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DEPT OF PLANNING
AND PERMITTING
CITY & COUNTY OF HONOLULU

Attorneys for Intervenors
KO OLINA COMMUNITY ASSOCIATION
and MAILE SHIMABUKURO

BEFORE THE PLANNING COMMISSION
OF THE CITY AND COUNTY OF HONOLULU
STATE OF HAWAII

In the Matter of the Application of
DEPARTMENT OF ENVIRONMENTAL
SERVICES, CITY AND COUNTY OF
HONOLULU

To delete Condition No. 14 of Special
Use Permit No. 2008/SUP-2 (also
referred to as Land Use Commission
Docket No. SP09-403) which states as
follows:

"14. Municipal solid waste shall be
allowed at the WGSL up to July 31,
2012, provided that only ash and residue
from H-POWER shall be allowed at the
WGSL after July 31, 2012."

FILE NO. 2008/SUP-2

INTERVENORS KO OLINA
COMMUNITY ASSOCIATION AND
MAILE SHIMABUKURO'S
FOURTH AMENDED EXHIBIT
LIST

EXHIBITS K162-K163

CERTIFICATE OF SERVICE

KOCA 24

**INTERVENORS KO OLINA COMMUNITY ASSOCIATION AND MAILE
SHIMABUKURO'S FOURTH AMENDED EXHIBIT LIST**

Intervenors Ko Olina Community Association and Maile Shimabukuro (together “Intervenors”) submit their fourth amended exhibit. Intervenors reserve the right to amend or supplement this list as additional exhibits are identified:

