

Michael Williams
Chair



COST OF GOVERNMENT COMMISSION

COUNTY OF MAUI
2145 WELLS STREET, SUITE 303
WAILUKU, MAUI, HAWAII 96793

July 16, 2021

RECEIVED

2021 JUL 20 PM 3:37

OFFICE OF THE
COUNTY CLERK

Honorable Alice L. Lee, Chair
and Members of the Maui County Council
200 South High Street
Wailuku, Hawaii 96793

Dear Chair Lee and Members:

**SUBJECT: COST OF GOVERNMENT COMMISSION REPORT ON WILDFIRE
PREVENTION AND COST RECOVERY ON MAUI**

The Cost of Government Commission is transmitting for your review its Report on Wildfire Prevention and Cost Recovery on Maui. Following the 2019 wildfires on Maui Island, where more than 20,000 acres were burned and resources stretched thin, the Commission decided to examine the County's wildfire prevention and response practices and costs. The Commission's report reviews a number of issues — including wildfire causes, firefighting response costs, financial recovery options, and fire prevention strategies — and offers a comprehensive list of recommended strategies the County should pursue to reduce the frequency, magnitude, and threat of wildfires.

The Commission requests that its report be referred to the appropriate committee.

To further improve the Commission's effectiveness, we welcome your feedback on the report and would be happy to meet with you. Should you have any questions or comments, feel free to contact Michael Williams, Chair of the Commission, at (808) 264-4884, or Shelley Pellegrino, Technical Writer for the Commission, at costofgov@mauicounty.us or (808) 344-3348. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Williams", is written over a circular stamp or seal.

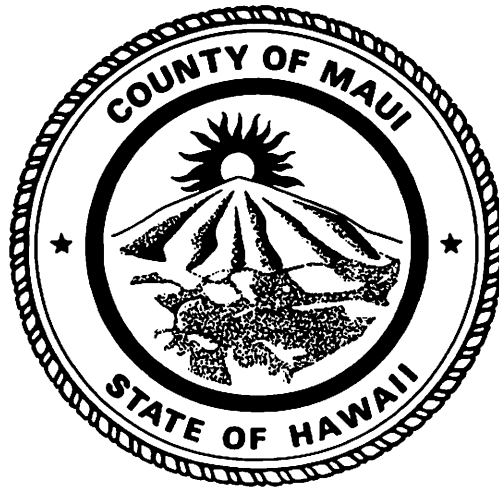
MICHAEL WILLIAMS
Chair

Attachment

cc: Keola Whittaker, Deputy Corporation Counsel

COUNTY COMMUNICATION NO. 21-379

COUNTY OF MAUI



COST OF GOVERNMENT COMMISSION

REPORT ON WILDFIRE PREVENTION AND COST RECOVERY ON MAUI

July 2021

COST OF GOVERNMENT COMMISSION COUNTY OF MAUI

Report on Wildfire Prevention and Cost Recovery on Maui

July 2021

*The Commission shall have the power and duty to:
Study and investigate the organizations and methods of operations of all departments,
commissions, boards, offices, and other instrumentality of all branches of the county government
and determine what changes, if any, may be desirable to accomplish the policy set forth herein.¹*

COMMISSIONERS²

Michael Williams, Chair
Noemi Barbadillo, Vice Chair
Paula Heiskell, Member
Lu Ann Lankford-Faborito, Member
Patrick O'Neil, Member
Susan Pu, Member
Sarah Simmons, Member

¹ Charter, County of Maui, Section 3-9.3 (2019)

² The Commission is comprised of nine members. There are currently seven members serving on the Commission, with two vacancies in the process of being filled.

COST OF GOVERNMENT COMMISSION

Report on Wildfire Prevention and Cost Recovery on Maui

I. Introduction

Following Maui's unprecedented wildfire season in 2019, where more than 20,000 acres were burned and resources seemingly stretched thin, the Cost of Government Commission decided to examine the County's wildfire prevention and response practices and costs. The Commission was interested in identifying the current and potential future costs associated with firefighting response and prevention for the County, as well as what additional policies or actions might be needed to reduce these costs and losses.¹

To meet these goals, the Commission examined the following for the Island of Maui: (1) wildfire fighting operations budgets; (2) firefighter risk and liability; and (3) future County wildfire fighting costs, including staffing and equipment needs. In addition, the Commission evaluated statutes and regulations that affect firefighting prevention and cost recovery for private and commercial property owners and estimated the impact of any costs to landowners associated with new regulations. An integral part of the investigation involved the analysis of current and recommended changes to Maui land management practices that impact frequency and magnitude of wildfires.

The investigation found that the number of incidents from a combination of wild/brush/forest fires appears to be increasing, and that this increase poses an increased threat to citizens, properties, and sacred sites. It was assumed at the start of the inquiry that an increase in fire events would subsequently increase firefighting cost overruns, response problems, and result in budgetary pressures for additional fire prevention and fire response resources. This assumption was not supported by the research. It was also assumed that new regulations would likely be needed to meet wildfire threats. This assumption was also not supported.

The investigation revealed that current budgets, combined with County and State access to Federal emergency relief funding, are adequate to meet the current fire threat, but are inadequate for an effective fire prevention and mitigation program. Additional policies and statutes that impose punitive fines, financial recovery, or additional preventative actions are not recommended. The Commission finds that punitive measures are not particularly effective, and that existing preventative and enforcement practices of the Maui County Fire Chief can be expanded to achieve needed wildfire prevention and safety measures pursuant to State law.

¹ "Proposed Parameters and Scope of Investigation into the Threat of Wildfires for Maui County, Wildfire Costs, and Responsibility of Private Landowners," prepared by Commissioners Patrick O'Neil and Paula Heiskell, for consideration at the May 14, 2020 Cost of Government Commission meeting. See Exhibit A.

II. Background

Wild/brush/forest fires present a growing threat to Maui County citizen safety and property. Island communities are particularly vulnerable because populations tend to be clustered and dependent on single highways, often located on the island edge. Any intrusion on road systems impacts transportation of goods and services and interrupts emergency vehicle response and transport. Escape routes and evacuation locations and resources for populations impacted by fire incidents are also impeded by fire incursions.

In October 2019, the 4,600-acre Mā'alaea fire threatened homes, land, and people. In addition, the rapidly spreading fire shut down State Highway 30, which connects essential services, including the hospital, airport, and County government, to residents west of Mā'alaea. In July 2019, the Waikō Road fire burned 9,000 acres and threatened Maui Electric Company's Mā'alaea Power Plant, which supplies electricity to 80% of the island. The fire also closed the Kahului Airport, closed roads accessing Kihei and Kahului and caused part of Mā'alaea to be ordered evacuated. The Hāli'imaile wildfire in July 2020 burned 4,300 acres while threatening housing in Pā'ia. It closed the Hāli'imaile Road and the Haleakalā Highway, isolating and/or restricting vehicle traffic to Upcountry residents.²

Pacific Fire Exchange reporting reveals that as Hurricane Lane approached Maui Island on August 24, 2020, a fire of unknown origin broke out in the Kaua'ula Valley. This fire area burned approximately 1,835 acres. A second fire that same day in Kā'anapali consumed 294 acres. Coupled with the Maui Fire Department's (MFD) ongoing hurricane arrival preparation, the fires seriously stressed public safety service responses. Further complicating MFD operations were strong northerly winds that grounded aircraft fire response. The fire location threatened designated hurricane evacuation shelters and required the precautionary relocation of citizens who had previously fled the hurricane threat area. The Kā'anapali fire burned 21 residential structures, 27 vehicles, and an estimated 150 acres of active farmland.³

Importantly, Hawaii's and Maui's fire problem is more extreme than on the U.S. mainland. A collaborative study issued by University of Hawai'i wildland fire researcher Clay Trauernicht and other researchers found that Hawai'i lands burned by wildfires were increasing substantially over time, but at a higher rate than on the

² "Recent Maui Fires Require Proactive Statewide Response Communities and landscapes must become more resilient on social, economic, and environmental front," *Honolulu Civil Beat* (Oct. 28, 2019), located at <https://www.civilbeat.org/2019/10/recent-maui-fires-require-proactive-statewide-response/> (accessed on May 4, 2021)

³ Pacific Fire Exchange, "2018 Wildfires in Hawai'i Annual Summary," located at <https://www.pacificfireexchange.org/research-publications/category/2018-annual-wildfire-summary-hawaii-pefkz> (accessed on May 4, 2021). See Exhibit B.

fire-prone U.S. mainland.⁴ The study, which reviewed State of Hawai'i wildfire records to examine historical trends from 1904–2011, and then evaluated contemporary wildfire occurrence from 2005–2011, found that the mean annual area burned by wild/brush/forest fires between 2005 and 2011 accounted for the destruction of 0.48% of Hawai'i's total land area.⁵ By comparison, the proportion of land area burned across the U.S. mainland totaled only 0.30%.⁶ Significantly, it was found that the 12 most fire-prone western states sustained a 0.46% loss over the same time period.⁷

In 2019, Honolulu Civil Beat discussed a review of 12,000 scientific studies by University of Hawai'i Professor Camilo Mora, who found "at least 30 different types of impacts of climate change related to fires, hitting health, food, water, infrastructure, security and the economy."⁸ As of June 22, 2021, the U.S. Drought Monitor designated all of Maui Island as either in a "moderate drought" or "severe drought," and more than two-thirds of the state has been designated as "abnormally dry."⁹ According to Professor Trauernicht, "You've got this sort of one-two punch when it comes to wildfire season in Hawaii. . . . It's not only drought. Coming out of a wet winter like we've had, you've got a lot of vegetation and particularly grasses that have done nothing but grow and grow and grow very fast. But they go from green to yellow to brown pretty quickly and that is making us way more vulnerable to these big, destructive fires."¹⁰

Figure 1 below shows the number of acres burned by wild/brush/forest fires reported on Maui Island from 2004-2020.¹¹

⁴ Clay Trauernicht et al., "The Contemporary Scale and Context of Wildfire in Hawai'i," Pacific Science, 69(4):427–444 (Oct. 2015), located at <https://doi.org/10.2984/69.4.1> (accessed on June 29, 2021).

⁵ Id., p. 432.

⁶ Id.

⁷ Id.

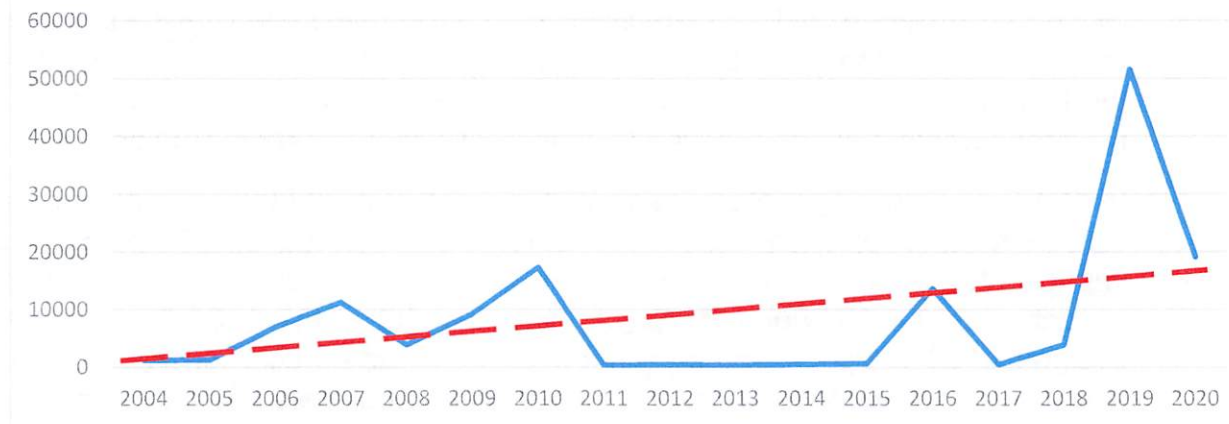
⁸ Nathan Eagle, "Hawaii Is Losing As Much Of Its Land To Wildfires As Any Other State," Honolulu Civil Beat, Aug. 26, 2019, located at <https://www.civilbeat.org/2019/08/hawaii-is-losing-as-much-of-its-land-to-wildfires-as-any-other-state/> (accessed on June 29, 2021).

⁹ U.S. Drought Monitor Map for June 21, 2021, released June 24, 2021, located at https://droughtmonitor.unl.edu/data/pdf/20210622/20210622_usdm.pdf (accessed on June 30, 2021).

¹⁰ Brittany Lyte, "Experts Forecast A Destructive Wildfire Season This Year," Honolulu Civil Beat, June 10, 2021, located at <https://www.civilbeat.org/2021/06/experts-forecast-a-destructive-wildfire-season-in-hawaii-this-year/> (accessed on June 29, 2021).

¹¹ Maui Fire Department, Statistical Report of Acres Burned Filtered by Type (2004-2020). See Exhibit C.

