have questions about that. But I love the idea about utilizing the R1 and the old Maui Land and Pine pipeline which we've all discussed and I know there's a huge price tag attached to that one. But, anyways, those are just my comments in regards to the Kahului Plant.

MR. STANT: Would you like me to comment on that, Madam Chair?

CHAIR COCHRAN: Sure.

MR. STANT: Okay. As far as the Kahului Plant, I can assure you that the infrastructure that whatever we are, we build from this day forward, if we ever decide we do move the plant, that infrastructure will move with it. In fact, even the Sigma, the study we did with using the UV system at the end result in a contact chamber that's a retro system that just plugs right into the contact chamber. Then we'd be able to move, like...so we won't lose any, you know, added infrastructure that we're putting into the system. As far as moving the plant, I do agree, moving the plant. The only difference I'd like to revisit that is thinking we could move the plant and get it out of the tsunami zone, but we have a lot of shoreline stations that we should direct our attention of moving first. So I'd want the Council and, you know, our Department to look, revisit and take a look at actually concentrating on moving these stations first before looking into the plant, because suppose if a tsunami did hit, it's not gonna really matter having a plant there because your shoreline pump stations are all gone, so there's gonna be nothing pumping to the wastewater plant. So my ultimate goal would be moving the stations all first, you know, on individual projects and then focusing on last on moving the facility.

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CHAIR COCHRAN: Okay. Thank you for that. And in regards to that turbine technology and sludge drying that you want to put there, that, too, is something that's movable that can be relocated?

MR. STANT: Yes, it is.

CHAIR COCHRAN: Okay. All right. And, Members, so the floor's open if you have any further comments or discussions for Director. I'll start at...Mr. Carroll, I'll start at your end and work our way down. Mr. Carroll?

COUNCILMEMBER CARROLL: Thank you, Chair. Seven days is ambitious especially with the cost, yeah. I know on Molokai before when many, not that many years ago, I don't know, in about 2005 or '04 or so, we needed to have the days off for the rubbish pile; so Mr. Kawano at that time said, well, close Saturday but have Sunday open. Well that fell on its face because everybody over there really revolted and said, eh, we want it on Saturday, that's when we work, and there wasn't that much business Sunday and they changed it back to Saturday. All right, that little talk brings into question, how much do we really need that landfill open on Sunday? That little experiment fell on its face, so I think we shouldn't be too fast to jump on seven days. Six days, I could see it, you know, working, cost-wise and everything else. But I question, is it really necessary to go for that full seven days? And we're looking at cost over here and now of keeping it open and man hours spent. So I really think we need to look at that little bit more closely. Thank you.

CHAIR COCHRAN: Thank you, Mr. Carroll, for your comments. And Ms. Baisa?

COUNCILMEMBER BAISA: Thank you very much, Chair. First of all, I would like to say that I'm very impressed with the quality of the stuff we have before us in such a short time. Thank you very much. You know we've been hearing so much recently about qualifications for department directors, I think you've got them and you certainly gained them the hard way which is always, you know, when you start at the bottom and you work your way to the top, you know the whole thing. So that really is wonderful, thank you. About the landfill on Sunday, I have to tell you that I can't think of a person from Upcountry who I've talked to in a meeting or even informally who hasn't brought up this issue of the Sunday...the landfill being opened on Sunday. A lot of people would be really happy if we could do that. It's their day off, it's the day that they can clean their yard and, you know, trim the trees and do whatever it is they have to do, and it would save, I think, even though we would spend more money, I think we might save in having people dumping stuff all over the place. I was just appalled this morning as I came to work to see a king-sized mattress that had been thrown on the side of the street in Makawao. I mean, you know, people are just careless, they don't think and because they don't know what to do with it they just throw it on the road. Now whether or not that would have been done better on a Sunday, I don't know 'cause, you know, people that are gonna throw stuff throw it. But I think it would be a big convenience to our community and it may be something that as we go out to budget hearings, we might want to ask people about so that we

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get an official read. But I can tell you informally, everybody that I know talks about how nice it would be to have it open on Sunday. So I understand, you know, we're in fiscally tough times but we need to look at what works. You know, we took a lot of criticism recently and it was coming from somebody who, you know, everybody listens to and that was about the landfill closures and due to staff shortages. And I hate to bring that up, but could you just say a little bit about it?

MR. MIYAMOTO: Thank you, Member Baisa. When we're trying to fill the positions, the one thing that we try to do is promote from within. So typically at the outer landfills, the rural landfills, typically we had the supervisor, you've given us an equipment operator, we have an attendant, and we have a laborer. So when you gave us the operator it gave us an opportunity to promote our landfill attendant provided they had a CDL. So then when we promoted the landfill attendant, now we have a vacancy at the attendant position. So now we're still short staff because we're filling from within, and then so when the attendant position came vacant now we try to fill that position from within, the laborer now is hired for the attendant so he has a better job. So now most of these positions that are remaining to be filled are at the bottom end, the laborer type, the laborer II positions. And that laborer II list has a lot of names, so we're doing interviews sometimes upwards of 15 applicants to fill 1 position, so we're going through that process of trying to fill those positions. But we've put it as a priority and we're pretty close to being completely staffed and so we do expect the closures to diminish, if not be eliminated.