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K1		1/11/12		March 13, 2003 Findings of Fact, Conclusions, and Decision by the Planning Commission	
K2		1/11/12		June 5, 2003 Decision and Order Approving Amendment to Special Use Permit by the Land Use Commission	
K3		1/11/12		January 16, 2008 Findings of Fact, Conclusions of law, and Decision and Order by the Planning Commission	
K4		1/11/12		March 13, 2008 Findings of Fact, Conclusions of Law, and Decision by the Planning Commission	
K5		1/11/12		October 2008 Final Environmental Impact Statement re Waimanalo Gulch Sanitary Landfill Lateral Expansion by R.M. Towill Corporation (excerpts)	
K6		1/11/12		April 3, 2009 Letter from Abbey Seth Mayer to David K. Tanoue	
K7		1/11/12		June 22, 2009 Transcript of the Contested Case Hearing Before the Planning Commission (excerpts)	
K8		1/11/12		June 24, 2009 Transcript of the Contested Case Hearing Before the Planning Commission (excerpts)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K9		1/11/12		July 1, 2009 Transcript of the Contested Case Hearing Before the Planning Commission (excerpts)	
K10		1/11/12		July 2, 2009 Transcript of the Contested Case Hearing Before the Planning Commission (excerpts)	
K11		1/11/12		July 8, 2009 Transcript of the Contested Case Hearing Before the Planning Commission (excerpts)	
K12		1/11/12		August 4, 2009 Findings of Fact, Conclusions of Law, and Decision and Order by the Planning Commission	
K13		1/11/12		September 22, 2009 Letter from Abbey Seth Mayer to Ransom Plitz	
K14		1/11/12		September 24, 2009 Transcript of Proceedings Before the Land Use Commission (excerpts)	
K15		1/11/12		October 22, 2009 Order Adopting the City and County of Planning Commission's Findings of Fact, Conclusions of Law and Decision and Order with Modifications by the Land Use Commission	
K16		1/11/12		January 22, 2010 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K17		1/11/12		April 12, 2010 Appellee Land Use Commission's Answering Brief in <i>Department of Environmental Services v. Land Use Commission</i> , Civ. No. 09-102719-11 (Haw. 1st Cir. Ct.) (excerpts)	
K18		1/11/12		April 21, 2010 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	
K19		1/11/12		Dwight E. Miller, PE Resume and Project Litigation and Expert Witness Experience	
K20		1/11/12		September 21, 2010 Order Affirming Land Use Commission's Order Adopting the City and County of Planning Commission's Findings of Fact, Conclusions of Law, and Decision and Order dated October 22, 2009 with Modifications in <i>Department of Environmental Services v. Land Use Commission</i> , Civ. No. 09-1-2719-11 (Haw. 1st Cir. Ct.)	
K21		1/11/12		October 19, 2010 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	
K22		1/11/12		January 2011 Fiscal & Economic Benefits Analysis Prepared for Ko Olina Resort Operators Association Prepared by CBRE Strategic Consulting	
K23		1/11/12		January 13, 2011 News Release re Landfill Flooding Affects Waters Between Ko Olina and Kahe Power Plant by the Department of Health	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K24		1/11/12		Proposed Revised Ewa Development Plan	
K25		1/11/12		January 18, 2011 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	
K26		1/11/12		January 20, 2011 Meeting No. 1 Materials for the Mayor's Advisory Committee on Landfill Site Selection	
K27		1/11/12		January 20, 2011 Meeting No. 1 Group Memory by the Mayor's Advisory Committee on Landfill Site Selection	
K28		1/11/12		January 26, 2011 Letter from Ronald E. Boyle of AECOM Technical Services, Inc. to Waste Management of Hawaii	
K29		1/11/12		March 10, 2011 Meeting No. 3 Group Memory by Mayor's Advisory Committee on Landfill Site Selection	
K30		1/11/12		March 31, 2011 Meeting No. 4 Agenda and Materials for the Mayor's Advisory Committee on Landfill Site Selection	
K31		1/11/12		March 31, 2011 Meeting No. 4 Group Memory by the Mayor's Advisory Committee on Landfill Site Selection	
K32		1/11/12		April 18, 2011 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	
K33		1/11/12		May 12, 2011 Meeting No. 5 Group Memory by the Mayor's Advisory Committee on Landfill Site Selection	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K34		1/11/12		June 1, 2011 Letter from Timothy E. Steinberger to Vladimir P. Devine	
K35		1/11/12		July 18, 2011 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	
K36		1/11/12		July 25, 2011 Letter from S.B. Teramoto of the Association of Apartment Owners of the Coconut Plantation in the Ko Olina Resort and Marina the Coconut Plantation to David K. Tanoue	
K37		1/11/12		August 9, 2011 Letter from Mario Beekes to David K. Tanoue	
K38		1/11/12		August 8, 2011 Letter from Ken Williams of Ko Olina Community Association to David K. Tanoue	
K39		1/11/12		August 10, 2011 Letter from Duke Hospodar of Resort Operations-LLC to David Tanoue	
K40		1/11/12		August 10, 2011 Letter from Mona Abadir of Honu Group Communications, LLC to David K. Tanoue	
K41		1/11/12		August 10, 2011 Letter from Ralph F. Harris of Ko Olina Fairways – Association of Apartment Owners to David K. Tanoue	
K42		1/11/12		August 11, 2011 Letter from Alan Nakamura of Ko Olina Golf Course to David K. Tanoue	
K43		1/11/12		August 12, 2011 Letter from Jo Jordan of the Hawai'i House of Representatives to the Department of Planning and Permitting	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K44		1/11/12		August 12, 2011 Letter from Joseph Yamaoka of Resort Management Company LLC to David K. Tanoue	
K45		1/11/12		August 13, 2011 Letter from Masaki Nagamine of Watabe Wedding Corporation to David K. Tanoue	
K46		1/11/12		August 13, 2011 Letter from Colleen Hanabusa to David K. Tanoue	
K47		1/11/12		August 17, 2011 Letter from Leland Ribac for George S. Yamamoto of the Makakilo/Kapolei/Honokai Hale Neighborhood Board No. 34 to David K. Tanoue	
K48		1/11/12		December 7, 2007 Settlement Agreement between the Department of Health, Waste Management of Hawaii, Inc., and the City	
K49		1/11/12		December 15, 2010 Letter from Justin Lottig to Lene Ichinotsubo with Attachment	
K50		1/11/12		December 19, 2010 Incident Alert Form	
K51		1/11/12		December 21, 2010 Email from Justin Lottig to Thomas Miyashiro	