Figure 1: Maui County Fire Acres/Wildfire Acres Burned
2004-2020



While the amount of acreage lost from year to year varies, the data demonstrates a disturbing increasing trend shown by the red average line. The two years suffering the greatest acreage loss were 2019 and 2020. Significantly, Figure 1 reveals that while large acreage loss to wildfire does not occur every year, it forecasts that incidents of costly wild/brush/forest fires will increase in frequency and severity. Importantly, as the threat of wild/brush/forest fires increases, so does the risk to property and citizens.

III. Wildfire Causes

Most wild/brush/forest fires are caused by human actions, 75% of which are accidental and therefore preventable.¹² The Hawaii Wildfire Management Association¹³ has identified the following as ongoing fire threats to Maui Island:

- Prevalence of combustible materials
- Poor camping site management of fires
- Accidental fires caused by machinery and vehicles
- Abandoned sugar cane fields
- Poorly maintained and overgrown properties
- Grasses and combustible materials along road rights-of-way
- Low hanging, failure, or shorting of aboveground power lines
- Current fire breaks of only 25 feet on property edges
- Intentionally set fires (arson)
- MFD unfamiliarity with properties

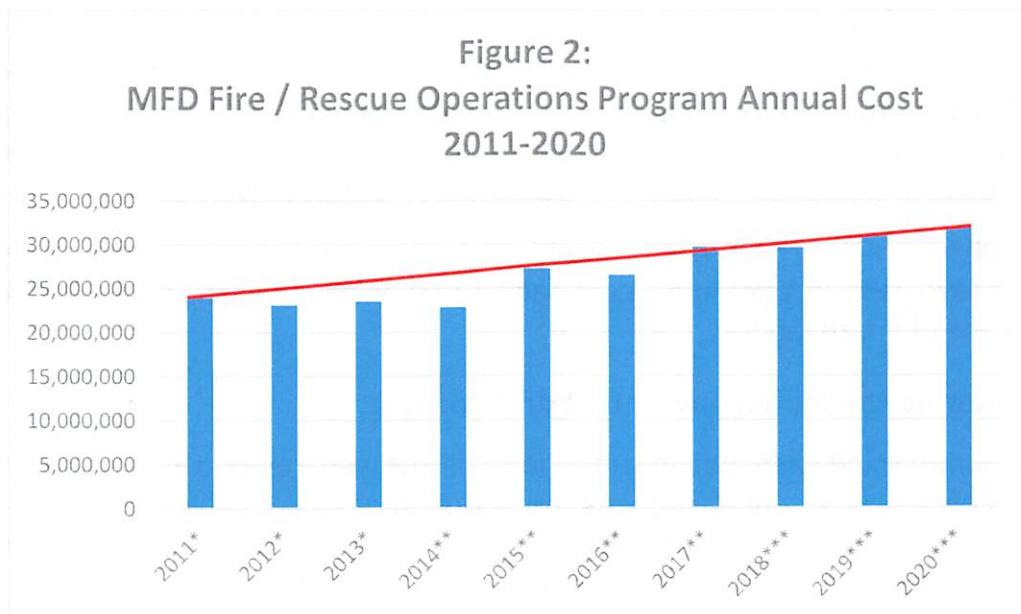
¹² See *supra* n. 3.

¹³ Hawaii Wildfire Management Association, A Collaborative Landscape-Level Approach to Reduce Wildfire Hazard Across Hawai'i: 2018-19 Vegetation Management — Rapid Mapping Assessment and Collaborative Action Planning — Maui Report, Appendix A, pp. 26–27. See Exhibit D.

IV. Wildfire Costs to Government

The actual cost to government for responding to the threats listed in the previous section is difficult to determine, as incident response costs do not appear to be individually tracked. They are simply folded in along with responses to home, business, and other fire responses and subsequently represented within the annual Fire/Rescue Operations portion of the budget. As a result, it is difficult to ascertain accurate costs of separate wildfire response expenditures.

Figure 2 shows annual Fire/Rescue budgets from Fiscal Year 2011 through 2020.



* Maui County Fiscal Year 2013 Operating Budget, p. 6-126¹⁴

** Maui County Fiscal Year 2017 Operating Budget, p. 277¹⁵

*** FY 2020 Council Adopted Budget: Fire Rescue Operations Program p. 271¹⁶

As can be seen in Figure 2, MFD's firefighting and rescue operations annual program costs have increased over the last decade from \$23,964,008 in Fiscal Year 2011, to \$31,907,087 in Fiscal Year 2020 (the last Fiscal Year with full data). Overall, this represents a 33.1% increase for the 10-year period. By comparison, if the fire/rescue

¹⁴ County of Maui, Fiscal Year 2013 Volume 1: Operating Budget Council Adopted, "Fire/Rescue Operations Program," p. 6-126, located at https://www.mauicounty.gov/DocumentCenter/View/81633/000-000-Volume-I-Combined-FY13-Adopted-Program-Budget_Optimized (accessed on May 4, 2021).

¹⁵ County of Maui, Fiscal Year 2017: Operating and Capital Budget Council Adopted, "Fire/Rescue Operations Program," p. 277, located at https://www.mauicounty.gov/DocumentCenter/View/106861/050_07_Fire-and-Public-Safety (accessed on May 4, 2021).

¹⁶ County of Maui, Fiscal Year 2020 Council Adopted Budget, "Fire/Rescue Operations Program," p. 271, located at <https://www.mauicounty.gov/DocumentCenter/View/120165/FY-2020-Council-Adopted-Budget> (accessed on May 4, 2021).

operations budget increases from FY2011 had simply kept pace with inflation (CPI calculated at 1.7% increase per year), the FY2020 budget would be approximately \$28,020,581. Thus, the fire/rescue operations budget reveals an increase of almost \$4,000,000 above inflation, to meet increasing firefighting requirements.

Again, it is important to emphasize that this represents an increase for all fire/rescue operations, not just wildfire/brush/forest fire response. Without further detail, it is not possible to determine whether the increase in wild/brush/forest fire responses has had any influence in driving the budget increases. That said, the anticipated increase of wild/brush/forest fire frequency and magnitude will certainly have some impact on operational response expenditures.

Notably, cost impact or pressure on current firefighting budgets is offset by federal grants that can be accessed if fire costs exceed budgetary levels. The availability of federal emergency funding is included in the annual MFD Operational Budget. This option reduces the County's incentive to decrease firefighting response costs because the additional expense is not borne by the County or State.

A final cost factor considered was injury compensation to firefighters. Contact with MFD revealed no overriding cost factor due to injuries sustained by firefighters because of fire response.

V. Countering the Increasing Threat of Wildfires

The Commission examined whether new policies were needed to reduce fire hazards. One policy option considered was the adoption of more punitive measures — such as the imposition of fines or paying for actual firefighting costs — for individuals found or thought to be responsible for causing wild/brush/forest fires. Another option is mandatory insurance. The Commission concluded that these are not particularly viable options, as explained further below.

A. Civil and Criminal Litigation

Civil and criminal civil litigation options against individuals who cause fires through arson or negligence already exist.

1. Civil Actions — Negligence

The Cornell Law School Legal Institute defines negligence as a failure to behave with the level of care that someone of ordinary prudence would have exercised under the same circumstances. The behavior usually consists of actions or inactions, including when there is some duty to act (e.g., a duty to help victims of one's previous conduct).¹⁷

¹⁷ Cornell Law School Legal Institute, located at <https://www.law.cornell.edu/wex/negligence> (accessed on April 22, 2021).

Primary factors to consider in ascertaining whether the person's conduct lacks reasonable care are the foreseeable likelihood that the person's conduct will result in harm, the foreseeable severity of any harm that may ensue, and the burden of precautions to eliminate or reduce the risk of harm. Negligent conduct may consist of either an act, or an omission to act when there is a duty to do so.

Four elements are required to establish a case of negligence:

- the existence of a legal duty that the defendant owed to the plaintiff;
- defendant's breach of that duty;
- plaintiff's sufferance of an injury; and
- proof the defendant's breach caused the injury (typically defined through proximate cause).

Pursuing civil actions is hampered by the difficulty involved in determining negligence and responsibility. Most fires are accidents and cause minimal damage. Seeking reparations is complicated, expensive, and dependent not only on winning the legal action, but also on the defendant's ability to pay. If reparation actions are taken only against owners with resources, then the effort may be viewed as discriminatory.

2. Criminal Actions — Arson

Arson is a crime under Hawaii law. HRS Sections 708-8251 to -8254 define four "degrees" of arson, depending on the amount of property damage caused or the threat to human life. But in all cases, damage to property alone is a criminal violation if the fire was intentionally set. Arson in the 1st, 2nd, and 3rd degrees are felonies; 4th degree arson is a misdemeanor.

Arson can also be a federal crime. Under 18 U.S.C. § 844(i), it is a federal crime to damage or destroy, "by means of fire or an explosive, any . . . property used in interstate or foreign commerce or in any activity affecting interstate or foreign commerce."

The above civil and legal requirements place a substantial burden and workload on County fire and legal personnel if damages are to be sought. As explained previously, proving negligence and/or arson is challenging. Even if responsibility can be determined, the reimbursement of firefighting costs requires the responsible party to have the capital resources to make proper reparations, a condition rarely satisfied.

B. Responsible Agencies and Personnel Required to Recoup Costs

There appears to be little history of pursuing existing options to recoup firefighting or property fire hazard removal costs in the County. For example, MFD does not directly charge for correcting land maintenance problems. While MFD conducts or directs cleanup actions, it is the Budget Office that is responsible for recouping cleanup service costs from the property owner.

Moreover, MFD and County personnel have confirmed that clearing potential fire hazards from private properties is uncommon, as is recouping service costs. The reason for the infrequent cleanup and for seldom seeking reparations for the service is not entirely clear, although the lack of personnel to conduct these actions and the difficulty in performing these functions seem to be factors.

C. Mandatory Insurance

Another option would be to require all property owners to acquire some sort of insurance. However, determining a potential cost to property owners for mandatory insurance is difficult. In addition, landowners might oppose such a measure, arguing that an insurance requirement would cause a hardship or is punitive in nature. Mandating how much insurance is to be carried is also a challenge. Wild/brush/forest fires can cause extraordinary damage and the cost of the event is likely to exceed any insurance held by owners, even if responsibility can be legally established. Coupled with increased government enforcement costs and additional economic expense for both land and business owners, additional insurance mandates would be a challenge to impose legislatively and enforce administratively. Essentially, the County government is the insurer for all, but that is a fair way to distribute the costs of wildfires unless a particularly costly fire is caused by the negligence of a large commercial operation. In that case, the County could and probably should seek to recover the cost of the fire from the entity that caused it. We expect this to be a rare situation.

D. Summary

Seeking after-the-fact financial reimbursement to offset wild/brush/forest fires losses is not an optimal strategy, and rarely will be a viable option. Damage and loss have already occurred. Even if the reimbursement offsets governmental firefighting response costs, it is unlikely that a post-fire legal action will satisfy losses to all parties impacted by fires. The desirable approach to reduce the loss and cost from wild/brush/forest fires is to prevent or at least reduce wild/brush/forest fire outbreak and damage.

VI. Prevention is the Key to Reducing Wild/Brush/Forest Fires — Legal Authority

Obviously, if fires are prevented, there is no loss. At the same time, it is impossible to eliminate fire outbreaks entirely. A realistic fire-related loss reduction plan cannot rely solely on a fire response plan, but also must include a fire prevention strategy. The first step in devising such a strategy lies in establishing the legal authority to execute the plan.

Hawaii Revised Statutes Chapter 132 (“Fire Protection”) provides the legal pathway to execute a more directed prevention-oriented strategy.¹⁸

132-6 Duties of county fire chiefs; periodic inspections; orders to remove fire hazards; appeals. (a) Each county fire chief, in person or by officers or members of the fire chief’s fire department designated by the fire chief for that purpose, shall inspect all buildings, premises, and public thoroughfares, except the interiors of private dwellings and state-owned airport facilities, for the purpose of ascertaining and causing to be corrected any conditions liable to cause fire or any violation of any law, ordinance, rule, or order relating to fire hazard or to the prevention of fires.

132-7 Duty of owner to remove fire hazard; expense; lien. If the owner or occupant, to whom the order is directed, fails to comply with the order, or with the order as modified on appeal, and within the time therein fixed, then the county fire chief may cause the buildings, structures, or premises to be repaired, torn down, demolished, materials removed, and all dangerous conditions remedied, as the case may be, at the expense of the owner or occupant, and, if the owner or occupant within thirty days thereafter fails, neglects, or refuses to pay the county fire chief the expense incurred thereby by the fire chief, the county shall have a prior lien for the expense on the real estate on which the buildings or structures were located, or on the premises involved, by the filing of a notice of lien in the bureau of conveyances or in the office of the assistant registrar of the land court, or both, as appropriate.