COUNCILMEMBER BAISA: Thank you. I think it's a good opportunity to have the public hear your side of this because they always hear the other side, so good to hear from the Department what you're doing and the reasons, so thank you very much. Thank you, Madam Chair.

CHAIR COCHRAN: Thank you, Ms. Baisa. And that's definitely top question. Unfortunately I see the little blurbs in *The Maui News*, this landfill closed, that...I mean, all across our County so let's see that definitely diminish and go away. So thank you, Department, for working on that. Ms. Crivello?

COUNCILMEMBER CRIVELLO: Thank you, Chair. And I'm sorry I missed most of your presentation, but I don't doubt it was quite informative. So we've on Molokai pretty much addressed manpower shortage, I believe, from the Department. But I would say, you know, when they had change the closure on Sundays and Mondays, that didn't go very well on Molokai. Okay. Simply and, you know, I don't know how you can get creative and without having to just constantly fill manpower, but sometimes we have to go completely out of the box, sit down with union, and see how you can close other days or have them work ten-hour shifts just to fit it all in. At one point I was told that you also have your scale person that needs to be there for the businesses, you know. I would say put a sign out there, we're not taking any loads for Saturday/Sunday for the businesses. So I only can speak for my island. The heavy duty trucks don't come out on the Saturdays and the Sundays, but the opala piles up from Saturday afternoon, Sunday, and then Monday and many of the businesses on Molokai cannot utilize the landfill when they need to use it. So I think for the businesses, it's Monday,

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it's also closures and I'm sure that's on this island also. So I would hope instead us having to constantly look at creating more position, work towards filling the existing is that's...that was kind of a resolve that happened on Molokai and so...and the other thing is how can we get creative working with the union and the employees to see how it can work around so that we can accommodate the dumping of rubbish. I take my rubbish to the landfill myself. So I come home on a Friday and then Saturday, busy catching up on so many other things, by 2:30 too late, 2 o'clock, you know, landfill closed and then I'm on the plane Monday. So, you know, you work it out but it would be helpful if we can have to accommodate the public as to how we should be doing that on that. So thank you. Thank you for your efforts. I think we're gonna be able to work together on this, so thank you.

CHAIR COCHRAN: Thank you, Ms. Crivello. And, Department, did you have any comments for Ms. Crivello or maybe any plans for Molokai at all? Have you addressed... 'cause you've been mentioning a lot about Central Maui Landfill but not so much the other islands.

MR. MIYAMOTO: Yeah. The interesting thing, you know, the...we currently at now have the... 'cause we're fully filled, we have the five positions and generally they just operate on five eight-hour days. The thought for maybe on the weekend may be...we can revisit the idea of how sometimes they used to have like...they used to put a trash bin outside the gate or something like, sort of like a transfer type station maybe. Something that maybe that, you know, we can put the...the residents could put the trash in like a roll-on/ roll-off or something like that where we do have in Olowalu where they can put it in the transfer station and then when the landfill opens on Monday someone can drive that into the landfill and then...so something we can look into and see what the cost would be, what may be the possible implications, and how we can get that done.

COUNCILMEMBER CRIVELLO: I appreciate that. Thank you.

CHAIR COCHRAN: Okay. Thank you, Mr. Miyamoto.

COUNCILMEMBER CRIVELLO: Thank you, Chair.

CHAIR COCHRAN: Okay. Thank you, Ms. Crivello. And Mr. Hokama?

VICE-CHAIR HOKAMA: Thank you, Madam Chairman. Thank you, Department. It's quite exciting to have a Director that has a sense of where the Department wants to go and how he wants to move forward and achieve it. So couple things quickly, under your accomplishments you shared with us the wind turbine generations at the Central Maui Landfill. Can you tell us currently the percent of power that it provides your requirements? Does it take care of half the landfill's requirements, 100 percent of the landfill requirements? What does this generation provide you with?

MR. MIYAMOTO: The project is part of that EPA consent decree. We're pretty much required to mention that, that was on the slide that this was part of a settlement that in

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resolving a violation that we had, I think it was the installation of the landfill gas system, gas collection system. And it should generate as much...when the system is fully operational and the winds cooperate, it should be able to provide 100 percent of what we need at the landfill. We power the office building and we can also use it to power parts of the flaring system. So if the winds provide prevailing winds, we should be able to power everything for that period of time.