K52		1/11/12		December 23, 2010 Investigation Report by the Department of Health, Clean Water Branch	
K53		1/11/12		December 30, 2010 Email from Justin Lottig to Lene Ichinotsubo with Attachments	
K54		1/11/12		January 12, 2011 Email from Joanna Seto to Timothy Steinberger	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K55		1/11/12		January 12, 2011 Email from Timothy Steinberger to Joanna Seto with Attachment	
K56		1/11/12		January 12 and 13, 2011 Station Summary Palehua Hawaii	
K57		1/11/12		2003 and 2004 Articles regarding R.M. Towill	
K58		1/11/12		December 1, 2003 Report of Mayor's Advisory Committee (Blue Ribbon Committee) on Landfill Site Selection without Attachments	
K59		1/11/12		January 31, 2006 Letter from Laurence K. Lau to Paul Burns and Eric Takamura with Enclosures	
K60		1/11/12		April 5, 2006 Letter from Deborah Jordan to Paul Burns and Eric S. Takamura with Enclosure	
K61		1/11/12		December 18, 2006 Article, Firms land contracts despite donation fines, Honolulu Advertiser, by Rick Daysog	
K62		1/11/12		March 12, 2008 Engineering Report for Landfill Expansion: Waimanalo Gulch Landfill, Ewa Beach, Oahu, Hawaii prepared by Geosyntec Consultants without Appendices	
K63		1/11/12		March 2009 Second 6-Month Report Status of Operations Waimanalo Gulch Sanitary Landfill and Actions Taken to Further Reduce Waste Volumes Disposed of at the Landfill	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K64		1/11/12		September 2009 Third 6-Month Report Status of Operations Waimanalo Gulch Sanitary Landfill and Actions Taken to Further Reduce Waste Volumes Disposed of at the Landfill.	
K65		1/11/12		May 12, 2010 Letter from Wilfred K. Nagamine to Joe Whelan	
K66		1/11/12		May 13, 2010 Letter from Laurence K. Lau to Joe Whelan and Timothy Steinberger with Enclosures	
K67		1/11/12		September 15, 2010 Article, The super \$6K club part II: Engineers vs. Educators: Abercrombie racks up big bucks as election day draws near, by Alan D. McNarie	
K68		1/11/12		March 31, 2011 City & County of Honolulu Mayor's Advisory Committee on Landfill Site Selection Agenda with Attachments	
K69		1/11/12		April 20, 1987 Findings of Fact, Conclusions of Law and Decision and Order by the Land Use Commission	
K70		1/11/12		October 31, 1989 Findings of Fact, Conclusions of Law and Decision and Order by the Land Use Commission	
K71		1/11/12		July 6, 2007 Planning Division Master Application Form (excerpts)	
K72		1/11/12		July 31, 2009 Meeting of the Planning Commission Transcripts (excerpts)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K73		1/11/12		January 27, 2011 Article, No Paperwork to Back Up Safety of Medical Waste, by Adrienne LaFrance	
K74		1/11/12		November 21, 2011 Article, City Pays Landfill Operator \$2.6M for Spill Cleanup, by Michael Levine, with Attachment	
K75		1/11/12		January 25, 2011 Administrative Order on Consent for Removal Action by the Environmental Protection Agency and Waste Management of Hawaii, Inc.	
K76		1/11/12		May 25, 2005 Letter from Eric S. Takamura to Anthony Ching	
K77		1/11/12		February 2, 2011 Transcript of Proceedings Before the Land Use Commission	
K78		1/11/12		January 28, 2011 Article, Stormwater Released Into Ocean to Avoid Larger Landfill Catastrophe, by Michael Levine	
K79		1/11/12		November 30, 2011 Article, EPA Orders Additional Safeguards at Waimanalo Gulch Landfill, by Adrienne LaFrance	
K80		1/11/12		January 17, 2011 More Medical Waste Wash On West Shores 5 Days After Landfill Spill, by KITV.com	
K81		1/11/12		April 21, 2006 Transcript of Proceedings Before the Land Use Commission (excerpts)	
K82		1/11/12		September 5, 2008 Letter from Thomas E. Arizumi to Joseph Whelan and Eric Takamura	
K83		1/11/12		March 6, 2008 Transcript of Proceedings Before the Land Use Commission (excerpts)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K84		1/11/12		March 7, 2008 Transcript of Proceedings Before the Land Use Commission (excerpts)	
K85		1/11/12		March 27, 2003 Hearing Transcript Before the Land Use Commission (excerpts)	
K86		1/11/12		May 12, 2011 Final Criteria List for the Mayor's Advisory Committee on Landfill Site Selection	
K87		1/11/12		June 22, 2004 Letter from Frank J. Doyle to Anthony J.H. Ching	
K88		1/11/12		July 30, 2004 Letter from Frank J. Doyle to Anthony J.H. Ching	
K89		1/11/12		November 30, 2004 Letter from Frank J. Doyle to Anthony J.H. Ching	
K90		1/11/12		March 1, 2006 Letter from Anthony J.H. Ching to Eric S. Takamura	
K91		1/11/12		July 2010 First Annual Report, Status of Actions Taken to Satisfy the State Land Use Commission's Order Dated October 22, 2009 and Status of Operations Waimanalo Gulch Sanitary Landfill	
K92		1/11/12		June 1, 2011 Second Annual Report, Status of Actions Taken to Satisfy the State Land Use Commission's Order Dated October 22, 2009 and Status of Operations Waimanalo Gulch Sanitary Landfill	
K93		1/11/12		September 2008 6-Month Report Status of Operations, Waimanalo Gulch Sanitary Landfill and Actions Taken to Further Reduce Waste Volumes Disposed of at the Landfill (excerpts)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K94		1/11/12		October 22, 2009 Order Adopting the City & County of Honolulu Planning Commission's Findings of Fact, Conclusions of Law, and Decision and Order with Modifications by the Land Use Commission	
K95		1/11/12		September 23, 2009 Letter from Maeda C. Timson to the Land Use Commission	
K96		1/11/12		August 16, 2011 Draft Regular Meeting Minutes by the Nanakuli-Maili Neighborhood Board No. 36	
K97		1/11/12		May 2, 2011 Letter from Steven Chang to Joseph Whelan and Timothy Steinberger	
K98		1/11/12		December 1, 2011 Article, City Ordered to Improve Monitoring at Landfill, by Gary T. Kubota	
K99		1/11/12		January 2011 Articles from KHON, Hawaii News Now, Star Advertiser re Landfill spill	
K100		1/11/12		July 6, 2009 Declaration of Gary Y. Takeuchi with attached Environmental Impact Statement	
K101		1/11/12		October 25, 2006 Warning letter from Thomas E. Arizumi to Paul Burns & the Honorable Eric Takamura	
K102		1/11/12		Photographs of Ko Olina Lagoons	
K103		1/11/12		Photographs of Ko Olina Clean-Up Efforts (some photographs stamped with dates photographs were taken)	
