

**COUNTY OF MAUI**

**DEPARTMENT  
OF  
ENVIRONMENTAL MANAGEMENT**

**WASTEWATER RECLAMATION DIVISION**



**USEPA/DOH CONSENT DECREE**

**QUARTERLY PROGRESS REPORT #62**

**OCTOBER 2014 THROUGH DECEMBER 2014**



**COUNTY OF MAUI  
 CONSENT DECREE  
 QUARTERLY REPORT #62  
 as of December 31, 2014**

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Note:

Since the initial quarterly report for the Consent Decree requirements the County has satisfied requirements and removed updates for the following programs:

- |  |   |
|--|---|
| A. Supplemental Environmental Project (12/31/05) | C. Spill Response Plan (5/08/02)                  |
| B. Construction Spills Prevention Plan (1/16/02) | D. Pump Station Spill Reduction Action Plan(1/02) |

The following sections will only be included in the January 15 quarterly report as outlined in the Consent Decree:

- A. Information Management (Section IX)
- B. Long Term WWRF and Pump Station Planning, Rehabilitation, Replacement, and Expansion (Section XI)



**COUNTY OF MAUI  
WASTEWATER RECLAMATION DIVISION**

**A. GENERAL INFORMATION**

The United States Environmental Protection Agency (USEPA) and the State of Hawaii Department of Health (DOH) filed two lawsuits against the County of Maui, Civil Nos. 98-00622 SOM and 99-0064 (3), alleging violations of Federal and State law. The County of Maui entered into a Consent Decree with the USEPA and State DOH. The Consent Decree was filed November 8, 1999 in U.S. District Court pursuant to the Clean Water Act.

As a requirement under the Consent Decree, the County is required to submit to EPA and the DOH quarterly Consent Decree Compliance Reports. The quarterly report includes steps taken by the County to develop and implement the various goals, plans, programs, procedures, schedules and budgets required pursuant to the Consent Decree.

This is the sixty second quarterly report being submitted under the final Consent Decree approved by the Court on November 8, 1999. This report covers the period October 1, 2014 to December 31, 2014.

**Summary of major accomplishments during the last quarter:**

1. Sewer Line System Analysis and Rehabilitation Program  
Construction for Lahaina No. 7 Force Main Replacement was completed this quarter. Five (5) construction projects completed the bid process and contracts are being completed. These included the Lahaina No. 4, Kihei No. 10, Hoo Hui Ana and Paia force mains as well as the Maluhia gravity sewer.
2. Fats, Oil and Grease (FOG) Control Program  
During this quarter pretreatment staff completed 204 inspections of food establishments within the County of Maui. This completed the yearly schedule, resulting in 776 inspections during 2014.
3. Sewer Line System Preventative Maintenance  
The maintenance collections crews completed 41,575 lineal feet of periodic system flushing this quarter. This makes the yearly total 239,766 l.f. which is 100 % of the annual goal and the 5 year goal. A new schedule for the new five year period was also completed and is being added to the work order system.
4. Compliance with the Consent Decree  
On October 31, 2014 the County submitted a summary and certification letter to the USEPA and State DOH noting that all conditions of the Consent Decree have been met and requested that the Consent Decree be terminated. The request is currently under review. A copy of the request is included in Attachment A.

## **B. SPILL REDUCTION ACTION PLAN**

### **B.1. SEWER LINE SYSTEM PREVENTIVE MAINTENANCE**

#### **(Section VIII.B)**

1. General Information:

This plan is intended to provide a guide for the Collection System staff. The plan outlines the approach that the Collection System Program is using to meet its current objectives and how the program will grow to meet demands in the future.

2. Schedule:

The plan is 100% complete and was submitted to EPA/DOH on December 15, 1999. This plan was approved by both EPA and DOH on May 8, 2000

3. Actions during last quarter:

The Consent Decree requires a complete system evaluation and flush within a five year period with an annual goal of 211,000 linear feet. The County continued to perform sewer system preventative maintenance (weekly/periodic flushing) in identified potential problem areas and also completed system wide evaluation and problem correction. The following table summarizes system line flushing and manhole inspections accomplished during the last quarter and year to date. The addition of newly accepted lines into the system will make the yearly goal 232,120 feet in the future.

<b>TASK</b>	<b>QUARTER</b>	<b>YEAR TO DATE</b>
Annual System Flush (5-year plan) (ft.)	41,575	239,766
Weekly/Periodic Flush (ft.)	72,102	330,655
Manhole Inspections (total)	208	1,257

The County ended the fifth year of its five year cycle of flushing the County's sewer system. The above table shows that the annual goal was completed. At the end of the fifth year of the five year flush cycle 100% of the system was flushed. A new five year schedule (2015 thru 2019) was completed and will be put into Maintenance Connection work order program to assure that flushes are completed in a scheduled and timely manner.

## **B.2. PERSONNEL TRAINING**

### **(Section: VIII.D)**

1. General Information:

The County of Maui is required to provide training to all appropriate Wastewater Reclamation Division Personnel on the consent decree requirements, as well as spill reporting procedures.

2. Schedule:

The County submitted its training plan to EPA and DOH in December 1999. It was approved May 8, 2000. Since that time the County has completed initial training of appropriate personnel as well as refresher training.

3. Action during last Quarter

No new or refresher training was conducted during this period.

**B.3. FATS, OIL, AND GREASE (FOG) CONTROL PROGRAM**  
**(Section VIII.E)**

1. General Information:

The Consent Decree required the County to continue to develop and implement a FOG control program that would require the installation and proper operation and maintenance of grease interceptors. Requirements include the following:

- a. Enact an ordinance requiring the installation of grease interceptors at any commercial activity with the potential to discharge FOG into the collection system.
- b. Provide sufficient resources to implement monitor and enforce the ordinance.
- c. Conduct grease interceptor inspections at each Industrial User (IU) required to have a grease interceptor at least once every year for the first two years and once every eighteen months thereafter.
- d. Continue to take enforcement actions against non-complying IU's.

2. Schedule:

December 2002	All food establishments to be permitted. (Completed)
December 2003	All food service establishments in compliance with Appendix H interceptor sizing criteria.
December 2005	All food service establishments in compliance with Title 14, Chapter 14.21A.080 of the Maui County Code.

**B.3. FATS, OIL, AND GREASE (FOG) CONTROL PROGRAM** (Continued)  
**(Section VII.E)**

3. Actions during last quarter:

- a. Annual grease interceptor and kitchen inspections were conducted. The approximate total number of food service establishments connected to the sewer system in Maui County is now 535. Total inspections this quarter numbered 204. This included regular inspections (177), follow up inspections for installations and corrections (5), Pre backfill and final inspections (13) and miscellaneous inspections (9). All operating facilities in the County were inspected during the 2014 calendar year.
- b. Grease interceptor size based on Appendix H of the UPC is at 98% of the total facilities being inspected. Attachment “B” lists the establishments, last inspection date and their respective grease interceptor sizes.
- c. Work is continuing with the County’s Management Information Systems to verify that all food service establishment data is correct and all inspection results are up to date. Reporting is automated in the County’s master permit system (KIVA).
- d. No Notice of Violation’s (NOV’s) were issued in the quarter. A summary of the status is as follows:

NOV Status Description	Number
Completed Process (fines paid, NOV rescinded or closed operations)	106
Projects in review or construction	6
Collection procedures in progress	8

- e. Eighty two (70) discharge permits were issued (or renewed) to restaurants during the quarter.
- f. Review of grease interceptor sizing/plumbing for facilities not connected to the County of Maui Sewer, initiated by the EPA and State Department of Health, is ongoing. No (0) approvals were given during this quarter.
- g. The Pretreatment Coordinator retired and the inspector was promoted to the position. During the hiring process for a new inspector the coordinator continues to conduct all required and scheduled inspections.

## **C. INFORMATION MANAGEMENT**

### **(Section IX)**

#### 1. General Information:

The County of Maui purchased new automated reporting system (ARS) software from CarteGraph called SewerView and WorkDirector in October 1997. Training was conducted on site by a manufacturer's representative. Implementation of the software was delayed while the County developed the map overlays required for the program.

During 1998, in-house personnel developed preliminary map overlays to run the SewerView software. During negotiations of the final Consent Decree, it was determined that a new County wide mapping system with more details and capabilities would be needed. This included a requirement to provide a new manhole numbering system that would be compatible with future GIS implementation as well as with use of the Work Director Maintenance work order software. In December 1999, the new ARS was used to generate work orders for one section of line in the Maui 100 Subdivision, Kihei area. Work orders were generated and field personnel provided field information/inspection results for updating. This was a pilot implementation of the ARS.

In 2007 the County implemented new maintenance software (Maintenance Connection) to issue and track work orders for all preventative, scheduled and emergency work performed on assets (collection lines, manholes, pumps station and treatment plant components, vehicles etc.) All sewer lines and manholes were entered as assets with preventative maintenance and inspection schedules.

#### 2. Schedule:

- a. August 2001           Begin implementation of the ARS for Lahaina, Kihei, Lanai and Molokai areas.
- b. September 2001    Complete mapping revisions.
- c. October 2001 to January 2002   Input GIS database information into the SewerView software program for Lahaina, Kihei, Lanai and Molokai.
- d. November 2007     Implemented new Maintenance Software throughout entire division (Maintenance Connection)
- e. October 2008       Filled new GIS Analyst II position.

**C. INFORMATION MANAGEMENT (Continued)**  
**(Section IX)**

3. Action during last quarter:
  - a. Information from recent field inspection reports and flushing assignments is being added to the GIS database. This includes pipe material, missing footages and other information
  - b. Work orders continue to be produced by the preventative maintenance software to insure timely and effective system flushing. Maps were produced by GIS personnel to assist field crews with assignments and progress.
  - c. Work orders are issued daily for system components based on information in the asset database and those manually inputted into the system due to inspections or call outs.
  - d. A new five year flush schedule was produced with associated GIS mapping for field crew use.

## **D. SEWER LINE SYSTEM ANALYSIS AND REHABILITATION PROGRAM**

### **(Section X)**

#### 1. General Information:

Under this program, the County is required to minimize infiltration and inflow, inspect all wastewater lines for corrosion, cracks and exfiltration and provide for adequate hydraulic capacity. The program was conducted in three phases and resulted in the development of a rehabilitation plan (Phase III) to address those issues found in phases I and II. All phases have been completed.

Phase I: During this phase of the program, the County will review existing data to identify potential problem areas. This analysis will be based on the evaluation of spills, pipe material, age of system, flows, terrain evaluation, maintenance records and other factors. In addition to this analysis, the County will develop a mapping system that will provide a consolidated countywide map of the entire collection system. Included in the map creation, the consultant will develop a systematic manhole numbering system that will also assist the County in using the Information Management System more effectively.

Phase II: During this phase of the program, the County will further investigate and analyze problem areas according to the needs identified in phase I. This investigation will include a determination of system integrity and other identified problems through the use of generally accepted engineering methods.

Phase III: This phase of the program includes determining a rehabilitation plan based on the Phase II investigations. The report shall include cost effectiveness, project identification, priorities, and costs. The plan shall provide for the rehabilitation of all lines before the end of their useful life.

#### 2. Schedule

##### a. Preliminary Sewer System Problem Area Analysis (Phase I)

Wailuku-Kahului was completed in June 2000. All other areas in Maui County were completed in June 2001, well ahead of the 2004 Consent Decree target date. This accelerated schedule gave the County the ability to utilize the data gathered during this phase to develop a phase II program on an island wide basis instead of individual geographic areas. It also aided in the development and implementation of the dynamic model required in the Capacity Evaluation Work Plan.

**D. SEWER LINE SYSTEM ANALYSIS AND REHABILITATION PROGRAM  
(Section X) (continued)**

b. Sewer System Analysis (Phase II, as revised and approved 12/22/06 by EPA)

This phase of the requirements is completed as noted below:

<u>Area</u>	<u>Required Completion Date</u>	<u>Submittal Date</u>	<u>Status</u>
Priority 1 (High)	January 1, 2005	March 31, 2005	Approved
Priority 2 (Medium)	January 1, 2008	March 25, 2008	Approved November 6, 2009
Priority 3 (Low)	January 1, 2009	March 30, 2009	Approved November 6, 2009

c. Sewer System Rehabilitation Plan (Phase III)

The Rehabilitation plan for the High Priority Sewers is also complete. The time table for all phases of the plan are noted below:

<u>Area</u>	<u>Required Completion Date</u>	<u>Submittal Date</u>	<u>Status</u>
Priority 1 (High)	January 1, 2007	March 20, 2007	DOH approval Oct 9, 2007
Priority 2 (Medium)	January 1, 2010	March 25, 2010	Approved
Priority 3 (Low)	January 1, 2011	March 25, 2010	Approved

3. Consultant:

Phase I:

Firm: Fukunaga and Associates, Inc.  
Contract: Completed  
Cost: \$399,022

Phase II (Priority 1):

Firm: MGD Technologies  
Contract: Executed (12/31/03)  
Cost: \$601,916

Phase II (Priority 2):

Firm: Underground Services Inc.  
Contract: Executed (12/21/2006)  
Cost: \$536,033.75

Phase II (Priority 3)

Firm: Roto Router  
Contract: Executed (12/19/08)  
Cost: \$280,809

**D. SEWER LINE SYSTEM ANALYSIS AND REHABILITATION PROGRAM  
(Section X) (continued)**

4. Action during the last quarter:

- a. **Lahaina No. 4 Force Main Replacement** – Construction contract has been awarded. Work is expected to begin in early 2015.  
(JN WW10-05 Contractor: MEI Corporation \$777K)
- b. **Lahaina No. 7 Force Main Replacement** – Construction was completed this quarter.  
(JN WW12-06 Contractor: Oceanic Companies, Inc. \$1.215M)
- c. **Kihei No. 10 Force Main Replacement** – Project was bid out and the contract is being completed. Construction work is expected to begin in the first quarter of 2015.  
(JN WW12-02 Contractor: Maui Master Builders \$2.153M)
- d. **Kihei No. 16 Force Main Replacement** - Design is 10% complete..  
(JN WW14-03 Engineer: Kennedy Jencks \$500K)
- e. **Hoo Hui Ana Force Main Replacement** – Project was bid out this quarter. Construction is expected to start in March 2015.  
(JN WW12-10 Contractor: Rojac Construction \$627K)
- f. **Paia Force Main Replacement**- Project was bid out and the contract is being completed. Construction work is expected to begin in the first quarter of 2015.  
(JN WW13-01 Contractor: Goodfellow Brothers Inc. . \$ 1.85M)
- g. **Waiehu Force Main Replacement** – Design is 95% complete. Construction in 2015. To be coordinated with Pump Station upgrades and other projects in vicinity..  
(JN WW11-08 Engineer: R.T. Tanaka Engineers \$278K)
- h. **Hawaiian Homes Force Main Replacement** –Design is 15% complete. Coordination with DOT bridge replacement was successful.  
(JN WW14-04 Engineer: Warren S. Unemori Engr. \$286K)
- i. **Maluhia Beach Lot Sewer Extension** - Design is complete. Project was bid out and the contract is in progress.  
(JN WW12-07 Contractor: Goodfellow Brothers, Inc. \$848K)
- j. **Napili Force Main 5 and 6 Replacement** – Project is being initiated and consultants are being evaluated.  
(JN WW15-XX Engineer: To be determined \$300K)
- k. **Kaahumanu Ave., Olu Drive, Lahaina No4. Force Main gravity portion** – Project is being initiated and consultants are being evaluated for a design contract.  
(JN WW15-XX Engineer: To be determined \$200K)

## **E. LONG TERM WWRF & PUMP STATION PLANNING, REHABILITATION, REPLACEMENT & EXPANSION**

### **E.1. LONG-TERM SYSTEM REVIEW WORK PLAN (Section XI.40.a)**

1. General Information:
  - a. The County is required to provide a Long-Term System Review Work Plan for systematically identifying when pump stations and wastewater reclamation facility's equipment or fixtures will reach, or are reaching, the end of their useful lives. Based on this work plan, a schedule will be developed for continuously evaluating the condition (structural integrity, corrosion damage, mechanical condition, etc.) of pump stations and WWRF equipment or fixtures.
  - b. Schedule: The initial 20 year Long Term Rehabilitation, Repair and Replacement schedule and submitted it to EPA/DOH for review and approval in December 2000. EPA accepted the submitted plan.
3. Consultant:
  - i. Firm: Brown and Caldwell
  - ii. Cost: \$161,884.00
  - iii. Amendment: \$48,000.00

#### 1. Action during the last year:

- a. The County of Maui updated its 20 Year Long Term Rehabilitation, Repair and Replacement schedule in 2005. That schedule was used in implementing the Maintenance Connection software in 2007 which issues, monitors and records all work orders for preventative, scheduled and emergency maintenance or replacement of division assets. Four years ago the County integrated this plan further into a software program developed with Brown and Caldwell called the Desktop Replacement Planning Model (RPM). It contains a model for estimating when assets need to be replaced and/or refurbished based on useful life and actual equipment inspections (Maintenance Connection Data). It also includes scheduling software so that anticipated asset renewal activities can be assigned to the Capital Improvement Project Schedule. A new hardcopy 20 Year Long Term Rehabilitation, Repair and Replacement report was created in 2011 and again this year (2014). This ongoing, dynamic schedule was reviewed as part of the annual County CIP process during the last quarter.

## **E.2. CAPACITY EVALUATION WORK PLAN**

**(Section: XI.40.c)**

### 1. General Information:

This plan will provide the County with the ability to systematically and continuously monitor and evaluate the capacity of all critical points within the collection system and wastewater reclamation facilities. Additionally, a dynamic modeling program will be developed to monitor the hydraulic capacity within the collection system for the Island of Maui.

The plan consists of three main areas:

- Building Permit Applications
- Collection System Capacity Monitoring
- Pump Station Capacity Monitoring

### 2. Schedule

a. Implementation of the plan has been initiated with the Building Permit Application program fully operational and functional.

b. Pump Station Capacities:

- |                       |   |                     |
|-----------------------|---|---------------------|
| i. Initial Evaluation | - | September 2000      |
| ii. PER               | - | November 2000       |
| iii. Flow Monitoring  | - | Jan 2001 - Jan 2002 |

c. Dynamic Modeling - July 2003

### 3. Action during the last quarter:

**Pump Station Capacities** - The 2015 update to the Pump Station Capacity Plan was initiated this quarter and will be completed in January. A copy of the summary of the report is included in Appendix "E". The economic downturn appears to have ended and flows are beginning to increase again but have not yet reached their 2008 volumes. The 2014 Capacity Plan was used in updating Capital Improvement Project (CIP) planning documents through Fiscal Year 2032. There are several CIP projects that involve the pump stations. The following table lists all current and proposed pump station and force main CIP projects. Note that the County is currently processing its Fiscal Year 2016 budget for project approvals. A copy is included in Appendix "F".

### Pump Station and Force Main CIP Projects

<b>FISCAL YEAR</b>	<b>TYPE</b>	<b>PROJECT</b>	<b>STATUS or EXPECTED START</b>
FY 2011	Construction	Kihei WWPS No. 10 Modification/Upgrade	95% complete
FY 2011	Design	Lahaina No. 4 Force Main Replacement	100% complete
FY 2011	Design	Lahaina WWPS No. 7 Modifications	100% complete
FY 2011	Design	Lahaina WWPS No. 2 Modifications	100% complete
FY 2012	Construction	Kihei WWPS No. 6 Odor Control and Wet Well Rehabilitation	100% complete
FY 2012	Construction	Countywide Wet Well Rehabilitation	80% complete
FY 2012	Construction	Kahului Force Main Replacement	100% complete
FY 2012	Construction	Lahaina Force Main No. 2 Replacement	100% complete
FY 2012	Construction	Lahaina WWPS No. 7 Modifications	100% complete
FY 2012	Construction	Lahaina Force Main No. 7 Replacement	100% complete
FY 2012	Construction	Wailuku Force Main Replacement (remainder)	100% complete
FY 2012	Construction	Hyatt WWPS Modifications	10% complete
FY 2012	Construction	Lahaina Force Main No. 7	100% complete
FY 2012	Design	Hoo Hui Ana Force Main Replacement (and first half of Waiehu Force Main)	100% complete
FY 2012	Design	Kihei WWPS No. 10 Force Main Replacement	100% complete
FY 2012	Design	Waiehu WWPS Modifications	100% complete
FY 2012	Project Engr. Report	Kaanapali WWPS Modifications	100% complete
FY 2013	Construction	Kihei No. 9 Force Main Replacement	100% complete
FY 2013	Construction	Lahaina No. 4 Force Main Replacement	Contract issued
FY 2013	Construction	Lahaina WWPS No. 2 Modifications	20% complete
FY 2013	Design	Kaanapali WWPS Modifications	100% complete
FY 2013	Design	Paia Force Main Replacement	100% complete
FY 2014	Construction	Kaanapali WWPS Modifications	Contract issued
FY 2014	Construction	Kihei WWPS No. 10 Force Main Replacement	Contract issued
FY 2014	Construction	Ho Hui Ana Force Main Replacement (and first half of Waiehu Force Main)	Contract issued
FY 2014	Construction	Waiehu WWPS Modifications	Contract Issued
FY 2014	Design	Kihei WWPS No. 16 and Force Main	10% complete
FY 2014	Design	Hawaiian Homes Force Main Replacement	15% complete
FY 2014	Project Engr. Report	Sheraton WWPS Modification	1Q 2015
FY 2014	Project Engr. Report	Napili No. 1 thru 6 Pump Stations	1Q 2015
FY 2015	Construction	Waiehu Force Main Replacement	2Q 2015
FY 2015	Construction	Paia Force Main Replacement	1Q 2015
FY 2015	Design	Napili Force Mains No. 5 and No. 6	1Q 2015
FY 2016	Construction	Kihei WWPS No. 16 and Force Main	3Q 2016
FY 2016	Design	Sheraton WWPS Modification	4Q 2015
FY 2016	Construction	Lahaina WWPS No.3 Modifications	2Q 2016
FY 2016	Design	Napili WWPS No. 5	4Q 2015
FY 2016	Design	Napili WWPS No. 6	4Q 2015
FY 2016	Construction	Hawaiian Homes Force Main Replacement	2Q 2016

## ***E.2. CAPACITY EVALUATION WORK PLAN***

**(Section: XI.40.c)** (continued)

**Dynamic Modeling** This quarter the model was updated with recent project additions. The division uses the model regularly as a basis for project reviews and bypass plan formulation. In the upcoming year the model will be used in conjunction with the adopted Maui Island Plan to produce capacity upgrade schedules for its major trunk lines. The division is also exploring options to integrate this further with its GIS capabilities.

## F. SPILLS TO STATE WATERS AND THE WATERS OF THE UNITED STATES

### (Section XIII.50)

During this reporting period there was one (1) reportable wastewater spill event to a waterway totaling 500 gallons. The spills did not reach the ocean. A copy of the spill reports can be found in Attachment C. The following table provides a summary of the spill(s) occurring during this quarter while Attachment “D” list all spills occurring in 2014.

Date	District	Facility	Type	Qty (gal)	Cause	Overflow Destination	Waterway	Ocean
12/20/2014	Kihei	Collection System	Raw wastewater	500	Failure of bypass pump	Storm drain and brackish pond adjacent to St. Theresa Church	Yes	No

## G. SPILLS TO GROUND

### (Section XIII.51)

During this reporting period there were two (2) reportable wastewater spill event to the ground totaling 1,499 gallons. A copy of the spill report(s) can be found in Attachment C. The following table provides a summary of the spill(s) occurring during this quarter while Attachment “D” lists all spills occurring in 2013.