VICE-CHAIR HOKAMA: Well that's good news, so thank you for that. Again, Director, you have a ambitious consideration for us. Is everything that you shared with us in this morning's presentation already part of the Mayor's proposal or is this all outside of what the Mayor is sending to the Council in March? Or are you aware of whether this is part of the Mayor's submittal to us or it's outside of the submittal?

MR. STANT: Some of this is, others...and I can, if you want I could point out the projects. I mean, the positions not for the landfill but as far as the Wastewater positions those are part of the Mayor's budget they're putting with the other...it's just a landfill opening positions, the other projects that's not in the budget. I came into a time when all the decisions for budget had already been completed.

VICE-CHAIR HOKAMA: Okay. Well we understand the cycle you're in, Director, as our new director, and I can appreciate your situation, your place, and the time and your place during for the budget requirements. So stating that, you know, at the end of the day for a lot of the Members...do you have recommendations that you've submitted as far as how to pay for all these requests? Is this something you're looking at, solid waste fees, sewer fees as adjusted to help provide the resources to provide you this request?

MR. STANT: Yes. We have...we've done the numbers and we do have that information, what we proposed.

VICE-CHAIR HOKAMA: Okay.

MR. STANT: And if it's added to the budget.

VICE-CHAIR HOKAMA: One thing so we are clear from the Committee's standpoint, when you say that the average fines is 800,000 a year, this is...how much of it is due to any consent decree requirements? All of...some of it, most of it, none of it? Can you give us a sense of, regarding the fines?

MS. THOMSON: Yeah.

CHAIR COCHRAN: Ms. Thomson?

MS. THOMSON: I have a general answer, would be that in the five years that I've been here, the majority of the fines would have been part of settlement agreements, rather than outright fines.

VICE-CHAIR HOKAMA: Okay.

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MS. THOMSON: So they were a component, I should say, of the settlement agreement.

VICE-CHAIR HOKAMA: Okay. So adding these positions would not eliminate the fines?

MS. THOMSON: From a compliance standpoint, adding positions like regarding some...take closed landfills specifically, we have certain duties under our closure plans and those closure plans require manpower. So in addressing the closure plans and avoiding any fines associated with noncompliance, I could see that those positions would address fines. It's not a straight-line way of addressing it but it's a proactive way of addressing those issues.

VICE-CHAIR HOKAMA: Okay. And the Members are aware, closure plans and whatnot is a long period of time, about 20-30 years closure plans. So take like Olowalu...

MS. THOMSON: Thirty.

VICE-CHAIR HOKAMA: Thirty years, okay. At least we have a good sense of the Members. So, you know, confirming that, Olowalu, we've been closed for a while, we've have that flare for burn off of excess gas and whatnot. We have no...we had no plan from the time we closed that thing that now we still depending...is that one of the areas of fines and penalties, Olowalu? I can understand Waikapu, we've pretty much ignored it, but Olowalu?

MR. MIYAMOTO: It's one of the potential areas as the waste settles and everything we've had, we've experienced, I won't call them cave-ins but we've experienced some depressions in the surface of that landfill and we've had to address those. You know, those have been...we've been trying to contract that out at this point but the...that is an area that, you know, is a potential area we could get fines and that this proactive maintenance could certainly be moved to try and reduce exposure.

VICE-CHAIR HOKAMA: Well either with Ms. Cochran's leadership or if you want to send it to budget, but I would like to have a better sense of the fines --

CHAIR COCHRAN: Yes.

VICE-CHAIR HOKAMA: --and what are we needing to comply with by agreements and that at least that should be separated out. At least we know if that is a compliance request that the Director and the Department's putting forward, is part of something that we need to already fulfill that we've agreed to, Chair, and so that's one thing, you know, to fulfill the agreement of complying. But I would like to have a sense of other components that the Director has some discretion on how to approach it, how to deal with it, how to reduce it, or other ways to pay for it. I would like to give the Director that opportunity to present that information for us.

CHAIR COCHRAN: Yeah. Very good. I agree and so, Staff, would it be most appropriate via as Mr. Hokama asked, Budget or this Committee? So whichever we deem appropriate,

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and I'm more than willing to, yeah, definitely look into that. I think it's a key component of all of this --

VICE-CHAIR HOKAMA: Okay.

CHAIR COCHRAN: --budgetary considerations.

VICE-CHAIR HOKAMA: And I'm happy...I just want to say for the record, Chair, I'm happy that the Director is open regarding reasonable and logical continued discussions on possible plant relocation. It's a big cost item, we all understand that it's gonna be something that needs to be well planned and budgeted for because it's a major, major project for this County if we undertake it. But I think it's worthy, I had the privilege and I've seen what a tsunami does to a whole region in Japan and, let me tell you, we don't want to be in that situation at all. We cannot afford to have the business civic center of this County shutdown and that's what's gonna happen if that major wave comes and hits Mr. Stant's or our people's plant, with pump stations' components and others, it's not only the wastewater, it's the potable water that will be impacted, too, and we cannot again have this County shut down. So I applaud your efforts to at least have the discussion to see whether or not the people want to pay for something that in the long run will provide us continued service during trying times. So thank you.