The above duty scope was reinforced by the Maui County Department of Fire and Safety in its Master Strategic Plan 2016-2020: “The Fire Prevention Bureau carries out requirements as stated in Hawaii Revised Statutes 132. These include fire

¹⁸ Haw. Rev. Stat. § 132-6 (Duties of county fire chiefs; periodic inspections; orders to remove fire hazards; appeals), located at https://www.capitol.hawaii.gov/hrscurrent/Vol03_Ch0121-0200D/HRS0132/HRS_0132-0006.htm, and § 132-7 (Duty of owner to remove fire hazard; expense; lien), located at https://www.capitol.hawaii.gov/hrscurrent/Vol03_Ch0121-0200D/HRS0132/HRS_0132-0007.htm (accessed on May 4, 2021).

inspections, investigations, permit plan review, and public education. The goal of the Prevention Bureau is to prevent injuries and loss attributed to fire.”¹⁹

However, in the Department’s recently released strategic plan for 2021–2025, prevention is given short shrift. There is no stated goal of fire prevention, or any metric to assess success or improvement in prevention. There is much space devoted to preventing injuries and illness in employees, and to preventing equipment failure, but nothing about what can and should be done to prevent fires.²⁰

According to University of Hawai’i wildland fire researcher and professor Clay Trauernicht, public education is one of two main methods to mitigate fire risk in Hawai’i.²¹ As previously asserted, any plan to reduce wild/brush/forest fires must incorporate both prevention and response. The Department’s new strategic plan fails to address fire prevention as a mission or goal, a significant oversight.

VII. Fire Prevention Strategies — Recommendations

Organizations such as the Hawaiian Wildfire Management Organization, the Pacific Fire Exchange, and the University of Hawai’i, as well as the County Department of Fire and Public Safety, have done an excellent job collaborating and identifying needed actions to reduce the threat of wild/brush/forest fires for island populations. In line with longstanding recommendations made by these reputable organizations, the Commission offers its recommendations to reduce wild/brush/forest fires.

The list below delineates previously identified issues and recommended actions the Maui County Fire Chief should pursue to reduce the frequency, magnitude, and threat of wild/brush/forest fires on Maui Island. While the execution of the corrective action items may not fall under the direct authority of the Fire Chief, the identification of the hazard, demand for corrective measures, and monitoring of progress does fall within the Fire Chief’s authority. Hazards should be identified by appropriate fire department authorities and then presented to the appropriate department, businesses, or owners for action.

1. Most wild/brush/forest fires are caused by human action and should be preventable.

¹⁹ Maui County Department of Fire & Public Safety, “Master Strategic Plan 2016 – 2020,” p. 12, located at <http://mauicounty.us/wp-content/uploads/2014/10/County-Communication-16-54.pdf> (accessed on June 1, 2021)..

²⁰ Maui County Department of Fire & Public Safety, “Master Strategic Plan 2021–2025,” located at <https://www.mauicounty.gov/DocumentCenter/View/101890/MFD-Master-Strategic-Plan-2021---2025?bidId=> (accessed on June 1, 2021).

²¹ The second main method identified by Mr. Trauernicht to mitigate wildfire risk is a reduction of on-ground hazards, such as overgrown nonnative grasses. See Lyte, “Experts Forecast A Destructive Wildfire Season This Year,” supra n. 10.

Action: *Expand fire prevention education programs, especially for visitors. Have videos available at airports, hotels, and through public service segments on radio and television. Expand farm and property safety presentations for landowners.*

2. Reduction of alien plant life that serves as fuel. Grasses serve as tinder and rapidly invade roadside shoulders.

Action: *Implement an aggressive plan to replace these hazardous fuel sources with native plants to reduce combustible fuel while increasing water retention.*

3. Abandoned sugarcane field growth needs to be addressed. Sugarcane plants are remarkably resilient and the lack of maintenance, combined with intrusive grasses, provide combustible, rapidly burning fuels. Periods of drought increase combustibility of grasses and sugarcane. The threat of fire breaking out in these fields will likely increase due to increasing temperatures and prolonged draught periods associated with climate change.

Action: *Work with County agriculture personnel and property owners to eliminate fire potential of these properties. Identify the hazardous locations and then collaborate with landowners to redevelop properties with native and more fire-resistant plants.*

4. Poor camping site management of fires and accidental fires caused by machinery and vehicles.

Action: *Expand safety education and inspection programs.*

5. Poorly maintained and overgrown properties are potential fire hazards. Properties without fire breaks or poorly-maintained fire breaks provide little resistance to the rapid spread of fires, particularly when fanned by prevailing Maui winds.

Action: *Conduct an aggressive and comprehensive property assessment program to identify poorly maintained and fire-prone properties and then direct necessary corrective measures.*

6. Grasses and other combustible materials along roads are a fire hazard. Motorists throwing out cigarettes and or cars parked on shoulders with hot car tail pipes provide ignition sources for roadside combustibles that can quickly spread to adjoining fields and housing areas.

Action: *Conduct routine inspections and identify road shoulders that need maintenance and task the appropriate County department with reducing the hazard. Explore partnership with the State to develop maintenance plan for State-managed roads.*

7. Aboveground power lines that fail, short, or are low hanging can cause fire ignition (sparks) that could start a wildfire, particularly in windy or stormy conditions. This condition is exacerbated by overgrown areas in the rights of way beneath the lines.

Action: *Routinely inspect power transmission lines and rights of way. Task County and the electric utility companies with corrective actions.*

8. Current firebreaks are required to be 25 feet on property edges. This distance is not adequate to prevent fire spread during nominal island winds. Firebreaks of only 25 feet are easily jumped by flying flaming debris.

Action: *Work with appropriate County department to review firebreak width.*

9. Arson is another threat. Intentionally set fires are particularly insidious. These fires can be initiated almost anywhere without warning. Some can be set simultaneously at multiple sites complicating response and containment.

Action: *While preventing arson is exceedingly difficult, a plan to reduce the impact of such events is achievable. County departments should work together to implement a land management design that incorporates fire breaks and section barriers designed to contain and slow down the spread of wild/brush/forest fires.*

10. Many properties are unfamiliar to MFD personnel. While MFD has a regular program of surveying lands to assess fire hazards, much acreage is still unmapped. Lack of knowledge impacts the ability of the MFD to rapidly respond and contain the outbreak.

Action: *Consider training MFD personnel to use the Real Property Assessment Division's pictometry of every TMK parcel in the County or other comparable database of property maps and photos from the County's IT system. When a fire breaks out, immediately download the pictograms (aerial photos) of every property involved and use the information to identify buildings, resident locations, access roads, and water sources to enhance response and containment should fire break out. Conduct regular*

inspections to ensure that maintenance and preventative measures are being taken.

The following additional recommendations are reproduced from the Hawaii Wildfire Management Organization report entitled, "Collaborative Landscape-Level Approach to Reduce Wildfire Hazard Across Hawaii: 2018-19 Vegetation Management — Rapid Mapping Assessment and Collaborative Action Planning — Maui Report."²² This report was a product of the Collaborative Action Planning Workshop, in which private companies, nonprofit organizations, landowners, and various fire research organizations identified numerous maintenance actions needed to reduce the spread of wild/brush/forest fires. The recommendations are notable and worth repeating below:

1. Include dip tanks in an integrated wildfire management plan with ongoing maintenance, particularly in remote, fire-prone areas such as Kahikinui.
2. Establish sustained funding source for establishment and maintenance of wildfire infrastructure.
3. Increase roadside maintenance particularly in areas with high fuel loads and ladder fuels such as the pine plantation outside Haleakalā National Park.
4. Create a whole-island, whole-county prevention and vegetation management plan with focus on sources of wildfire (e.g., roadsides, power lines, encampments).
5. Establish and maintain fuel breaks around communities, particularly in patch urban areas and wildland areas such as Kahului/Wailuku areas.
6. Maintain a firebreak access system particularly in remote, fire prone areas such as Kahikinui.
7. Above ground power lines are vulnerable to wildfire and can even provide the ignition (sparks) that could start a wildfire, particularly in windy or stormy conditions. There are long-term solutions for reducing power line-related wildfire hazards such as infrastructure upgrades. More immediate solutions include fuels reduction and firebreaks around power infrastructure in "hotspot" areas whichever the source of ignition.

VIII. Final Thoughts About Cost

The Commission recognizes that the above recommendations will necessitate an increase in personnel, equipment, and cost. However, the threat from island wild/brush/forest fires is forecast to increase. There are some cost-effective options.

²² Hawaii Wildfire Management Organization, supra n. 13, at pp. 8–9.

For example, much of the maintenance is seasonally related and can be performed by student employment programs and other part-time employees. Nonetheless, it is inevitable that additional personnel likely will need to be added to MFD to track program conduct and progress. While budgetary considerations are important, this is an opportunity to institute long-term steps that will eventually increase safety while helping to restore and preserve Maui Island's environment. To begin the process, the Commission recommends that a thorough risk assessment of wild/brush/forest hazards be conducted to aid in prioritizing and sequencing the implementation of this report's recommendations.

IX. Acknowledgements

The Commission expresses its appreciation to the following individuals for their assistance: Professor Clay Trauernicht, University of Hawai'i; Elizabeth Pickett, Co-Executive Director, Hawaii Wildfire Management Organization; and Battalion Fire Chief Henry "Hanale" Lindo, Jr., County of Maui Department of Fire and Public Safety. Their work and expertise not only contributed substantially to this report, but also to the continuing effort to improve the safety of Maui citizens while safeguarding the island's environment.

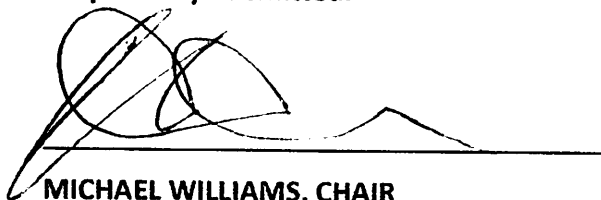
The Commission would like to thank the Victorino Administration, as well as the members of the Maui County Council, who have continued to support and consider the Commission's work.

The Commission also thanks Deputy Corporation Counsel Keola Whittaker for his guidance, advice, and assistance in ensuring that the Commission is adhering to all legal matters correctly.

The Commission would like to thank Commissioner Patrick O'Neil, whose work was central to this report. He exemplifies public service and care for our County and community.

Finally, the Commission would like to thank the Office of the County Auditor and Shelley Pellegrino, Technical Writer for the Commission, for their professionalism and support.

Respectfully Submitted:



MICHAEL WILLIAMS, CHAIR
2021 – 2022 COMMISSION TERM

7/16/21

DATE

**COST OF GOVERNMENT COMMISSION
REPORT ON WILDFIRE PREVENTION AND COST RECOVERY ON MAUI**

LIST OF EXHIBITS

- | | |
|-----------|--|
| Exhibit A | "Proposed Parameters and Scope of Investigation into the Threat of Wildfires for Maui County, Wildfire Costs, and Responsibility of Private Landowners," prepared by COGC Commissioners Patrick O'Neil and Paula Heiskell |
| Exhibit B | Pacific Fire Exchange, "2018 Wildfires in Hawai'i Annual Summary" |
| Exhibit C | Maui Fire Department, Statistical Report of Acres Burned Filtered by Type (2004-2020). |
| Exhibit D | Hawaii Wildfire Management Association, <u>A Collaborative Landscape-Level Approach to Reduce Wildfire Hazard Across Hawai'i: 2018-19 Vegetation Management — Rapid Mapping Assessment and Collaborative Action Planning — Maui Report</u> |

Exhibit A

“Proposed Parameters and Scope of Investigation into
the Threat of Wildfires for Maui County,
Wildfire Costs, and Responsibility of Private Landowners,”
prepared by COGC Commissioners Patrick O’Neil and Paula Heiskell

PROPOSED PARAMETERS AND SCOPE OF INVESTIGATION INTO THE THREAT OF WILDFIRES FOR MAUI COUNTY, WILDFIRE COSTS, AND RESPONSIBILITY OF PRIVATE LANDOWNERS

Prepared by Patrick O'Neil and Paula Heiskell for consideration at the May 14, 2020 COGC meeting

At its February 12, 2020 meeting, the COGC reaffirmed the need for investigation into the threat of wildfires for Maui County. The COGC requested that investigation scope and parameters be prepared and submitted to the next COGC meeting in March. Commissioners O'Neil and Heiskell propose the following scope of investigation.

Scope: Determine the current and potential future cost to Maui County of wildfires and what measures can be taken to reduce the risk of wildfires.

Parameters:

1. Determine the wildfire threat to Maui County by conducting an historical analysis of wildfire frequency of occurrence and the damage and costs associated with these events.
 - a. Determine threat of wildfires to citizen safety, vulnerability of housing, business buildings, economic disruption, threat to Native Hawaiian sacred lands, and threat to road and other transportation systems.
 - b. Review costs to county and fire department and state and federal reimbursement for previous wildfire response.
 - c. Project future business revenue losses due to wildfires.
2. Analyze current firefighting response capability to see if any changes are needed and cost associated with these changes.
 - a. Identify how current wildfire fighting operations are conducted and funded.
 - b. Analyze risk and liability to firefighters responding to and fighting wildfires.
 - c. Identify how the county is going to meet future wildfire fighting needs.
 - d. Review firefighting staffing, equipment needs, and assistance agreements to determine if improvements are needed.
 - i. Identify projected expenditures for firefighting and equipment costs
3. Identify best land management practices for wildfire prevention and limiting the spread of wildfires and reducing costs should a fire occur.
 - a. Analyze statutes and regulations that specify private and commercial landowner's responsibility in wildfire prevention and liability for fires occurring on their property.
 - i. Identify current land management wildfire regulations and determine if additional statutes or land management policies are needed.
 - b. Determine economic costs associated with any potential new statute or regulation to private and commercial landowners and potential for economic disruption of businesses

We expect the investigation and evaluation of these related topics will take until the spring of 2021.