K104		1/11/12		Photographs of Ko Olina Clean-Up Efforts – Before and After	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K105		1/11/12		Photographs of Debris (photographs stamped with dates photographs were taken)	
K106		1/11/12		Photographs of Empty Beaches (photographs stamped with dates photographs were taken)	
K107		1/11/12		Photographs of Landfill Drainage	
K108		1/11/12		Photographs of Medical Waste (some photographs stamped with dates photographs were taken)	
K109		1/11/12		Photographs of Muddy Waters (photographs stamped with dates photographs were taken)	
K110		1/11/12		Videos of Ko Olina Clean-Up Efforts: K110a: January 20, 2011 Video K110b: January 20, 2011 Video K110c: January 14, 2011 Video K110d: January 14, 2011 Video K110e: January 18, 2011 Video K110f: January 18, 2011 Video K110g: January 20, 2011 Video K110h: January 14, 2011 Video	
K111		1/11/12		Photographs of Trash from the Landfill at Ko Olina (photographs stamped with dates photographs were taken)	
K112		1/11/12		Photographs of Views of the Landfill from Ko Olina (some photographs stamped with dates photographs were taken)	
K113		1/11/12		Photograph of a Warning Sign (photograph stamped with date photograph was taken)	
K114		1/11/12		Photograph of a Wedding (photograph stamped with date photograph was taken)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K115		1/11/12		August 12, 2011 Letter from Alex Duarte to David K. Tanoue	
K116		1/11/12		August 12, 2011 Letter from Lance Jeffery to David Tanoue	
K117		1/11/12		July 20, 2011 Letter from William and Sara Barnes to David Tanoue	
K118		1/11/12		August 1, 2011 Letter from Harriet Bloom to David Tanoue	
K119		1/11/12		August 15, 2011 Letter from James Handsel to David Tanoue	
K120		1/11/12		August 12, 2011 Email from Greg Nichols to David Tanoue	
K121		1/11/12		August 12, 2011 Letter from Chuck Krause to David Tanoue	
K122		1/11/12		August 11, 2011 Letter from Pieter and Claire van Wingerden to David Tanoue	
K123		1/11/12		November 29, 2011 Letter from Alexis Strauss to Timothy Steinberger and Joseph Whelan	
K124		1/11/12		2011 Filings in <i>Confederated Tribes and Bands of the Yamaka Nation v. United States Dep't of Agriculture</i> , No. CV-10-3050-EFS (E.D. Wash.)	
K125		1/11/12		May 3, 2007 Letter from Thomas E. Arizumi to Paul Burns and the Honorable Eric Takamura	
K126		1/11/12		February 24, 2006, 2006 State of the City Address, by Mufi Hanneman	
K127		1/11/12		Photographs of Stones at Waimanalo Gulch Sanitary Landfill (photographs stamped with dates photographs were taken)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K128		1/11/12		November 30, 2011 Petition to Close Waimanalo Gulch Landfill and Locate Landfill Operations Outside District 1	
K129		1/11/12		Photographs of Stones at Waimanalo Gulch Sanitary Landfill (photographs stamped with dates photographs were taken)	
K130		1/11/12		October 9, 2007 Book excerpt by Shad Kane, Waimanalo: Navigational Stones	
K131		1/11/12		March 17, 2011 PBSHawaii.org video on Insights, Where Should Garbage Go	
K132		1/11/12		1981 and 1983 Ewa Development Plans (excerpts)	
K133		1/11/12		News Videos Regarding the January 2011 Spill: K133a: January 14, 2011 KHON 2 Video K133b: January 15, 2011 KHON 2 Video K133c: January 22, 2011 KITV 4 Video	
K134		1/11/12		Letters from Ken Williams to Joe Whelan	
K135		1/11/12		April 13, 2008 E-mail String re Report of Debris Flying from City/County Vehicle	
K136		1/11/12		March 20, 2007 Letter from Edward R. Appleby to Todd Apo	
K137		1/11/12		June 14, 2010 Letter from Ken Williams to Joe Whelan re Foul Odors, dust and Noise	
K138		1/11/12		January 24, 2011 Waimanalo Gulch Landfill Spill Investigation Follow-Up	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K139		1/11/12		April 12, 2011 Invoice from Ko Olina Operations, LLC to Ko Olina Community Association	
K140		1/11/12		January 18, 2011 E-mail String re Landfill Runoff into the Ocean	
K141		1/11/12		January 19, 2011 E-mail String re Procedure for Disposal of Medical Waste and Landfill Concerns	
K142		1/11/12		January 20, 2011 Email string re Procedure for Disposal of Medical Waste and Landfill Concerns	
K143		1/11/12		February 2, 2011 Email string re: Landfill issue	
K144		1/11/12		October 2008 Integrated Solid Waste Management Plan Update Prepared for City & County of Honolulu, Hawaii (excerpts)	
K145		1/11/12		April 2000 New Systems Research for Refuse Disposal, prepared by R.M. Towill Corporation (excerpt)	
K146		1/11/12		Waimanalo Gulch Sanitary Landfill Design and Operation Review Technical Memorandum prepared by Parametrix and approved by Dwight Miller	
K147		1/11/12		Site Selection Evaluation Technical Memorandum prepared by Parametrix and approved by Dwight Miller	
K148		1/11/12		Waimanalo Gulch Landfill Alternatives Analysis Technical Memorandum prepared by Parametrix and approved by Dwight Miller	
K149		1/11/12		July 21, 2010 Status Report on Reducing and/or Continuing the Use of Waimanalo Gulch Sanitary Landfill (WGSL)	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K150		1/11/12		February 2, 2011 Land Use Commission Status Report on Waimanalo Gulch Sanitary Landfill	
K151		1/11/12		April 2010 AECOM Surface Water Management Plan Waimanalo Gulch Sanitary Landfill Kapolei, O'ahu, Hawaii	
K152		1/11/12		November 8, 2011 Landfill Meeting 7 Group Memory	
K153		1/11/12		November 8, 2011 Landfill Meeting Handout, Landfill Site Selection Study GIS Assessment, Mayor's Advisory Committee on Landfill Site Selection 2011	
K154		1/11/12		Photos from the Department of Health Clean Water Branch (photographs stamped with dates photographs were taken)	
K155		1/11/12		March 14, 2008 Findings of Fact, Conclusions of Law, and Decision and Order Adopting with Modifications, the City and County of Honolulu Planning Commission's Recommendation to Approve Amendment to Special Use Permit by the Land Use Commission	
K156		1/11/12		December 29, 2011 Letter from Ken Williams to Joe Whelan	
K157		1/11/12		August 30, 2011 Letter from Timothy E. Steinberger to Ronald Ho and John Brock with enclosure	
K158		1/11/12		August 18, 2011 Letter from Justin H. Lottig to John Brock and Ronald Ho	