Date	District	Facility	Type	Qty (gal)	Cause	Overflow Destination	Waterway	Ocean
12/5/2014	Kahului	Collection System	Raw Wastewater	1,424	Mainline blocked with unknown material	Aleo place French drain	No	No
11/18/2014	Kihei	Collection System	Raw Wastewater	75	Grease blockage	Around manhole and along curb	No	No



**ATTACHMENT A**

**REQUEST FOR TERMINATION OF  
CONSENT DECREE**



ALAN M. ARAKAWA  
Mayor

KYLE K. GINOZA, P.E.  
Director

MICHAEL M. MIYAMOTO  
Deputy Director



MICHAEL RATTE  
Solid Waste Division

ERIC NAKAGAWA, P.E.  
Wastewater Reclamation Division

COPY

COUNTY OF MAUI  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT  
2050 MAIN STREET, SUITE 1C  
WAILUKU, MAUI, HAWAII 96793

October 31, 2014

CERTIFIED MAIL  
7010 1060 0000 7456 8050  
Return Receipt Requested

W. Benjamin Fisherow, Chief  
Environmental Enforcement Section  
Environment and Natural Resources Division  
United States Department of Justice  
950 Pennsylvania Avenue, NW  
Washington, D.C. 20530

Dear Mr. Fisherow:

**SUBJECT: REQUEST FOR TERMINATION  
USEPA/DOH CONSENT DECREE  
COUNTY OF MAUI  
CIV. NO. CV 98-00622 SOM  
CIV. NO. 99-0064 (3)**

As the Director of the Department of Environmental Management, County of Maui, I submit the following summary and certification that the County of Maui has satisfied all of the conditions of the subject Consent Decree:

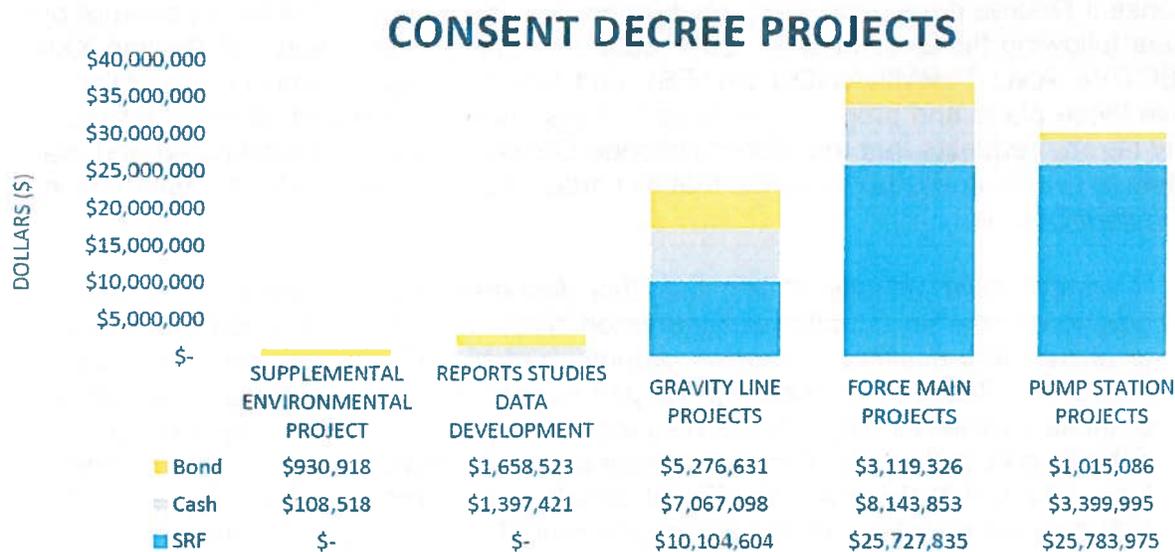
1. Plaintiffs United States of America and the State of Hawaii entered into a Consent Decree with the County of Maui, on November 8, 1999 in the United States District Court of the District of Hawaii and modified per the Court's July 6, 2000, February 3, 2005 and December 22, 2006 Orders of Stipulation to Modify Consent Decree ("the Consent Decree").
2. Paragraph 105 of Section XXVII of the Consent Decree provides: "The County shall initiate termination by submitting certification to the United States and the State that it has satisfied the Conditions of termination set forth in this Part. If the United States and the State agree with the County's certification, then the parties shall file a joint motion for termination of the Consent Decree."
3. Paragraph 103 of Section XXVII of the Consent Decree provides: "This Consent Decree shall be subject to termination when the following conditions are met: All civil penalties due under Part V (CIVIL PENALTIES) and interest and stipulated penalties accrued thereon, have been paid in full to the United States and the State, the requirements

related to SEPs specified in Part VI (SUPPLEMENTAL ENVIRONMENTAL PROJECTS) have been satisfied in full (or the SEP payment made for failure to perform the SEPs), and the plans, programs, procedures, schedules, and budgets required pursuant to Parts VIII – X of this Consent Decree (SPILL REDUCTION ACTION PLAN, INFORMATION MANAGEMENT, SEWER LINE SYSTEM ANALYSIS AND REHABILITATION PROGRAM) have been implemented in full for a period of at least one year after December 21, 2010)." If the County elects to accelerate the completion of the programs identified in Parts VIII – X of this Consent Decree, then this Consent Decree may terminate one year from the accelerated completion date. In addition, the County must have received EPA and State approval for the plans required by Part XI (LONG TERM WWRF & PUMP STATION PLANNING, REHABILITATION, REPLACEMENT, AND EXPANSION) and must have established to EPA's and the State's satisfaction that it has made reasonable progress toward implementing all plans required by Part X (SEWER LINE SYSTEM ANALYSIS AND REHABILITATION PROGRAM) and has demonstrated commitment toward full and timely implementation of those plans."

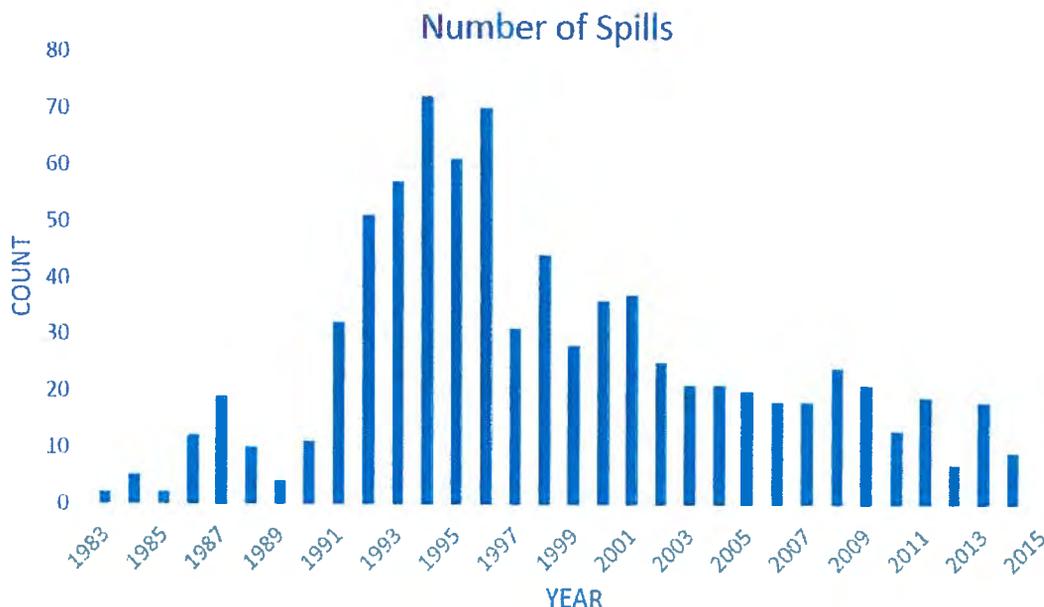
4. Pursuant to paragraph 8 of Section V (CIVIL PENALTIES) the County of Maui paid civil penalties per letters dated January 12, 2000 in the amount of one hundred fifty one thousand four hundred forty-eight dollars and eighty-nine cents (\$151,448.89) to the United States and one hundred fifty one thousand four hundred forty-eight dollars and eighty-nine cents (\$151,448.89) to the State of Hawaii. These fees included the stipulated penalty and interest. Additionally, the County of Maui paid the United States an additional seventeen thousand six hundred dollars and seventy-seven cents (\$17,600.77) on May 8, 2000 for the late payment of the stipulated penalty. This sum also included penalty and interest.
5. Pursuant to Paragraph 9 of Section VI (SUPPLEMENTAL ENVIRONMENTAL PROJECT(S)) the County completed the Supplemental Environmental Project prior to the Consent Decree deadline. The final report was submitted as an attachment to the 20<sup>th</sup> Quarterly Report in July of 2004. The final cost of the project was \$1,039,436.33.
6. Pursuant to Paragraph 21 of Section VIII (SPILL REDUCTION ACTION PLAN (SRAP)) the County submitted a plan on December 14, 1999 in a timely manner. The plan was approved on May 8, 2000. The County has since implemented the plan and continues operations as outlined in the various sections of the plan which include Spill Response; Sewer Line System Preventative Maintenance; Pump Station Spill Reduction Action Plan; Personnel Training; Fats, Oil and Grease (FOG) Control Program; and Construction Related Spills Prevention.
7. Pursuant to Paragraph 34 of Section IX (INFORMATION MANAGEMENT) the County updated its information management system and in accordance to paragraph 35 the County implemented a new automated reporting system (ARS) prior to the December 31, 1999 deadline. The County has included updates as applicable in its quarterly reports as required per paragraph 36. The current ARS includes an integrated web based work order system (Maintenance Connection) and a geographic information system (ESRI - GIS) database. The combined systems allow for the recording of operation and maintenance activities of all system assets including treatment plant and pump station components, force mains, sewer lines, manholes and reclaimed water facilities. This system also allows for the analysis of the collection system, contains all information

derived from the Sewer Line System Analysis and Rehabilitation Program, and allows manual and automated access to component characteristics, a system wide GIS map, as-built drawings and CCTV results for all Wastewater Reclamation Division Staff.

8. Pursuant to Paragraph 37 of Section X (SEWER LINE SYSTEM ANALYSIS AND REHABILITATION PROGRAM) the County prepared and submitted plans and results for all phases of the program in a time frame consistent with the required dates noted in the Consent Decree and the Stipulations to Modify the Consent Decree. Approvals were obtained for each phase and the County has systematically included rehabilitation and replacement projects in its Capital Improvement Plans (CIP) in direct response to the outcome of the program. The status of this program has been regularly updated in the required quarterly reports. To date \$22.5 million dollars have been spent on rehabilitation while another \$5 million is slated over the next four years.
9. Pursuant to Paragraph 40 Section XI (LONG TERM WWRF & PUMP STATION PLANNING, REHABILITATION, REPLACEMENT, & EXPANSION) the plans and schedules were completed and submitted in a timely manner and were reviewed and approved by USEPA and DOH as specified within said Section XI and Section XII (APPROVALS, REVISIONS, EXPANSIONS, AND INCORPORATION). The County utilizes the plan information in formulating its Capital Improvement Program and recently updated this plan in July 2014. Attached are schedules of Pump Station and Force Main rehabilitation and/or replacement projects.
10. Pursuant to Section XIII (REPORTING) the County has submitted quarterly reports to DOH and USEPA detailing the progress and compliance with the Consent Decree and made the required notifications and disclosures of the reports. While identified capital improvement projects continue to be scheduled or are in design or construction phases, the graph below shows a summary of the expenditures to date thus demonstrating the County's commitment to maintaining and operating its wastewater system:



11. Pursuant to Section XIV (STIPULATED PENALTIES) the County has made payments to the State of Hawaii and/or USEPA for spills which occurred while operating under the Consent Decree in the amount of thirty nine thousand (\$39,000.00.)
12. The intent of the Consent Decree has been achieved as the implemented programs and procedures have resulted in a substantial decrease in the number of annual sanitary sewer overflows attributed to grease, asset condition, personnel training/awareness, and operations. The following graph shows the declining trend in the total number of spills:

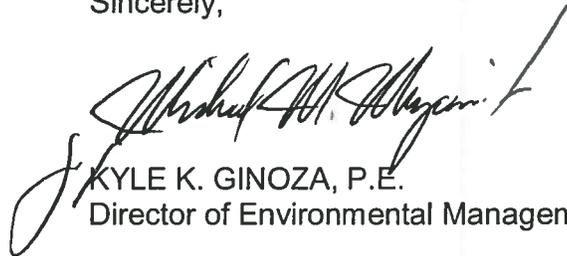


Seeing as the projects, plans, programs, procedures, schedules and budgets required in the Consent Decree have been completed, approved and implemented for a period of over one year following the December 31, 2010 date stipulated in paragraph 103 Section XXVII. (EFFECTIVE AND TERMINATION DATES); and that the County continues to utilize and improve these plans and programs in its operations, maintenance and planning efforts, the County hereby requests that the aforementioned Consent Decree be terminated and that if the State of Hawaii and USEPA agree, that all parties file a joint motion for the termination of this Consent Decree.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Should you require any additional information please contact Mr. Scott Rollins of our Wastewater Reclamation Division ((808) 270-7427 or [scott.rollins@co.maui.hi.us](mailto:scott.rollins@co.maui.hi.us)). If you agree with our request we can put you in contact with our Corporation Counsel to complete any necessary legal documents or formalities.

Sincerely,



KYLE K. GINOZA, P.E.  
Director of Environmental Management

Attachments: Pump Station Renovation Schedule  
Force Main Replacement Schedule

Distribution: W. Benjamin Fisherow, US Dept. of Justice  
Laurie Kermish, USEPA Region 9  
Jim Polek, USEPA Region 9  
Edward G. Bohlen, Deputy Attorney General, Hawaii  
Alec Wong, DOH Clean Water Branch  
Marshall Lum, DOH Wastewater Branch  
Matthew Kurano, DOH Clean Water Branch

cc: Richelle Thomson, County of Maui Corporation Counsel

KKG:sr (Request to Terminate Maui County CD.docx)

### PUMP STATION RENNOVATION SCHEDULE

District	Pump Station	Original Construction and Last Renovation	Scheduled Design	Scheduled Construction	Current Status	Project Name	Estimated Next Evaluation/Replacement
Kahului	1 Waiehu (Leisure Estates)	1999	2012	2015	Design	Waiehu WWPS Modifications	2040
	2 Waiehu Kou	1999	1997	1999	Completed	Hawaiian Homes Waiehu Kou Project	2030
	3 Hoo Hui Ana	1999	2000	2001	Completed	Operations Project	2027
	4 Hawaiian Homes	1997	2008	2009	Completed	Hawaiian Homes WWPS Renovation	2038
	5 Waiuku	1977, 1999	2020		Evaluation		2040
	6 Kahului	1977	2004	2007	Completed	Kahului Pump Station Modifications	2027
	7 Alamaha	1977, 1987	2008	2008	Completed	Operations Project	2030
	8 NASKA	1974	2014		Design	DOTA Project	2046
	9 Paia	1970	2009	2009	Completed	Countywide Pump Station Renovations	2025
	10 Kaa	1977	2007	2010	Completed	Countywide Pump Station Renovations	2041
	11 Sprecklesville	1977	2007	2010	Completed	Countywide Pump Station Renovations	2041
	12 Kuau 1	1977	2007	2009	Completed	Countywide Pump Station Renovations	2040
	13 Kuau 2	1977	2007	2009	Completed	Countywide Pump Station Renovations	2040
	14 Kuau 3	1977	2007	2009	Completed	Countywide Pump Station Renovations	2040
	15 Kuau 4	1977	2007	2009	Completed	Countywide Pump Station Renovations	2040
Kihei	1 Kihei 2	1977, 1995	2020	2022	Evaluation		2049
	2 Kihei 3	1977, 1995	2025	2027	Evaluation		2053
	3 Kihei 4	1977, 1995	2027	2029	Evaluation		2055
	4 Kihei 5	1977, 1995	2029	2031	Evaluation		2057
	5 Kihei 6	1977, 1995	2025	2027	Evaluation		2052
	6 Kihei 7	1977, 1995	2027	2029	Evaluation		2055
	7 Kihei 8	1977, 1997	2029	2031	Evaluation		2057
	8 Kihei 9	1979, 1995	2018	2020	Evaluation		2046
	9 Kihei 10	1977, 1999	2011	2014	Construction	Countywide Pump Station Renovations (Kihei 10, Puumana, Hyatt)	2042
	10 Kihei 16	1979, 2006	2014	2016	Design	Kihei No. 16 WWPS Rehabilitation and Force Main Replacement	2045
Lahaina	1 Lahaina 1	1975, 2001	2006	2010	Completed	Lahaina Pump Station No. 1 Replacement	2035
	2 Lahaina 2	1975, 1998	2008	2014	Construction	Lahaina Pump Station No. 2 Renovation	2039
	3 Lahaina 3	1975, 1997	2013	2015	Design	Lahaina PS 3 Pump Replacement and Odor Control Upgrade	2025
	4 Lahaina 4	1977	2004	2008	Completed	Lahaina Pump Station No. 4	2039
	5 Lahaina 5	1975	2000	2007	Completed	Lahaina 5 and 6 Force Main Replacement	2031
	6 Lahaina 6	1975	2000	2007	Completed	Lahaina 5 and 6 Force Main Replacement	2031
	7 Lahaina 7 (Puumana)	1980	2009	2015	Construction	Countywide Pump Station Renovations (Kihei 10, Puumana, Hyatt)	2045
	8 Hyatt	1980		2012	Completed	Countywide Pump Station Renovations (Kihei 10, Puumana, Hyatt)	2042
	9 Sheraton	1957, 1978	2016	2017	Scheduled	Sheraton WWPS Modifications	2047
	10 Kaanapali	1975, 1998	2012	2015	Construction	Kaanapali Wastewater Pump Station Modifications	2045
	11 Napili 1	1985	2018	2020	Scheduled	2015 PER / Napili WWPS No. 1 Modifications	2050
	12 Napili 2	1985	2018	2020	Scheduled	2015 PER / Napili WWPS No. 2 Modifications	2050
	13 Napili 3	1985	2017	2019	Scheduled	2015 PER / Napili WWPS No. 3 Modifications	2049
	14 Napili 4	1985	2017	2019	Scheduled	2015 PER / Napili WWPS No. 4 Modifications	2049
	15 Napili 5	1985	2016	2018	Scheduled	2015 PER / Napili WWPS No. 5 Modifications	2048
	16 Napili 6 (Kapalua)	1985	2016	2018	Scheduled	2015 PER / Napili WWPS No. 6 Modifications	2048
Molokai	1 Kaunakakai	1969	2007	2009	Completed	Countywide Pump Station Modifications	2039

**SUMMARY OF PUMP STATION RENOVATIONS (NUMBER AND PERCENTAGE)**

Completed	Construction	Design	Scheduled	Evaluation
18	4	4	7	9
43%	10%	10%	17%	21%

### FORCE MAIN REPLACEMENT SCHEDULE

District	Pump Station	Original Construction or Last Replacement	Scheduled Design	Scheduled Construction	Current Status	Project Name	Estimated Next Evaluation/Replacement
Kahului	1 Waiehu (Leisure Estates)	1985	2013	2015	Design	Waiehu Force Main Replacement	2050
	2 Waiehu Kou	1999	2029	2031	Evaluation		2060
	3 Hoo Hui Ana	1976	2012	2014	Design	Hoo Hui Ana Force Main Replacement	2050
	4 Hawaiian Homes	1975	2014	2016	Design	Hawaiian Homes Force Main Replacement	2052
	5 Waiuku	1972, 1976	2000	2009	Completed	Waiuku Force Main Replacement	2040
	6 Kahului	1976, 1980	2012	2014	Construction	Kahului/Waiuku Force main Replacements	2045
	7 Alamaha	1978	2009	2012	Completed	Alamaha Force Main Replacement	2052
	8 NASKA	1981	2014		Design	DOTA Project	
	9 Paia	1985	2013	2016	Design	Paia Force Main Replacement	2055
	10 Kaa	1983	2008	2011	Completed	Kaa Force Main Replacement	2051
	11 Sprecklesville	1983	2020	2023	Scheduled	Sprecklesville Force Main Replacement	2063
	12 Kuau 1	1986	2019	2022	Scheduled	Kuau 1	2062
	13 Kuau 2	1986	2019	2022	Scheduled	Kuau 2	2062
	14 Kuau 3	1986	2018	2021	Scheduled	Kuau 3	2062
	15 Kuau 4	1986	2018	2021	Scheduled	Kuau 4	2062
Kihei	1 Kihei 2	1975	2009	2011	Completed	Kihei Force Main No. 2 Replacement	2050
	2 Kihei 3	1993	2023	2025	Scheduled	Kihei Force Main No. 3 Replacement	2065
	3 Kihei 4	1993	2023	2025	Scheduled	Kihei Force Main No. 4 Replacement	2065
	4 Kihei 5	1973				<i>Lift Station not a Pump Station - no force main</i>	
	5 Kihei 6	1991	2021	2023	Scheduled	Kihei Force Main No. 6 Replacement	2060
	6 Kihei 7	1992	2022	2024	Scheduled	Kihei Force Main No. 7 Replacement	2063
	7 Kihei 8	1992	2022	2024	Scheduled	Kihei Force Main No. 8 Replacement	2063
	8 Kihei 9	1978	2011	2013	Completed	Kihei Force Main No. 9 Replacement	2052
	9 Kihei 10	1978 / 1990	2012	2014	Design	Kihei Force Main No. 10 Replacement	2055
	10 Kihei 16	1983	2014	2016	Design	Kihei Force Main No. 16 Replacement	2065
Lahaina	1 Lahaina 1	1975	2007	2009	Completed	Lahaina Pump Station No. 1 Replacement	2045
	2 Lahaina 2	1978	2010	2014	Completed	Lahaina Force Main No. 2 Replacement	2047
	3 Lahaina 3	1978 / 1997	2008	2013	Completed	Lahaina Force Main No. 3 Replacement	2049
	4 Lahaina 4	1975	2011	2015	Construction	Lahaina Force Main No. 4 Replacement	2052
	5 Lahaina 5	1975	2000	2006	Completed	Lahaina 5 & 6 Re-routing	2046
	6 Lahaina 6	1975	2000	2006	Completed	Lahaina 5 & 6 Re-routing	2046
	7 Lahaina 7 (Puamana)	1971	2009	2015	Construction	Puamana Force Main Replacement	2055
	8 Hyatt	1975	2006	2009	Completed	Kaanapali/Hyatt Force Main Replacements	2048
	9 Sheraton					<i>Lift Station not a Pump Station - no force main</i>	
	10 Kaanapali	1960	2006	2009	Completed	Kaanapali/Hyatt Force Main Replacement	2048
	11 Napili 1	1985	2017	2019	Scheduled	Napili No. 1 Force Main Replacement	2060
	12 Napili 2	1985	2017	2019	Scheduled	Napili No. 2 Force Main Replacement	2060
	13 Napili 3	1985	2016	2018	Scheduled	Napili No. 3 Force Main Replacement	2058
	14 Napili 4	1985	2016	2018	Scheduled	Napili No. 4 Force Main Replacement	2058
	15 Napili 5	1985	2015	2017	Scheduled	Napili No. 5 and 6 Force Main Replacements	2056
	16 Napili 6 (Kapalua)	1985	2015	2017	Scheduled	Napili No. 5 and 6 Force Main Replacements	2056
Molokai	1 Kaunakakai	1974	2005	2008	Completed	Kaunakakai Force Main Replacement	2048

**SUMMARY OF FORCE MAIN REPLACEMENTS (NUMBER AND PERCENTAGE)**

Completed	Construction	Design	Scheduled	Evaluation
13	3	7	16	1
33%	8%	18%	40%	3%



**ATTACHMENT B**

**ANNUAL GREASE INTERCEPTOR  
INSPECTION REPORT 2014**





County of Maui  
 Kalana O Maui Building  
 200 South High Street,  
 Wailuku, HI 96793-2155

# DEM-WW Inspections Performed Report

01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Regular

Establishment	Inspection Date	Grease Interceptor		Appendix H	
		Size	Qty	Compliant	Comments
808 BISTRO	05/28/2014	GT200	1	Y	
		GT40	1	Y	
808 DELI	05/28/2014	GT1000	1	Y	Common
A SAIGON CAFE	08/29/2014	GT1500	1	Y	
A&E ORIENTTAL FOODMART	07/07/2014	GT320	1	Y	
ABC STORE #47 HONOKOWAI	01/06/2014	GT500	1	Y	
ABC STORE #51	06/13/2014	GT30	1	Y	
		GT320	1	Y	
		GT200	1	Y	
ABC STORE #80	07/16/2014	GT320	1	Y	
AH FOOK'S SUPERMARKET	11/18/2014	GT30	2	Y	
AK'S CAFE INC.	08/18/2014	GT500	1	Y	
ALIVE & WELL HEALTH EMPORIUM	12/16/2014		0		
ALOHA ISLAND MART #1118	03/25/2014	GT500	1	Y	
ALOHA ISLAND MART #1118	12/02/2014	GT500	1	Y	
ALOHA MIXED PLATE	03/06/2014	GT1500	1	Y	
AMI AMI AT THE COAST	06/12/2014	GT1500	1	Y	
AMIGO'S AUTHENTIC MEXICAN FOOD II	12/03/2014	GT110	1	Y	
AMIGO'S AUTHENTIC MEXICAN RESTAURANT	04/10/2014	GT1500	1	Y	Common
AMIGO'S MEXICAN FOOD	07/03/2014	GT1000	1	Y	
ANDAZ MAUI AT WAILEA - POOL KITCHEN	05/08/2014	GT6000	1	Y	Common
ANDAZ - EMPLOYEE CAFE	05/08/2014	GT6000	1	Y	Common
ANDAZ - KA'ANA KITCHEN	05/08/2014	GT6000	1	Y	Common
ANDAZ - MOKAPU MARKET	05/08/2014	GT6000	1	Y	Common
ANDAZ - RESTAURANT MORIMOTO	05/08/2014	GT6000	1	Y	Common
ANDAZ - STUDIO KITCHEN	05/08/2014	GT6000	1	Y	
ANDAZ MAUI AT WAILEA - MAIN KITCHEN	05/08/2014	GT6000	1	Y	Common
ANTHONY'S COFFEE COMPANY	12/15/2014	GT30	1	Y	
ANTONIO'S	07/29/2014	GT320	1	Y	
ARC OF MAUI COUNTY	09/04/2014	GT46	1	Y	
ARCHIE'S RESTAURANT	08/26/2014	GT320	1	Y	
ASIAN CUISINE & SUSHI BAR	11/18/2014	GT1250	1	Y	
ASIAN STAR	08/26/2014	GT1500	1	Y	
AZEKA SHOPPING CENTER	07/02/2014	GT1500	1	Y	Common
BAAN THAI RESTAURANT	01/29/2014	GT500	1	Y	
BADUA CATERING	12/03/2014	GT30	1	Y	
BALDWIN H.S. OCCUPATIONAL SCHOOL CLASSROC	09/03/2014	GT500	1	Y	