CHAIR COCHRAN: Yeah. You're very welcome, and it's all for the benefit and greater good of the community. And you have further comments and questions, Mr. Hokama?

VICE-CHAIR HOKAMA: I would like to see if Anaergia representative has anything they would like to share with the Members of this Committee so that we can consider it, Chair.

CHAIR COCHRAN: Yes. Okay. And before that though, in regards to our closed landfills, are there...do you know of examples of our alternative uses for them? Parks...I mean, I know we don't want to have a park at Central Maui Landfill but, I mean, Olowalu for example, but I'm hearing you saying there are depressions and, I guess, it's still settling after all these years and it's been decades. So...but I thought I heard of other parts of our nation that do utilize these old closed landfills, but I don't know, maybe there's a difference in how it was created and how they were closed up or something. So do you have any comment, Mr. Miyamoto? If you looked into this at all and, you know, utilizing these spaces for something, solar farms maybe, something where people won't actually play ball on or, you know, ride dirt bikes on or something but...

MR. MIYAMOTO: Yeah. And it is one of the things that we had looked into. You know, with the evolution of technology and everything, opportunities tend to present themselves. For example, like in the photovoltaic, the previous mentality was always, you put in the foundations, you elevate the panels, and that's...but now there's opportunities for other things like there could be like a cover, it's more pliable than the rigid systems that you see that could then put over large open areas and then that could be utilized to generate power. Unfortunately at our Central Maui Landfill, that would be a nice opportunity but the utility company wouldn't want such a small amount of power. So

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it would be hard for us to get some kind of a power purchase agreement and since we have the windmills already generating what we need at the landfill we wouldn't be utilizing it. So then we look at the Waikapu Landfill, what are the opportunities there. One of the things came up, like you mentioned, about a park and it was looking at a dog park and how we can try and utilize that big, vast open space to sort of make a public facility. So if you've noticed over the past few years we've started to clean that landfill up, we took all of those Water Department pipes off, we still have some equipment up there that needs to be removed. And we're trying to move in that direction where we're trying to look at some other potential alternatives for that. Even though we can create dog park, we now create something that we now have to maintain a little bit more stringently than we would a closed landfill. So it's something, we're gonna look at the cost also involved, operationally how would that work with the whole project.

CHAIR COCHRAN: Okay. Well, thank you, glad to hear that you have kind of discussed it and looked at those options. And then lastly in regards to your point...

VICE-CHAIR HOKAMA: Chair, one question --

CHAIR COCHRAN: Yeah.

VICE-CHAIR HOKAMA: --if you don't mind.

CHAIR COCHRAN: Oh. Yeah. Go ahead.

VICE-CHAIR HOKAMA: Are we having any issues, like in the past for Lanai, part of it was, of course, discovered and...but those unplanned combustible underground fires because of the gases and whatnot? Is that an issue in any areas of the County that you're aware of, Director?

MR. MIYAMOTO: We don't have it at our landfills per se. We've...in the past we've had the private vendor, the Maalaea facility had an underground fire there and they went through the process of depriving the fire of oxygen, I think they injected some inert gas that would hopefully put out that fire. We do have monitoring wells at our facilities and especially at Central Maui since it's the large landfill, you know, they monitor all the various components in that landfill and try to watch the temperatures is the critical thing if we're gonna...we're expecting. So we haven't had any issues. We've had elevated temperatures which we're addressing whether we need to put in more gas collection systems to try and withdraw the methane that's been building, but we've haven't had any here in the County that I'm aware of.

VICE-CHAIR HOKAMA: That methane you mentioned, is that a resource at a level where it makes sense for us to capture it and maintain it as a fuel source? I mean, does it have that kind of value or is it flaring just the best way to deal with it for, from an overall management standpoint?

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MR. MIYAMOTO: A while back we had put out an RFP for it. We actually selected a company that was gonna utilize that methane gas to generate somewhere close to like a megawatt of power. The challenge they were, we were having was a liability issue, they wanted the County to remain totally liable for the system, and then their challenge became it's such a small amount that the utility company didn't want to take it. So what we've done is in the RFP for the waste-conversion project, we've rolled it in as an asset that could be utilized in the waste-conversion facility. So it is being something that they can utilize and help maybe power for their...whatever power they need to operate their facility. So it's something that they could utilize.

VICE-CHAIR HOKAMA: Okay. So you're putting together your values and whatnot of what that is as far as a resource for the County.