Exhibit B

Pacific Fire Exchange, "2018 Wildfires in Hawai'i Annual Summary"

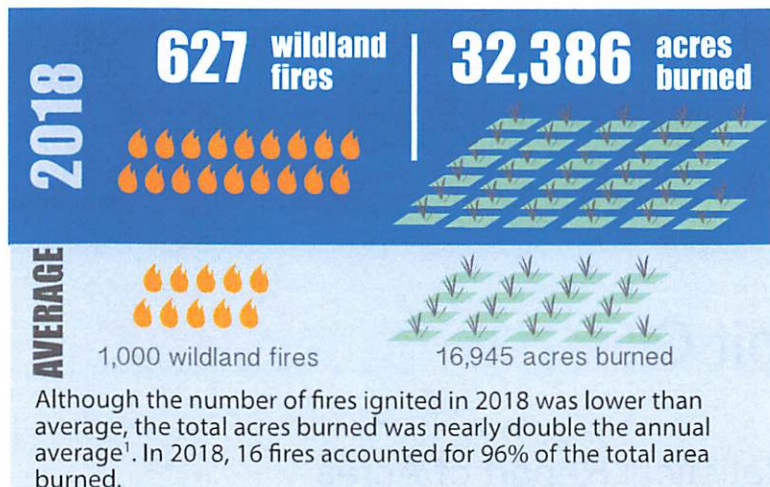
2018 Wildfires in Hawai'i | PFX Annual Summary

Every wildfire incident is part of a larger pattern and is an opportunity to gain experience and insight for wildfire management. Three main factors contribute to wildfire risk:

Vegetation - Wildfires burn plant material. The spread of non-native grasses and expansion of agriculture fallow lands have dramatically increased fire risk in Hawai'i.

Climate - Wildfire risk changes, in part, with rainfall. Large fires are most frequent during drought, but heavy rain prior to dry spells also increases risk by causing more plant (fuel) growth.

Ignitions - All wildfires are ignited by something or someone. Nearly all fires in Hawai'i are caused by people and about 75% of these are accidental, and therefore preventable.



Land Cover of Areas Burned by Largest 16 Fires (94% of total)

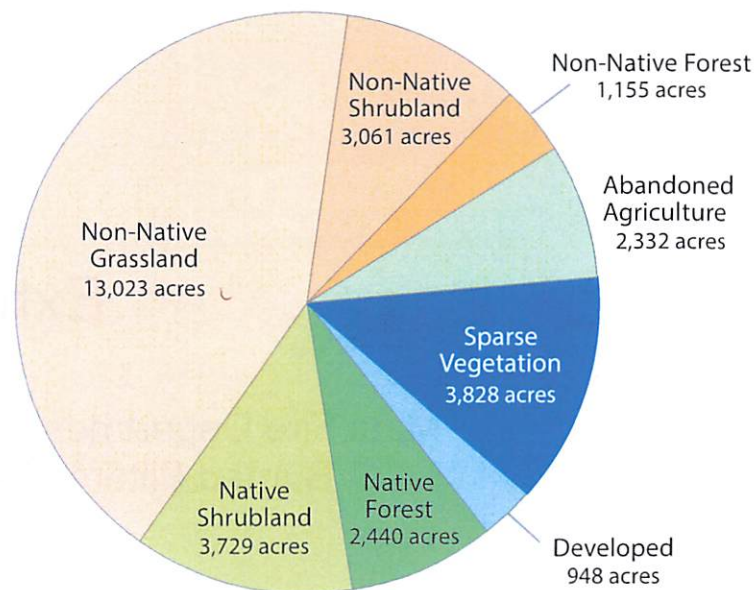


Figure 1. University of Hawaii's Wildland Fire Program used satellite images to map the vegetation types burned by the 16 largest fires of 2018.

Fires of Note The largest and most notable fires of 2018 were influenced by hurricanes that approached Hawaii in the month of August. Hurricane Hector neared Hawaii at the start of the month, drawing moisture towards itself and lowering the relative humidity (RH). Hurricane Lane followed a few weeks later. Both storms brought high winds that helped fires to spread.

Waikoloa On August 1st a fire ignited (cause undetermined) east of Waikoloa Village on Hawaii Island. The area's extensive and continuous grassy fuels in combination with strong winds spread the fire quickly, burning 15,337 acres. It was Hawaii's largest fire on record since 2005, and one of the five largest fires known in state history. The week-long suppression effort included county, state, and federal response agencies. Though no homes were threatened, the incident highlighted West Hawai'i Island's vulnerability to wildfire.

West Maui Complex As Hurricane Lane approached Maui on August 24th, an ignition (cause unknown) in the Kaunapali area grew to a 1,835-acre fire. Later that morning another fire started at Kaunapali and burned 294 acres. The approaching storm stretched public safety resources and complicated the suppression response, with strong

West Oahu Complex West O'ahu fires started on August 4th from multiple ignition points (arson suspected) in Waianae and Makaha Valleys and burned 4,444 acres. County, state, and federal agencies engaged in a multi-day suppression effort, which prevented any home loss despite the fires' close proximity to communities. Unusual fire behavior, with fire burning up and over ridges to adjacent valleys, spread fire from Makaha to Makua Kea'au Valley and burned 180 acres within the largest tract of native dry forest habitat on O'ahu.

winds grounding air support and the fire forcing evacuation of a storm shelter within hours of predicted hurricane landfall. Twenty one residential structures, 27 vehicles, and an estimated 150 acres of active farmland were burned in the complex, making these fires among the most destructive in state history.

Keauhou On August 5th, a human-caused fire just outside Hawai'i Volcanoes National Park, crossed the Park boundary, and grew to 3,502 acres over a week. The fire burned 2,154 acres of native forest and 717 acres of native shrubland. The fire came very close to, but did not reach, Kipuka Ki, a high-value restoration and endangered species area within the Park. The 2018 fire covered much of the area previously burned during fires in the 1970s.

Acknowledgements

Fire Incident Data: Thanks to Hawai'i County FD, Honolulu FD, Kauai County FD, Maui County FD, and Hawaii Division of Forestry and Wildlife. Analysis: UH Wildland Fire Program.

¹ Trauernicht, C. et al., 2015. The contemporary scale and context of wildfire in Hawai'i. *Pacific Sci.* 69:427-444.



Exhibit C

Maui Fire Department, Statistical Report of Acres
Burned Filtered by Type (2004-2020).

Acres Burned Filtered by Type	Date Range: From 1/1/2000 to 8/6/2020 - update thru 8/6/2020					
alarmdate	incidentnumber	compositeaddress	Type	Fire acres	Wildland acres	total acres
12/27/2000 1:14:00 PM	0003571	Honoapillani Hwy	142	0.00	2.00	2.00
1/4/2003 10:13:00 AM	0000065	On Pulehu RD at Hansen Road	171	5.00	0.00	5.00
1/6/2003 9:44:00 AM	0000106	Pulehu RD	142	3.00	0.00	3.00
1/12/2003 6:39:00 PM	0000180	Lahainaluna RD	141	10.00	0.00	10.00
2/10/2003 11:20:00 AM	0000559	Pillani HWY	142	0.00	0.30	0.30
3/3/2003 6:32:00 PM	0000798	Pillani HWY	142	20.00	0.00	20.00
3/6/2003 2:56:00 PM	0000828	Poolau ST	142	4.00	0.00	4.00
4/30/2003 4:48:00 PM	0001432	6300 Hana HWY	142	0.00	0.10	0.10
5/5/2003 10:10:00 AM	0001509	100 Forest Reserve RD	141	0.00	10.00	10.00
5/17/2003 9:06:00 AM	0001656	Honoapillani HWY	142	20.00	0.00	20.00
5/20/2003 4:37:00 PM	0001701	Kuihelani HWY	142	0.00	6.00	6.00
5/23/2003 2:45:00 PM	0001733	Hale Ku'ai ST	142	60.00	0.00	60.00
6/3/2003 11:00:00 AM	0001861	Honoapillani HWY	141	5.00	0.00	5.00
6/4/2003 3:23:00 AM	0001872	1 Manawai PL	142	0.00	4,000.00	4,000.00
6/8/2003 3:37:00 PM	0001931	Honoapillani HWY	140	0.00	15.00	15.00
6/10/2003 3:32:00 AM	0001952	Pillani HWY	142	0.00	0.80	0.80
6/10/2003 3:17:00 PM	0001956	1000 W Kuiaha RD	142	0.00	1.00	1.00
6/15/2003 3:47:00 AM	0002007	2 Manawai RD	142	0.00	1.00	1.00
6/16/2003 11:07:00 AM	0002031	Honoapillani HWY	142	0.00	12.00	12.00
6/19/2003 4:02:00 PM	0002077	75 Farrington AVE	142	0.00	40.00	40.00
6/21/2003 4:05:00 PM	0002103	Honoapillani HWY	141	0.00	0.10	0.10
6/23/2003 5:58:00 PM	0002127	Honoapillani HWY	142	0.00	0.10	0.10
6/25/2003 1:59:00 PM	0002156	Moomomi AVE	142	400.00	0.00	400.00
6/25/2003 4:37:00 PM	0002157	Papapa PL	142	0.00	10.00	10.00
6/25/2003 11:38:00 PM	0002161	Huaai RD	142	200.00	0.00	200.00
6/26/2003 2:12:00 PM	0002167	10500 Maunaloa HWY	142	120.00	0.00	120.00
6/26/2003 9:30:00 PM	0002179	10 Paloa LOOP	141	35.00	0.00	35.00
7/5/2003 10:21:00 AM	0002312	2575 S Kihei RD	143	0.00	0.10	0.10
7/5/2003 12:28:00 PM	0002315	2777 S Kihei RD	142	0.00	0.10	0.10
7/6/2003 11:17:00 AM	0002327	Wahikuli	142	5.00	0.00	5.00
7/6/2003 4:42:00 PM	0002336	Pillani HWY	142	300.00	0.00	300.00
7/7/2003 11:45:00 AM	0002344	Pillani HWY	142	2,500.00	0.00	2,500.00
7/8/2003 2:30:00 AM	0002352	Mehameha LOOP	171	89.00	0.00	89.00
7/16/2003 6:16:00 PM	0002447	Makena Alanui DR	142	0.00	0.10	0.10
7/17/2003 2:50:00 AM	0002455	Piliali ST	142	0.00	0.50	0.50
7/18/2003 2:38:00 PM	0002484	Honoapillani HWY	141	5.00	0.00	5.00
7/20/2003 10:45:00 AM	0002504	Waiale DR	142	5.00	0.00	5.00
7/24/2003 7:08:00 PM	0002563	2191 S Kihei RD	142	0.00	1.00	1.00
7/31/2003 1:37:00 PM	0002663	Lwr. Honoapillani RD	142	14.00	0.00	14.00
8/2/2003 4:09:00 PM	0002697	Pulehu RD	171	3.00	0.00	3.00
8/6/2003 1:54:00 PM	0002754	Haleakala HWY	170	420.00	0.00	420.00
8/7/2003 9:42:00 AM	0002770	Haleakala HWY	170	0.00	4.00	4.00