County of Maui  
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 Wailuku, HI 96793-2155

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01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Regular

Establishment	Inspection	Grease Interceptor	Appendix H		
	Date	Size	Qty	Compliant	Comments
BALDWIN HIGH SCHOOL CAFETERIA	09/03/2014	GT1500	1	Y	
BALE - KAHULUI	12/01/2014	GT2000	1	Y	Common
BALE SANDWICH & PLATE LUNCH	08/26/2014	GT200	1	Y	
BALE SANDWICH - LAHAINA	03/04/2014	GT1500	1	Y	Common
BALE VIETNAMESE FOOD	07/11/2014	GT1500	1	Y	Common
BAMBOO FRESH	04/30/2014	GT50	1	Y	
BANGKOK CUISINE	12/01/2014	GT110	1	Y	
BANYAN TREATS	04/14/2014		0		
BARNES & NOBLE BOOKSELLERS, INC.	03/24/2014	GT320	1	Y	
BASIL TOMATOES ITALIAN GRILLE	02/24/2014	GT750	1	Y	
BEACH BUM'S EXPRESS	12/01/2014	GT2000	1	Y	Common
BEN & JERRY'S MAUI	11/24/2014	GT30	1	N	
BETTY'S BEACH CAFE	04/21/2014	GT750	1	Y	
BFK EXPRESS	12/02/2014	GT2000	1	N	Common
BIG DADDY'S STORE & RESTAURANT	10/07/2014	GT15	2	N	
BINHI AT ANI	10/29/2014	GT1000	1	Y	
BISTRO CASANOVA	11/12/2014	GT1500	1	Y	
BISTRO MANILA MAUI	11/20/2014	GT114	1		
BLACKIE'S PIT STOP	02/25/2014	GT320	1	Y	
BLAZIN STEAKS - MAUI #2	08/26/2014	GT49	1	Y	
BLAZIN STEAKS - MAUI #2	09/03/2014	GT49	1	Y	
BLUE GINGER CAFE	10/13/2014	GT1500	1	Y	Common
BLUE MOON CAFE	07/07/2014	GT400	1	Y	
BRIGIT & BERNARD'S GARDEN CAFE	12/23/2014	GT750	1	Y	
BRUDDAH WILLY'S STICKY RIBS	07/21/2014	GT1500	1		
BUBBA GUMP SHRIMP CO. RESTAURANT & MARKE	03/11/2014	GT1000	1	Y	
BURGER KING - KAHULUI	11/12/2014	GT1500	1	Y	
BURGER KING - MAUI MARKETPLACE	12/01/2014	GT1500	1	Y	
BURGER KING LAHAINA	04/25/2014	GT1500	1	Y	
C-JAYE'S LOCAL GRINDS	12/23/2014	GT200	1	Y	
CAA MARKETPLACE	08/19/2014	GT1000	1	Y	
CAFE CARMEN	07/10/2014	GT750	1	Y	
CAFE DES AMIS	12/23/2014	GT46	1	Y	
CAFE MAMBO	12/23/2014	GT110	1	Y	
CAFE O'LEI - KIHEI	06/18/2014	GT2000	1	Y	Common
CAFE O'LEI AT THE DUNES	10/29/2014	GT1500	1	Y	
CANOE'S LANAI RESTAURANT	10/13/2014	GT1500	1	Y	Common



County of Maui  
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 Wailuku, HI 96793-2155

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01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Regular

Establishment	Inspection	Grease Interceptor	Appendix H		
	Date	Size	Qty	Compliant	Comments
CAPTAIN JACK'S ISLAND GRILL	04/14/2014	GT300	1		
CARY & EDDIE'S HIDEAWAY	11/12/2014	GT1500	1	Y	
CASA MAYA MEXICAN RESTAURANT	03/04/2014	GT1500	1	N	Common
CASTAWAY CAFE	02/07/2014	GT1000	1	Y	
CATERING COMPANY, THE	09/24/2014	GT30	1	Y	
CATERING FROM SOUP TO NUTS	08/29/2014	GT30	1	Y	
CELEBRATIONS CATERING	12/17/2014	GT1500	1	Y	
CHARLEY'S RESTAURANT & SALOON	12/10/2014	GT1500	1	Y	
CHEESEBURGER IN PARADISE	03/11/2014	GT750	1	Y	
CHEESEBURGER MAI TAIS & ROCK N ROLL	05/21/2014	GT1500	1	Y	
CHEZ MEME BAGUETTE BISTRO	06/12/2014	GT500	1	Y	
CHINA BOAT RESTAURANT	01/08/2014	GT1000	1	Y	
CHINA BOWL ASIAN CUISINE	02/04/2014	GT1500	1	Y	
CHRIST THE KING SCHOOL	11/20/2014	GT750	1	Y	
CILANTRO MEXICAN GRILL	03/06/2014	GT320	1	Y	
CINNAMON ROLL PLACE	06/09/2014	GT30	1	Y	
CJ'S DELI & DINER	02/24/2014	GT500	1	Y	
CLUB 7 FORTY	09/30/2014	GT1500	1		
CLUB AGA-C	09/30/2014	GT30	1	Y	
CLUB KOA	09/29/2014	GT46	1	Y	
CLUB KOREANA ARIRANG I	09/29/2014	GT1500	1	Y	Common
COCONUT'S FISH CAFE	07/02/2014	GT1500	1	Y	Common
COFFEE BEAN & TEA LEAF #3023	08/19/2014	GT1500	1	Y	Common
COLD STONE CREAMERY	03/31/2014		0		
COLDSTONE CREAMERY	07/11/2014	GT1500	1	Y	Common
COOK KWEE'S MAUI COOKIES	12/22/2014	GT30	1	Y	
COOL CAT CAFE	04/10/2014	GT1500	1	Y	Common
COSTCO WHOLESALE #119	12/02/2014	GT1500	1	Y	
		GT1000	1	Y	
CUPIE'S DRIVE IN, INC.	11/18/2014	GT1000	1	Y	
DA KITCHEN	12/03/2014	GT1500	1	Y	
DA KITCHEN EXPRESS	06/18/2014	GT2000	1	Y	Common
DAIRY QUEEN/ORANGE JULIUS LAHAINA	03/04/2014	GT30	1	Y	
DANI'S CATERING	09/11/2014	GT1500	1	Y	
DAZOO RESTAURANT	12/10/2014	GT1000	1	Y	
DENNY'S RESTAURANT	06/09/2014	GT1500	1	Y	
DENNY'S RESTAURANT - KAHULUI	12/02/2014	GT1500	1	Y	



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# DEM-WW Inspections Performed Report

01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Regular

Establishment	Inspection	Grease Interceptor	Appendix H		
	Date	Size	Qty	Compliant	Comments
DIAMONDS ICE BAR & GRILL	07/02/2014	GT1500	1	N	Common
DOG & DUCK IRISH PUB	06/27/2014	GT40	2	N	
DOG & DUCK IRISH PUB	09/24/2014	GT40	2	N	
DOLLIE'S PUB & CAFE	01/21/2014	GT110	1	Y	
DOWN TO EARTH	12/02/2014	GT320	1	Y	
DRAGON DRAGON CHINESE RESTAURANT	11/19/2014	GT1500	1	Y	
DRAGONFLY	09/05/2014		0		
DUKE'S BEACH HOUSE	02/07/2014	GT2500	1	Y	
EASTER SEALS HAWAII MAUI CENTER	10/29/2014	GT320	1	Y	
EDO JAPAN-LAHAINA	03/06/2014	GT1500	1	Y	Common
ELAINE'S MAUI COOKIES	12/22/2014	GT50	1	Y	
ELSA'S KITCHEN	10/08/2014	GT320	1	N	
ESKIMO CANDY, INC.	06/12/2014	GT750	1	Y	
FABIANI'S	05/07/2014	GT1000	1	Y	
FABIANI'S	07/29/2014	GT2000	1	Y	
FAIRMONT KEA LANI - KO RESTAURANT	05/12/2014	GT5000	1	Y	Common
FAIRMONT KEA LANI - KEA LANI RESTAURANT	05/12/2014	GT5000	1	Y	Common
FAIRMONT KEA LANI - NICK'S FISH MARKET	05/12/2014	GT5000	1	Y	Common
FAIRMONT KEA LANI - POLO BAR & GRILLE	05/12/2014	GT110	1	Y	
FAT DADDY'S SMOKEHOUSE	06/24/2014	GT500	1	Y	
		GT500	1	Y	
FERNANDO'S MEXICAN GRILL & CANTINA	11/21/2014	GT1500	1	Y	
FERNANDO'S MEXICAN RESTAURANT	12/10/2014	GT2000	1	Y	Common
FIESTA TIME WAILUKU	09/05/2014	GT40	1	Y	
FIVE PALMS KIHEI	05/23/2014	GT2000	1	Y	
FIVE PALMS LAHAINA	02/19/2014	GT1000	1	N	
FLATBREAD COMPANY	12/15/2014	GT1500	1	Y	
FLEETWOODS ON FRONT STREET	04/24/2014	GT1500	1	Y	
FOODLAND #22 - LAHAINA	04/02/2014	GT750	1	Y	
FOODLAND #23 - KIHEI	06/19/2014	GT2000	1	Y	
FOODLAND #45 - KEHALANI	08/19/2014	GT1500	1	Y	Common
FOODLAND FARMS #42 LAHAINA	03/11/2014	GT750	1	Y	
		GT1250	1	Y	
FOODLAND SUPER MARKET, LTD., #20 - KAAHUMANA	11/19/2014	GT320	1	Y	
		GT750	1	Y	
FOUR SEASONS - FERRARO BAR & RESTAURANT	05/15/2014	GT50	2	Y	
FOUR SEASONS - DUO	05/15/2014	GT2500	1	Y	



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FOUR SEASONS - OHANA CAFE	05/15/2014	GT4000	1	Y	
FOUR SEASONS - THE LODGE AT KOELE	10/14/2014	GT1000	1	Y	
FOUR SEASONS RESORT - SPAGO MAUI	05/15/2014	GT50	3	Y	
FOUR SISTERS BAKERY	08/28/2014	GT110	1	Y	
FOUR SISTERS KITCHEN	08/28/2014	GT750	1	Y	
FRED'S MEXICAN CAFE	05/08/2014	GT1000	1	Y	Common
FRESH ISLAND FISH COMPANY	12/22/2014	GT30	1	Y	
FRESH MINT INC.	12/10/2014	GT30	1	Y	
FRIENDLY MARKET CENTER	10/07/2014	GT500	1	Y	
FU LIN RESTAURANT	02/25/2014	GT750	1	Y	
GANNON'S	05/15/2014	GT1500	1		
GANOTISI'S PLATE LUNCH VIDEO & VARIETY	10/14/2014	GT49	1	Y	
GATE GOURMET	12/03/2014	GT1000	1	Y	
GAZEBO RESTAURANT	01/13/2014	GT320	1	Y	
GENKI SUSHI	03/11/2014	GT1000	1	Y	
GENKI SUSHI	11/26/2014	GT2000	1	Y	
GERARD'S RESTAURANT	03/31/2014	GT750	1	Y	
GIANNOTTO'S PIZZA	08/13/2014	GT2000	1	Y	Common
GRAND WAILEA - AMASIA RESTAURANT	05/13/2014	GT75	1	Y	
GRAND WAILEA - GRAND DINING	05/13/2014	GTM50	1	Y	Common
GRAND WAILEA - ROOM SERVICE	05/13/2014	GTM50	1	Y	Common
GRAND WAILEA RESORT - BISTRO	05/13/2014	GT40	2	N	
GRAND WAILEA RESORT - CAFE KULA	05/13/2014	GT75	1	Y	
GRAND WAILEA RESORT - EMPLOYEES CAFE	05/13/2014	GT2500	1	Y	
GRAND WAILEA RESORT - HUMUHUMUNUKUNUKU	05/13/2014	GT750	1	Y	
GRAND WAILEA RESORT - LUAU STAGING	05/13/2014	GT400	1	Y	
HAGGAI INSTITUTE	07/24/2014	GT1500	1	Y	
HALE KAU KAU	07/03/2014	GT1200	1	Y	
HALE MAHAOLU	10/23/2014	GT500	1	Y	
HALE MAHAOLU EHIKU	07/29/2014	GT1500	1	Y	
HALE MAHAOLU HOME PUMEHANA	10/08/2014	GT110	1	Y	
HALIIMAILE GENERAL STORE	12/17/2014	GT1250	1	Y	
HAMAKUAPOKO NATURAL FOODS	12/10/2014	GT40	1	Y	
HARD ROCK CAFE	03/06/2014	GT1500	1	Y	
		GT30	2	Y	
HAU'S LIFE'S A BEACH	06/03/2014	GT1500	1	Y	Common
HAWAII TARO COMPANY	07/10/2014	GT30	1	Y	



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HAWAIIAN MOONS NATURAL FOODS	06/10/2014	GT197	1	Y	
HAWAIIAN SUPERFOODS	11/18/2014	GT500	1	N	
HEA & LOU'S CAFE	11/18/2014	GT45	1	N	
HEMI'S PLACE	09/29/2014	GT750	1	Y	Common
HOALOHA CULINARY CENTER/STAR NOODLE	03/11/2014	GT2000	1	Y	
HOME MAID BAKERY - WAILUKU	09/22/2014	GT1000	1	Y	
HOME MAID CAFE	07/16/2014	GT55	1	Y	
HONOKOWAI OKAZUYA	01/02/2014	GT30	1	Y	
		GTM35	1	Y	
HONOLUA STORE	01/03/2014	GT750	1	Y	
HONOLULU COFFEE COMPANY	12/15/2014	GT30	1	N	
HONU SEAFOOD & PIZZA	02/25/2014	GT750	1	Y	Common
HOTEL WAILEA MAUI - CAPISCHE	05/23/2014	GT265	1	Y	Common
HOTEL WAILEA MAUI - IL TEATRO	05/23/2014	GT265	1	Y	Common
HOTEL WAILEA MAUI - TAIKO	05/23/2014	GT1500	1	Y	
HULA GRILL	02/13/2014	GT3000	1	Y	
HYATT REGENCY - JAPENGO	02/18/2014	GT2000	1	Y	Common
HYATT REGENCY - UMALU	02/18/2014		0		
HYATT REGENCY MAUI - MAIN KITCHEN	02/18/2014	GT2000	2	Y	Common
HYATT REGENCY MAUI - SON'Z @ SWAN COURT	02/18/2014	GT1500	1	Y	
HYATT REGENCY MAUI - SPATS	02/18/2014	GT2000	2	Y	Common
I'O RESTAURANT/ THE FEAST AT LELE	04/25/2014	GT1500	1	Y	
IAO INTERMEDIATE SCHOOL	08/19/2014	GT1500	1	Y	
ICHIBAN OKAZUYA	08/26/2014	GT320	1	Y	
ICHIBAN THE RESTAURANT	11/20/2014	GT1200	1	Y	
IHOP RESTAURANT	11/25/2014	GT1500	1	Y	
ILIMA SHELL	11/25/2014		0		
ILOCANDIA FILIPINO STORE	04/03/2014	GT320	1	Y	Common
IRON IMU BBQ	01/13/2014	GT750	1	Y	
ISANA RESTAURANT	07/29/2014	GT1500	1	Y	
ISLAND MARINE ACTIVITIES	03/19/2014	GT500	1	Y	
ISLAND ORIENTAL FOOD & MARKET	04/01/2014	GT110	1	Y	
ITALIAN DELIGHT	03/24/2014	GT1000	1	Y	
IZAKAYA MATSU	07/17/2014	GT500	1	Y	
JACK IN THE BOX	07/07/2014	GT1000	1	Y	
JACK IN THE BOX - KAM AVE	11/19/2014	GT1250	1	Y	
JACK IN THE BOX - WAILUKU	09/24/2014	GT1000	1	Y	



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JACK'S INN	12/02/2014	GT750	1	Y	
JAY'S PLACE PASTA, PIZZA & SUBS	04/10/2014	GT1500	1	Y	Common
JB,S KITCHEN AND LOUNGE	09/26/2014	GT320	1	Y	
JINI'S CURRY	08/13/2014	GT2000	1		Common
JNJ CATERING & FAST FOOD	08/13/2014	GT2000	1		Common
JOE'S BAR & GRILL	05/07/2014	GT320	1	Y	
JUAN'S KITCHEN	08/19/2014	GT320	1	Y	
JUST WING IT	05/23/2014	GT1500	1	Y	Common
JUST WING IT	07/21/2014	GT1500	1	Y	Common
KA HALE A KE OLA HOMELESS RESOURCE CNTRS	04/24/2014	GT750	1	Y	
KA HALE A KE OLA SHELTER	08/18/2014	GT750	1	Y	
KAANAPALI BEACH CLUB - MAIN KITCHEN	01/28/2014	GT4000	1	Y	
KAANAPALI BEACH HOTEL - MIXED PLATE	02/11/2014	GT4000	1	Y	Common
KAANAPALI BEACH HOTEL - PLANTATION ROOM	02/11/2014	GT3000	1	Y	Common
KAANAPALI BEACH HOTEL - TIKI GRILL	02/11/2014	GT40	1	Y	
		GTM35	1		
KAANAPALI SHORES BEACH CLUB	01/28/2014	GT1500	1	Y	
KAHANA SANDS RESTAURANT	01/29/2014	GT1000	1	Y	
KAHULUI ALE HOUSE	11/26/2014	GT1500	1	N	
KAHULUI COMMUNITY CENTER	10/29/2014	GT320	1	Y	
KAHULUI HONGWANJI MISSION	12/16/2014	GT500	1	Y	
KAI WAILEA	05/22/2014	GT1500	1	Y	
KALAMA HEIGHTS RETIREMENT RESIDENCE	06/16/2014	GT1500	1	Y	
KAMALI'I ELEMENTARY SCHOOL	06/16/2014	GT1500	1	Y	
KANEMITSU BAKERY	10/08/2014	GT320	2	Y	
KAUNAKAKAI SCHOOL CAFETERIA	10/07/2014	GT1500	1	Y	
KAUPONO LLC	08/26/2014	GT30	1		
KENOLIO RECREATION CENTER, BUILDING D	07/24/2014	GT200	1	Y	
KFC - KAHULUI	11/19/2014	GT1250	1	Y	
KIHEI ALOHA ICE CREAM PARLOR	06/12/2014	GT49	1	Y	
KIHEI COMMUNITY CENTER	07/24/2014	GT320	1	Y	
KIHEI ELEMENTARY SCHOOL	07/10/2014	GT1500	1	Y	
KIHEI KALAMA VILLAGE	06/03/2014	GT1500	1	Y	Common
		GT2500	1	Y	Common
KIHEI TOWN CENTER	06/30/2014	GT1500	1	Y	Common
KIMO'S RESTAURANT	03/25/2014	GT320	2	Y	
KING KAMEHAMEHA III SCHOOL	04/24/2014	GT1500	1	Y	



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KING'S CHINESE BBQ #2	06/03/2014	GT1500	1	Y	Common
KING'S CHINESE BBQ, LLC	08/29/2014	GT250	1	Y	
KOA'S SEASIDE GRILL	03/24/2014	GT500	1	N	
KOBE JAPANESE STEAK HOUSE	04/23/2014	GT1000	1	Y	
KOHO GRILL & BAR	11/21/2014	GT1500	1	Y	
KOKO ICHIBAN YA	12/04/2014	GT200	1	Y	
KONO'S ON THE GREEN	07/10/2014	GT750	1		
KRISPY KREME	12/02/2014	GT1500	1	Y	
KUALAPUU COOKHOUSE	10/01/2014	GT270	1	Y	
KUALAPUU MARKET, LTD.	10/09/2014	GT110	1	Y	
KUSINA ORIENTAL - LAHAINA	03/19/2014	GT30	1	Y	
L & L DRIVE INN	03/04/2014	GT1500	1	Y	Common
L & L DRIVE INN - PIILANI	07/08/2014	GT1500	1	Y	Common
L & L DRIVE INN - WAILUKU	08/29/2014	GT250	1	Y	
L & L DRIVE INN - WAILUKU	09/03/2014	GT250	1	Y	
L & L DRIVE INN/CHOPSTICKS EXPRESS	12/01/2014	GT2000	1	Y	Common
L & L HAWAIIAN BBQ	02/04/2014	GT320	1	Y	
L & L HAWAIIAN BBQ	03/19/2014	GT320	1	Y	
L & L HAWAIIAN BBQ	11/24/2014	GT2000	1	N	Common
LAHAINA CANNERY MALL	03/04/2014	GT1500	1		
LAHAINA COOLERS RESTAURANT & BAR	04/23/2014	GT1000	1	Y	
LAHAINA FISH CO.	03/11/2014	GT500	1	Y	
LAHAINA GRILL	03/24/2014	GT750	1	Y	
LAHAINA ICE CREAM PARLOUR	04/23/2014	GT30	1	Y	
LAHAINA INTERMEDIATE SCHOOL	04/23/2014	GT1500	1	Y	
LAHAINA PIZZA COMPANY	04/24/2014	GT500	1	Y	
LAHAINA SPORTS BAR	04/01/2014	GT1500	1	Y	
LAHAINA YACHT CLUB	03/24/2014	GT500	1	Y	
LAHAINALUNA CAFE	04/23/2014	GT30	1		
LAHAINALUNA HIGH SCHOOL CAFETERIA	04/23/2014	GT1500	1	Y	
LANAI CITY GRILLE	10/14/2014	GT500	1	Y	
LANAI COMMUNITY HOSPITAL	10/14/2014	GT320	1	Y	
LANAI HIGH & ELEMENTARY SCHOOL - CAFETERIA	10/13/2014	GT1500	1	Y	
LANAI OHANA POKE MARKET	10/14/2014	GT30	1	Y	
LANAI RESORTS CENTRAL BAKERY	10/14/2014	GT320	1	Y	
LANAI SENIOR CENTER	10/14/2014	GT320	1	Y	
LAPPERT'S WAILEA	05/22/2014	GT30	1	Y	



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LAS PINATAS OF MAUI	12/04/2014	GT320	1	Y	
LAVA'S SPORTS BAR & KARAOKE	09/29/2014	GT750	1	Y	Common
LEILANI'S ON THE BEACH	02/13/2014	GT1500	1	Y	
		GT1000	1	Y	
LIFE FOOD	08/28/2014	GT320	1	N	
LIFE FOOD	09/16/2014	GT320	1	N	
LIHIKAI ELEMENTARY - CAFETERIA	10/24/2014	GT1500	1	Y	
LOCAL FOOD	03/05/2014	GT46	1	Y	
LONGHI'S RESTAURANT	03/11/2014	GT1500	1	Y	
LONGHI'S WAILEA	05/21/2014	GT1500	1	Y	
LUCIANO'S CATERING CO.	12/22/2014	GT40	1		
LULU'S SURF CLUB & GRILL LAHAINA	03/25/2014	GT2000	1	Y	
MAIN STREET BISTRO	08/26/2014	GT500	1	Y	
MAIN STREET PROMENADE	08/13/2014	GT2000	1	Y	Common
MAKA'S KORNER	10/07/2014	GT110	1	Y	
MAKANI KAI ISLAND GRILL AND BAR	04/17/2014	GT1500	1		Common
MALA OCEAN TAVERN	02/25/2014	GT750	1	Y	Common
MAMA DING'S PASTELES	12/17/2014	GT320	1	Y	
MAMA'S FISH HOUSE	12/10/2014	GT2000	1	Y	
		GT1000	1	Y	
MAMA'S RIBS & ROTISSERIE KIHEI	06/24/2014	GT197	1	Y	
MAMA'S RIBS & ROTISSERIE KIHEI	09/22/2014	GT197	1	Y	
MAMA'S RIBS 'N ROTISSERIE	01/28/2014	GT114	1	Y	
MANA FOODS	12/17/2014	GT1000	1	Y	
MANOLI'S PIZZA COMPANY	05/12/2014	GT2000	1	N	
MARCO'S GRILL & DELI	12/04/2014	GT1200	1	Y	
MARRIOTT'S MAUI OCEAN CLUB - BEACHWALK	02/24/2014	GT1500	1	Y	
MARRIOTT'S MAUI OCEAN CLUB - MAIN KITCHEN	02/24/2014	GT7000	1	Y	Common
MATTEO'S OSTERIA	05/07/2014	GT750	1	Y	
MAUI ARTS & CULTURAL CENTER	10/29/2014	GT1500	1		
MAUI BBQ & GRILL	06/10/2014	GT250	1	N	
MAUI BEACH HOTEL - RAINBOW ROOM	11/26/2014	GT2500	1	Y	Common
MAUI BEACH HOTEL - RED DRAGON	11/26/2014	GT2500	1	Y	Common
MAUI BREWING CO.	01/14/2014	GT320	1	Y	
MAUI BRICK OVEN	07/08/2014	GT30	1	Y	
MAUI CATTLE COMPANY	11/26/2014	GT500	1	Y	
MAUI COMMUNITY CORRECTIONAL CENTER	08/20/2014	GT30	2	Y	