MR. MIYAMOTO: Yes. I think the methane levels were somewhere in the 50 to 60 percent methane in the gas that we extract from the landfills, so it's something that they're working on.

VICE-CHAIR HOKAMA: Okay. Well, thank you for those good work. Thank you, Chair.

CHAIR COCHRAN: Okay. You're welcome. And then lastly in one of the early slides about accomplishments, Director Stant, you mentioned designing the extensions of recycled water distribution lines along Kaanapali Parkway. And so where is that at? Are you looking to submit something during this budget to build this out or is there a timeline on when you were thinking of doing this, or --

MR. MIYAMOTO: Typically...

CHAIR COCHRAN: --Mr. Miyamoto?

MR. MIYAMOTO: Yes. Typically what we do in our Wastewater Division is we spend a year designing, and we take...there's sort of an alternative year. One year we design, there's a break, and then construction occurs after that as we go through the permitting process. So we're in that design process right now, so it probably won't be in '17, it may be in '18 where we start really working towards the constructing of extending that line and providing the other resort facilities the opportunity to access reclaimed, recycled water.

CHAIR COCHRAN: Okay. Thank you. 'Cause I had just done a site tour around the Westin there and they're doing...they just got the Aipono Awards or something for all their green and sustainable practices and their landscaping. I mean, awesome work, so I wanted to go and take a look and what are they doing, how are they doing it. And, you know, I mentioned R1 and they said there's a difficulty in utilizing because of the salinity as we all know, our waters there in Lahaina especially, and then the type of, their landscaping will really take a hit, they're gonna have to switch everything out. I mean, it's gonna be a huge, huge undertaking and you can't water during, you know, during the daylight, around the pool 'cause the people and...so I can hear all these concerns and the transition is going to be really onerous on the facility, you know, the

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hotel itself and the people. So I'm trying to weigh out, I mean, as much as we all know, Mr. Stant, I want to utilize this R1 more than the next person and then thinking this would be the best opportunity, but then hearing their side of the picture, I'm like...because they're already doing at Honua Kai. This gentleman started that project but now he's at the Westin Maui in Kaanapali and he said he knows the difficulties there. They're making use but to transition an existing property into this and the whole irrigation system and, you know, all that stuff digging who knows all that flagstone and whatever, and they got waterfalls and you name it. So I'm just letting you know ahead of time that I understand we have that law in place that states you need...you have to use it when you're within, you know, 150 feet, I believe, of a line and now we're gonna force this upon these businesses and entities and creating a hardship for them. I just, you know, trying to work this through to make sure that we're not creating, you know, again, hardship to someone in this community. But I know it's a good use of a wasted resource currently so I don't know. I mean, are you folks...have you looked into that or thought of that?

MR. MIYAMOTO: Yeah. Regarding the quality and the salinity, that's why, you know, through the consent decree programs that we were...we have in place, you know, we do nighttime testing of the wastewater that we collect, we do...we take...we try to find where is that, the salinity changing meaning we're having inflow of water, groundwater that's increasing our levels. So we are...we have an active program, it looks to plug a lot of these so-called holes that actually people are worried that sewage gets out but actually it's groundwater getting into our system that's more what happens rather than we spill the wastewater, and so we're working on the quality of that recycled water at this point. As far as distribution, you know, it may change...it may have to...it may take a change in the mentality 'cause they could easily go to a drip-irrigation system that doesn't really spray the water. Spraying the water is the easiest way to do it, you know, it's easy to just spray it and, you know, just let it go, but if you do drip irrigation where you can be more specific and to the point you may actually save money because you may not need as much water because the water's getting exactly where it needs to toward the root system rather than spraying it all over the leaves and everything else and where, unintended locations. So it may take a change in their mentality on how to utilize this asset.

CHAIR COCHRAN: Okay. Well very good, Mr. Miyamoto and Director. So at this time, do we have any further discussion on the presentation? If not, Members, it's past our mid-morning break time, so do we need to take just a few minutes, take care of things? Because we are at bare quorum, I'll have to recess for a brief moment and then we can come back and have our more in-depth discussion with Anaergia. Okay. So at this point, we'll be just in a brief recess, to call of the Chair. . . .(gavel). . .

**RECESS: 10:34 a.m.**

**RECONVENE: 10:42 a.m.**

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CHAIR COCHRAN: . . .*(gavel)*. . . Will the Infrastructure and Environmental Management Committee please reconvene? And, Director Stant, I guess we have a guest in the house from, a representative from Anaergia.

MR. STANT: Yes, we do.

CHAIR COCHRAN: Okay.

MR. STANT: Jeff Walsh, Madam Chair.

CHAIR COCHRAN: And it's Mr. Jeff Walsh, so if you don't mind, Mr. Walsh, if you'd like you can come up to the podium and --

MR. WALSH: Sure.