8/11/2003 4:42:00 PM	0002833	Waiale RD	142	0.00	5.00	5.00
8/11/2003 5:51:00 PM	0002834	Honoapilani HWY	142	0.00	5.00	5.00
8/16/2003 2:57:00 PM	0002896	Hui RD	142	0.00	0.10	0.10
8/18/2003 3:39:00 PM	0002937	311 Kikipua ST	142	0.00	0.10	0.10
8/19/2003 9:31:00 PM	0002956	Honoapilani HWY	142	0.00	8.00	8.00
8/27/2003 11:36:00 AM	0003061	Mokulele HWY	171	100.00	0.00	100.00
8/30/2003 8:54:00 AM	0003087	Honoapilani HWY	142	0.00	0.20	0.20
9/3/2003 2:34:00 PM	0003136	Honoapilani HWY	142	0.00	3.00	3.00
9/11/2003 5:03:00 AM	0003236	Holomua RD	170	0.00	5.00	5.00
9/16/2003 4:58:00 AM	0003288	Honoapilani HWY	142	1,000.00	0.00	1,000.00
9/17/2003 3:03:00 PM	0003307	Mokulele HWY	170	20.00	0.00	20.00
9/20/2003 5:56:00 PM	0003345	Honoapilani HWY	142	0.00	0.50	0.50
9/21/2003 5:56:00 AM	0003351	Holomua RD	171	2.00	0.00	2.00
9/28/2003 2:58:00 PM	0003445	Honoapilani HWY	140	0.00	0.10	0.10
10/4/2003 2:32:00 PM	0003524	Ohukai ST	142	40.00	0.00	40.00
10/5/2003 1:30:00 PM	0003536	Hana HWY	142	0.00	60.00	60.00
10/5/2003 5:20:00 PM	0003541	Honoapilani HWY	140	0.00	0.30	0.30
10/6/2003 6:20:00 PM	0003554	Keahua JCT	171	3.00	0.00	3.00
10/7/2003 9:37:00 AM	0003557	Baldwin AVE	142	0.00	0.10	0.10
10/8/2003 8:32:00 AM	0003566	Honoapilani HWY	142	0.00	0.10	0.10
10/12/2003 2:38:00 PM	0003630	Omaopio RD	142	1.00	0.00	1.00
10/14/2003 1:02:00 PM	0003658	Lower Kula RD	142	45.00	0.00	45.00
11/1/2003 5:48:00 PM	0003899	Kakalahale RD	142	0.00	0.20	0.20
11/8/2003 1:30:00 PM	0003980	6 Kai Ala DR	142	20.00	0.00	20.00
11/9/2003 8:56:00 PM	0003995	Makomako ST	142	1.00	0.00	1.00
11/14/2003 3:58:00 PM	0004059	Honoapilani HWY	142	20.00	0.00	20.00
11/16/2003 9:52:00 AM	0004087	Kaluakoi RD	142	35.00	0.00	35.00
11/17/2003 7:19:00 AM	0004097	Honoapilani HWY	142	0.00	0.10	0.10
12/22/2003 12:37:00 PM	0004578	Kipu RD	142	3.00	0.00	3.00
6/6/2004 1:33:00 PM	0002038	Haliimaile RD	170	70.00	0.00	70.00
6/6/2004 5:33:00 PM	0002042	N Kihei RD	142	2.00	0.00	2.00
6/20/2004 11:47:00 AM	0002221	Kuiheilani HWY	171	35.00	0.00	35.00
7/1/2004 2:36:00 PM	0002377	10 Makaiki RD	142	20.00	0.00	20.00
7/4/2004 10:56:00 PM	0002452	Haliimaile RD	171	43.00	0.00	43.00
7/6/2004 1:46:00 PM	0002500	Honoapilani HWY	142	0.00	0.10	0.10
7/6/2004 4:46:00 PM	0002504	Honoapilani HWY	142	0.00	2.00	2.00
7/7/2004 12:43:00 AM	0002513	Hana HWY	171	8.00	0.00	8.00
7/7/2004 12:50:00 AM	0002514	Hana HWY	171	15.00	0.00	15.00
7/8/2004 2:52:00 PM	0002541	Makalii ST	143	2.00	0.00	2.00
7/9/2004 1:28:00 AM	0002551	Honoapilani HWY	142	1.00	0.00	1.00
7/13/2004 11:32:00 AM	0002668	Pulehu RD	142	2.00	0.00	2.00
7/14/2004 2:53:00 AM	0002645	Pulehu RD	142	2.00	0.00	2.00
7/14/2004 2:37:00 PM	0002656	Amala PL	142	1.00	0.00	1.00
7/15/2004 11:27:00 PM	0002675	Mokulele HWY	142	8.00	0.00	8.00

VP

30

7/22/2004 11:56:00 AM	0002752	Peahi RD				
7/24/2004 10:40:00 AM	0002792	25 Moomomi Beach RD	142	10.00	0.00	10.00
7/30/2004 2:47:00 PM	0002872	Baldwin AVE	142	600.00	0.00	600.00
8/3/2004 8:09:00 AM	0002891	Piliwale RD	142	0.00	1.00	1.00
8/11/2004 4:06:00 AM	0003040	1 Kahekili Park RD	142	200.00	0.00	200.00
8/21/2004 5:43:00 PM	0003161	Holomua AVE	142	0.00	0.10	0.10
9/4/2004 4:31:00 PM	0003336	On Hana HWY at Hansen Road	171	10.00	0.00	10.00
9/6/2004 8:34:00 AM	0003361	Hana HWY	142	0.00	0.10	0.10
9/12/2004 2:17:00 PM	0003468	Liloa ST	142	2.00	0.00	2.00
9/26/2004 1:36:00 PM	0003717	Pulehu RD	142	8.00	0.00	8.00
10/3/2004 6:38:00 PM	0003839	6291 Honoapiilani HWY	142	1.00	0.00	1.00
10/8/2004 1:48:00 AM	0003915	Honoapiilani HWY	142	0.00	0.10	0.10
10/10/2004 3:42:00 PM	0003962	Maunaloa HWY	142	0.00	0.10	0.10
10/11/2004 1:51:00 AM	0003973	Pulehu RD	142	0.00	0.20	0.20
10/17/2004 12:17:00 AM	0004076	Honoapiilani HWY	171	30.00	0.00	30.00
10/17/2004 2:12:00 PM	0004082	Hana HWY	142	0.00	0.10	0.10
10/19/2004 3:10:00 PM	0004118	118 Farrington AVE	140	1.00	0.00	1.00
11/15/2004 10:03:00 PM	0004602	Honoiki ST	142	0.00	0.50	0.50
12/2/2004 4:43:00 PM	0004837	Honoapiilani HWY	142	0.00	0.10	0.10
12/2/2004 9:15:00 PM	0004844	Kai Hele Ku ST	142	90.00	0.00	90.00
12/4/2004 1:29:00 AM	0004869	816 Niheu ST	142	30.00	0.00	30.00
12/4/2004 10:57:00 PM	0004895	Honoapiilani HWY	142	3.00	0.00	3.00
12/11/2004 9:22:00 AM	0004983	Mokulele HWY	142	0.00	25.00	25.00
12/14/2004 4:55:00 AM	0005016	Honoapiilani HWY	142	1.00	0.00	1.00
1/1/2005 2:46:00 AM	0000011	Mokulele HWY	142	0.00	0.10	0.10
3/1/2005 6:01:00 PM	0001101	114 Kupunakea ST	170	5.00	0.00	5.00
3/2/2005 5:08:00 PM	0001120	S Holokai RD	142	0.00	0.10	0.10
3/3/2005 4:34:00 AM	0001137	Hana HWY	142	1.00	0.00	1.00
3/5/2005 2:49:00 AM	0001157	Holomua RD	140	0.00	0.20	0.20
3/5/2005 7:52:00 PM	0001174	Hana HWY	170	15.00	0.00	15.00
3/17/2005 4:51:00 AM	0001349	Holomua RD	142	0.00	1.00	1.00
4/4/2005 1:34:00 AM	0001657	Piilani HWY	171	17.00	0.00	17.00
4/22/2005 5:37:00 PM	0002031	402 Auhana ST	142	1.00	0.00	1.00
4/23/2005 1:01:00 AM	0002038	300 Ohukai RD	142	0.00	1.00	1.00
5/1/2005 7:02:00 PM	0002206	205 Plantation Club DR	142	0.00	2.00	2.00
5/7/2005 4:33:00 PM	0002294	On Piilani HWY at East Waipullani RD	143	0.00	0.10	0.10
5/10/2005 8:11:00 PM	0002358	Honoapiilani HWY	142	5.00	0.00	5.00
5/14/2005 3:08:00 PM	0002428	Kuiheilani HWY	143	0.00	0.30	0.30
5/21/2005 12:43:00 PM	0002547	Haleakala HWY	142	8.00	0.00	8.00
5/24/2005 4:39:00 PM	0002600	N Kihei RD	142	5.00	0.00	5.00
5/26/2005 1:06:00 PM	0002632	Hui A RD	142	0.00	1.00	1.00
5/29/2005 11:31:00 PM	0002728	Piilani HWY	142	0.00	0.10	0.10
6/1/2005 3:37:00 AM	0002778	Nihau ST	142	0.00	7.00	7.00
6/2/2005 11:47:00 AM	0002801	Honoapiilani HWY	142	1.00	0.00	1.00
			142	2.00	0.00	2.00

200
185
415
134
12

12

6/12/2005 1:51:00 AM	0002987	Honoapilani HWY	142	10.00	0.00	10.00
7/2/2005 12:58:00 PM	0003377	Hana HWY	171	3.00	0.00	3.00
7/3/2005 5:17:00 PM	0003406	Holomua RD	142	0.00	0.10	0.10
7/5/2005 5:12:00 PM	0003487	Honoapilani HWY	142	3.00	0.00	3.00
7/5/2005 5:41:00 PM	0003488	Haleakala HWY	142	0.00	0.30	0.30
7/5/2005 7:57:00 PM	0003489	Maunaloa HWY	142	8.00	0.00	8.00
7/6/2005 4:17:00 PM	0003507	Maunaloa HWY	142	200.00	0.00	200.00
7/6/2005 7:48:00 PM	0003509	Maunaloa HWY	142	30.00	0.00	30.00
7/7/2005 11:01:00 PM	0003532	10700 Kamehameha V HWY	142	0.00	0.10	0.10
7/8/2005 11:23:00 AM	0003537	Piilani HWY	142	100.00	0.00	100.00
7/12/2005 1:12:00 AM	0003602	Honoapilani HWY	142	200.00	0.00	200.00
7/12/2005 6:59:00 PM	0003610	Lahainaluna RD	141	2.00	0.00	2.00
7/14/2005 9:33:00 PM	0003667	Keawe ST	142	1.00	0.00	1.00
7/17/2005 1:00:00 AM	0003730	Kai Hele Ku DR	142	126.00	0.00	126.00
7/27/2005 9:33:00 AM	0003936	Keawe ST	142	80.00	0.00	80.00
8/1/2005 11:45:00 PM	0004078	2441 S Kihei RD	142	0.00	0.10	0.10
8/3/2005 1:39:00 PM	0004105	Makawao AVE	142	1.00	0.00	1.00
8/4/2005 8:41:00 PM	0004135	Maunaloa HWY	142	15.00	0.00	15.00
8/4/2005 8:57:00 PM	0004136	1 Kaluakoi RD	142	1.00	0.00	1.00
8/19/2005 2:43:00 AM	0004424	Honoapilani HWY	142	6.00	0.00	6.00
8/19/2005 10:31:00 PM	0004446	171 Launui ST	142	100.00	0.00	100.00
9/2/2005 4:57:00 PM	0004725	Pulehu RD	142	10.00	0.00	10.00
9/4/2005 10:25:00 AM	0004765	Piilani HWY	142	2.00	0.00	2.00
9/4/2005 7:04:00 PM	0004784	Hallimaile RD	142	1.00	0.00	1.00
9/4/2005 8:10:00 PM	0004785	Airport Loop	142	3.00	0.00	3.00
9/6/2005 10:31:00 AM	0004820	Hana HWY	142	0.00	0.10	0.10
9/8/2005 2:44:00 PM	0004864	Area near Pauwela Lighthouse	142	4.00	0.00	4.00
9/8/2005 2:55:00 PM	0004865	E Waiko RD	142	5.00	0.00	5.00
9/29/2005 10:30:00 AM	0005285	Keawe ST	142	125.00	0.00	125.00
10/13/2005 11:22:00 AM	0005531	2542 Omiko PL	142	15.00	0.00	15.00
10/16/2005 11:24:00 AM	0005589	300 Ohukai RD	142	6.00	0.00	6.00
10/18/2005 11:28:00 PM	0005627	Mokulele HWY	142	1.00	0.00	1.00
10/24/2005 11:27:00 AM	0005741	1 Molokai General Hosp RD	143	0.00	0.10	0.10
10/24/2005 11:40:00 AM	0005742	Lahainaluna RD	142	200.00	0.00	200.00
10/24/2005 12:01:00 PM	0005743	Piilani HWY	142	0.00	0.30	0.30
10/27/2005 9:37:00 AM	0005805	Kahekili HWY	142	3.00	0.00	3.00
11/3/2005 1:04:00 PM	0005952	Below Olinda reservoir	142	2.00	0.00	2.00
11/7/2005 12:17:00 PM	0006026	Uwapo RD	142	4.00	0.00	4.00
11/22/2005 11:19:00 AM	0006322	Honoapilani HWY	142	0.00	0.50	0.50
12/10/2005 2:11:00 PM	0006709	Paunau ST	142	3.00	0.00	3.00
12/18/2005 1:01:00 AM	0006879	Mokulele HWY	142	4.00	0.00	4.00
12/28/2005 2:07:00 PM	0007141	S Kihei RD	143	0.00	0.20	0.20
12/30/2005 9:34:00 AM	0007194	Hana HWY	171	3.00	0.00	3.00
12/31/2005 1:33:00 PM	0007231	Mahaolu ST	142	1.00	0.00	1.00