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		GTM50	1	Y	
MAUI COUNTRY CLUB	12/15/2014	GT500	1	Y	
MAUI FISH & PASTA	02/13/2014		0		
MAUI GELATO	06/10/2014	GT30	1	Y	
MAUI GELATO	06/10/2014	GT30	1		
MAUI HIGH SCHOOL - CAFETERIA	10/24/2014	GT1500	1	Y	
MAUI MARKET PLACE FOOD COURT	12/01/2014	GT2000	1	Y	Common
MAUI MARRIOTT RESORT - LONG BOARD	02/24/2014	GT7000	1	Y	Common
MAUI MEMORIAL MEDICAL CENTER	09/24/2014	GT1500	1	Y	
MAUI POTATO CHIP FACTORY	12/02/2014	GT750	1	Y	
MAUI PREPARATORY ACADEMY	01/06/2014	GT1500	1	Y	
MAUI SODA & ICE WORKS, LTD.	09/22/2014	GT1500	1	Y	
MAUI SPECIALTY BAKERY PRODUCTS	04/02/2014	GT30	1	Y	
MAUI TACOS	04/03/2014	GT320	1	Y	
MAUI TACOS	06/13/2014	GT1500	1	Y	Common
MAUI TACOS	11/24/2014	GT2500	1	Y	Common
MAUI TACOS - KIHEI	06/03/2014	GT320	1	Y	
MAUI TACOS - NAPILIHAI	01/28/2014	GT320	1	Y	
MAUI TACOS - PIILANI	07/11/2014	GT1500	1	Y	Common
MAUI THAI BISTRO	06/19/2014	GT500	1	Y	
MAUI THAI RESTAURANT	06/09/2014	GT500	1	Y	
MAUI WAENA INTERMEDIATE - CAFETERIA	10/23/2014	GT1500	1	Y	
MAUI'S DEE-LITES	08/26/2014	GT500	1	Y	Common
MCDONALD'S - PUUNENE AVENUE	11/12/2014	GT1000	1	Y	
MCDONALD'S - WALMART	12/03/2014	GT1000	1	Y	
MCDONALD'S OF DAIRY ROAD	12/03/2014	GT1500	1	Y	
MCDONALD'S OF KAAHUMANU	11/25/2014	GT2500	1	Y	Common
MCDONALD'S OF KAHANA	01/14/2014	GT1000	1	Y	
MCDONALD'S OF KIHEI	07/21/2014	GT1000	1	Y	
MCDONALD'S OF LAHAINA	03/19/2014	GT1250	1	Y	
MCDONALD'S OF WAILUKU	08/26/2014	GT750	1	Y	
MCDONALD'S OF WAILUKU TOWN CENTER	09/03/2014	GT750	1	Y	
MERRIMAN'S KAPALUA	01/08/2014	GT2000	1	Y	
MIKE'S MINI MART	08/28/2014		0		
MIKE'S RESTAURANT	08/28/2014	GT500	1	Y	
MILAGROS FOOD CO.	12/16/2014	GT1200	1	Y	
MILL HOUSE, THE	08/19/2014	GT3000	1		



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MILLYARD HAMBURGER STEAK HOUSE	08/29/2014	GT40	1	Y
MIMI'S LOUNGE	09/30/2014	GT46	1	Y
MIN DULLE RESTAURANT & BAR	09/30/2014	GT30	1	Y
MINIT STOP	08/28/2014	GT320	1	Y
MINIT STOP - DAIRY ROAD	12/03/2014	GT320	1	Y
MINIT STOP - KIHEI	07/11/2014	GT320	1	Y
MINIT STOP - PAIA	12/10/2014	GT320	1	Y
MINIT STOP LAHAINA	03/31/2014	GT500	1	Y
MINIT STOP LOWER MAIN	09/26/2014	GT320	1	Y
MINIT STOP WAKEA	10/29/2014	GT320	1	Y
MISAKI'S INC.	10/01/2014	GT500	1	Y
MITCHELL PAUOLE CENTER	10/07/2014	GT500	1	Y
MIYAKO SUSHI	08/18/2014	GT320	1	Y
MOLOKAI BURGER	10/07/2014	GT200	1	Y
MOLOKAI COMMUNITY HEALTH CENTER	10/07/2014		0	
MOLOKAI DRIVE INN	10/08/2014	GT500	1	Y
MOLOKAI GENERAL HOSPITAL	10/08/2014	GT1000	1	Y
MOLOKAI PIZZA CAFE	10/08/2014	GT320	1	Y
MONKEYPOD KITCHEN	05/07/2014	GT5000	1	Y
MONSOON INDIA	04/21/2014	GT400	1	Y
MONSOON INDIA	07/24/2014	GT250	1	Y
MOOSE MCGILLYCUDDY'S	03/24/2014	GT750	1	Y
MOOSE MCGILLYCUDDY'S	05/08/2014	GT500	1	Y
MR. SUB/MR. TACO	02/13/2014	GT30	1	Y
MRS. K'S CONCESSION	10/09/2014	GT49	1	Y
MULLIGAN'S ON THE BLUE	05/12/2014	GT1200	1	Y
NA PUUWAI HEALTH CARE SYSTEM	10/08/2014	GT197	1	Y
NACHOS GRANDE	02/07/2014	GT200	1	Y
NAGASAKO OKAZUYA/DELI	04/01/2014	GT500	1	Y
NAPILI KAI MAKAI HALE	02/13/2014	GT110	1	Y
NAPILI KAI MAKAI HALE	02/19/2014	GT110	1	Y
NAPILI KAI MAKAI HALE	02/19/2014	GT110	1	Y
NAPILI KAI SEAHOUSE RESTAURANT	01/08/2014	GT1500	1	Y
NAPILI MARKET #1004	01/28/2014	GT750	1	Y
NIKKI'S PIZZA	02/13/2014	GT46	1	Y
NO KA OI DELI, INC.	03/05/2014	GT30	1	Y
NO KA OI GRINDZ	10/13/2014	GT50	1	Y



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NO. 1 CHINESE BBQ	04/03/2014	GT1500	1	Y
OH GOODIES!	09/30/2014	GT30	1	Y
OHANA KARAOKE CAFE & GRILL	09/22/2014	GT1500	1	Common
OKI'S SEAFOOD CORNER	11/19/2014	GT320	1	Y Common
OLD LAHAINA LUAU	03/06/2014	GT500	1	Y
ONO GELATO OF PAIA	12/17/2014	GT46	1	Y
ONO KAU KAU MIXED PLATE	01/21/2014	GT270	1	Y
ORITSU RAMEN	11/25/2014	GT320	1	Y
OUTBACK STEAK HOUSE - KIHEI	07/21/2014	GT1500	1	Y
OUTPOST NATURAL FOODS	10/29/2014	GT35	1	N
OYAKO-TEI RESTAURANT	11/20/2014	GT500	1	Y
PACIFIC'O RESTAURANT	04/25/2014	GT1250	1	Y
PAD THAI RESTAURANT	04/30/2014	GT65	1	Y
PADDLER'S INN RESTAURANT AND BAR	10/07/2014	GT500	1	Y
PAIA BAY COFFEE	12/15/2014		0	
PAIA COMMUNITY CENTER	10/23/2014	GT320	1	Y
PAIA COMMUNITY CENTER	12/10/2014	GT320	1	Y
PAIA FISHMARKET & RESTAURANT	12/17/2014	GT1000	1	Y
PAIA INN CAFE	12/10/2014	GT320	1	Y
PANDA EXPRESS	03/25/2014	GT1250	1	Y
PANDA EXPRESS #1208 (WALMART)	12/22/2014	GT1000	1	Y
PANDA EXPRESS #157	07/07/2014	GT1000	1	Y
PANDA EXPRESS #268	11/24/2014	GT2500	1	Y Common
PARADISE GRILL KAA NAPALI	01/29/2014	GT1500	1	Y
PARADISE GRILL KAA NAPALI	02/24/2014	GT1500	1	Y
PARADISE GRILL KAA NAPALI	02/25/2014	GT1500	1	Y
PARADISE SUPERMART FASTFOOD AND CATERING	11/28/2014	GT1000	1	Y
PASCUAL'S CAFE & CATERING	08/13/2014	GT2000	1	Common
PATTICAKES BAKERY	08/28/2014	GT40	1	Y
PAUKUKALO COMMUNITY CENTER	12/16/2014	GT1200	1	Y
PEARL'S KOREAN BBQ	11/24/2014	GT2500	1	Y Common
PEGGY SUE'S	07/02/2014	GT1500	1	Y Common
PELE'S OTHER GARDEN	10/14/2014	GT50	1	Y
PENNE PASTA CAFE	04/21/2014	GT75	1	
PHILMART ORIENTAL & FASTFOOD	07/07/2014	GT1200	1	Y
PHO SAIGON 808	04/10/2014	GT1500	1	Y Common
PIILANI VILLAGE SHOPPING CENTER	07/08/2014	GT1500	2	Y Common



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## Inspection Type: Regular

Establishment	Inspection Date	Grease Interceptor		Appendix H	
		Size	Qty	Compliant	Comments
PINE ISLE MARKET, LTD.	10/15/2014	GT30	1	Y	
PIONEER INN	04/16/2014	GT1000	1	Y	
		GT20	1	Y	
PITA PARADISE	05/07/2014	GT1500	1	Y	
PITA PARADISE	06/27/2014	GT50	1	Y	
PIZZA HUT - HINAU STREET	03/19/2014	GT1500	1	Y	Common
PIZZA HUT - KIHEI	06/13/2014	GT250	1	Y	
PIZZA HUT - WAIEHU	09/04/2014	GT500	1	Y	
PIZZA HUT MAUI MALL	11/25/2014	GT750	1	Y	
PIZZA IN PARADISE	11/20/2014	GT45	1	Y	
PIZZA MADNESS MAUI	07/08/2014	GT1000	1	Y	
PIZZA PARADISO	02/04/2014	GT110	1	Y	
PLANTATION GRINDZ	11/18/2014	GT1000	1	Y	
POI BY THE POUND	12/02/2014	GT500	1	Y	
POMAIKAI ELEMENTARY SCHOOL	10/23/2014	GT1500	1	Y	
PONO CENTER	08/29/2014	GT750	1	Y	Common
PRETZELMAKER - QKC	11/24/2014	GT30	1	Y	
PUPU LOUNGE SEAFOOD & GRILL	06/30/2014	GT400	1	Y	
PUU KUKUI ELEMENTARY SCHOOL	08/19/2014	GT1500	1	Y	
QUEEN KAAHUMANU CENTER	11/18/2014	GT2000	1	Y	Common
		GT2500	1	Y	Common
RAINBOW MALL	06/18/2014	GT2000	1	Y	Common
RAMEN-YA	01/29/2014	GT500	1	Y	
RAMEN-YA	11/21/2014	GT500	1	Y	
RANDY'S CATERING & FAST FOOD	09/22/2014	GT1500	1	Y	Common
RAWLINS CHEVRON SERVICE	10/14/2014	GT47	1	Y	
RAY'S DELI & LOUNGE	09/26/2014	GT50	2	Y	
RB BLACK ANGUS STEAKHOUSE	01/14/2014	GT1500	1	Y	
RESIDENCES AT KAPALUA BAY - EMPLOYEE KITCH	01/06/2014	GT5000	1	Y	
RESTAURANT MATSU	11/19/2014	GT320	1	Y	
REXEL PACIFIC FISH MARKET & GROCERY	12/16/2014	GT30	1	Y	
RITA'S	06/03/2014	GT2500	1	N	Common
RITZ CARLTON KAPALUA - ANUENUE KITCHEN	01/07/2014	GT5000	1	Y	Common
RITZ CARLTON KAPALUA - BANYAN TREE	01/07/2014	GT1500	1	Y	
RITZ CARLTON KAPALUA - BEACH HOUSE RESTAU	01/07/2014	GT500	1	Y	
RITZ CARLTON KAPALUA - KAMAAINA KITCHEN	01/07/2014	GT750	1	Y	Common
RITZ CARLTON KAPALUA - MAIN KITCHEN	01/07/2014	GT5000	1	Y	Common



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## Inspection Type: Regular

Establishment	Inspection	Grease Interceptor		Appendix H	
	Date	Size	Qty	Compliant	Comments
RITZ CARLTON KAPALUA - SALON BALLROOM	01/07/2014	GT750	1	Y	Common
RM MINI MART FAST FOOD & CATER SERVICE	11/20/2014	GT1200	1	N	
ROCK & BREWS RESTAURANT	12/10/2014	GT1000	1	Y	
ROSELANI PLACE	10/29/2014	GT1500	1	Y	
ROSIE'S LUNCH TO YOU & CATERING TOO	08/28/2014	GT110	1	Y	
ROUND TABLE PIZZA	02/19/2014	GT320	1	Y	
ROUND TABLE PIZZA	07/08/2014	GT750	1	Y	
ROY'S KAA NAPALI	02/11/2014	GT1000	1	Y	
ROYAL LAHAINA - ALII KITCHEN	02/11/2014	GT1000	1	Y	
ROYAL LAHAINA - ROYAL OCEAN TERRACE	02/11/2014	GT1500	1	Y	
ROYAL THAI CUISINE	07/17/2014	GT500	1	Y	
RUBY TUESDAY	07/21/2014	GT1500	1	Y	
RUBY'S DINER	11/21/2014	GT1500	1	Y	
RUTH'S CHRIS STEAK HOUSE - WAILEA	05/21/2014	GT1500	1	Y	
RUTH'S CHRIS STEAKHOUSE - LAHAINA	03/05/2014	GT1500	1	Y	
RVN DELI KITCHEN & CATERING	04/10/2014	GT320	1	Y	
S & J BAKERY, INC.	09/30/2014	GT320	1	Y	
SACK 'N SAVE FOODS, #35	08/26/2014	GT40	1	Y	
		GT50	1	Y	
		GT500	1	Y	
		GT25	1		
SACK 'N SAVE FOODS, #35	09/03/2014	GT40	1	Y	
		GT50	1	Y	
		GT500	1	Y	
		GT25	1		
SACRED HEARTS SCHOOL CAFETERIA	04/21/2014	GT500	1	Y	
SAENG'S THAI CUISINE	10/29/2014	GT1500	1	Y	Common
SAFEWAY #1500	07/24/2014	GT1500	1	Y	
SAFEWAY - KAHULUI	11/20/2014	GT40	3	Y	
		GT1500	1	Y	
SAFEWAY - MAUI LANI	09/04/2014	GT2500	1	Y	
SAFEWAY, INC. - LAHAINA	03/04/2014	GT40	1	Y	
		GT750	1	Y	
		GT20	2	Y	
SAIGON PALACE	09/29/2014	GT50	1	Y	
SAIGON SEAFOOD	03/05/2014	GT750	1	Y	
SAINT ANTHONY SCHOOL	08/29/2014	GT1500	1	Y	
SAM SATO'S INC.	08/26/2014	GT1500	1	Y	



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## Inspection Type: Regular

Establishment	Inspection	Grease Interceptor		Appendix H	
	Date	Size	Qty	Compliant	Comments
SANDY'S LOUNGE	09/26/2014	GT197	1	N	
SANGRITA GRILL & CANTINA	02/04/2014	GT1500	1	Y	
SANSEI SEAFOOD RESTAURANT & SUSHI BAR	01/06/2014	GT1500	1	Y	
SANSEI SEAFOOD RESTAURANT & SUSHI BAR	06/09/2014	GT1000	1	Y	
SARENTO'S ON THE BEACH	05/09/2014	GT1500	1	Y	
SEASONS CATERING	11/28/2014	GT47	1	Y	
SEVEN POOLS LOUNGE	09/30/2014	GT30	1	N	
SHAKA SANDWICH & PIZZA	06/25/2014	GT500	1	Y	
SHERATON - BANQUET KITCHEN	02/11/2014	GT1000	1	Y	
SHERATON MAUI - MAIN KITCHEN	02/11/2014	GT750	2	Y	
		GT396	1	Y	
SIMPLY HEALTHY CAFE	09/29/2014	GT320	1	Y	
SIMPLY SWEETS	08/28/2014	GT110	1	Y	
SIU'S CHINESE KITCHEN	11/25/2014	GT126	1	Y	
SLAPPY CAKES	02/04/2014	GT1500	1	Y	
SMOKEHOUSE BBQ BAR & GRILL	03/27/2014	GT320	1	Y	
SOUP NUTZ & JAVA JAZZ	02/04/2014	GT500	1	Y	
SOUTH SHORE TIKI LOUNGE	06/30/2014	GT30	1	Y	
SPANKY'S RIPTIDE	04/21/2014	GT500	1	Y	
SPORTS PAGE GRILL & BAR	06/10/2014	GT200	1	Y	
STELLA BLUES CAFE	07/02/2014	GT2000	1	Y	
STEWART'S BURGERS	06/30/2014	GT320	1	Y	
STILLWELL'S BAKERY & CAFE	09/04/2014	GT110	1	Y	
STINGER RAY'S	12/22/2014	GT320	1	Y	
SUDA SEAFOOD & DELI	07/10/2014	GT1500	1	N	Common
SUGAR CANE MAUI	04/23/2014	GT750	1	N	
SURFSIDE SPIRIT & DELI	06/24/2014	GT110	1	Y	
TACO BELL - KAHULUI	11/19/2014	GT750	1	Y	
TACO BELL - KIHEI	07/29/2014	GT500	1	Y	
TACO BELL - LAHAINA	03/19/2014	GT1500	1	Y	Common
TACOS LA FAMILIA	01/21/2014	GT250	1	Y	
TACOS LA FAMILIA	02/25/2014	GT250	1	Y	
TAKAMIYA MARKET	08/18/2014	GT500	1	Y	
TAMURA'S FINE WINE AND LIQUORS	12/02/2014	GT35	1	Y	
		GT320	1	Y	
TAMURA'S FINE WINE LAHAINA	05/30/2014	GT50	1	Y	
TANTE'S ISLAND CUISINE	11/12/2014	GT500	1	Y	



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Establishment	Inspection Date	Grease Interceptor		Appendix H	
		Size	Qty	Compliant	Comments
TAQUERIA CRUZ	09/24/2014	GT110	1	Y	
TASTY CRUST RESTAURANT	08/29/2014	GT2000	1	Y	
THAI CHEF RESTAURANT	04/02/2014	GT320	1	Y	
THAI SPICE	12/17/2014	GT500	1	Y	
THAILAND CUISINE	06/24/2014	GT750	1	Y	
THAILAND CUISINE	11/25/2014	GT197	1	Y	
THE BAKERY	03/19/2014	GT320	1	Y	
THE ESPRESSO CAFE	10/09/2014	GT49	1		
THE FISH MARKET MAUI	01/21/2014	GT40	1	Y	
		GT229	1	Y	
THE PINEAPPLE GRILL AT KAPALUA	01/08/2014	GT1500	1	Y	
		GT1250	1	Y	
THE RITZ-CARLTON CLUB AND RESIDENCES	01/07/2014	GT5000	1	Y	
THE STORE HOUSE	10/08/2014	GT110	1	N	
THE WESTIN MAUI - KOHALA RESTAURANT	02/18/2014	GT1500	1	Y	
THE WESTIN MAUI - MAIN KITCHEN/BAKERY	02/18/2014	GT1500	2	Y	Common
THE WESTIN MAUI - ONO CAFE	02/18/2014	GT1500	2	Y	Common
THE WESTIN MAUI - TROPICA FIRE & ICE	02/18/2014	GT125	1	Y	
THE WINE PALETTE	01/13/2014	GT35	1	Y	
THREE'S BAR & GRILL	06/03/2014	GT2500	1	Y	Common
TIFFANY'S BAR & GRILL	08/29/2014	GT1000	1	Y	
TIMES SUPER MARKET	07/03/2014	GT320	1		
		GT50	1		
TJ'S FOOD MART	12/10/2014	GT1200	1	Y	
TJ'S WAREHOUSE OUTLET	09/04/2014	GT500	1	Y	
TOBI'S SHAVE ICE - NORTH SHORE	12/16/2014	GT110	1	Y	
TOKYO TEI RESTAURANT	09/30/2014	GT750	1	Y	
TOM'S MINI MART	09/04/2014	GT110	1	Y	
TOMMY BAHAMA	05/21/2014	GT3000	1	Y	
TORTILLAS BURRITO COMPANY	12/17/2014	GT500	1	N	
TORTUGA'S	11/26/2014		0		
TROPICAL LANDING	12/22/2014	GT2500	1	Y	
TROPICAL MARKET PLACE	07/07/2014	GT46	1	Y	
ULULANI'S HAWAIIAN SHAVE ICE	07/16/2014	GT320	1	Y	
UNCLE LOUIE SAUSAGE CO., INC.	11/18/2014	GT750	1	Y	
UNIV. OF HAWAII MAUI COLLEGE, BLDG. P	10/23/2014	GT3000	1	Y	
UNIV. OF HAWAII MAUI COLLEGE, BLDG. S	10/23/2014	GT500	1	Y	



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## Inspection Type: Regular

Establishment	Inspection	Grease Interceptor	Appendix H	
	Date	Size	Qty	Compliant Comments
UPTOWN FOOD MART & CAR WASH	08/29/2014	GT320	1	Y
VALLEY ISLE SEAFOOD LLC	12/03/2014	GT200	1	Y
VIDAD'S LOCAL KINE GRINDZ	11/24/2014	GT2000	1	Common
VIETNAMESE CUISINE	07/17/2014	GT1000	1	Y
WAIKAPU GRILL	08/19/2014	GT3000	1	Y
WALEA MARRIOTT RESORT - BANQUETS	05/19/2014	GT2000	1	Y
WALEA MARRIOTT RESORT - KUMU BAR	05/19/2014	GT2500	1	Y Common
WALEA MARRIOTT RESORT - MALA WALEA REST.	05/19/2014	GT2500	1	Y Common
WAILUKU COMMUNITY CENTER	09/22/2014	GT500	1	Y
WAILUKU ELEMENTARY SCHOOL	08/19/2014	GT1500	1	Y
WAILUKU HONGWANJI MISSION	08/18/2014	GT320	1	Y
WAILUKU HONGWANJI PRESCHOOL	08/26/2014	GT40	1	Y
WAILUKU MARKET	08/28/2014	GT75	1	Y
WAR MEMORIAL STADIUM	08/29/2014	GT75	1	Y
WARREN & ANNABELLE'S	03/06/2014	GT30	1	Y
WATERCRESS SPORTS BAR & GRILL	09/26/2014	GT197	1	Y
WEI WEI BBQ & NOODLE HOUSE	08/18/2014	GT25	1	Y
		GT320	1	Y
WENA'S DELICACIES	08/29/2014	GT50	1	Y
WENDY'S #7342	10/29/2014		0	
WEST MAUI SENIOR CENTER	03/31/2014	GT750	1	Y
WESTIN KAA NAPALI OCEAN RESORT VILLAS - NOR	02/07/2014	GT4000	1	Y
WESTIN KAA NAPALI OCEAN RESORT VILLAS - SOU'	02/07/2014	GT2500	1	Y
WHALERS GENERAL STORE #1211	02/24/2014	GT35	1	Y
WHALERS GENERAL STORE #252	05/21/2014	GT750	1	Y
WHALERS GENERAL STORE-KAHANA	01/14/2014	GT320	1	Y
WHARF CINEMA CENTER, THE	04/10/2014	GT1500	2	Y Common
		GT55	1	Y
WHOLE FOODS MARKET #48	11/26/2014	GT2500	1	Y
WOW WEE MAUI'S KAVA BAR & GRILL	12/23/2014	GT110	1	Y
YUM YUM	09/11/2014	GT750	1	Y
ZIA MARIA'S GELATO	03/06/2014	GT197	1	N
ZIPPY'S RESTAURANT	12/02/2014	GT1500	1	Y
ZUSHI	04/21/2014	GT320	1	Y

**Total Inspections: 595**



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## Inspection Type: Follow-Up