CHAIR COCHRAN: --if you have anything to present to us now is your time, your opportunity. Good morning. Thank you for being with us.

MR. WALSH: Thank you, Madam Chair and distinguished Members of the Council and the Administration. My name is Jeff Walsh and I'm the Business Development Director for Anaergia for the Pacific region which is...includes the wonderful Aloha State. Presently as Stewart or Director Stant mentioned in his presentation earlier, we're in the process of petitioning the PUC to help us negotiate with primarily HEI but it is MECO on the island of Oahu for a potential biomass, I'm sorry, a biogas proposal. It is a petition of law that we're presently looking at with them, and it's concurrent and parallel with all the ongoing negotiations that we continue to have with MECO and HECO. Through this hearing, the PUC will ultimately decide the next step and the next step being that, yes, Anaergia, you sit down with MECO, HECO and negotiate a fuel off take. That's the utility portion of it. I'll stop for questions.

CHAIR COCHRAN: Okay. Yeah, Mr. Carroll?

COUNCILMEMBER CARROLL: Thank you, Chair. If everything went all right and tomorrow they said, you know, okay, everything's good, you can proceed, what would be the timeline on that?

MR. WALSH: Timeline with permitting, financing, construction, COD, would be late '18, early '19.

COUNCILMEMBER CARROLL: I'm sorry?

MR. WALSH: Late 2018.

COUNCILMEMBER CARROLL: Oh, '18.

MR. WALSH: Yeah.

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COUNCILMEMBER CARROLL: Thank you, Chair.

CHAIR COCHRAN: Thank you, Mr. Carroll. Members, any need for questions at this point? Seeing...oh, yeah, Mr. Hokama?

VICE-CHAIR HOKAMA: Have you already started discussions with NextEra as the potential new utility?

MR. WALSH: Very good question. And if I may, I can't comment on NextEra, but we have had discussions and we understand through our attorneys on Oahu that for all matters being related to the merger, of course, there is a decree in place as part of the merger talks that the present HEI, which is a holding company, has to have consent from the folks at NextEra and, of course, this would be under that, one of those guys. And, of course, I'm sure you've read all the different things in the last few weeks with other various projects and approvals that has to go through NextEra as condition of sale.

VICE-CHAIR HOKAMA: So you...your entity that you are representing still feels confident that from a financial point of view, it still makes sense to move forward with this agreement with the County?

MR. WALSH: Absolutely. Very confident.

VICE-CHAIR HOKAMA: Well eventually you're gonna need to reassure the Members and we're gonna decide whether we want to continue this or not, Chair.

CHAIR COCHRAN: Yes. Thank you very much, Mr. Hokama.

VICE-CHAIR HOKAMA: Thank you.

CHAIR COCHRAN: Ms. Crivello, any questions at this time? No. Okay. Mr. Walsh, you may continue.

MR. WALSH: Okay. I think with regards to the ongoing developments and what we're doing, we've pretty much done a complete study, design, revised some of the technologies to include additional offtakes, if you will, above and beyond the possibility of executing a fuel-supply agreement with the utility, with MECO. In addition to that, looking at land control, various off takes within the community of Maui for potential sales above and beyond the aggregate amount that we're presently presenting to MECO.

CHAIR COCHRAN: Okay. Thank you. Any questions on this portion, Members? Did you have further?

MR. WALSH: No I just want to say that I think it was summed up earlier as part of Director Stant's very brief description of our technology and more importantly of the waste to conversion. I applaud the County and the Administration for being very

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forward-thinking with this type of technology and this opportunity to move well beyond the, you know, the present landfill situation where we're landfilling fuel.

CHAIR COCHRAN: Thank you. And, Mr. Walsh, I guess you saw that the EKO people are here, and I noticed on the slide it says the EKO infrastructure and people will be integrated into your MRRF operations. Can you comment on that?

MR. WALSH: Yeah. We--and I apologize for not getting back to you sooner before the meeting today, sir--but I've actually met with the HECO...EKO people. Freudian slip there, sorry. Last July, last August I assured them that we'd continue to have negotiations and talk with them, but presently we are focused on the off take of the products, primarily electricity and/or biogas and/or a combination of both of them.

CHAIR COCHRAN: Okay. But you will be in dialogue...

MR. WALSH: Absolutely.

CHAIR COCHRAN: Hopefully soon. Okay. Thank you. And I guess little more talk I suppose on this fuel off take, is that also the RFD product, too? Or you... 'cause you're just mentioning the gas and...

MR. WALSH: The RFD is a, definitely a small, a somewhat smaller portion of the overall biogas but through pyrolysis and/or gas treatment it is also introduced into the digester and ultimately methane and/or biogas.

CHAIR COCHRAN: Okay. So you can utilize that product back into your system --

MR. WALSH: Absolutely.