11/22/2005 11:19:00 AM

1/3/2006 2:20:00 PM	0000100	Piilani HWY	142	0.00	0.80	0.80
1/8/2006 8:41:00 AM	0000204	Moi ST	142	0.00	0.20	0.20
2/2/2006 2:16:00 PM	0000782	Service RD	142	0.00	0.30	0.30
2/5/2006 3:48:00 AM	0000850	Holomua RD	171	30.00	0.00	30.00
2/5/2006 2:05:00 PM	0000860	Wahikuli RD	142	300.00	0.00	300.00
2/6/2006 2:32:00 PM	0000894	Hana HWY	142	5.00	0.00	5.00
2/6/2006 5:57:00 PM	0000898	1 Oni Oni DR	142	15.00	0.00	15.00
4/8/2006 1:35:00 PM	0002314	722 Hailimaile RD	171	30.00	0.00	30.00
4/9/2006 2:21:00 PM	0002347	Kai Hele Ku RD	142	15.00	0.00	15.00
4/15/2006 11:58:00 AM	0002492	Honoapiilani HWY	142	2.00	0.00	2.00
5/10/2006 11:57:00 AM	0003016	Kaiwahine ST	142	0.00	1.00	1.00
5/10/2006 4:09:00 PM	0003021	Kaiwahine ST	142	0.00	1.00	1.00
5/12/2006 12:18:00 PM	0003054	Kilohana ST	142	30.00	0.00	30.00
5/20/2006 7:28:00 PM	0003253	Holomua RD	171	8.00	0.00	8.00
6/1/2006 12:01:00 PM	0003508	Holomua RD	171	40.00	0.00	40.00
6/3/2006 11:09:00 PM	0003588	Hahana RD	142	5.00	0.00	5.00
7/1/2006 7:32:00 PM	0004239	Naele RD	142	20.00	0.00	20.00
7/2/2006 12:55:00 AM	0004243	MP 9 Honoapiilani HWY	142	7.00	0.00	7.00
7/4/2006 12:19:00 PM	0004290	Maha'olu ST	142	5.00	0.00	5.00
7/4/2006 3:29:00 PM	0004295	Amala PL	142	2.00	0.00	2.00
7/5/2006 11:13:00 AM	0004339	MP 8 Honoapiilani HWY	142	2.00	0.00	2.00
7/13/2006 12:26:00 PM	0004528	Baldwin AVE	142	2.00	0.00	2.00
7/15/2006 12:34:00 PM	0004576	Baldwin AVE	142	1.00	0.00	1.00
7/22/2006 12:10:00 PM	0004751	Baldwin AVE	143	1.00	0.00	1.00
8/4/2006 2:13:00 AM	0005059	1 Ullili ST	142	0.00	0.50	0.50
8/11/2006 12:41:00 PM	0005230	MP 23 Kamehameha V HWY	142	5.00	0.00	5.00
8/20/2006 11:44:00 AM	0005447	MP 7 Honoapiilani HWY	142	3.00	0.00	3.00
9/1/2006 12:29:00 AM	0005724	MP 7 Honoapiilani HWY	142	4,000.00	0.00	4,000.00
9/3/2006 2:16:00 PM	0005782	MP2 Haleakala HWY	142	4.00	0.00	4.00
9/3/2006 4:42:00 PM	0005784	Holomua RD	171	10.00	0.00	10.00
9/5/2006 5:14:00 PM	0005838	Manele RD	142	0.00	70.00	70.00
9/5/2006 6:20:00 PM	0005840	Holomua RD	171	10.00	0.00	10.00
9/9/2006 11:36:00 AM	0005929	MP 10 Honoapiilani HWY	142	500.00	0.00	500.00
9/15/2006 10:23:00 AM	0006056	Hana HWY	171	5.00	0.00	5.00
9/19/2006 4:46:00 PM	0006139	Halewau PL	142	2.00	0.00	2.00
9/22/2006 1:22:00 PM	0006201	Maunaloa HWY	142	20.00	0.00	20.00
9/22/2006 2:42:00 PM	0006204	Manele RD	142	0.00	2.50	2.50
9/23/2006 10:59:00 PM	0006229	MP 25 Piilani Hwy	141	0.00	1,200.00	1,200.00
9/28/2006 9:38:00 AM	0006333	Ho'o Malu @ Kahiwa St.	142	8.00	0.00	8.00
10/7/2006 1:37:00 PM	0006514	Manele RD	142	600.00	0.00	600.00
10/11/2006 3:15:00 PM	0006622	321 Wailua RD	140	2.00	0.00	2.00
10/11/2006 4:32:00 PM	0006625	Hahana RD	142	5.00	0.00	5.00
12/20/2006 5:47:00 PM	0008258	Wahikuli RD	142	2.00	0.00	2.00
1/1/2007 2:54:00 PM	0000025	440 Ala Malama	142	0.00	0.30	0.30

450

120

459

104
C200
59

1/1/2007 5:19:00 PM	0000031	355 Kalohi ST	142	0.00	0.10	0.10
1/23/2007 1:17:00 PM	0000572	1 Waipoli RD	141	0.00	2,300.00	2,300.00
1/23/2007 3:55:00 PM	0000579	Honoapilani HWY	142	4.00	0.00	4.00
1/26/2007 12:07:00 AM	0000641	Pulehu RD	142	2.00	0.00	2.00
1/27/2007 2:20:00 PM	0000686	Mill ST	142	6.00	0.00	6.00
1/29/2007 1:55:00 PM	0000753	Pauwela RD	142	2.00	0.00	2.00
2/19/2007 11:53:00 AM	0001279	Hokiokio PL	142	1,350.00	0.00	1,350.00
2/25/2007 1:53:00 PM	0001446	Lahainaluna RD	141	5.00	0.00	5.00
2/26/2007 11:53:00 AM	0001475	Kaluakoi RD	142	0.00	80.00	80.00
2/27/2007 1:15:00 PM	0001499	1 Manele RD	142	2.00	0.00	2.00
3/6/2007 2:32:00 PM	0001718	Shaw ST	141	1.00	0.00	1.00
3/8/2007 2:03:00 PM	0001764	MP 11 Maunaloa HWY	142	75.00	0.00	75.00
3/9/2007 6:24:00 PM	0001796	MP 11 Maunaloa HWY	142	0.00	5.00	5.00
4/23/2007 11:59:00 AM	0002949	100 N Kihei RD	142	5.00	0.00	5.00
4/29/2007 1:11:00 PM	0003139	Mokulele HWY	142	1.00	0.00	1.00
4/30/2007 5:08:00 PM	0003174	MP 12 Honoapilani HWY	142	250.00	0.00	250.00
5/3/2007 4:50:00 AM	0003236	Nahale RD	142	4.00	0.00	4.00
5/3/2007 1:14:00 PM	0003245	MP 13 Maunaloa HWY	142	2.00	0.00	2.00
5/5/2007 7:02:00 PM	0003329	Kamehameha V HWY	142	0.00	10.00	10.00
5/11/2007 10:20:00 AM	0003460	Dickenson ST	142	0.00	0.10	0.10
5/27/2007 12:32:00 PM	0003910	E Waipuilani RD	142	1.00	0.00	1.00
6/2/2007 8:20:00 AM	0004072	Dikenson ST	142	0.00	1.50	1.50
6/3/2007 5:15:00 AM	0004092	Dickenson ST	142	0.00	0.10	0.10
6/4/2007 12:12:00 PM	0004136	Keonelele RD	142	1,000.00	0.00	1,000.00
6/7/2007 3:20:00 PM	0004231	1 Huaai RD	142	0.00	0.10	0.10
6/25/2007 3:09:00 PM	0004733	509 Lauloa ST	142	0.00	5.00	5.00
6/27/2007 10:34:00 AM	0004780	Honoapilani HWY	142	2,600.00	0.00	2,600.00
6/27/2007 2:28:00 PM	0004788	1 kupunakea ST	142	0.00	39.00	39.00
6/30/2007 12:39:00 PM	0004897	Kuihelani HWY	142	2.00	0.00	2.00
7/3/2007 12:28:00 PM	0004981	Shaw ST	141	0.00	30.00	30.00
7/5/2007 11:45:00 AM	0005076	On Makawao AVE at Koehana Rd.	142	0.00	0.10	0.10
7/5/2007 12:02:00 PM	0005077	10400 Mokulele HWY	142	0.00	1.00	1.00
7/6/2007 7:05:00 PM	0005129	MP 15 Honoapilani HWY	142	0.00	0.10	0.10
7/9/2007 3:18:00 PM	0005241	1290 Hallimaile RD	142	10.00	0.00	10.00
7/10/2007 3:17:00 PM	0005263	Waipoli RD	141	0.00	0.10	0.10
7/10/2007 9:43:00 PM	0005247	MP 15 Honoapilani HWY	142	1.00	0.00	1.00
7/12/2007 2:52:00 PM	0005316	Waipoli RD	141	0.00	3.00	3.00
7/12/2007 5:37:00 PM	0005327	Waihikuli RD	141	0.00	250.00	250.00
7/19/2007 6:49:00 PM	0005555	Kuihelani HWY	171	30.00	0.00	30.00
7/22/2007 9:05:00 PM	0005637	Mowatt hmstd. pasture	142	0.00	0.20	0.20
7/23/2007 7:30:00 AM	0005640	Maunaloa HWY	142	240.00	0.00	240.00
7/25/2007 9:32:00 PM	0005726	Maunaloa HWY	142	0.00	0.10	0.10
7/27/2007 1:56:00 AM	0005763	Haleakala HWY	171	1.00	0.00	1.00
7/27/2007 7:39:00 PM	0005787	Halawai DR	142	3.00	0.00	3.00

2310

135

169

1269

2671

3212

8/1/2007 8:31:00 AM	0005909	Puukolii RD	142	3.00	0.00	3.00
8/2/2007 9:42:00 AM	0005928	Ike DR	141	2.00	0.00	2.00
8/5/2007 11:13:00 AM	0006007	Awalau RD	142	2.00	0.00	2.00
8/7/2007 10:08:00 AM	0006058	On Makani RD at Apana Road	142	10.00	0.00	10.00
8/9/2007 2:16:00 PM	0006115	Mauna PL	142	9.00	0.00	9.00
8/16/2007 1:40:00 PM	0006299	Kamillioa PL	142	0.00	0.30	0.30
8/16/2007 5:23:00 PM	0006310	1 Kaunapali HWY	142	150.00	0.00	150.00
8/20/2007 3:40:00 PM	0006417	Mahaolu ST	142	4.00	0.00	4.00
8/29/2007 8:18:00 PM	0006650	Hana HWY	142	2.00	0.00	2.00
9/9/2007 5:38:00 AM	0006921	24 Puu Kapele ST	142	6.00	0.00	6.00
10/19/2007 11:16:00 AM	0007819	Honoapiilani HWY	142	50.00	0.00	50.00
10/27/2007 10:34:00 PM	0008049	Hoonani PL	142	0.00	0.10	0.10
11/17/2007 9:03:00 AM	0008587	Hahana RD	142	4.00	0.00	4.00
12/12/2007 2:41:00 AM	0009382	Holomua RD	171	5.00	0.00	5.00
12/23/2007 3:22:00 PM	0009685	Palalani PL	142	5.00	0.00	5.00
12/27/2007 9:50:00 PM	0009805	Hookele ST	142	0.00	0.10	0.10
1/1/2008 1:24:00 PM	0000029	MP 3 Kahekili Hwy	142	0.10	0.00	0.10
1/5/2008 3:52:00 PM	0000160	Onehee Ave	142	0.20	0.00	0.20
1/7/2008 11:58:00 AM	0000216	216 Kauhikoa Rd	171	1.00	0.00	1.00
1/8/2008 3:06:00 PM	0000235	Holomua Rd	142	0.10	0.00	0.10
1/8/2008 7:15:00 PM	0000248	Stable Rd	142	0.10	0.00	0.10
1/9/2008 8:45:00 PM	0000283	S Kihei Rd	143	0.10	0.00	0.10
1/10/2008 10:49:00 PM	0000313	Peahi Rd	142	0.10	0.00	0.10
1/15/2008 1:01:00 PM	0000431	Hana Hwy	142	0.10	0.00	0.10
1/16/2008 1:21:00 PM	0000460	Hahana Rd	142	6.00	0.00	6.00
1/16/2008 8:01:00 PM	0000473	On Niihau St at Laau St	143	0.10	0.00	0.10
1/18/2008 9:04:00 AM	0000504	Hana Hwy	141	1.00	0.00	1.00
1/18/2008 3:48:00 PM	0000513	Halewailu Rd	142	0.10	0.00	0.10
1/20/2008 12:55:00 PM	0000559	Pillani Hwy	142	0.30	0.00	0.30
1/26/2008 9:47:00 AM	0000713	MP 16 Honoapiilani Hwy	140	0.10	0.00	0.10
1/26/2008 2:04:00 PM	0000719	Puukolii Rd	142	0.00	0.10	0.10
2/3/2008 7:46:00 AM	0000820	Hana Hwy	141	0.10	0.00	0.10
2/7/2008 8:06:00 AM	0001020	Hana Hwy	142	0.10	0.00	0.10
2/8/2008 5:09:00 PM	0001069	MP 9 Hana Hwy	171A	0.20	0.00	0.20
2/11/2008 1:56:00 PM	0001166	Hale Kual St	142	0.10	0.00	0.10
2/15/2008 9:41:00 AM	0001266	MP 8 Honoapiilani Hwy	140	0.10	0.00	0.10
2/16/2008 6:14:00 PM	0001320	Holomua Rd	171A	1.00	0.00	1.00
2/19/2008 11:34:00 AM	0001389	Kahekili Hwy	142	0.10	0.00	0.10
2/25/2008 6:48:00 PM	0001613	Baldwin Ave	171A	1.00	0.00	1.00
2/28/2008 11:39:00 AM	0001699	Palalani Pl	142	0.10	0.00	0.10
3/8/2008 4:14:00 PM	0001958	Kalama St	143	0.10	0.00	0.10
3/9/2008 8:40:00 PM	0001993	10 Ahuwale Pl	142	0.10	0.00	0.10
3/11/2008 10:41:00 AM	0002038	MP 22 Hana Hwy	142	3.00	0.00	3.00
3/11/2008 1:12:00 PM	0002042	Kaluakoi Rd	142	0.10	0.00	0.10