Establishment	Inspection	Grease Interceptor	Appendix H	
	Date	Size	Qty	Compliant Comments
A&E ORIENTTAL FOODMART	07/24/2014	GT320	1	Y
AMI AMI AT THE COAST	07/29/2014	GT1500	1	Y
AMIGO'S MEXICAN FOOD	07/16/2014	GT1000	1	Y
BREAKWALL SHAVE ICE COMPANY	04/25/2014		0	
BREAKWALL SHAVE ICE COMPANY	07/18/2014		0	
CAFE @ LA PLAG	06/12/2014		0	
DOG & DUCK IRISH PUB	03/27/2014	GT40	2	N
DOG & DUCK IRISH PUB	11/25/2014	GT40	2	N
DOLLIE'S PUB & CAFE	03/13/2014	GT110	1	Y
DOLLIE'S PUB & CAFE	03/18/2014	GT110	1	Y
FABIANI'S	05/09/2014	GT1000	1	Y
FOODLAND #45 - KEHALANI	06/19/2014	GT1500	1	Y Common
HOME TOWN GROCERIES AND DRY FOOD	10/08/2014		0	
MATTEO'S OSTERIA	05/27/2014	GT750	1	Y
MAUI BRICK OVEN	09/22/2014	GT30	1	Y
MAUI HYATT VACATION CLUB TIMESHARE	11/20/2014	GT1000	1	Y
		GT35	1	Y
MERRIMAN'S KAPALUA	01/23/2014	GT2000	1	Y
MINIT STOP LAHAINA	04/16/2014	GT500	1	Y
MINIT STOP LAHAINA	05/09/2014	GT500	1	Y
MOLOKAI FISH & DIVE	10/08/2014		0	
MONSOON INDIA	01/02/2014	GT250	1	Y
MONSOON INDIA	11/06/2014	GT250	1	Y
ONO GELATO OF PAIA	01/15/2014	GT46	1	Y
ONO KAU KAU MIXED PLATE	04/15/2014	GT270	1	Y
ONO KAU KAU MIXED PLATE	04/17/2014	GT270	1	Y
ONO KAU KAU MIXED PLATE	04/21/2014	GT270	1	Y
PANDA EXPRESS #1208 (WALMART)	04/01/2014	GT1000	1	Y
PANDA EXPRESS #157	04/01/2014	GT1000	1	Y
PI LAHAINA	07/18/2014	GT2000	1	Y
PITA PARADISE	03/27/2014	GT50	1	Y
RITA'S	06/16/2014	GT2500	1	N Common
ROCK & BREWS RESTAURANT	02/26/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	03/12/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	04/02/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	05/13/2014	GT1000	1	Y
RODEO GENERAL STORE SOUTH	06/24/2014		0	



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## Inspection Type: Follow-Up

Establishment	Inspection Date	Grease Interceptor Size	Grease Interceptor Qty	Appendix H Compliant	Comments
SANSEI SEAFOOD RESTAURANT & SUSHI BAR	07/07/2014	GT1000	1	Y	
SARENTO'S ON THE BEACH	06/19/2014	GT1500	1	Y	
SCOOP'S ICE CREAM	03/06/2014		0		
SINGH'S CURRY HOUSE	02/19/2014	GT45	1	N	
SOUP NUTZ & JAVA JAZZ	03/18/2014	GT500	1	Y	
SPORTS PAGE GRILL & BAR	07/23/2014	GT200	1	Y	
SUNRISE CAFE	04/03/2014	GT270	1	Y	
SUNRISE CAFE	04/23/2014	GT270	1	Y	
TAQUERIA CRUZ	07/22/2014	GT110	1	Y	
TAQUERIA CRUZ	07/23/2014	GT110	1	Y	
TASTY CRUST RESTAURANT	09/18/2014	GT2000	1	Y	
WAIOHULI COMMUNITY CENTER	05/28/2014	GT1000	1	Y	
WESTIN KAA NAPALI OCEAN RESORT VILLAS - NOR	02/19/2014	GT4000	1	Y	
ONO GELATO COMPANY	07/17/2014	GT46	1	Y	
	08/29/2014		0		

**Total Inspections: 50**



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## Inspection Type: Pre-Backfill

Establishment	Inspection	Grease Interceptor	Appendix H	Comments
	Date	Size	Qty	
808 GRINDZ	04/25/2014	GT125	1	Y
ALOHA ISLAND MART LAHAINA	02/03/2014	GT320	1	Y
BAM'S PIZZA	09/16/2014	GT50	1	Y
CAKE POPS BY LIZ	10/23/2014	GT40	1	Y
FRESH MINT INC.	04/03/2014	GT30	1	Y
ILIMA SHELL	06/12/2014		0	
ILIMA SHELL	06/13/2014		0	
ISLAND COUNTRY MARKET	06/25/2014	GT1500	1	Y
ISLAND COUNTRY MARKET	08/20/2014	GT1500	1	Y
LIFE FOODS	06/10/2014	GT125	1	Y
LIFE FOODS	06/12/2014	GT125	1	Y
MARK ELLMAN	07/18/2014	GT750	1	Y
MARK ELLMAN	11/12/2014	GT750	1	Y
MAUI BREWING COMPANY - KIHEI	01/13/2014	GT1500	1	Y
MAUI BREWING COMPANY - KIHEI	02/26/2014	GT1500	1	Y
MCDONALD'S KEHALANI VILLAGE	09/05/2014	GT2000	1	Y
ONO GELATO COMPANY LAHAINA	03/11/2014	GT46	1	Y
PAIA INN CAFE	04/04/2014	GT320	1	Y
PRISON STREET PIZZERIA	03/13/2014	GT1500	1	Y
ROASTED CHILES	05/06/2014	GT1500	1	Y
SALE PEPE	04/16/2014	GT750	1	Y
TAMURA'S EXPRESS WAILUKU	10/10/2014	GT50	2	Y
TAMURA'S FINE WINE LAHAINA	04/08/2014	GT50	1	Y
TARGET	04/25/2014	GT250	1	Y
TARGET	05/01/2014	GT250	1	Y
TARGET	05/28/2014	GT250	1	Y
TS RESTAURANTS	07/18/2014	GT35	1	Y
VIP CASH N' CARRY	11/05/2014	GT500	1	Y

**Total Inspections: 28**



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## Inspection Type: Final

Establishment	Inspection	Grease Interceptor	Appendix H		
	Date	Size	Qty	Compliant	
808 GRINDZ	06/02/2014	GT125	1	Y	
ALOHA ISLAND MART LAHAINA	04/24/2014	GT320	1	Y	
BAM'S PIZZA	10/29/2014	GT50	1	Y	
BAM'S PIZZA	11/05/2014	GT50	1	Y	
CAKE POPS BY LIZ	10/23/2014	GT40	1	Y	
CAKE POPS BY LIZ	10/24/2014	GT40	1	Y	
FOODLAND #45 - KEHALANI	06/06/2014	GT1500	1	Y	Common
FOODLAND #45 - KEHALANI	06/12/2014	GT1500	1	Y	Common
FUSTINI'S	06/26/2014	GT35	1	Y	
FUSTINI'S	07/03/2014	GT35	1	Y	
HONOLUA STORE	01/03/2014	GT750	1	Y	
ILIMA SHELL	06/23/2014		0		
ILIMA SHELL	07/08/2014		0		
JAVA BEE CAFE	09/18/2014	GT35	1	Y	
KULA BISTRO	06/04/2014	GT500	1	Y	
KULA BISTRO	06/17/2014	GT500	1	Y	
LIFE FOODS	09/04/2014	GT125	1	Y	
LIFE FOODS	09/16/2014	GT125	1	Y	
MAUI BREWING COMPANY - KIHEI	04/15/2014	GT1500	1	Y	
MAUI BREWING COMPANY - KIHEI	04/17/2014	GT1500	1	Y	
MAUI HYATT VACATION CLUB TIMESHARE	11/10/2014	GT1000	1	Y	
		GT35	1	Y	
MONTAGE KAPALUA BAY	06/04/2014	GT5000	1	Y	Common
NELLIE'S BISTRO 19	12/15/2014	GT250	1	Y	
ONO GELATO - THE OUTLETS OF MAUI	03/27/2014	GT35	1	Y	
ONO GELATO - THE OUTLETS OF MAUI	04/08/2014	GT35	1	Y	
ONO GELATO COMPANY LAHAINA	03/13/2014	GT46	1	Y	
ONO GELATO COMPANY LAHAINA	04/08/2014	GT46	1	Y	
ONO GELATO COMPANY LAHAINA	04/16/2014	GT46	1	Y	
PAIA INN CAFE	06/25/2014	GT320	1	Y	
PAIA INN CAFE	06/27/2014	GT320	1	Y	
PI LAHAINA	06/13/2014	GT2000	1	Y	
PLANTATION GRINDZ	03/18/2014	GT1000	1	Y	
PLANTATION GRINDZ	04/15/2014	GT1000	1	Y	
PRISON STREET PIZZERIA	06/16/2014	GT1500	1	Y	
ROASTED CHILES	05/13/2014	GT1500	1	Y	
ROASTED CHILES	08/05/2014	GT1500	1	Y	



County of Maui  
 Kalana O Maui Building  
 200 South High Street,  
 Wailuku, HI 96793-2155

# DEM-WW Inspections Performed Report

01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Final

Establishment	Inspection	Grease Interceptor	Appendix H	Comments
	Date	Size	Qty	
ROCK & BREWS RESTAURANT	01/30/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	02/06/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	02/12/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	02/20/2014	GT1000	1	Y
ROCK & BREWS RESTAURANT	02/24/2014	GT1000	1	Y
RUBY'S DINER	07/02/2014	GT125	2	Y
RUBY'S DINER	09/12/2014	GT125	2	Y
RUTZ SALON	04/23/2014		0	
SALE PEPE	04/16/2014	GT750	1	Y
SALE PEPE	07/02/2014	GT750	1	Y
SANGRITA GRILL & CANTINA	01/09/2014	GT1500	1	Y
SUPERCUTS LAHAINA	08/18/2014		0	
TAMURA'S FINE WINE LAHAINA	05/27/2014	GT50	1	Y
TARGET	11/12/2014	GT250	1	Y
TARGET	12/18/2014	GT250	1	Y
THE MARKET BY CAPISCHE	03/18/2014	GT50	1	Y
THE MARKET BY CAPISCHE	03/24/2014	GT50	1	Y
THE MARKET BY CAPISCHE	04/17/2014	GT50	1	Y
TS RESTAURANTS	09/12/2014	GT35	1	Y
ULULANI'S HAWAIIAN SHAVE ICE & MAUI MANAPU	12/15/2014		0	
WAIOHULI COMMUNITY CENTER	05/27/2014	GT1000	1	Y
WAIOHULI COMMUNITY CENTER	06/04/2014	GT1000	1	Y

**Total Inspections: 58**



County of Maui  
 Kalana O Maui Building  
 200 South High Street,  
 Wailuku, HI 96793-2155

# DEM-WW Inspections Performed Report

01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Misc.

Establishment	Inspection	Grease Interceptor	Appendix H		
	Date	Size	Qty	Compliant	
ALOHA AINA CENTER	12/23/2014	GT1250	1	N	
ANDAZ MAUI AT WAILEA - MAIN KITCHEN	01/15/2014	GT6000	1	Y	Common
COW PIG BUN	10/17/2014	GT750	1		
FLATBREAD COMPANY	10/17/2014	GT1500	1	Y	
HARD ROCK CAFE	05/09/2014	GT1500	1	Y	
		GT30	2	Y	
HAWAIIAN MOONS NATURAL FOODS	07/23/2014	GT197	1	Y	
ISLAND CREAM CO.	09/18/2014	GT30	1	Y	
JAVA BEE CAFE	09/03/2014	GT35	1	Y	
JAY'S PLACE PASTA, PIZZA & SUBS	08/12/2014	GT1500	1	Y	Common
KOKO ICHIBAN YA	02/21/2014	GT200	1	Y	
KOKO ICHIBAN YA	12/10/2014	GT200	1	Y	
KULA BISTRO	06/23/2014	GT500	1	Y	
LULU'S SURF CLUB & GRILL LAHAINA	01/08/2014	GT2000	1	Y	
LYNN'S KITCHENETTE	01/21/2014	GT30	1	Y	
MAMA'S RIBS 'N ROTISSERIE	06/02/2014	GT114	1	Y	
MANOLI'S PIZZA COMPANY	05/22/2014	GT2000	1	N	
MARCO'S GRILL & DELI	12/10/2014	GT1200	1	Y	
MAUI FLAVORS CATERING & INTERNET CAFE	12/17/2014	GT1000	1	Y	
MAUI TACOS - NAPILIHAI	08/12/2014	GT320	1	Y	
MAUI THAI BISTRO	06/23/2014	GT500	1	Y	
MCDONALD'S KEHALANI VILLAGE	08/21/2014	GT2000	1	Y	
MCDONALD'S OF KAHANA	07/18/2014	GT1000	1	Y	
MLU ASIAN FOODMART & CATERING, LLC	01/28/2014	GT110	1	Y	
MONSOON INDIA	08/20/2014	GT250	1	Y	
MONTAGE KAPALUA BAY	04/21/2014	GT5000	1	Y	Common
OPI MINI MART	10/23/2014	GT500	1	Y	
PAD THAI RESTAURANT	01/08/2014	GT65	1	Y	
PAIA FISH MARKET SOUTH SIDE	11/24/2014	GT1500	1	N	Common
PAIA INN CAFE	03/12/2014	GT320	1	Y	
PANDA EXPRESS #157	05/21/2014	GT1000	1	Y	
PI LAHAINA	03/05/2014	GT2000	1	Y	
PLANTATION GRINDZ	03/03/2014	GT1000	1	Y	
PLANTATION GRINDZ	05/07/2014	GT1000	1	Y	
RITZ CARLTON KAPALUA - MAIN KITCHEN	01/14/2014	GT5000	1	Y	Common
RUBY'S DINER	03/18/2014	GT125	2	Y	
SAFEWAY - MAUI LANI	02/06/2014	GT2500	1	Y	



County of Maui  
 Kalana O Maui Building  
 200 South High Street,  
 Wailuku, HI 96793-2155

# DEM-WW Inspections Performed Report

01/14/2015

Performed 01/01/2014 - 12/31/2014

## Inspection Type: Misc.

Establishment	Inspection Date	Grease Interceptor Size	Grease Interceptor Qty	Appendix H Compliant	Comments
SAFEWAY - MAUI LANI	06/27/2014	GT2500	1	Y	
SANSEI SEAFOOD RESTAURANT & SUSHI BAR	01/24/2014	GT1000	1	Y	
SPORTS PAGE GRILL & BAR	07/12/2014	GT200	1	Y	
TAQUERIA CRUZ	05/21/2014	GT110	1	Y	
TARGET	03/06/2014	GT250	1	Y	
THAI SPICE	12/23/2014	GT500	1	Y	
TOM'S MINI MART	09/24/2014	GT110	1	Y	
WESTIN KAA NAPALI OCEAN RESORT VILLAS - NOR	02/11/2014	GT4000	1	Y	
ZIA MARIA'S GELATO	05/30/2014	GT197	1	N	

**Total Inspections: 45**

**ATTACHMENT C**  
**2014 4<sup>TH</sup> QUARTER SPILL**  
**REPORTS**

*This attachment is available at:*

*The Department of Environmental Management  
Wastewater Reclamation Division Office  
2200 Main Street Suite 610  
Wailuku, HI 96793*



Operations Administration  
480 E Welakahao Road  
Kihei, HI 96753

Central Maintenance  
480 E Welakahao Road  
Kihei, HI 96753

Collections Systems  
58 Hana Hwy  
Kahului, HI 96732

Central Laboratory  
480 E Welakahao Road  
Kihei, HI 96753



COPY

Lahaina Wastewater Facility  
3300 Lower Honoapiilani Hwy  
Lahaina, HI 96761

Kahului Wastewater Facility  
281 Amala Place  
Kahului, HI 96732

Kihei Wastewater Facility  
480 East Welakahao Rd.  
Kihei, Hawaii 96753

Molokai Wastewater Facility  
Maunaloa Highway  
Kaunakakai, Molokai 96748

Lanai Wastewater Facility  
12<sup>th</sup> Street  
Lanai City, HI 96763

**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
WASTEWATER RECLAMATION DIVISION  
OPERATIONS & MAINTENANCE**

November 19, 2014

MEMO TO: ERIC NAKAGAWA, DIVISION CHIEF  
VIA: STEVE PARABICOLI, OPERATIONS PROGRAM SUPERINTENDENT  
FROM: FRANCIS ASIU, CS SUPERINTENDENT / KEVIN SOUZA SMS-II

SUBJECT:	OVERFLOW REPORT	NO.	CS#
	MAINTENANCE CONNECTION	COL-	14-074
	W/O#:		

**SUMMARY:**

DATE/TIME OVERFLOW STARTED/REPORTED	DATE:	TIME:
	11/18/14	1430

TIME OVERFLOW STOPPED: 1520

DURATION OF OVERFLOW: 50 MINUTES

LOCATION OF OVERFLOW: ALENA PL/AKAI ST., KIHEI

ORIGINATION POINT: KIAB110400

WHERE OVERFLOW WENT:

AROUND MANHOLE TO CURBING

PARTY RESPONSIBLE FOR OVERFLOW:  COUNTY  PRIVATE

CAUSE OF  
OVERFLOW:

GREASE BLOCKAGE IN MAINLINE SEGMENT

ACTION  
TAKEN:

CLEARED BLOCKAGE IN MAIN LINE WITH HIGH PRESSURE JETTER. ALSO FLUSHED  
NEXT TWO LINE SEGMENTS. VACUUMED ALL SPILL WATERS, WASHED DOWN ALL  
AFFECTED AREAS, DISINFECTED WITH PINE OIL. INSPECTED THE TWO AFFECTED  
HOMES - CALLED PWC HAWAII FOR GENERAL CLEANING

**METHOD OF CALCULATIONS:**

LENGTH (ft) X WIDTH (ft) X DEPTH (ft) = CUBIC FEET X 7.5 gals/ ft = GALLONS

PUMP RUN TIME (minutes) X PUMPING RATE (gal/min) = GALLONS

OTHER \_\_\_\_\_

**CALCULATIONS:**

AREA I:  $20 \times 20 \times .02 \times 7.5 = 60$   
AREA II:  $8 \times 1 \times .25 \times 7.5 = 15$   
75 GALLONS ON ROADWAY

**CALCULATIONS FOR QUANTITY OF OVERFLOW**

QUANTITY OF OVERFLOW: 75 GALLONS

DID OVERFLOW REACH WATERWAY:

YES

NO

QUANTITY TO WATERWAY\*: 0

CALCULATED BY: MICHAEL FREITAS

IF INTO WATERWAY\*, INDICATE VOLUME REACHING WATERWAY, WHO CALCULATED AND HOW CALCULATED  
WATERWAY\* = STREAMS, IRRIGATION OR DRAINAGE DITCHES, STORM DRAINS, PONDS, PACIFIC OCEAN, ETC.

**ATTACHMENTS**

PHOTO       MAPS       DRAWINGS

**SPILL AREA CLEAN UP**

STANDING WATER REMOVED       YES       NO

IF NO, REASON:

SPILL AREA DISINFECTED       YES       NO

IF NO, REASON:

TYPE OF DISINFECTANT       PINE OIL       HYPOCHLORITE       PIT-CHLOR       OTHER:

RAIN EVENT:       YES      INTENSITY:       HEAVY  
 NO       MODERATE  
 LIGHT

**LABORATORY INFORMATION**

1. SAMPLING CONDUCTED BY LAB       YES       NO

IF NO, REASON:

2. WARNING SIGNS POSTED       YES       NO

IF NO, REASON:

SUBMITTED BY: FRANCIS ASIU  
SECTION: WWRD COLLECTION SYSTEM



**Work Order COL-983032**

Collections  
Printed 11/19/2014 - 9:19 AM (Duplicate Copy)

**Maintenance Details**

<p><b>Requested By:</b> ASIU, Francis on 11/19/2014 7:35:00 AM</p> <p><b>Problem:</b> W-CS - Service Response: STANDARD (CS - SERVICE RESPONSE: S)</p> <p><b>Procedure:</b> Service Response Form (COL-SR)</p> <p><b>Reason:</b> W-CS - Service Response: STANDARD: MESSAGE ON ANSWERING MACHINE REPORTS M/H OVERFLOWING AKAI ST/ALENA PL., KIHEI</p>	<p><b>Target:</b> 11/19/2015 (0.75) hr</p> <p><b>Priority/Type:</b> 2 - High / Corrective</p>	<p> Collections &amp; Linear Assets</p> <p> Area II</p> <p> Kihei Collections</p> <p> Kihei Year 3 4th Quarter</p> <p> <b>0678-KI11AB0400KI11AB0300 (S-KI11AB0400KI11AB0300)</b></p>
		<p><b>Model:</b></p> <p><b>Serial:</b></p> <p><b>Manufacturer:</b></p> <p><b>Vicinity:</b> 305.24 ft 8 in PVC; AKAI PLACE</p> <p><b>Contact:</b> ASIU, Francis</p> <p><b>Phone:</b> (808) 243-7465</p>

**Tasks**

#	Description	Rating	Meas.	Initials	Failed	Complete
<b>General Information</b>						
1	CS#: <b>Comments: 14-074</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Date: <b>Comments: 11/18/14</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Caller Name: <b>Comments: ANONYMOUS</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Address: <b>Comments: ALENA PL/AKAI ST.</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	City: <b>Comments: KIHEI</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	Phone #: <b>Comments: NONE LEFT</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	TMK:				<input type="checkbox"/>	<input type="checkbox"/>
8	Segment ID #: <b>Comments: KI11AB0400KI11AB0300</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Manhole ID #: <b>Comments: SPILL POINT KI11AB0400</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Times</b>						
110	Time Received Call: <b>Comments: 1430</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
114	Time Job Completed: <b>Comments: 1730</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
115	Response Duration: <b>Comments: 3 HOURS</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
116	After Hours C/O: [1=Yes] <b>Comments: 1 - 2 HOURS</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Reported Complaint</b>						
200	Details:[1=Manhole Overflowing], [2=Cleanout Overflowing], [3=Mainline Blockage], [4=Lateral Blockage], [5=Odor], [6=Depression/Hole], [7=Vermin], [8=Other]. Please add comments. <b>Comments: 1</b>				<input type="checkbox"/>	<input checked="" type="checkbox"/>