Exhibit No.	Offered for Identification	Received in Evidence	Withdrawn	Description	Date R=Returned D=Destroyed Other Comments
K159		1/11/12		March 11, 2005 Letter from Thomas E. Arizumi to Eric S. Takamura with Enclosures	
K160		1/11/12		September 28, 2011 Landfill Gas Extraction Assessment by Environmental Information Logistics, LLC (excerpt)	
K161		1/11/12		Planning Division Master Application Form with Attachments (excerpt)	
K162		1/11/12		October 2008 Integrated Solid Waste Management Plan Update Prepared for City & County of Honolulu, Hawaii (excerpts)	
K163				October 2008 Final Environmental Impact Statement re Waimanalo Gulch Sanitary Landfill Lateral Expansion by R.M. Towill Corporation (excerpts)	

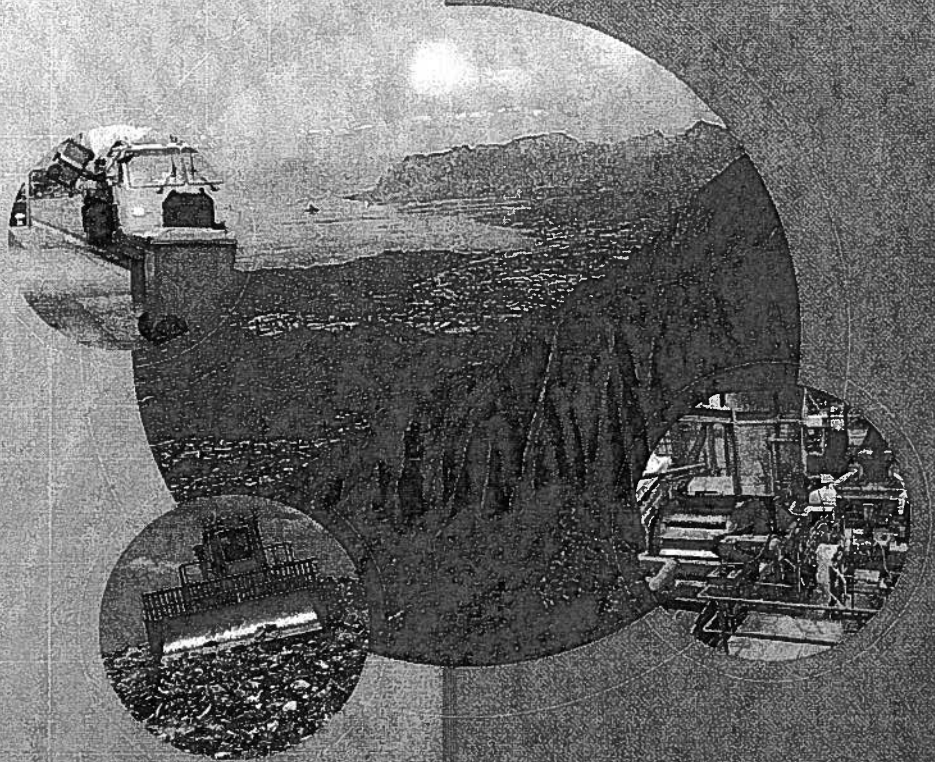
DATED: Honolulu, Hawai'i, January 13, 2012.