CHAIR COCHRAN: --which will turn...oh, okay. 'Cause I know that was a comment that the refuse...what does that stand for, fuel...

MR. WALSH: Yeah.

CHAIR COCHRAN: It's like pellets, I guess, they were gonna be bricks or something material.

MR. WALSH: At one...yes. At one point my predecessors looked at that as an option.

CHAIR COCHRAN: Okay.

MR. WALSH: You know, as a supplement to, you know, solid fuel --

CHAIR COCHRAN: Right.

MR. WALSH: --combustion on Oahu.

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CHAIR COCHRAN: Right. And that was, I guess, an issue, not issue but a concern...or trying to figure out who would be purchasing this and --

MR. WALSH: Exactly.

CHAIR COCHRAN: --if not, then you're just gonna landfill it anyways so it's like, well I thought the point was to not have things go back into the landfill. And, I guess, my other question is do...can entities dig up our old landfills and sort of go back in and utilize what's there covered and as is, a facility like yours or...

MR. WALSH: Sure. Sure. Under our present service agreement with the County, the actual flare gas that's being utilized now, we would take the equivalent fuel of that and introduce it into an anaerobic digester. The actual reclamation of stuff that's buried there is not, but I would refer it to Director Stant and/or Deputy Director Miyamoto.

CHAIR COCHRAN: Okay. And I'll follow up with them on that. And, I guess, in the early discussions of your folks' contract, you have not done such a facility anywhere. We're sort of the first...gonna be first of its kind in a sense?

MR. WALSH: A combination of different components are utilized all over the world with regards to the anaerobic digestion portion of it. Everything from green waste to ag waste is very well developed, especially in Europe. Most recently we've developed three different projects in Southern California that utilizes some of the waste sludge that we referred to earlier in the presentation where we take also waste that generated from wastewater facilities and digest it. With respect to the front end and the collection, we've built all of the components and aggregated a bunch of projects since then and most recently signed a couple of service contracts, one of them with the country of Cyprus in Europe. It is leading-edge technology and the sum of the parts has been utilized all over the world through our company, and just one final part on that, it's a vertical-integrated company. What I mean by that is not only do we develop and design the technology we also manufacture equipment, and we have a whole capital sales division that utilizes all these different technologies and the sum of these parts put together. And we also do a like a MRRF here, where we'll do a system integration of all of those different components. This just provides us with an incredible opportunity to take all of the waste, all of the feed stocks, and treat it as one.

CHAIR COCHRAN: Okay. All right. Well, very good. Thank you for being here. And, Members, do we have any questions for Mr. Walsh or any for Department?

VICE-CHAIR HOKAMA: I would just ask, Chair, that the Department keeps communications with you on changes in the status regarding this subject, please.

CHAIR COCHRAN: Okay. Yeah. Very good. If, yeah, Department, that would be greatly appreciated. Thank you very much. And so, Mr. Walsh, I suppose, thank you for being here and sharing a little bit about yourselves and --

MR. WALSH: Sure.

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CHAIR COCHRAN: --and what you intend to bring here to our community.

MR. WALSH: And thank you...

VICE-CHAIR HOKAMA: I have one question for the gentleman, please, Chair.

CHAIR COCHRAN: Yes.

VICE-CHAIR HOKAMA: Is everything dependent on the PUC's decision on whether or not this merger goes through or not in your efforts to provide the County the product?

MR. WALSH: Yeah, that's a real easy answer. No.

VICE-CHAIR HOKAMA: Okay. So regardless of the PUC, your project goes forward and we should be able to get some kind of sense of movement as we progress forward?

MR. WALSH: Yeah. Well, once again there's a bunch of parallel paths as you could probably agree, or I'm sorry, understand the amount of capital we just had to invest just with respect to the development and to...at the end of the day to live and die with an outcome of the PUC, whether the utility are gonna take our gas or not is it's not in our good interest. So as early as last summer, we started looking at parallel paths for that particular product. And that product...

VICE-CHAIR HOKAMA: Understood, understood. At an appropriate meeting, Chair, then maybe they can help us understand what is their investment and how it makes sense regarding the role that they play with the County's efforts to move forward, because, you know, we heard that but I would like to know what is the investment. Is it just physical, financial, privilege, intellect property, whatever it may be, I would like to have at least a sense of understanding what is this investment, what they expect of a return on this investment, and then again at the end of the day, what is the County's benefit.

CHAIR COCHRAN: Yeah. I guess, we can probably start a item in this Committee. Well maybe it might go to EAR, I'm not sure 'cause it has to do with energy, but we'll see where it lands and for this subject matter in and of itself to discuss and hash out all the details about it. Yeah.