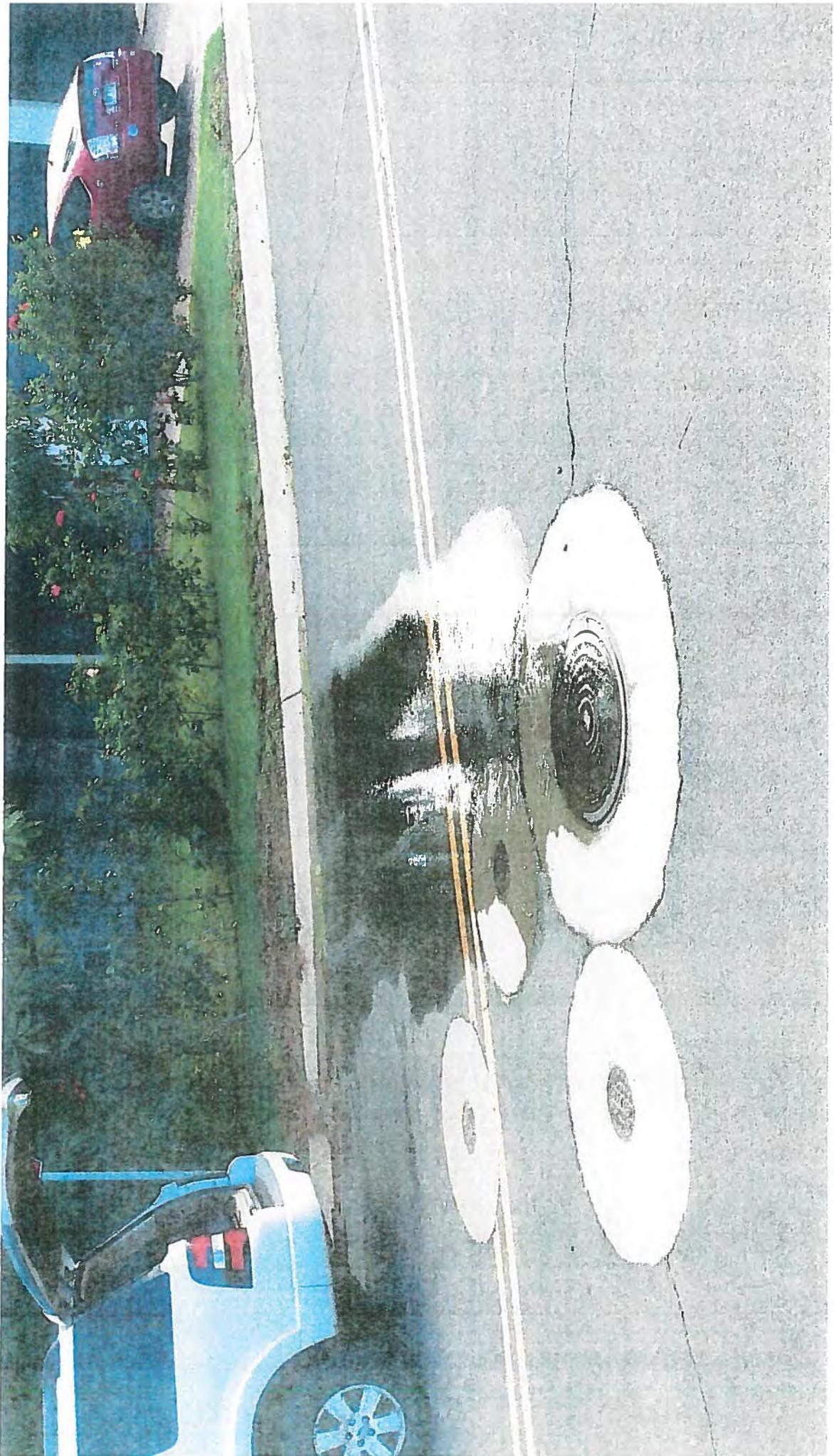
Field Observations / Actions			
220	Cause of Problem: <b>Comments: GREASE BLOCKAGE IN MAIN LINE SEGMENT K111AB0400K111AB0300. BLOCKAGE OR PROCESS OF CLEARING OF BLOCKAGE ALSO CAUSED SEWER TO BACK UP INTO TWO (2) CONFIRMED HOMES. UNABLE TO VERIFY OTHER HOMES IN THE AREA (TENANTS NOT HOME).</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
230	Action Taken: <b>Comments: CLEARED BLOCKAGE IN MAIN LINE WITH HIGH PRESSURE VAC TRUCK. ALSO FLUSHED NEXT TWO DOWNSTREAM LINE SEGMENTS TO ENSURE BLOCKAGE HAD BEEN FULLY CLEARED AND NO FURTHER BLOCKAGES RESULTED FROM CLEAING INITIAL BLOCKAGE. VACUUMED UP ALL SPILL WATERS, WASHED DOWN ALL AFFECTED AREAS, DISINFECTED SPILL AREA WITH PINE OIL. INSPECTED THE TWO AFFECTED HOMES - 103 AKAI STREET AND 95 ALENA PLACE FOR DAMAGES. CALLED PWC TO START WATER REMOVAL AND CLEANING. ALSO CALLED ROTOR ROTTER TO CLEAR BLOCKAGES IN THE TUBS AND TOILETS OF 95 ALENA PL</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Property Damage			
240	<b>Property Damage: {1=Yes}, Discribe Damage {2=None Reported}</b> <b>Comments: 103 AKAI PL. - EXTENSIVE WATER DAMAGE FROM FLOODING TO VARIOUS BATHROOMS, HALLWAYS, BEDROOMS, LIVING AREA, FLOORING, WALLS, VARIOUS FURNITURE AND ITEMS ON FLOODED FLOOR AREA.OWNER ALSO REPORTED WATER DAMAGE TO ONE OF HIS COMPUTERS. 95 ALENA PLACE - WATER DAMAGE TO FLOORING, CABINETS, WALLS, DRESSERS, VARIOUS FURNITURE AND ITEMS ON FLOODED FLOOR AREA.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Spill Information			
300	<b>Spillage Occurred: {1=Yes}, {2=No}</b> <b>Comments: 1</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
320	County Spill: Quantity <b>Comments: SPILL ON ROADWAY HAS BEEN CALCULATED AT 75 GALLONS. QUANTITY IN THE TWO AFFECTED HOMES WAS NOT ESTIMATED.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
340	Private Spill: Quantity	<input type="checkbox"/>	<input type="checkbox"/>
350	Waterway Entered: {1=Yes}, {2=No} <b>Comments: 2</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
360	Waterway: Quantity	<input type="checkbox"/>	<input type="checkbox"/>
365	Spill (Time Start):	<input type="checkbox"/>	<input type="checkbox"/>
366	Spill (Time Stop):	<input type="checkbox"/>	<input type="checkbox"/>
367	Spill (Duration):	<input type="checkbox"/>	<input type="checkbox"/>
370	Where Overflow Went: (Discribe Spill route & location) <b>Comments: STARTED AT SPILL POINT (MH K111AB0400) TOWARDS CURBING AREA.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
380	Overflow and Lessons Learned Report Attached: {1=Yes}, {2 = Not Required} <b>Comments: 1</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

390	Map Attached: {1=Yes}, {2=No} <b>Comments: 1</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
400	Photo(s) Attached: {1=Yes}, {2=No} <b>Comments: 1</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Follow-up requirements</b>			
690	<b>Follow up required: {Failed=Yes}, {Complete= Not Required}.</b>	<input type="checkbox"/>	<input type="checkbox"/>
700	Follow-up M.C. WO # COL-:	<input type="checkbox"/>	<input type="checkbox"/>

<b>Labor</b>							
Labor	Account	Work Date	Start	End	Reg Hrs	OT Hrs	Other Hrs
1270 - CM 2066	7040	11/18/2014			1	0	0
1456 - CM 2347	7040	11/18/2014			1	0	0
1553 - CM2430		11/18/2014			4	0	0
ASIU, Francis		11/18/2014			1	4	0
CAULFORD, Aaron		11/18/2014			1	0	0
FREITAS, Michael		11/18/2014			1	2	0
NAKAGAWA, Kim		11/18/2014			1	2	0
VASQUEZ, John		11/18/2014			1	2	0

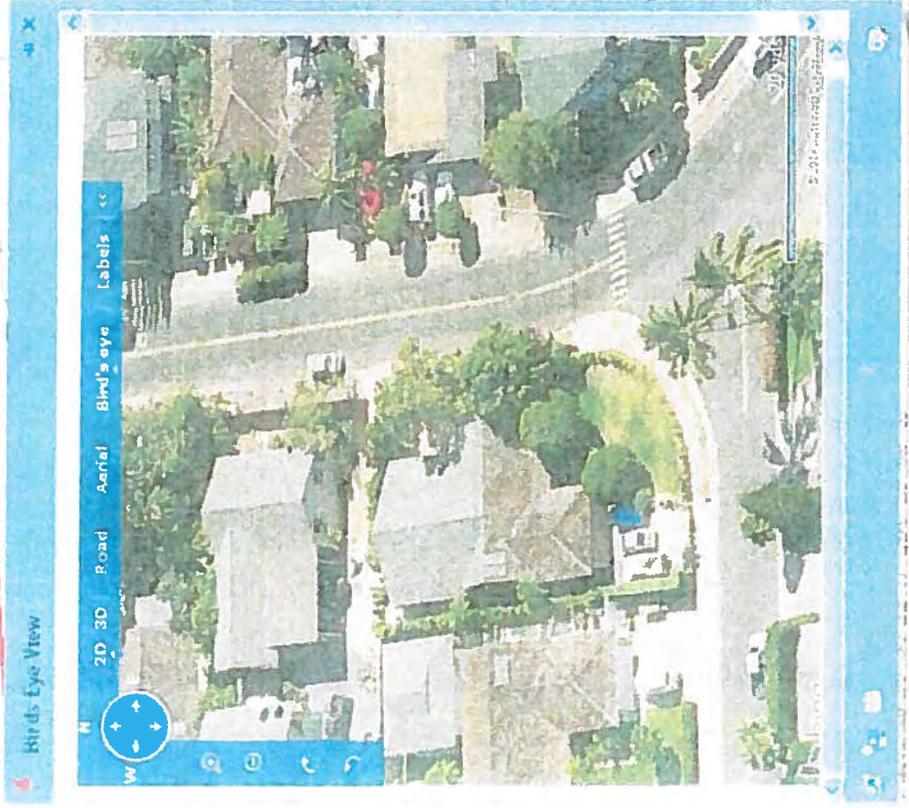
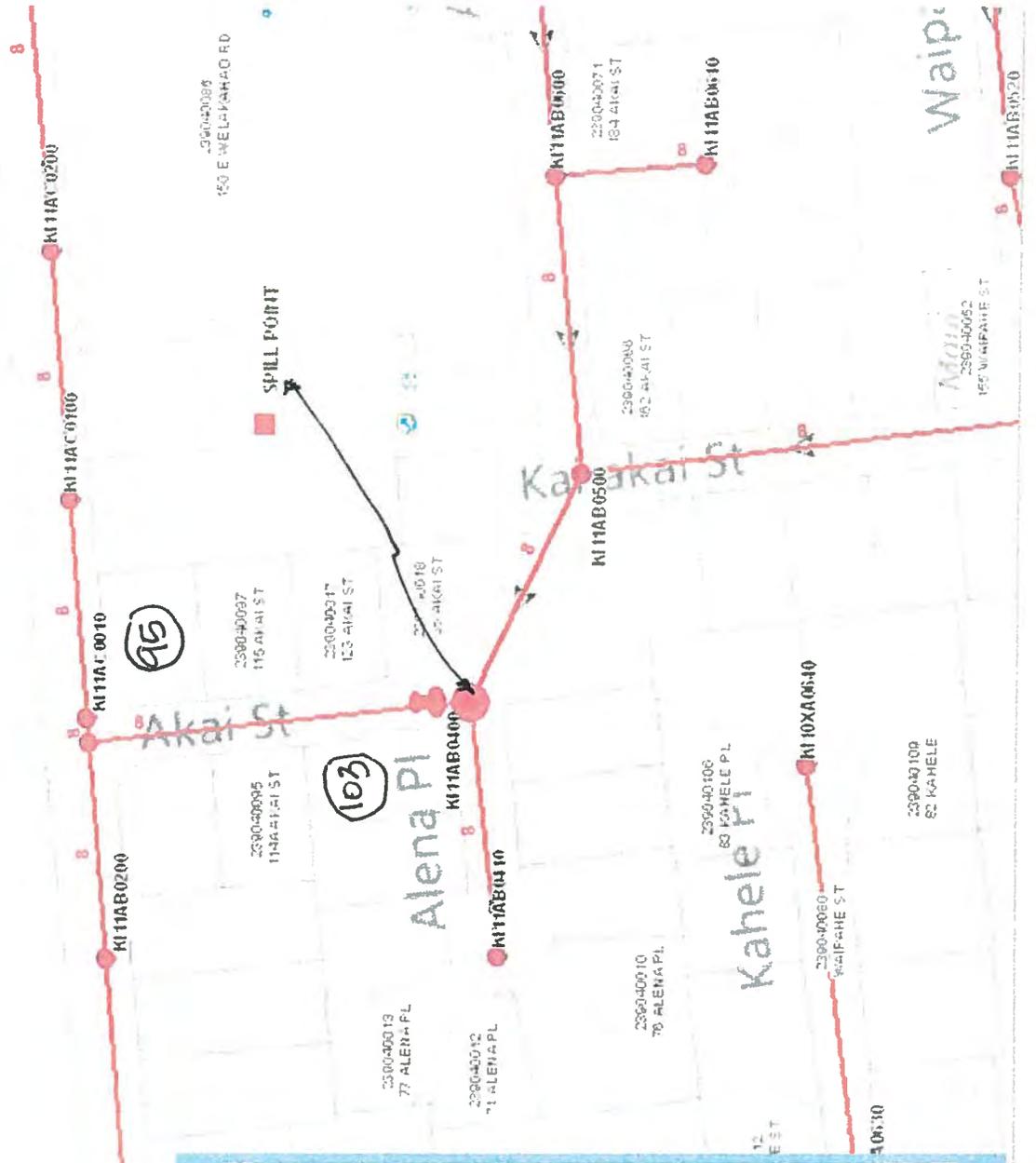
<b>Other Costs</b>						
Name	Description	Invoice #	Account	Date	Est Cost	Actual Cost
ROTOR ROOTER	CLEAR BLOCKAGE	8	6132	11/19/2014	\$ 0.00	\$ 191.41

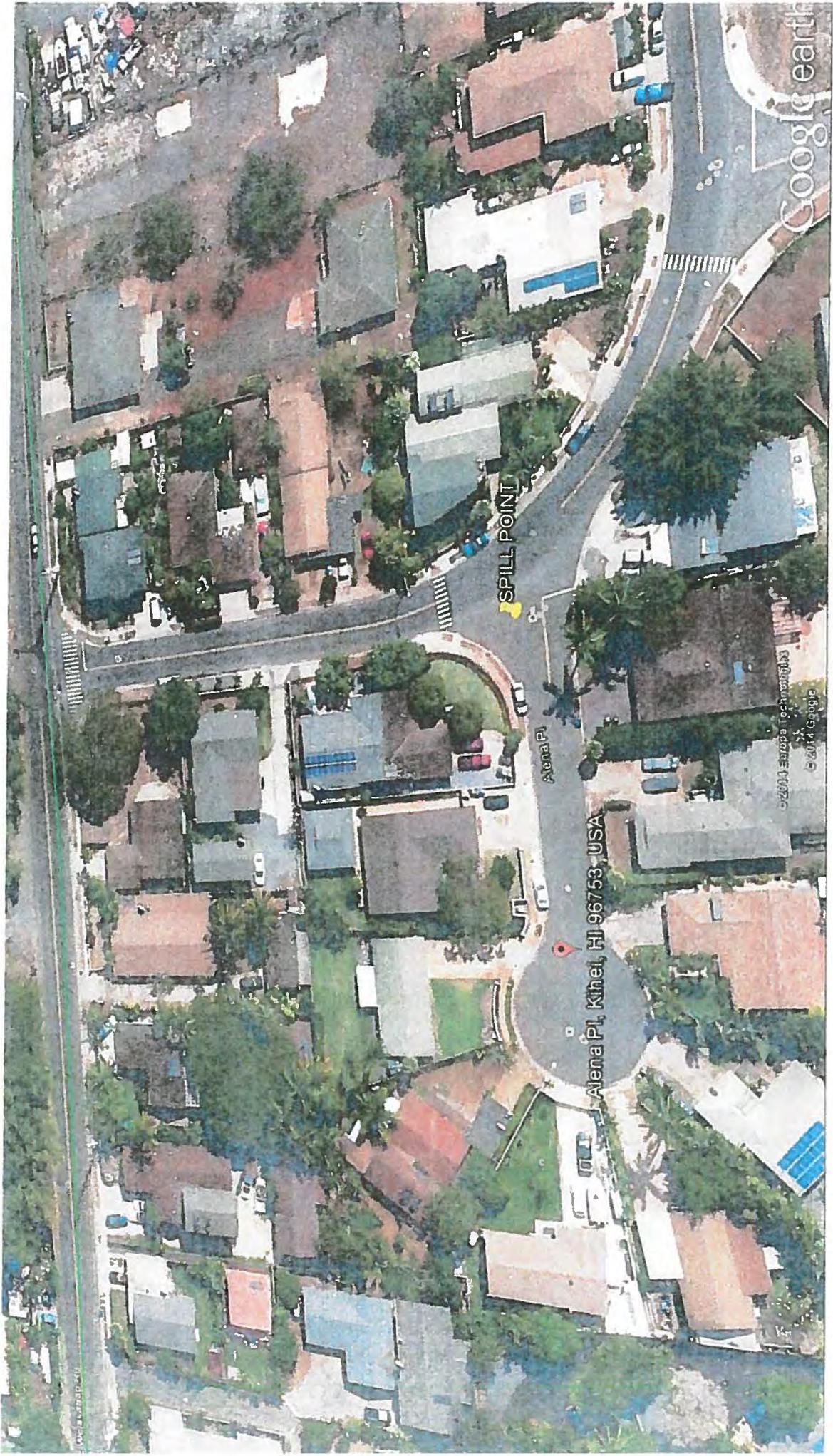
<b>Labor Report</b>
<b>Completed:</b> _____ <b>Failure:</b> / _____ <b>Report:</b> _____



239002117  
152 E WELAKAHAO RD

239002014  
15 E WELAKAHAO RD





Alena Pl, Kiheti, HI 96753, USA

SPILL POINT

Alena Pl

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Google earth



ALAN M. ARAKAWA  
Mayor

KYLE K. GINOZA, P.E.  
Director

MICHAEL M. MIYAMOTO  
Deputy Director



MICHAEL RATTE  
Solid Waste Division

ERIC NAKAGAWA, P.E.  
Wastewater Reclamation Division

**COUNTY OF MAUI  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT**

2050 MAIN STREET, SUITE 1C  
WAILUKU, MAUI, HAWAII 96793

December 5, 2014

COPY

Mr. Stuart Yamada, Chief  
Hawaii State Department of Health  
Environmental Health Administration  
P.O. Box 3378  
Honolulu, HI 96801

Dear Mr. Yamada:

**SUBJECT: WASTEWATER OVERFLOW - KAHULUI**

The County of Maui experienced a raw wastewater overflow of approximately 1,424 gallons on December 5, 2014 in Kahului. The overflow was reported at 9:00 a.m. and was stopped by 10:00 a.m.

The overflow was caused by an unknown blockage in the mainline. The wastewater flowed from a manhole on Aleo Place, Kahului, and flowed along the roadway into a french drain which does not connect to the ocean or any waterway.

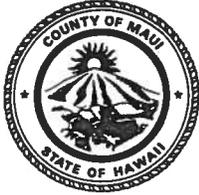
Your Maui office was notified, the blockage cleared, the wastewater pumped up, and the area disinfected.

Should you have any questions, please feel free to call Eric Nakagawa, Wastewater Reclamation Division Chief, at 270-7417.

Sincerely,

Kyle K. Ginoza, P.E.  
Director of Environmental Management

cc: Roland Asakura, DOH - Maui  
Alec Wong, Clean Water Branch, DOH - Oahu



**County of Maui  
Information Office**  
200 South High Street  
Wailuku, Hawai'i 96793-2155  
Phone: (808) 270-7857  
Fax: (808) 270-7870

# *NEWS*

December 5, 2014

Contact: Eric Nakagawa, Wastewater Reclamation Division Chief  
Department of Environmental Management  
Phone (808) 270-7417

## Wastewater Overflow Occurs In Kahului

WAILUKU, Maui, Hawaii – The County of Maui's Department of Environmental Management reported that a wastewater overflow of approximately 1,424 gallons occurred on December 5, 2014 in Kahului. The overflow was reported at 9:00 a.m. and was stopped by 10:00 a.m.

The overflow was caused by an unknown blockage in the mainline. The wastewater flowed from a manhole on Aleo Loop, Kahului, and flowed along the roadway into a french drain which does not connect to the ocean or any waterway.

The blockage was cleared, the wastewater was pumped up, and the spill site was cleaned and disinfected. The State Department of Health has been notified.

###

Operations Administration  
480 E Welakahao Road  
Kihei, HI 96753

Central Maintenance  
480 E Welakahao Road  
Kihei, HI 96753

Collections Systems  
58 Hana Hwy  
Kahului, HI 96732

Central Laboratory  
480 E Welakahao Road  
Kihei, HI 96753



Lahaina Wastewater Facility  
3300 Lower Honoapiilani Hwy  
Lahaina, HI 96761

Kahului Wastewater Facility  
281 Amala Place  
Kahului, HI 96732

Kihei Wastewater Facility  
480 East Welakahao Rd.  
Kihei, Hawaii 96753

Molokai Wastewater Facility  
Maunaloa Highway  
Kaunakakai, Molokai 96748

Lanai Wastewater Facility  
12<sup>th</sup> Street  
Lanai City, HI 96763

**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
WASTEWATER RECLAMATION DIVISION  
OPERATIONS & MAINTENANCE**

December 5, 2014

**MEMO TO:** ERIC NAKAGAWA, DIVISION CHIEF  
**VIA:** STEVE PARABICOLI, OPERATIONS PROGRAM SUPERINTENDENT  
**FROM:** FRANCIS ASIU, CS SUPERINTENDENT / KEVIN SOUZA SMS-II

**SUBJECT:** OVERFLOW REPORT NO. CS# 14-078  
MAINTENANCE CONNECTION COL- 983949  
W/O#:

**SUMMARY:**

DATE/TIME OVERFLOW STARTED/REPORTED DATE: 12/05/14 TIME: 0900

TIME OVERFLOW STOPPED: 1000

DURATION OF OVERFLOW: 1HR.

LOCATION OF OVERFLOW: MH KA20XD0400. ALEO LOOP, KAHULUI

ORIGINATION POINT:

FROM MH KA20XD0400 ON ROADWAY INTO FRENCH DRAIN.

WHERE OVERFLOW WENT:

PARTY RESPONSIBLE FOR OVERFLOW:

COUNTY

PRIVATE

CAUSE OF  
OVERFLOW:

UNKNOWN BLOCKAGE IN LINE SEGMENT KA20XD0200KA20XD0100

ACTION  
TAKEN:

CLEARED BLOCKAGE IN AFFECTED LINE SEGMENT FROM M/H # KA20XD2600 ON WAKEA AVE. TO KA20XD0200 IN ALEO LOOP EASEMENT. REMOVED ALL STANDING WATER WITH VAC TRUCK CLEANED AND DISINFECTED ALL AFFECTED AREAS WITH PINEOIL.

**METHOD OF CALCULATIONS:**

LENGTH (ft) X WIDTH (ft) X DEPTH (ft) = CUBIC FEET X 7.5 gals/ ft = GALLONS

PUMP RUN TIME (minutes) X PUMPING RATE (gal/min) = GALLONS

OTHER \_\_\_\_\_

**CALCULATIONS:**

AREA 1 ROADWAY: 45'X15'X 1/4 ( .02 )X7.5= 101.25  
AREA 2 FRENCH DRAIN CATCH BASIN: 7X5X5X7.5=1312.5  
TOTAL SPILL: 1413.75 = 1,424 GALLONS

**CALCULATIONS FOR QUANTITY OF OVERFLOW**

QUANTITY OF OVERFLOW: 1424 GALLONS

DID OVERFLOW REACH WATERWAY:

YES

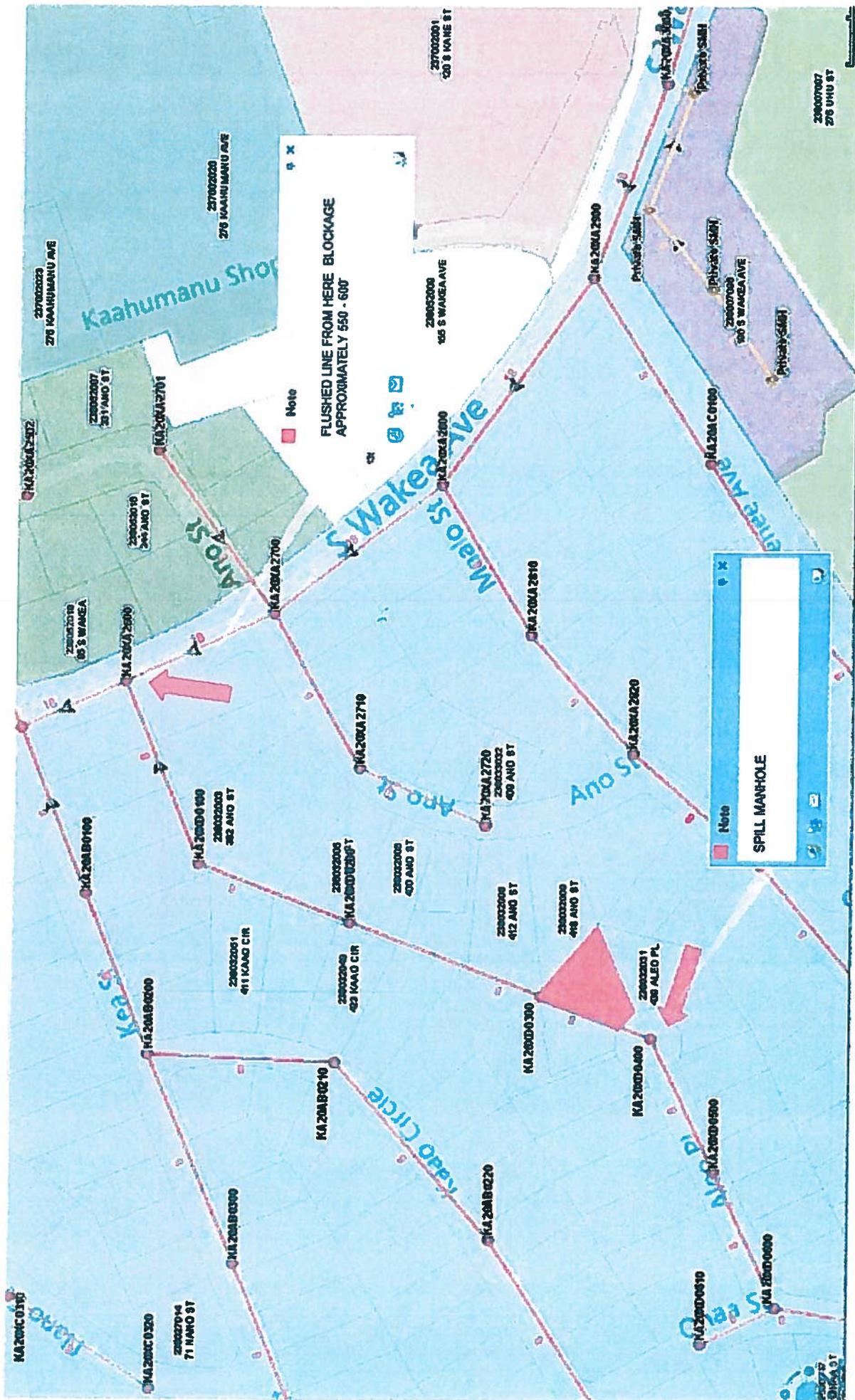
NO

QUANTITY TO WATERWAY\*: 0

CALCULATED BY: KEVIN SOUZA SMS-II

IF INTO WATERWAY\*, INDICATE VOLUME REACHING WATERWAY, WHO CALCULATED AND HOW CALCULATED  
WATERWAY\* = STREAMS, IRRIGATION OR DRAINAGE DITCHES, STORM DRAINS, PONDS, PACIFIC OCEAN, ETC.