253
1125

16

3/13/2008 3:05:00 PM	0002106	Walahiwi Rd	141	0.10	0.00	0.10
3/15/2008 2:17:00 AM	0002139	1530 S Kihei Rd	142	0.10	0.00	0.10
3/16/2008 3:12:00 AM	0002174	Hahana Rd	142	3.00	0.00	3.00
3/17/2008 6:00:00 AM	0002196	Holomua Rd	171A	1.00	0.00	1.00
3/18/2008 12:27:00 PM	0002233	Sunnyside Rd	142	0.30	0.00	0.30
3/18/2008 2:37:00 PM	0002237	Hana Hwy	142	0.10	0.00	0.10
3/20/2008 5:23:00 AM	0002286	Alahao Rd	141	0.10	0.00	0.10
3/20/2008 9:55:00 PM	0002306	150 Kee Rd	142	0.10	0.00	0.10
3/23/2008 1:46:00 AM	0002377	MP 35 Honoapiilani Hwy	141	0.10	0.00	0.10
3/27/2008 6:24:00 PM	0002499	MP 37 Honoapiilani Hwy	142	0.10	0.00	0.10
3/28/2008 11:56:00 PM	0002535	Baldwin Ave	171A	10.00	0.00	10.00
3/29/2008 9:33:00 AM	0002544	Moomomi Ave	142	350.00	0.00	350.00
3/29/2008 4:47:00 PM	0002558	MP 10 Hana Hwy	142	1.00	0.00	1.00
3/30/2008 12:44:00 AM	0002573	Baldwin Ave	171A	0.20	0.00	0.20
3/30/2008 1:01:00 AM	0002574	MP 34 Honoapiilani Hwy	142	0.10	0.00	0.10
3/30/2008 4:33:00 AM	0002577	Namauu Pl	142	0.10	0.00	0.10
4/1/2008 11:28:00 AM	0002623	262 Illo Rd	142	0.10	0.00	0.10
4/1/2008 10:37:00 PM	0002641	Honoapiilani Hwy	143	0.10	0.00	0.10
4/3/2008 3:09:00 AM	0002672	MP 22 Honoapiilani Hwy	142	0.10	0.00	0.10
4/4/2008 10:21:00 AM	0002708	Kamehameha V Hwy	141	5.00	0.00	5.00
4/4/2008 9:18:00 PM	0002721	MP-7 Honoapiilani Hwy	142	0.10	0.00	0.10
4/5/2008 4:01:00 PM	0002738	Waiinu Rd	142	0.10	0.00	0.10
4/8/2008 11:15:00 PM	0002826	Hana Hwy	171A	0.50	0.00	0.50
4/13/2008 1:59:00 PM	0002946	Haleakala Hwy	171A	2.00	0.00	2.00
4/20/2008 11:46:00 AM	0003104	MP 35 Honoapiilani Hwy	142	0.10	0.00	0.10
4/22/2008 8:24:00 AM	0003160	Puunene Ave	140	0.10	0.00	0.10
4/23/2008 8:08:00 PM	0003209	Ulalena Loop	143	0.10	0.00	0.10
4/24/2008 2:57:00 AM	0003214	MP-5 Honoapiilani Hwy	142	20.00	0.00	20.00
4/24/2008 2:31:00 PM	0003223	1 Awalua Ave	142	0.00	1.00	1.00
4/26/2008 4:23:00 AM	0003267	On Piihola Rd at Hotel Lane	142	0.10	0.00	0.10
4/28/2008 10:44:00 AM	0003339	Honoapiilani Hwy	142	0.10	0.00	0.10
4/29/2008 11:02:00 AM	0003360	Hailimaile Rd	171A	10.00	0.00	10.00
4/29/2008 3:28:00 PM	0003366	Hana Hwy	142	0.10	0.00	0.10
5/1/2008 3:16:00 AM	0003405	Honoapiilani Hwy	142	0.10	0.00	0.10
5/5/2008 10:35:00 AM	0003512	On Firebreak Rd at Quarry Rd	171A	1.00	0.00	1.00
5/6/2008 12:03:00 PM	0003539	MP 13 Maunaloa Hwy	142	25.00	0.00	25.00
5/6/2008 12:27:00 PM	0003541	Hana Hwy	142	0.10	0.00	0.10
5/7/2008 1:12:00 PM	0003565	Pulehu Rd	142	0.10	0.00	0.10
5/7/2008 2:24:00 PM	0003570	Honowai St	143	0.10	0.00	0.10
5/8/2008 2:35:00 PM	0003591	Lunaillo St	142	0.10	0.00	0.10
5/8/2008 2:58:00 PM	0003593	MP 29.5 Honoapiilani Hwy	142	50.00	0.00	50.00
5/8/2008 5:18:00 PM	0003601	Pulehu Rd	171A	0.10	0.00	0.10
5/9/2008 7:33:00 AM	0003615	Hana Hwy	142	0.00	0.10	0.10
5/10/2008 7:34:00 PM	0003657	Stable Rd	141	0.10	0.00	0.10

5/10/2008 8:25:00 PM	0003658	MP 39 Honoapilani Hwy	142	0.10	0.00	0.10
5/11/2008 12:56:00 PM	0003669	Kala Rd	171A	25.00	0.00	25.00
5/15/2008 2:09:00 PM	0003768	26 Puukapele Ave	142	50.00	0.00	50.00
5/16/2008 6:20:00 PM	0003805	233 Hoalike St	143	0.00	0.10	0.10
5/16/2008 7:32:00 PM	0003809	Hahana Rd	142	5.00	0.00	5.00
5/17/2008 3:50:00 PM	0003830	Mokulele Hwy	143	0.10	0.00	0.10
5/17/2008 8:48:00 PM	0003843	Baldwin Ave	171A	0.10	0.00	0.10
5/18/2008 10:15:00 AM	0003853	Kahului Beach Rd	140	0.10	0.00	0.10
5/18/2008 1:24:00 PM	0003857	Old Haleakala Hwy	142	2.00	0.00	2.00
5/18/2008 2:53:00 PM	0003860	447 Palani Pl	142	0.10	0.00	0.10
5/19/2008 4:35:00 PM	0003884	575 S Kihei Rd	142	0.10	0.00	0.10
5/20/2008 5:12:00 AM	0003899	On Baldwin Ave at Halimalle Rd	142	0.50	0.00	0.50
5/21/2008 3:55:00 AM	0003928	785 Peahi Rd	142	0.20	0.00	0.20
5/21/2008 6:30:00 AM	0003929	Waipuilani Park	140	0.10	0.00	0.10
5/22/2008 4:06:00 PM	0003962	870 Halimalle Rd	142	0.10	0.00	0.10
5/24/2008 2:20:00 PM	0004014	65 Hana Hwy	142	0.10	0.00	0.10
5/24/2008 2:58:00 PM	0004015	Hana Hwy	143	0.10	0.00	0.10
5/26/2008 11:50:00 AM	0004067	Home Olu Pl	142	0.10	0.00	0.10
5/28/2008 9:36:00 PM	0004123	Mokulele Hwy	142	0.50	0.00	0.50
5/29/2008 4:01:00 PM	0004135	454 Kaupakalua Rd	142	0.10	0.00	0.10
5/30/2008 1:36:00 PM	0004154	MP36 Honoapilani Hwy	142	0.20	0.00	0.20
6/1/2008 4:16:00 AM	0004193	MP 35 Honoapilani Hwy	142	0.10	0.00	0.10
6/2/2008 6:45:00 PM	0004243	Mokulele Hwy	142	1.00	0.00	1.00
6/3/2008 1:51:00 PM	0004250	89 Nahele Rd	142	0.10	0.00	0.10
6/3/2008 7:28:00 PM	0004255	Kahakili Hwy	143	0.10	0.00	0.10
6/4/2008 12:42:00 AM	0004262	MP8 Hana Hwy	142	0.50	0.00	0.50
6/5/2008 12:03:00 PM	0004294	MP10 Hana Hwy	143	0.50	0.00	0.50
6/6/2008 9:03:00 AM	0004301	797 Aoku Pl	142	0.10	0.00	0.10
6/6/2008 9:29:00 AM	0004307	005 Kaluakoi Rd	142	80.00	0.00	80.00
6/6/2008 11:10:00 PM	0004331	Baldwin Ave	171A	1.00	0.00	1.00
6/8/2008 3:48:00 AM	0004356	1825 Haiku Rd	142	0.10	0.00	0.10
6/8/2008 7:07:00 AM	0004360	1825 Haiku Rd	142	0.10	0.00	0.10
6/8/2008 8:40:00 AM	0004361	005 Kaluakoi Rd	142	0.10	0.00	0.10
6/8/2008 3:05:00 PM	0004372	On Makawao Ave at Kokomo Rd	143	0.10	0.00	0.10
6/8/2008 3:27:00 PM	0004373	Hulimoku Pl	142	2.00	0.00	2.00
6/8/2008 6:47:00 PM	0004381	Baldwin Ave	171A	3.00	0.00	3.00
6/8/2008 6:57:00 PM	0004382	N Kihei Rd	142	0.10	0.00	0.10
6/9/2008 12:32:00 AM	0004387	Baldwin Ave	142	0.50	0.00	0.50
6/9/2008 5:07:00 PM	0004403	MP 19 Kamehameha V Hwy	142	0.30	0.00	0.30
6/9/2008 7:21:00 PM	0004405	Shaw St	141	0.10	0.00	0.10
6/10/2008 1:37:00 PM	0004430	MP 11 Honoapilani Hwy	143	0.10	0.00	0.10
6/16/2008 11:54:00 AM	0004595	MP15 Kahakili Hwy	143	0.10	0.00	0.10
6/16/2008 2:02:00 PM	0004598	Kanaloa Ave	140	0.10	0.00	0.10
6/16/2008 7:56:00 PM	0004610	1481 Kekaulike Ave	142	0.10	0.00	0.10