VICE-CHAIR HOKAMA: Maybe just...and just something to think about, Chair, I would prefer to try and keep consistency on where the subject is so that people who want to follow can follow instead of going like --

CHAIR COCHRAN: Different items.

VICE-CHAIR HOKAMA: --well there's a dead end in Ms. Cochran's Committee, so what happened to it?

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CHAIR COCHRAN: Right. Yeah. No, and that's true too. Yeah. Thank you for that point and I guess we know what we're doing and how we follow things as crazy as it can get, but obviously the general public it's quite difficult. So yes, you're right. We should keep it as simple as possible. So we will figure out the best avenue for that --

VICE-CHAIR HOKAMA: Thank you.

CHAIR COCHRAN: --and to make sure that it's clear for everyone to follow, and Department and our public entities to be in touch with us and, yeah, working together, making sure we're transparent and open and making...keeping everybody involved every step of the way, so yes. Thank you very much. And, Mr. Walsh, thank you for your time and being here with us and also the EKO company that's visiting. And, I guess, you can have a seat, I suppose, unless you want to keep stretching your legs and...

MR. WALSH: No, just thank you very much for the opportunity.

CHAIR COCHRAN: Okay. You're very welcome. And I guess I had a quick...I wanted to jump back into the PowerPoint that you shared earlier, just happen to cross my notes again, and it's about the recycling center in West Maui. I know you mentioned that you're gonna be looking into Cannery Mall and discussing with them 'cause previously they had plans, and I believe little did they know they were in the...had to keep the building historical like a cannery and they're like, oh, wait a minute, we can't do our triple story Ala Moana looking building. So those plans were scrapped so now you want to go and revisit. I have to say that they have been so open and I thank them so, so much for having monthly recycled events there at their parking lot and they have been top of my list to figure out. So I'm glad you folks are following up to see if we can get a permanent thing happening there. And then also Keawe Street because it's Industrial zoned already for such use, but I wanted to just throw out there too and I don't know if you folks have looked into this but I know Kaanapali Land Management is in the process of doing...selling lands and what have you. And around where the smoke stack is I noticed they opened up a section which would connect to Papalaua Street where Alii Dry Cleaners and Subway is and I see the school buses come in and out of there and so I just wasn't sure...and in there it looks like a perfect area and it's probably zoned appropriately also to maybe have such a facility, and I see that new egress, ingress and egress could be, you know, used. So I don't know, I know it's under negotiations of a new landlord or something of that sort, so maybe something to look into with new people coming in in that area. And I think that's about all I had for you folks. Members, any last thoughts or burning desires to --

VICE-CHAIR HOKAMA: Chair?

CHAIR COCHRAN: --talk to Department about? Yes?

VICE-CHAIR HOKAMA: I just want to commend the Department for being open and candid and communicating with this Committee on some of their goals they want to --

CHAIR COCHRAN: Yeah.

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VICE-CHAIR HOKAMA: --promote and create as a priority. I think it's good to know the Director's vision, where he would like to go, and I think this is very helpful as we enter budget.

CHAIR COCHRAN: Yes. Very good. I share your comments, Mr. Hokama. And our opening meet and greet kind of time in my office, I mentioned to Director that that's what we would all would like to see especially heading into budget, being new to the scene, like to just kind of, you know, feel out where you're headed and how that relates to, you know, what we're thinking also, and, yeah, looking forward to the work. And thank you for your wonderful presentation. Members, if there's no further discussion or any more items on the agenda, this meeting is adjourned.

VICE-CHAIR HOKAMA: You're gonna defer, Chair?

CHAIR COCHRAN: Oh, sorry. And this, yeah, for this one we shall defer --

VICE-CHAIR HOKAMA: No objections.

CHAIR COCHRAN: --being priorities and procedures, presentations.

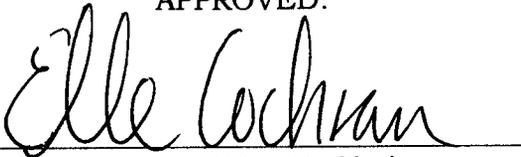
COUNCILMEMBERS VOICED NO OBJECTIONS. (excused: GB, DG, MW)

**ACTION: DEFER pending further discussion.**

CHAIR COCHRAN: Okay. Thank you, Department and everyone involved. Mahalo. This is adjourned. . . .(gavel). . .

**ADJOURN:** 11:00 a.m.

APPROVED:



ELLE COCHRAN, Chair  
Infrastructure and Environmental  
Management Committee

iem:min:160301:mb

Transcribed by: Michelle Balala

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CERTIFICATE

I, Michelle Balala, hereby certify that the foregoing represents to the best of my ability, a true and correct transcript of the proceedings. I further certify that I am not in any way concerned with the cause.

DATED the 21<sup>st</sup> day of March, 2016, in Makawao, Hawaii



Michelle Balala