FLUSHED LINE FROM HERE BLOCKAGE APPROXIMATELY 550 - 600

SPILL MANHOLE

Kaahumanu Shore

Wakea Ave

Kea St

Ano St

Ano St

Kea St

Kea St

270 KAAHUMANU AVE

270 KAAHUMANU AVE

27002001  
20 S WANE ST

20002000  
100 S WAKEA AVE

20000007  
270 UHU ST

KA 200A 2570

22002007  
251 ANO ST

22000010  
344 ANO ST

KA 200A 2600

20002010  
100 S WAKEA

KA 200A 2700

KA 200A 2800

KA 200A 2900

KA 200A 3000

KA 200A 2810

KA 200A 2820

KA 200A 2720

KA 200A 2710

KA 200B 0100

20002000  
382 ANO ST

KA 200D 0200

20002000  
400 ANO ST

KA 200D 0300

20002000  
412 ANO ST

KA 200D 0400

20002000  
418 ANO ST

KA 200D 0500

20002001  
400 ALEO PL

KA 200B 0200

20002001  
411 KANG CIR

KA 200D 0300

20002000  
400 ANO ST

KA 200B 0210

KA 200D 0300

KA 200D 0400

KA 200D 0500

KA 200C 0300

20002014  
71 HANO ST

KA 200B 0300

KA 200B 0220

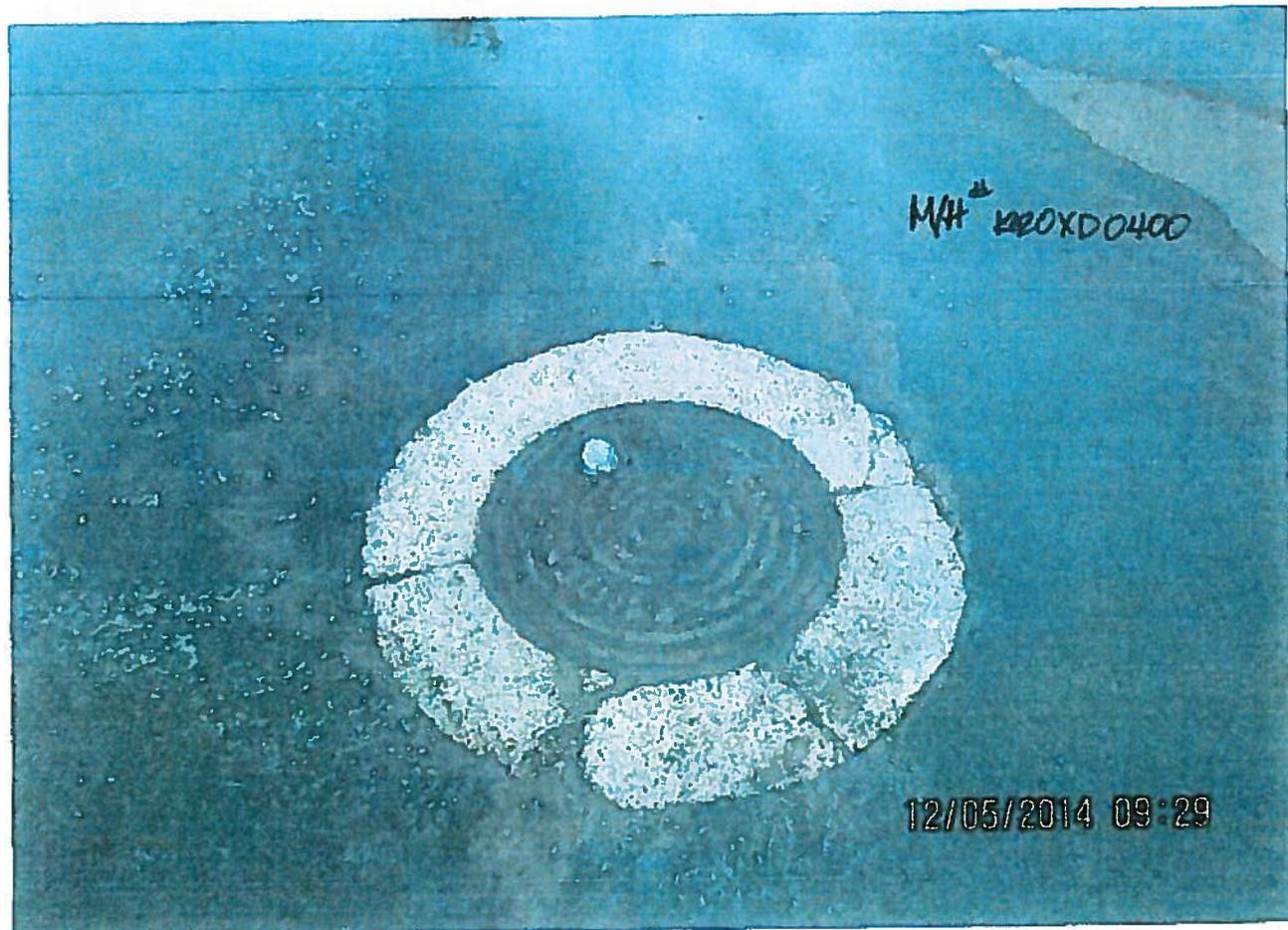
KA 200D 0510

KA 200D 0600

KA 200C 0310

KA 200A 0310







12/05/2014 09:28

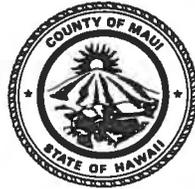


12/05/2014 09:28



201412

ALAN M. ARAKAWA  
Mayor  
KYLE K. GINOZA, P.E.  
Director  
MICHAEL M. MIYAMOTO  
Deputy Director



MICHAEL RATTE  
Solid Waste Division  
ERIC NAKAGAWA, P.E.  
Wastewater Reclamation Division

**COUNTY OF MAUI  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT**  
2050 MAIN STREET, SUITE 1C  
WAILUKU, MAUI, HAWAII 96793

COPY

December 30, 2014

Mr. Stuart Yamada, Chief  
Hawaii State Department of Health  
Environmental Health Administration  
P.O. Box 3378  
Honolulu, HI 96801

Dear Mr. Yamada:

**SUBJECT: WASTEWATER OVERFLOW - KIHEI**

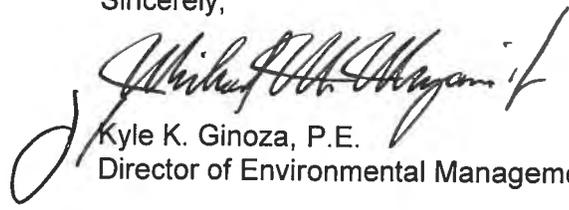
The County of Maui experienced a raw wastewater overflow of approximately 500 gallons on December 20, 2014. The overflow started at 12:00 a.m. and was stopped by 12:30 a.m.

The overflow was caused by a mechanical failure at Kihei Pump Station No. 5. The spill was caused by clogging of bypass pumping that had been set to perform maintenance and repairs to the wetwell. Wastewater flowed along South Kihei Road and entered a storm drain that discharges into the pond adjacent to St. Theresa Church. A sand berm at the west end of the pond prevented the wastewater from entering the ocean.

Your office was notified, wastewater was removed, and the area disinfected. Warning signs were posted and bacteriological analyses were performed. The attached lab report indicates that the spill was contained in the culvert and did not impact the ocean.

Should you have any questions, please feel free to call Eric Nakagawa, Wastewater Reclamation Division Chief, at 270-7417.

Sincerely,

  
Kyle K. Ginoza, P.E.  
Director of Environmental Management

cc: Roland Asakura, DOH - Maui  
Alec Wong, Clean Water Branch, DOH - Oahu

Operations Administration  
480 E Welakahao Road  
Kihei, HI 96753

Central Maintenance  
480 E Welakahao Road  
Kihei, HI 96753

Collections Systems  
58 Hana Hwy  
Kahului, HI 96732

Central Laboratory  
480 E Welakahao Road  
Kihei, HI 96753



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
WASTEWATER RECLAMATION DIVISION  
OPERATIONS & MAINTENANCE

Lahaina Wastewater Facility  
3300 Lower Honoapiilani Hwy  
Lahaina, HI 96761

Kahului Wastewater Facility  
281 Amala Place  
Kahului, HI 96732

Kihei Wastewater Facility  
480 East Welakahao Rd.  
Kihei, Hawaii 96753

Molokai Wastewater Facility  
Maunaloa Highway  
Kaunakakai, Molokai 96748

Lanai Wastewater Facility  
12<sup>th</sup> Street  
Lanai City, HI 96763

December 22, 2014

MEMO TO: ERIC NAKAGAWA, CHIEF, WASTEWATER RECLAMATION DIVISION  
VIA: STEVE PARABICOLI, WW OPERATIONS PROGRAM SUPERINTENDENT *SP*  
FROM: VIRGIL VIERNES, WWTP OPERATIONS MANAGER *[Signature]*  
SUBJECT: OVERFLOW REPORT NO. \_\_\_\_\_

**SUMMARY:**

DATE / TIME OVERFLOW STARTED : \_\_\_\_\_

IF NOT KNOWN, DATE/TIME REPORTED : 20 December 2014 0000 Hours

TIME OVERFLOW STOPPED: 0030 DURATION OF OVERFLOW: 30 minutes

LOCATION OF OVERFLOW: 1367 S. Kihei Rd.

ORIGINATION POINT: Manhole # KI11XA1000, 0900, 0800

WHERE OVERFLOW WENT: Flow went on a southerly direction along the mauka side of roadway and into the storm drain

PARTY RESPONSIBLE FOR OVERFLOW:  COUNTY  PRIVATE

CAUSE OF OVERFLOW  
Clogging of Bypass Pumping Set up at Kihei Station #5 being used by contractor to perform maintenance and repairs to wetwell.

STEPS TAKEN TO PREVENT RECURRENCE  
Contractor has set up a 24 hour pump watch during entire bypass of station to check for potential clogging issues and to remove debris and rags should there be any within bypass piping and pumps.

**LABORATORY INFORMATION**

1. SAMPLING CONDUCTED BY LAB  YES  NO

IF NO, REASON:

2. WARNING SIGNS POSTED  YES  NO

IF NO, REASON:

**CALCULATIONS FOR QUANTITY OF OVERFLOW**

CALCULATED BY: Jeff Silva POSITION: SMR II

QUANTITY OF OVERFLOW: 500 Gallons (estimate)

DID OVERFLOW REACH WATERWAY:  YES  NO

QUANTITY TO WATERWAY\*: <500 gallons

IF INTO WATERWAY\*, INDICATE VOLUME REACHING WATERWAY, WHO CALCULATED AND HOW CALCULATED  
WATERWAY\* = STREAMS, IRRIGATION OR DRAINAGE DITCHES, STORM DRAINS, PONDS, PACIFIC OCEAN, ETC.

**METHOD OF CALCULATIONS:**

LENGTH (ft) X WIDTH (ft) X DEPTH (ft) = CUBIC FEET X 7.5 gals/ ft = GALLONS

PUMP RUN TIME (minutes) X PUMPING RATE (gal/min) = GALLONS

OTHER Amount of water removed from spill site (including remaining standing water, water used to flush and disinfect area).

CALCULATIONS:

**SPILL AREA CLEAN UP**

STANDING WATER REMOVED  YES  NO

IF NO, REASON:

SPILL AREA DISINFECTED  YES  NO

IF NO, REASON:

TYPE OF DISINFECTANT  PINE OIL  HYPOCHLORITE  
 PIT-CHLOR  OTHER

RAIN EVENT:  YES  NO INTENSITY:  HEAVY  MODERATE  LIGHT

**ATTACHMENTS**

MAPS  DRAWINGS  PHOTOS

**SKETCH**

SUBMITTED BY: Virgil Viernes, WWTP Operations Manager  
SECTION: Central Operations, WWRD



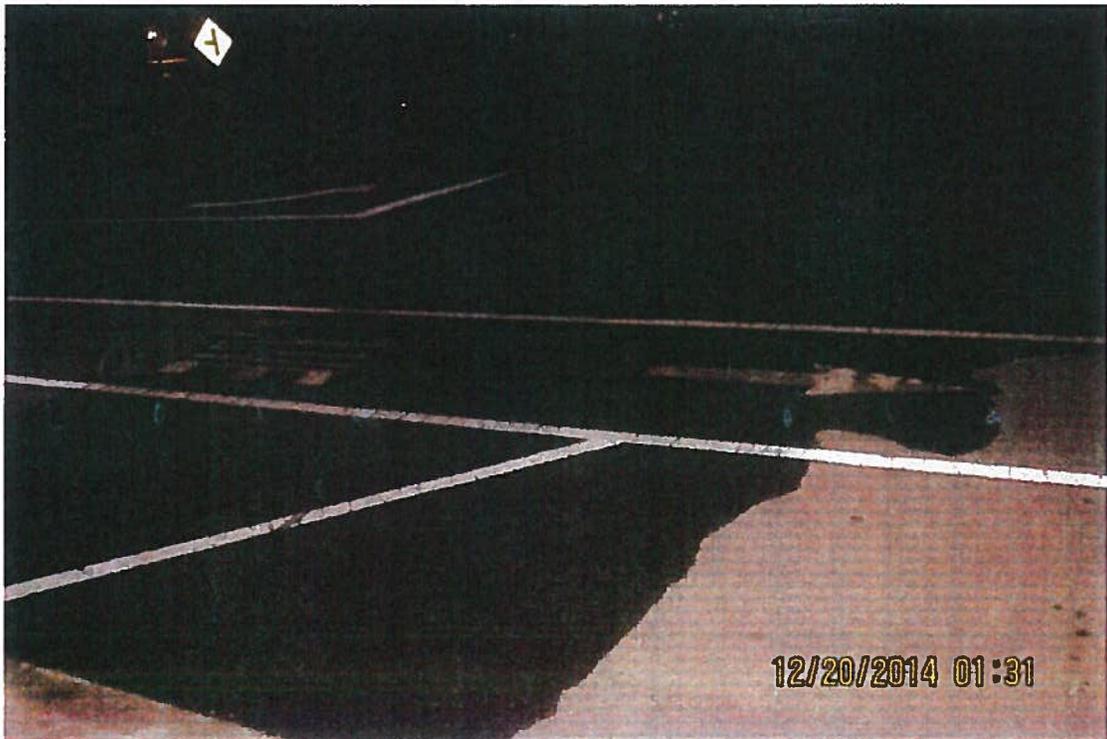
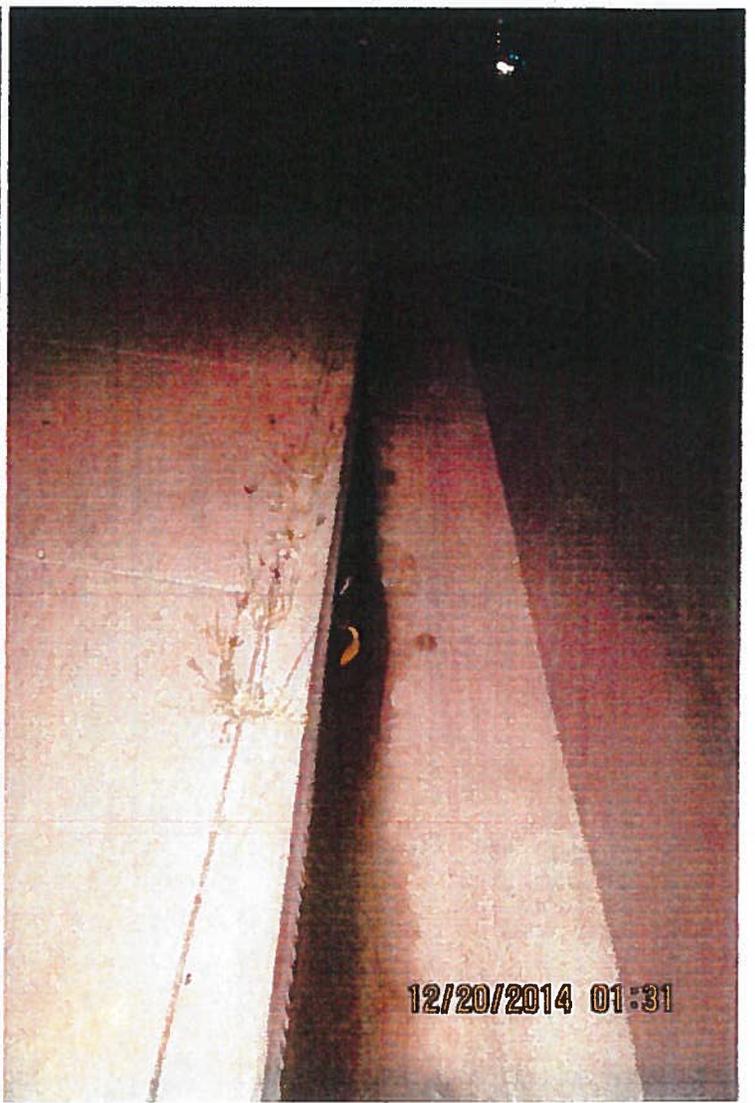
Google earth

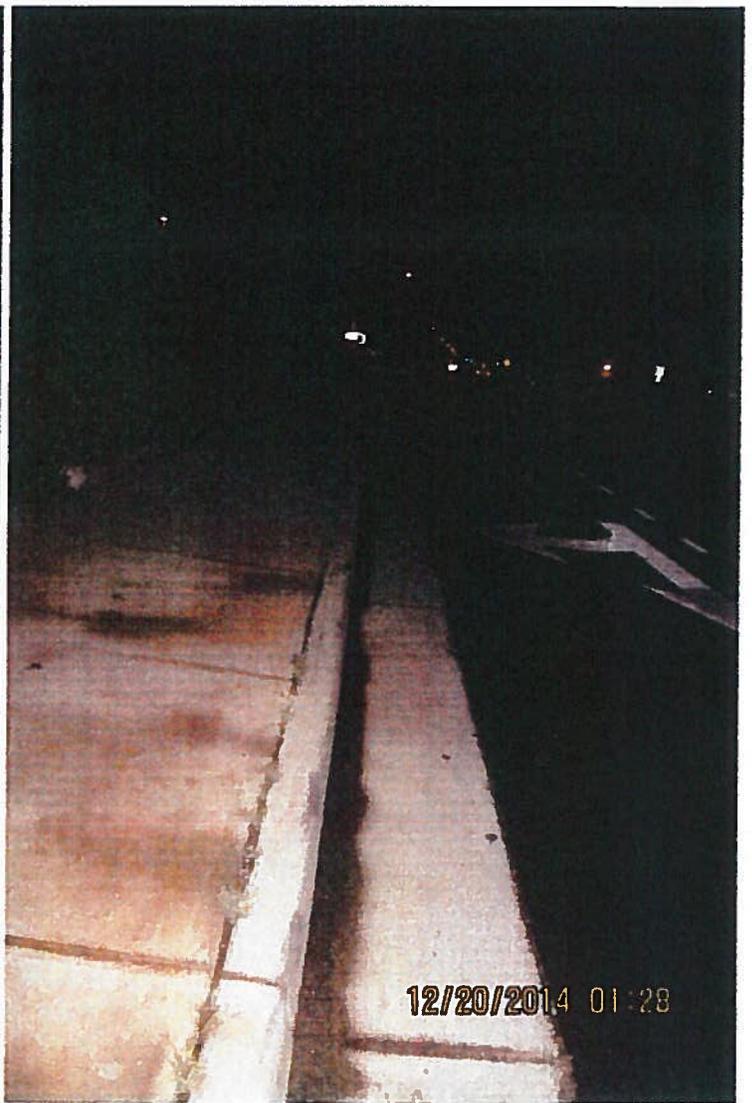
feet  
meters



70

Google







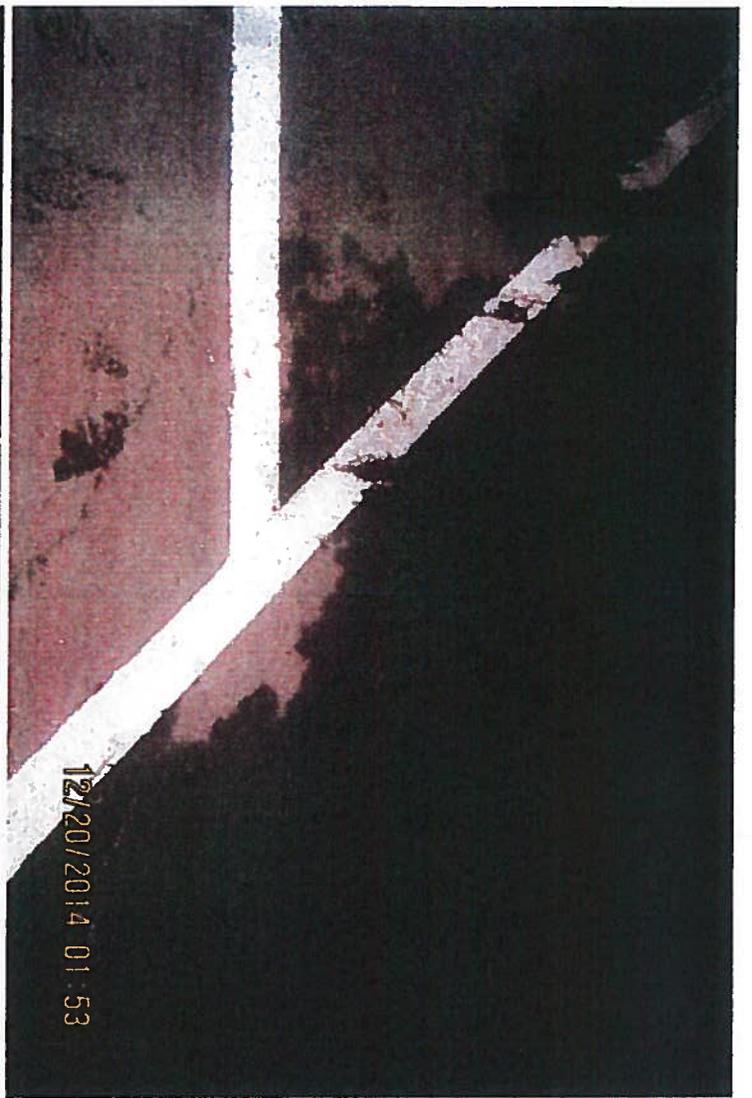
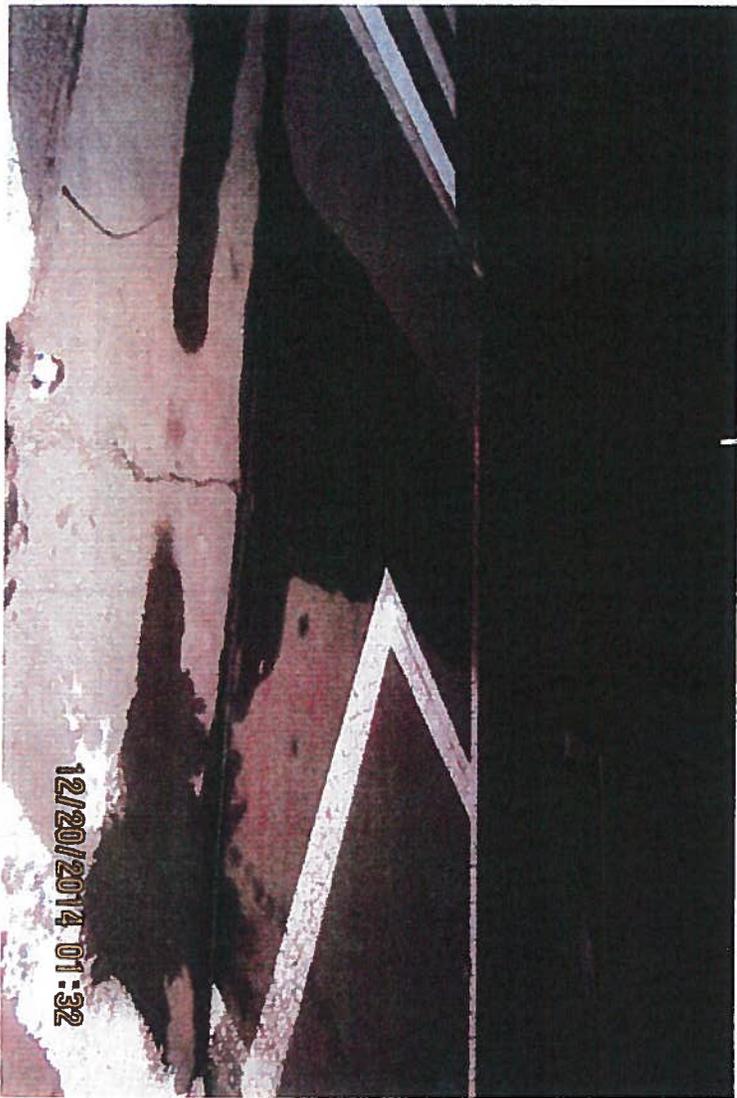
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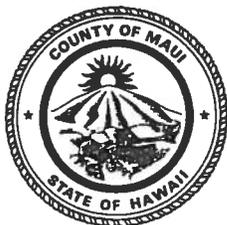


12/20/2014 01:26



12/20/2014 01:27





**County of Maui  
Public Information Office**

200 South High Street  
Wailuku, Hawai'i 96793-2155  
Phone: (808) 270-7855  
Fax: (808) 270-7870

**Rod Antone**  
*Communications Director*

**Ryan Piros**  
*Asst. Communications Director*

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PRESS RELEASE  
For Immediate Release

December 22, 2014

Contact: Eric Nakagawa, Wastewater Reclamation Division Chief  
Department of Environmental Management  
Phone (808) 270-7422

**Wastewater Overflow Occurs in Kihei**

WAILUKU, Maui, Hawaii – The County of Maui's Department of Environmental Management today reported that a wastewater overflow of approximately 500 gallons occurred on the morning of December 20, 2014 on South Kihei Road between Lipoa Street and Halekuai Street due to mechanical failure at the Kihei #5 Pump Station. The overflow started at approximately 12:00 a.m. and was stopped by 12:30 a.m.