CADES SCHUTTE
A Limited Liability Law Partnership



CALVERT G. CHIPCHASE
CHRISTOPHER T. GOODIN

Attorneys for Intervenors
KO OLINA COMMUNITY ASSOCIATION
and MAILE SHIMABUKURO



PREPARED FOR:
CITY & COUNTY OF
HONOLULU, HAWAII

Integrated Solid Waste Management Plan Update

October 2008

R·W·BECK

Mind Powered: Insight with Impact.

EXHIBIT K162

Section 8

Table 8-5
Deliveries to Waimanalo Gulch Landfill
2006

Hauler	Tons	Number of Vehicles	Percent of Total	Description of Waste
Refuse Division	40,376	5,081	22.0%	Residential Bulky or Non-combustible Waste
Other City & County	31,172	3,340	17.0%	Wastewater Sludge
Convenience Center	29,199	9,120	15.9%	Residential Bulky or Non-combustible Waste
Schnitzer Steel Hawaii	29,853	1,583	16.2%	Auto fluff
Honolulu Disposal Service	11,671	1,031	6.3%	Wastewater Sludge
Rolloffs Hawaii	10,633	1,748	5.8%	Non-combustible Medical Waste
Homeowner	3,799	15,194	2.1%	Miscellaneous Waste
Unitek Solvent Service	2,691	383	1.5%	Miscellaneous Commercial/Industrial Non-combustible Waste
Goodwill	2,441	734	1.3%	Miscellaneous Waste
Salvation Army	2,159	489	1.2%	Miscellaneous Waste
Other Haulers	19,872	6,915	10.8%	Bulky or Non-combustible Waste
Total:	183,866	45,618	100.0%	

The tipping fee at the Landfill is \$81.00 per ton plus a 12 percent recycling surcharge and 35 cent per ton State surcharge for a total of \$91.07 per ton. There is no charge to residents who self-haul MSW to the Landfill.

The following materials are not accepted at the Landfill:

- Corrugated cardboard from business, industrial, governmental, institutional, and other non-residential sources. However based on the results of the waste characterization conducted in February 2006, it does not appear that this ban has been comprehensively enforced since large quantities of corrugated cardboard were present;
- Ferrous and non-ferrous metal objects from business, industrial, governmental, institutional, and other non-residential sources;
- Loads from business, industrial, governmental, institutional, and other non-residential sources exceeding 20 percent green waste;
- Liquid waste, except small quantities of liquids from residential sources in containers of types and sizes typically used in residential environments;
- Medical waste which has not been rendered non-infectious through sterilization;
- Motor vehicles and automotive-type batteries;
- Toxic and hazardous wastes;

Volume 1 of 3

Final Environmental Impact Statement

Prepared in Accordance with Chapter 343, Hawaii Revised Statutes and
Title 11, Chapter 200, Hawaii Administrative Rules .