Wastewater flowed from three manholes on South Kihei Road into a storm drain that discharges into the pond adjacent to St. Theresa Church. The sewage reached the pond; however, a sand berm at the west end of the pond prevented the sewage from entering the ocean.

The County chemist has taken water samples at the pond and at the ocean for microbiological analysis. Signs have been posted along the pond and at the beach area fronting the pond, but no beach closures have been posted.

The malfunction was corrected and the spill site at South Kihei Road was cleaned and disinfected. The State Department of Health has been notified.

###

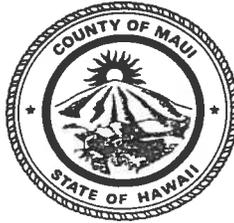
ALAN M. ARAKAWA  
Mayor

KYLE K. GINOZA, P.E.  
Director

MICHAEL M. MIYAMOTO  
Deputy Director

MICHAEL RATTE  
Solid Waste Division

ERIC NAKAGAWA, P.E.  
Wastewater Reclamation Division



2014 DEC 29 PM 2:03  
WASTEWATER RECLAMATION DIVISION  
COUNTY OF MAUI

**COUNTY OF MAUI  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT**  
2050 MAIN STREET, SUITE 1C  
WAILUKU, MAUI, HAWAII 96793

December 23, 2014

MEMO TO: ERIC NAKAGAWA, WASTEWATER RECLAMATION DIVISION CHIEF

VIA: <sup>SP</sup> STEVE PARABICOLI, WASTEWATER OPERATIONS PROGRAM SUPERINTENDENT

FROM: ROBERT RYCHLINSKI, SUPERVISING SANITARY CHEMIST 

SUBJECT: **KIHEI PS#5 OVERFLOW**

**BACKGROUND INFORMATION**

On December 20, 2014 at 0000 hours an estimated 500 gallons of raw sewage spilled from manholes #KI11XA1000, 0900, and 0800. The spill was caused by clogging of bypass pumping that had been set up at Kihei PS#5 to perform maintenance and repairs to the wetwell.

**WARNING SIGNS**

Warning signs were posted along both sides of the storm drain ditch on South Kihei Road as well as at the stream and outlet that leads into the ocean behind Saint Theresa's church. Samples were taken for microbiological analysis.

## DATA

Results from the microbiological tests performed on 12/20 through 12/23 are tabulated below.

Sample site	12/20	Enterococci MPN/100mL	Clostridium perfringens cfu	12/21	Enterococci MPN/100mL	C.perfringens cfu	12/22	Enterococci MPN/100m L	C. perfringens cfu
Ocean		648.8	0		61.6	0		613.1	1
Stream		>2419.6	tntc		>2419.6	tntc		2419.6	tntc
Culvert		866.4	tntc		124.6	106		410.6	145
MGC		104.3	tntc		209.8	130		107.6	164

Tntc = too numerous to count

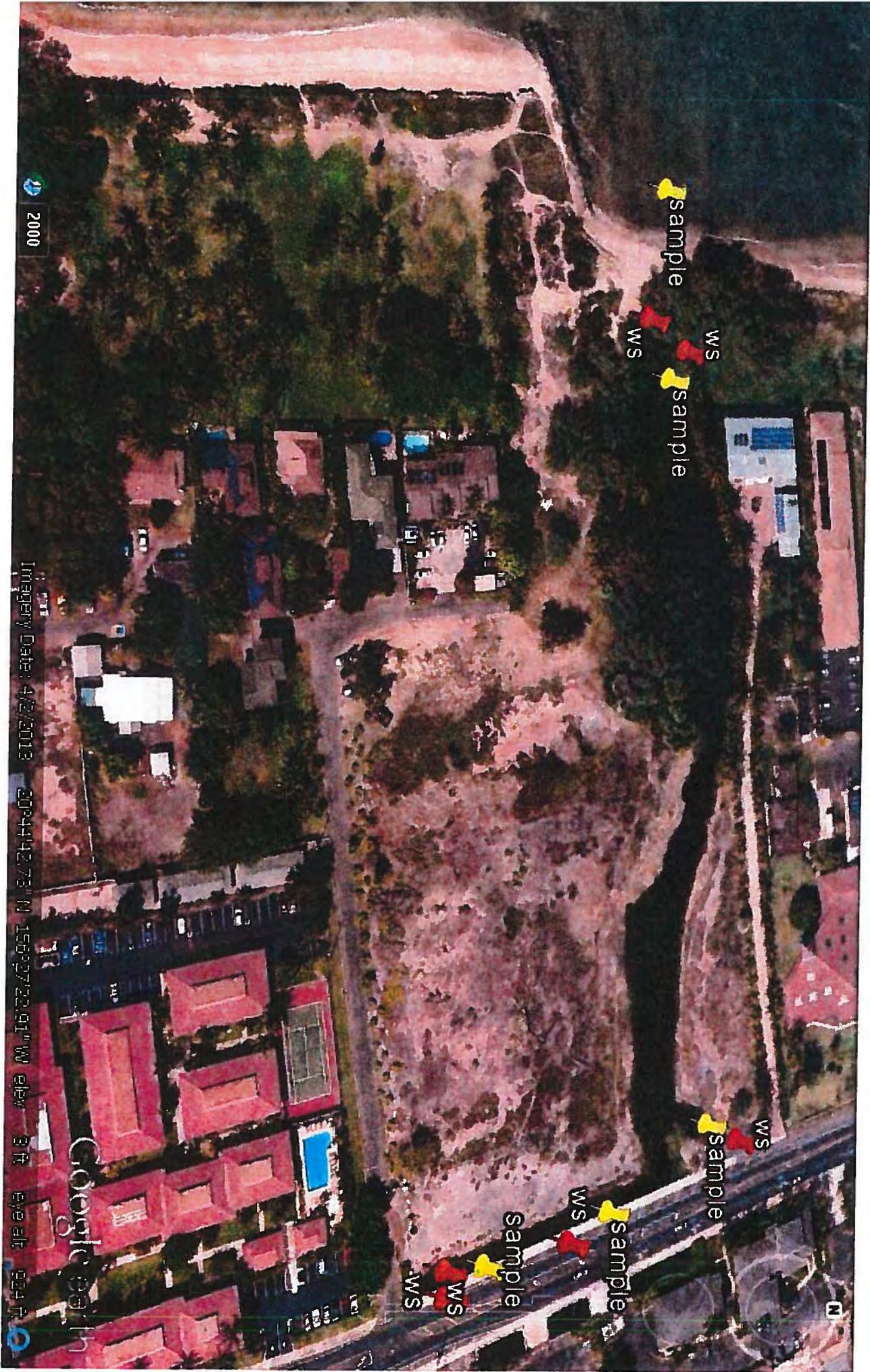
## DISCUSSION

Wastewater discharged from manholes #KI11XA1000, 0900, and 0800 entered the storm drain along S. Kihei Rd. and directly into the culvert located on the ocean side of S. Kihei Rd. There was evidence of sewage ponding and flowing directly into the culvert on the early morning of 12/20/14.

The makai side of the culvert is closed off by a large sand berm. This effectively prevented any of the contaminated water contained in the culvert from flowing into the ocean. Warning signs were posted here and samples were taken from both the ocean and the culvert.

Microbiological results from the ocean indicate that the spill was contained in the culvert and did not impact the ocean. Warning signs shall remain up until DOH gives the approval for their removal.

These microbiological test results were sent to Mr. Roland Asakura and Mr. Watson Okubo of the State of Hawaii Department of Health Clean Water Branch on 12/23/14.



2000

Imagery Date: 4/2/2013

20°44'42.73" N 156°07'22.91" W

3 ft eye alt 924 ft

Google Earth

sample

WS

WS

sample

WS

sample

WS

sample

sample

WS

WS

N



**ATTACHMENT D**

**2014 WASTEWATER OVERFLOWS SUMMARY**

**2014 DISTRICT SPILL SUMMARY**



## 2014 WASTEWATER OVERFLOWS - COUNTY OF MAUI

DATE	DISTRICT	FACILITY	TYPE	QTY (gal)	CAUSE OF OVERFLOW	OVERFLOW DESTINATION	WATERWAY?	OCEAN?
<b>4th Quarter</b>								
20-Dec-14	Kihei	Kihei PS 5	Raw Wastewater	500	Mechanical failure	Storm drain that discharges into pond adjacent to St. Theresa	Yes	No
5-Dec-14	Kahului	Collection System	Raw Wastewater	1,424	Mainline blocked with unknown	French drain Aleo Place, Kahului	No	No
18-Nov-14	Kihei	Collection System	Raw Wastewater	75	Mainline blocked with grease	Around manhole at Alena Place, Kihei	No	No
<b>3rd Quarter</b>								
8-Sep-14	Kahului	Collection System	Raw Wastewater	45	Mainline leak in air relief valve	Along Amala Road, Kahului	No	No
25-Aug-14	Lahaina	Collection System	Raw Wastewater	275	Mainline blocked with grease	Kaanapali Parkway storm drain	Yes	No
12-Aug-14	Kahului	Collection System	Raw Wastewater	218	Mainline blocked with bottle	Papa Ave & Hana Hwy intersection	No	No
7-Aug-14	Kahului	Collection System	Raw Wastewater	487	Lateral - grease	Around manhole Papa Ave & Hana Hwy	No	No
<b>2nd Quarter</b>								
28-Apr-14	Kahului	Kahului WWRF	Treated Wastewater	17,800	Broken pipe around headworks area	Valve vault inside the facility	No	No
<b>1st Quarter</b>								
20-Feb-14	Kihei	Kihei WWRF	R-1 Reclaimed Water	380,493	Fracture across R-1 wye	Parks storage yard and culvert at Piilani Hwy.	No	No
19-Feb-14	Kihei	Kihei WWRF	R-1 Reclaimed Water	11,750	Contractor broke water line	Roadside depression at Piilani Hwy.	No	No
19-Feb-14	Kahului	Collection System	Raw Wastewater	300	Sticks via pick hole in manhole cover	Roadway, Maalo Street Kahului	No	No
26-Jan-14	Kahului	Collection System	Raw Wastewater	8,080	Hole in Force Main	Hana Highway Hobron Avenue Kahului	No	No

## 2014 DISTRICT SPILL SUMMARY

Wastewater Reclamation Facility	District	Number Of Spills	Total Wastewater Processed (gal)	Spill Quantity (gal)	Percent Spilled
Kahului WWRF	Kahului	7	1,733,512,000	28,354	0.0016%
	Wailuku	0		0	
	Paia	0		0	
	Kuau	0		0	
	Spreckelsville	0		0	
Kihei WWRF	Kihei	4	1,312,921,800	392,818	0.0299%
Lahaina WWRF	Lahaina	1	1,399,662,000	275	0.0000%
Lanai WWRF	Lanai	0	120,364,000	0	0.0000%
Kaunakakai WWRF	Molokai	0	103,357,800	0	0.0000%
	<b>TOTAL</b>	12	4,669,814,600	421,447	0.0090%

Note: Overall system reliability is similar to having water or electricity shut off for 47.4 minutes over a 1 year timeframe for all spills, and only 3.3 minutes for sewage spills.

**ATTACHMENT E**

**2014  
PUMP STATION CAPACITY ASSESSMENT  
SUMMARY**



County of Maui  
Pump Station Capacity Assessment  
January 1, 2014 thru December 31, 2014

District	Pump Station	Year Constructed or Upgraded	No. of Pumps	Variable or Constant Speed	Motor size	TDH Feet	Capacity per Pump GPM	Pump Station Capacity MGD	PDWF Total Q MGD	% of Capacity PDWF	ADWF Total Q MGD	% of Capacity ADWF	Flowmeter Y/N	Method of Flow Calculation	
Wailuku/Kahului	Kuau #1	2011	2	CS	7.5	46	305	0.44			0.039	9%	Y	Field Test	
	Kuau #2	2011	2	CS	7.5	35	488	0.70			0.047	7%	Y	Field Test	
	Kuau #3	2011	2	CS	10	53	464	0.67			0.052	8%	Y	Field Test	
	Kuau #4	2010	2	CS	7.5	42	367	0.53			0.069	13%	Y	Field Test	
	Paia	1988	2	CS	50	85	750	1.08			0.229	21%	N	Calculation	
	Sprecklesville	2010	2	CS	20	47	1242	1.79			0.290	16%	Y	Field Test	
	Kaa	2012	2	CS	20	47	1242	1.79	0.413	23%	0.296	17%	Y	Field Test	
	A & B	2011	3	VS	12	32	975	2.39	1.037	43%	0.579	24%	N	Calculation	
	Kahului	2006	3	VS	60	63	2345	6.05			1.322	22%	Y	Field Test	
	Wailuku	2000	3	VS	250	110	3500	11.20			3.286	29%	Y	Field Test	
	Paukukalo	2009	2	CS	80	107	1950	2.81			0.466	17%	Y	Field Test	
	Waiehu Kou	2000	2	CS	15	59	590	0.85			0.216	25%	N	Calculation	
	Waiehu	1976	2	CS	20	88	280	0.40			0.048	12%	N	Calculation	
	Hoo Hui Ana	1997	2	CS	6.2	61	100	0.14			0.042	29%	N	Calculation	
	Kihei	Kihei 2	1977	2	CS	15	43	850	1.22			0.320	26%	N	Field Test
		Kihei 3	1994	2	VS	40	32	2014	2.90			0.971	33%	Y	Field Test
Kihei 4		1994	2	VS	40	33	3055	4.40	2.209	50%	1.536	35%	Y	Field Test	
Kihei 6		1994	4	VS	200	184	2917	11.00			4.065	37%	Y	Field Test	
Kihei 7		1994	3	VS	50	50	2570	7.40	2.567	35%	1.465	20%	Y	Field Test	
Kihei 8		1994	2	VS	60	58	2900	4.18			1.159	28%	Y	Field Test	
Kihei 9		1973	2	CS	40	85	1000	1.44	0.121	8%	0.075	5%	Y	Field Test	
Kihei 10		2014	3	VS	105	137	2025	5.83	0.999	17%	0.567	10%	Y	Field Test	
Kihei 16		1989	2	CS	25	150	200	0.29			0.022	8%	N	Calculation	
Lahaina		Kaanapali G.C.	1998	2	CS	40	70	1020	1.47			0.493	34%	Y	Field Test
	Lahaina 1	2010	3	VS	70	40	4722	12.50			2.423	19%	Y	Field Test	
	Lahaina 3	1994	4	VS	200	134	2778	11.37	1.308	12%	1.053	9%	Y	Field Test	
	Lahaina 4	2008	2	CS	18	33	1600	2.30			0.460	20%	N	Field Test	
	Lahaina 5	2006	2	CS	30	62	1200	1.73			0.429	25%	N	Calculation	
	Lahaina 6	2006	2	CS	3.7	19	670	0.96			0.400	41%	N	Calculation	
	Napili 1	1985	3	VS	100	85	3400	8.20			1.900	23%	Y	Field Test	
	Napili 2	1985	2	VS	100	58	4000	5.76			1.029	18%	N	Calculations	
	Napili 3	1985	2	VS	75	51	3650	5.26			0.432	8%	N	Calculations	
	Napili 4	1985	2	VS	125	103	3200	4.61			0.784	17%	N	Calculations	
	Napili 5	1985	2	VS	30	68	1060	1.53			0.077	5%	N	Calculations	
	Kapalua	1976	3	CS	20	50	1050	3.02			0.268	9%	Y	Field Test	
	Sheraton	1967	2	CS	6.5	12	400	0.58			0.087	15%	N	Calculation	
	Hyatt	1991	3	CS	25	68	700	2.02			0.107	5%	N	Calculation	
Molokai	Molokai	2012	3	VS	7.4	37	452	1.14			0.29	25%	Y	Field Test	



**ATTACHMENT F**

**PROPOSED FY 2016  
CAPITAL IMPROVEMENT PLAN**



WASTEWATER RECLAMATION DIVISION  
PROPOSED SIX YEAR CIP PLAN COSTS (FY-16)

**PRELIMINARY  
NOT APPROVED**

CBS No.	AT	PROJECT	YEAR						
			2016	2017	2018	2019	2020	2021	
<b>KIHEI - MAKENA</b>									
CBS-1148	1	3	EPA Consent Decree Sewer Rehabilitation - Kihei		500,000 (C) c			2,000,000 (D/C) s	
CBS-1152	1	3	Kihei No. 16 WWPS Rehabilitation and Force Main Replacement	5,500,000 (C) s					650,000 (D) c
	1	3	Kihei No. 6 Force Main Replacement						
CBS-2322	1	3	Kihei No. 7 Force Main Replacement (1978)					150,000 (D) c	
CBS-1180	1	5	S. Maui Recycled Water System Expan. (2 <sup>nd</sup> Storage Tank/Booster Sta.)		3,500,000 (C) s				
CBS-1917	1	5	Liloa Drive Recycled Water Line Extension		1,200,000 (C) s				
CBS-1164	1	4	Maui Meadows Sewer System					1,500,000 (PER/D) c	
CBS-2321	1	6	North Kihei Mauka Transmission System				200,000 (PER) c		1,500,000 (D) s
	3	3	Kihei WWRF RTU Upgrades		1,500,000 (C) c				
<b>WEST MAUI</b>									
CBS-1146	1	3	EPA Consent Decree Sewer Rehabilitation - Lahaina	1,000,000 (C) c					2,000,000 (D/C) c
CBS-1144	3	3	Lahaina WWRF Modifications, Stage IA	12,500,000 (C) s	12,500,000 (C) s				
CBS-1167	1	3	Napili No. 1 Force Main Replacement			290,000 (D) c		2,700,000 (C) s	
CBS-1168	1	3	Napili No. 2 Force Main Replacement			100,000 (D) c		1,000,000 (C) c	
CBS-1161	1	3	Napili No. 3 Force Main Replacement		200,000 (D) c		1,800,000 (C) s		
CBS-1174	1	4	Napili No. 4 Force Main Replacement		200,000 (D) c		1,800,000 (C) s		
CBS-1162	1	3	Napili No. 5 and 6 Force Main Replacements		3,200,000 (C) s				
CBS-1163	2	3	Sheraton WWPS Modifications (1967)		1,000,000 (C) b				
CBS-1165	2	3	Lahaina WWPS No. 3 Modifications	2,000,000 (C) b					
CBS-1177	2	3	Napili WWPS No. 1 Modifications				200,000 (D) c		4,000,000 (C) s
CBS-1178	2	3	Napili WWPS No. 2 Modifications				200,000 (D) c		3,000,000 (C) s
CBS-1179	2	3	Napili WWPS No. 3 Modifications			200,000 (D) c		2,500,000 (C) s	
CBS-1180	2	3	Napili WWPS No. 4 Modifications			200,000 (D) c		2,000,000 (C) s	
CBS-1181	2	3	Napili WWPS No. 5 Modifications	150,000 (D) c		1,500,000 (C) s			
CBS-1182	2	3	Napili WWPS No. 6 Modifications (Kapalua WWPS)	150,000 (D) c		1,500,000 (C) s			
CBS-1124	1	5	West Maui Recycled Water Expansion						
	1		West Maui R-1 Tank/Force Main	700,000 (D) c		8,000,000 (C) c			
	1			1,000,000 (L) c					
CBS-1952	1	5	Kaanapali Resort R-1 Water Distribution System Expansion	7,000,000 (C) s					
CBS-1954	1	5	Honokowai R-1 Distribution System Expansion		200,000 (D) c		2,000,000 (C) g		
<b>WAILUKU-KAHULUI</b>									
CBS-1131	1	3	EPA Consent Decree Sewer Rehabilitation - Central	750,000 (C) c	1,000,000 (C) c	1,000,000 (D/C) s	2,000,000 (D/C) s		2,000,000 (D/C) s
CBS-1151	1	3	Hawaiian Homes Force Main Replacement	2,800,000 (C) s					
	3	3	Wailuku-Kahului WWRF Chlorination System Upgrade		2,000,000 (D/C) b				
CBS-1158	1	4	Waiko Road Subdivision Sewer System				150,000 (D) c		2,000,000 (C) b
CBS-1169	3	5	Wailuku-Kahului WWRF R-1 Upgrade			700,000 (D) c		5,300,000 (C) g	
CBS-1171	1	5	Wailuku-Kahului Recycled Water Force Main			500,000 (D) c		6,200,000 (C) g	
CBS-2323	2	3	Wailuku WWPS Modifications				100,000 (PER) c	500,000 (D) c	
<b>PAIA-HAIKU</b>									
CBS-1183	1	3	Kuau #3 Force Main Replacement			60,000 (D) c		630,000 (C) b	
CBS-1184	1	3	Kuau #4 Force Main Replacement			60,000 (D) c		540,000 (C) b	
CBS-1955	1	3	Kuau #1 Force Main Replacement				50,000 (D) c		500,000 (C) b
CBS-1964	1	3	Kuau #2 Force Main Replacement				50,000 (D) c		500,000 (C) b
<b>COUNTYWIDE</b>									
CBS-1132	3	3	EPA Consent Decree Compliance Projects	500,000 (D/C) c					
CBS-1119	3	3	Countywide EPA Consent Decree WWRF Renovation Projects	2,000,000 (D/C) c	1,500,000 (D/C) b				
					500,000 (D/C) c				
CBS-1128	3	3	Countywide Wastewater System Modifications	1,000,000 (D/C) c					
	1	1	Countywide Soil Aquifer Treatment Study	100,000 (PER) c					
	1	5	Countywide Satellite Recycled Water Facilities	200,000 (PER) c	1,000,000 (D) c	12,500,000 (C) s	12,500,000 (C) s		
<b>MOLOKAI</b>									
CBS-1153	1	3	Kaunakakai Effluent Force Main Replacement		200,000 (D) c		1,900,000 (C) s		
			<b>TOTAL</b>	<b>\$ 37,450,000</b>	<b>\$ 31,700,000</b>	<b>\$ 30,110,000</b>	<b>\$ 26,450,000</b>	<b>\$ 28,520,000</b>	<b>\$ 19,650,000</b>

1/14/2015

LEGEND: Project Type: S - Study PER - Project Engineering Report D - Design C - Construction L - Land Acquisition F - Focus  
Funding Type: s - SRF Loan b - Bond c - Cash o - Other g - General Fund (XX) - Part of Countywide Pump Station Renovations  
1. Does it Work? 2. Is it Safe? 3. Is it Reliable? 4. Expansion of Services/Efficiency 5. Reclaimed Water Facilities 6. General Plan Growth Improvements 7. Agency Requirement