***Waimānalo Gulch Sanitary
Landfill Lateral Expansion***

Waimānalo Gulch, O'ahu, Hawai'i
TMKs: (1) 9-2-003: 072 and 073

October 2008

City and County of Honolulu
Department of Environmental Services
1000 Uluohia Street, 3rd Floor
Kapolei, Hawai'i 96707



R. M. TOWILL CORPORATION
SINCE 1930
2024 North King Street, Suite 200
Honolulu, Hawaii 96819-3494

1-21149-00

EXHIBIT K163

Asbestos disposal records may be incorporated in the records of the hazardous waste exclusion or special waste screening programs.

Emergency Condition Reports

Any emergency incident or condition at WGSFL is required to be documented in an incident report that will be maintained in the operating record. Emergency conditions include fires, hazardous material spills, injury accidents, natural disasters such as floods or violent storms, and any other event that threatens the safety or security of personnel and facilities.

Adequate Storage Procedures

The WGSFL is required by permit to maintain records documenting secure storage and handling of any green waste, scrap vehicles, tires or white goods brought to the site. Documentation must show that these materials, which are prohibited from disposal, were stored, managed and removed from the site in accordance with applicable regulations. Records should include documentation of any removal or management of oil, grease, CFCs or other fluids from vehicles and white goods prior to removal from the site to recycling facilities.

4.6. Stormwater Management

4.6.1. Drainage Control System

Stormwater is managed by controlled grading on the surface of the WGSFL and a maintained engineered system of drainage ditches, channels, pipes, and basins. The stormwater drainage control system is managed to:

- Prevent run-on of surface water to the active disposal face or uncovered refuse
- Minimize erosion in all sections of the WGSFL to address run-off/run-on
- Maintain roads and other ancillary facilities in useable condition under all weather conditions

- Prevent excessive runoff or sedimentation impacts to neighboring properties

The WGS� in areas being used for active disposal of refuse is graded at a slope of 2 to 5 percent away from the disposal area. Earthen berms are constructed upgradient of the active disposal areas if needed to prevent runoff from mixing with the leachate control system and to divert drainage around areas susceptible to erosion. Earthen berms are also constructed downgradient of locations that may be susceptible to erosion.

The landfill stormwater management system is designed and constructed to manage runoff from a 25-year, 24-hour storm. Runoff is collected in a system of surface ditches, channels, pipes and ponds.

Design Criteria

According to GeoSyntec, RCRA Subtitle D requires that the surface water control features at landfills be designed to control both run-on and runoff from the 24-hour, 25-year storm. The 24-hour, 25-year storm at WGS� is 9.2 inches based on information presented by the State of Hawaii (1984) and is used as the basis to evaluate the performance of the sedimentation/detention pond and estimate runoff for the landfill grading plan. (GeoSyntec and WMH, 2008).

Proposed Improvements

There are two surface water control systems are proposed for WGS� (GeoSyntec, 2008):

- Western Bypass Channel. GEI Consultants (GEI) prepared the Western Bypass Channel (off-site stormwater conveyance) for the upper canyon and western areas flows adjacent to the Landfill. The system will capture the upper watershed's flows and route them around the landfill so that they do not mix with the surface water runoff from the landfill. The water

will flow via large diameter pipes and/or concrete-lined channel(s) and discharge at a point south of WGSL's existing sedimentation basin.

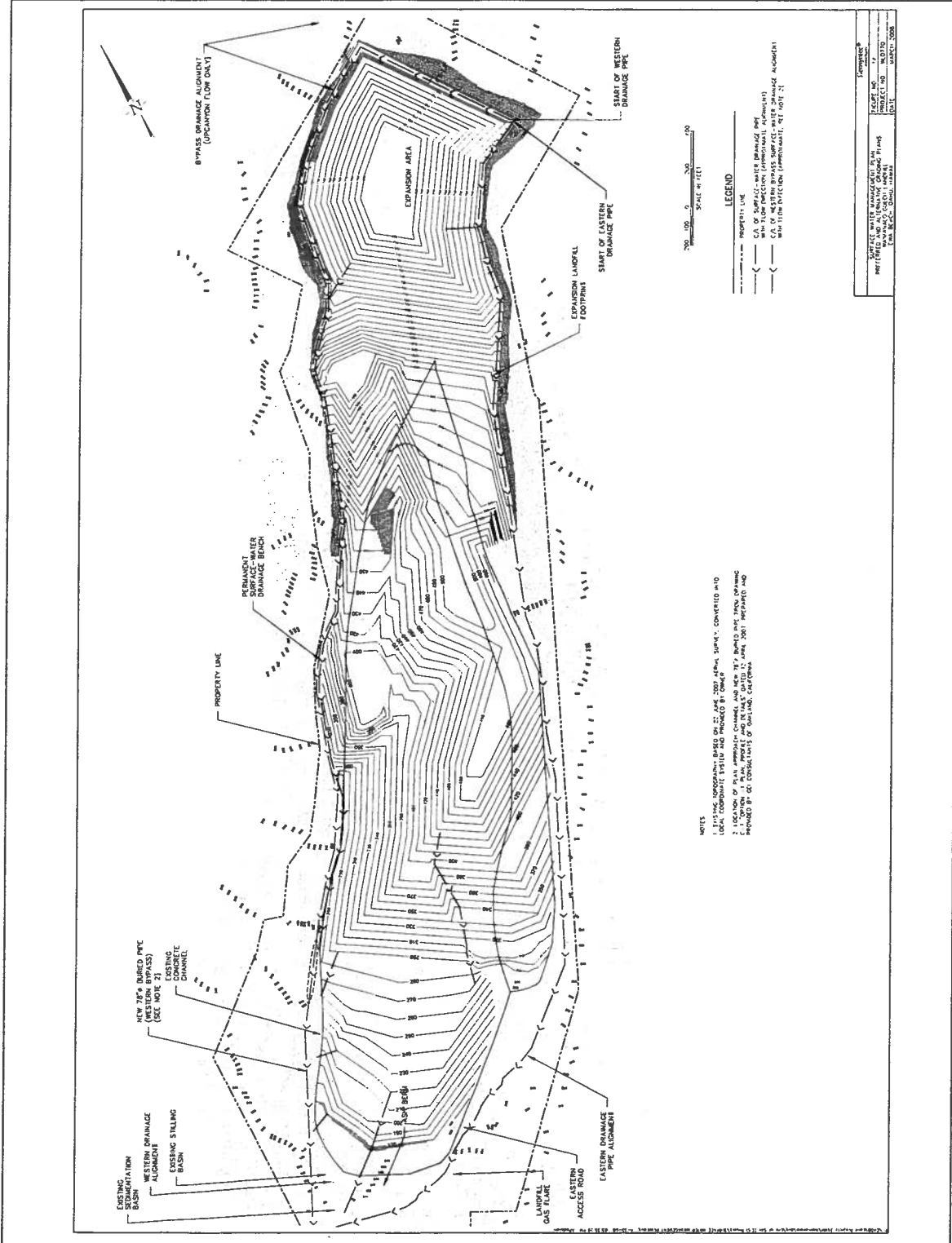
- Onsite Stormwater Management System. This system has two components that capture: (i) flows from the western side of the landfill (primarily landfill runoff with minor amounts of run on); and (ii) flows from the eastern side (both landfill runoff and run on). Both flows will discharge stormwater to the existing sedimentation basin.

Figure 4-8 shows the alignment for the landfill's eastern and western systems and general details for the pipe and collection channels for the preferred expansion. Pipes and channels will be sized when construction drawings for the expansion are prepared. (GeoSyntec, 2008).

GeoSyntec evaluated the existing sedimentation basin configuration (i.e., emergency spillway, etc.) for flood control and for water quality requirements in the County of Honolulu Drainage Standards (City and County of Honolulu, 2000). GeoSyntec also used information presented by Shimabukuro et al. (1986) and EarthTech (2006) (e.g., dimensions, riser elevations, infiltration trenches, spillway, etc.). GeoSyntec's evaluation concludes that the existing basin meets the requirements for flood control and for water quality provided upstream run-on is diverted around the basin. (GeoSyntec, 2008).

Surface Water During Operations

During operations, surface water will be controlled by temporary pipes and ditches that will be moved as necessary to address stockpiles, active fill areas, the extent of each cell, and fill sequencing. Since the size of each cell may vary depending on the waste stream at the time, surface water details will be designed as part of preparing the construction drawing package for each cell. (GeoSyntec, 2008).



BEFORE THE PLANNING COMMISSION
OF THE CITY AND COUNTY OF HONOLULU
STATE OF HAWAII

In the Matter of the Application of
DEPARTMENT OF ENVIRONMENTAL
SERVICES, CITY AND COUNTY OF
HONOLULU

FILE NO. 2008/SUP-2
CERTIFICATE OF SERVICE

To delete Condition No. 14 of Special
Use Permit No. 2008/SUP-2 (also
referred to as Land Use Commission
Docket No. SP09-403) which states as
follows:

“14. Municipal solid waste shall be
allowed at the WGSL up to July 31,
2012, provided that only ash and residue
from H-POWER shall be allowed at the
WGSL after July 31, 2012.”

CERTIFICATE OF SERVICE

The undersigned certifies that on this day a copy of the foregoing document was
duly served on the following persons:

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