168

8

6/17/2008 12:30:00 PM	0004618	2500 Kekaulike Hwy	142	0.30	0.00	0.30
6/17/2008 7:40:00 PM	0004641	MP 36.5 Honoapiilani Hwy	142	0.00	0.50	0.50
6/18/2008 7:52:00 AM	0004653	504 Baldwin Ave	142	0.10	0.00	0.10
6/18/2008 5:06:00 PM	0004667	MP 36 Honoapiilani Hwy	142	0.00	0.70	0.70
6/19/2008 7:50:00 AM	0004681	MP3 Baldwin Ave	142	0.20	0.00	0.20
6/19/2008 10:06:00 AM	0004683	Holomua Rd	171A	1.00	0.00	1.00
6/19/2008 5:31:00 PM	0004693	MP5 Baldwin Ave	171A	1.00	0.00	1.00
6/19/2008 8:45:00 PM	0004705	MP3 Baldwin Ave	142	0.10	0.00	0.10
6/20/2008 10:47:00 PM	0004728	3297 Iolani St	143	0.10	0.00	0.10
6/21/2008 4:51:00 PM	0004738	497 Baldwin Ave	142	0.10	0.00	0.10
6/21/2008 11:37:00 PM	0004755	On Haleakala Hwy at Makani Rd	142	0.10	0.00	0.10
6/23/2008 12:13:00 PM	0004790	Haleakala Hwy	142	0.10	0.00	0.10
6/23/2008 4:00:00 PM	0004796	MP12 Hana Hwy	142	5.00	0.00	5.00
6/24/2008 10:23:00 AM	0004814	Baldwin Ave	142	0.10	0.00	0.10
6/25/2008 5:11:00 PM	0004849	MP 8 Honoapiilani Hwy	142	0.10	0.00	0.10
6/27/2008 2:24:00 PM	0004889	Kokomo Rd	140	0.10	0.00	0.10
6/29/2008 5:35:00 PM	0004927	30 Akahai Pl	142	0.10	0.00	0.10
7/3/2008 1:01:00 PM	0005046	Pukalani St	173	0.00	0.10	0.10
7/3/2008 1:37:00 PM	0005047	Pulehu Rd	142	0.10	0.00	0.10
7/3/2008 1:42:00 PM	0005048	Pulehu Rd	143	0.10	0.00	0.10
7/3/2008 2:57:00 PM	0005052	Pulehu Rd	143	0.10	0.00	0.10
7/4/2008 1:27:00 AM	0005069	Honoapiilani Hwy	142	0.10	0.00	0.10
7/4/2008 10:41:00 AM	0005076	2945 Iolani St	143	0.10	0.00	0.10
7/4/2008 12:04:00 PM	0005081	Waiale Rd	142	0.10	0.00	0.10
7/4/2008 3:29:00 PM	0005089	2674 Iilani Way	142	0.10	0.00	0.10
7/4/2008 4:01:00 PM	0005092	381 Waiale Rd	142	0.10	0.00	0.10
7/4/2008 5:02:00 PM	0005094	7 Huluhulu St	142	0.10	0.00	0.10
7/4/2008 9:38:00 PM	0005106	On Hana Hwy at Puu Koa Pl	142	0.10	0.00	0.10
7/5/2008 9:48:00 AM	0005127	148 Keleawe St	143	0.10	0.00	0.10
7/5/2008 10:39:00 AM	0005129	1025 Kokomo Rd	142	0.20	0.00	0.20
7/5/2008 12:21:00 PM	0005130	Waiko Rd	143	0.10	0.00	0.10
7/5/2008 6:18:00 PM	0005140	551 Haawina St	142	0.10	0.00	0.10
7/6/2008 6:36:00 PM	0005164	Uwapo Rd	142	0.50	0.00	0.50
7/7/2008 2:06:00 AM	0005174	175 Awalau Rd	142	0.10	0.00	0.10
7/7/2008 12:28:00 PM	0005185	MP 11 Maunaloa Hwy	143	0.10	0.00	0.10
7/7/2008 5:55:00 PM	0005190	Waiko Rd	142	0.10	0.00	0.10
7/8/2008 2:14:00 PM	0005211	Piihaha Rd	142	0.10	0.00	0.10
7/8/2008 2:53:00 PM	0005213	MP 30 Honoapiilani Hwy	142	0.10	0.00	0.10
7/8/2008 9:42:00 PM	0005218	On Holomua Rd at Field 118 Rd	142	0.10	0.00	0.10
7/9/2008 1:45:00 PM	0005228	97 Mokupapa St	143	0.50	0.00	0.50
7/9/2008 4:31:00 PM	0005231	Pulehu Rd	142	0.10	0.00	0.10
7/11/2008 2:31:00 PM	0005274	Kahekili Hwy	142	1.00	0.00	1.00
7/12/2008 5:10:00 PM	0005300	Omiko Pl	143	0.10	0.00	0.10
7/13/2008 1:59:00 PM	0005314	MP 5 Kamehameha V Hwy	142	0.10	0.00	0.10

7/17/2008 5:18:00 PM	0005418	Hana Hwy	171A	0.10	0.00	0.10
7/23/2008 5:47:00 PM	0005581	Ohukai Rd	142	0.10	0.00	0.10
7/25/2008 2:46:00 AM	0005617	Liloa Dr	142	0.20	0.00	0.20
7/27/2008 2:11:00 PM	0005681	On Hoonani St at Kapuhau Pl	143	0.10	0.00	0.10
7/28/2008 4:25:00 AM	0005691	1 Hale Nanea Rd	143	0.10	0.00	0.10
7/28/2008 1:56:00 PM	0005695	Puunene Ave	143	0.10	0.00	0.10
7/30/2008 8:23:00 PM	0005739	Baldwin Ave	142	0.10	0.00	0.10
8/1/2008 2:52:00 PM	0005776	E Welakahao Rd	142	2.00	0.00	2.00
8/3/2008 9:58:00 AM	0005829	175 Makawao Ave	142	0.10	0.00	0.10
8/4/2008 8:59:00 AM	0005852	1929 Alaloa St	142	0.10	0.00	0.10
8/5/2008 2:22:00 PM	0005882	Pulehu Rd	142	6.00	0.00	6.00
8/5/2008 8:06:00 PM	0005894	Baldwin Ave	142	0.10	0.00	0.10
8/7/2008 12:36:00 PM	0005931	Honoapiilani Hwy	143	0.10	0.00	0.10
8/7/2008 12:42:00 PM	0005930	On Honoapiilani Hwy at Kuikahi St	142	0.10	0.00	0.10
8/8/2008 3:43:00 PM	0005950	Kamehameha V Hwy	142	0.10	0.00	0.10
8/12/2008 5:07:00 PM	0006059	On Ohukai Rd at Pillani Hwy	143	0.10	0.00	0.10
8/14/2008 12:18:00 AM	0006083	Liloa St	143	0.10	0.00	0.10
8/15/2008 4:41:00 PM	0006125	Puukolii Rd	142	0.01	0.00	0.01
8/16/2008 2:00:00 PM	0006140	Kamehameha V Hwy	142	0.01	0.00	0.01
8/17/2008 1:13:00 PM	0006167	1373 Makawao Ave	143	0.10	0.00	0.10
8/17/2008 3:40:00 PM	0006171	1373 Makawao Ave	143	0.10	0.00	0.10
8/17/2008 4:40:00 PM	0006175	Pakahi St	140	0.10	0.00	0.10
8/18/2008 8:56:00 AM	0006187	MP 36 Honoapiilani Hwy	142	0.10	0.00	0.10
8/19/2008 12:20:00 AM	0006201	Hana Hwy	142	0.25	0.00	0.25
8/19/2008 11:18:00 AM	0006207	Spanish Rd	142	0.50	0.00	0.50
8/19/2008 4:12:00 PM	0006218	Pillani Hwy	142	0.10	0.00	0.10
8/21/2008 3:20:00 AM	0006252	MP 5 Omaoplo Rd	142	0.01	0.00	0.01
8/21/2008 7:23:00 AM	0006254	Lower Kula Rd	142	0.01	0.00	0.01
8/23/2008 4:25:00 PM	0006292	300 Kilohana Dr	142	500.00	0.00	500.00
8/24/2008 3:13:00 PM	0006306	Honoapiilani Hwy	143	0.10	0.00	0.10
8/25/2008 11:01:00 AM	0006329	2673 Puu Hoolai St	142	0.10	0.00	0.10
8/25/2008 2:28:00 PM	0006336	On Pillani Hwy at Kaonoulu St	142	25.00	0.00	25.00
8/30/2008 3:52:00 AM	0006437	MP 8 Honoapiilani Hwy	142	0.10	0.00	0.10
8/31/2008 8:00:00 AM	0006465	Kahekili Hwy	142	0.10	0.00	0.10
8/31/2008 8:40:00 AM	0006466	Kahekili Hwy	142	0.10	0.00	0.10
8/31/2008 11:12:00 AM	0006469	Kenolio St	140	0.10	0.00	0.10
8/31/2008 11:18:00 AM	0006470	Kahekili Hwy	142	0.10	0.00	0.10
9/1/2008 8:38:00 AM	0006483	Kahekili Hwy	142	0.10	0.00	0.10
9/6/2008 6:37:00 PM	0006600	441 Dickenson St	142	0.10	0.00	0.10
9/8/2008 12:29:00 PM	0006634	Kamoi St	142	0.01	0.00	0.01
9/10/2008 8:04:00 AM	0006676	Pillani Hwy	142	0.10	0.00	0.10
9/11/2008 2:11:00 PM	0006704	816 Niheu St	142	0.25	0.00	0.25
9/12/2008 8:40:00 AM	0006728	816 Niheu St	142	0.10	0.00	0.10
9/12/2008 1:06:00 PM	0006734	544 Maika St	142	0.75	0.00	0.75

9

51

27

9/12/2008 1:54:00 PM	0006737	2546 Omiko Pl	143	0.10	0.00	0.10
9/15/2008 10:18:00 AM	0006794	Kulike Rd	142	0.10	0.00	0.10
9/15/2008 3:22:00 PM	0006804	Haleakala Hwy	143	0.10	0.00	0.10
9/15/2008 5:53:00 PM	0006807	Hahana Rd	142	30.00	0.00	30.00
9/16/2008 5:59:00 AM	0006834	Haleakala Hwy	142	1.00	0.00	1.00
9/16/2008 12:52:00 PM	0006817	Kaahumanu Ave	142	0.10	0.00	0.10
9/16/2008 1:08:00 PM	0006819	Kahului Beach Rd	143	0.10	0.00	0.10
9/20/2008 1:45:00 AM	0006898	Hana Hwy	142	0.10	0.00	0.10
9/21/2008 8:16:00 AM	0006921	Haleakala Hwy	142	0.10	0.00	0.10
9/21/2008 4:34:00 PM	0006932	2674 Puuomalei Rd	143	0.10	0.00	0.10
9/27/2008 8:56:00 AM	0007045	MP 11 Hana Hwy	143	0.10	0.00	0.10
9/27/2008 7:58:00 PM	0007056	433 Kahiki St	173	0.10	0.00	0.10
10/3/2008 12:10:00 PM	0007175	Pulehu Rd	143	0.00	0.01	0.01
10/8/2008 12:35:00 PM	0007291	520 One St	143	0.01	0.00	0.01
10/8/2008 6:25:00 PM	0007299	20 W Wakea Ave	142	0.01	0.00	0.01
10/11/2008 2:17:00 AM	0007353	Pulehu Rd	143	0.05	0.00	0.05
10/12/2008 4:42:00 PM	0007395	Hana Hwy	142	0.10	0.00	0.10
10/12/2008 9:13:00 PM	0007406	MP-4 Omaopio Rd	171A	1.00	0.00	1.00
10/14/2008 3:37:00 PM	0007450	Kaupo St	142	0.10	0.00	0.10
10/19/2008 2:40:00 AM	0007559	MP 7.5 Honoapiilani Hwy	142	0.75	0.00	0.75
10/19/2008 1:12:00 PM	0007568	Ahulua St	142	0.25	0.00	0.25
10/19/2008 1:38:00 PM	0007571	365 Hina Ave	142	0.75	0.00	0.75
10/20/2008 7:40:00 PM	0007594	W Hawaii St	142	0.12	0.00	0.12
10/21/2008 2:49:00 PM	0007623	Old Haleakala Hwy	142	0.10	0.00	0.10
10/22/2008 8:21:00 PM	0007646	Kahekili Hwy	171A	50.00	0.00	50.00
10/23/2008 5:35:00 AM	0007650	MP 8 Crater Rd	141	1.00	0.00	1.00
10/25/2008 2:43:00 PM	0007721	Lipoa Pky	142	0.10	0.00	0.10
10/26/2008 2:01:00 PM	0007738	Anapuni Loop	142	2.00	0.00	2.00
10/26/2008 2:51:00 PM	0007740	Hoemoku St	143	0.10	0.00	0.10
10/26/2008 5:01:00 PM	0007745	616 Hana Hwy	142	0.10	0.00	0.10
10/27/2008 4:12:00 AM	0007781	Kaao Rd	142	0.25	0.00	0.25
10/27/2008 1:53:00 PM	0007765	1650 Kaahumanu Ave	143	0.10	0.00	0.10
10/28/2008 9:19:00 AM	0007786	Haleakala Hwy	142	0.10	0.00	0.10
10/28/2008 1:48:00 PM	0007791	1650 Kaahumanu Ave	143	0.10	0.00	0.10
10/28/2008 2:39:00 PM	0007794	Hana Hwy	142	0.10	0.00	0.10
10/28/2008 10:23:00 PM	0007804	Alahao Rd	141	0.00	0.01	0.01
11/3/2008 11:31:00 PM	0007934	Hana Hwy	142	0.25	0.00	0.25
11/6/2008 6:28:00 PM	0007986	On Kahului Beach Rd at Kanaloa Ave	142	0.10	0.00	0.10
11/8/2008 2:46:00 PM	0008029	101 E Kaahumanu Ave	143	0.10	0.00	0.10
11/9/2008 2:32:00 PM	0008052	Kulhelani Hwy	142	10.00	0.00	10.00
11/10/2008 2:13:00 AM	0008067	1000 Lower Kula Rd	142	0.10	0.00	0.10
11/11/2008 2:40:00 AM	0008112	Piilani Hwy	143	0.10	0.00	0.10
11/11/2008 11:44:00 PM	0008110	Hana Hwy	142	0.10	0.00	0.10
11/12/2008 8:06:00 AM	0008117	Hana Hwy	140	1.00	0.00	1.00

31

15

11/14/2008 11:35:00 AM	0008174	Malaihi Rd	142	0.10	0.00	0.10
11/15/2008 10:53:00 PM	0008212	221 Mahalani St	142	0.10	0.00	0.10
11/16/2008 3:25:00 PM	0008236	Dickenson St	140	0.10	0.00	0.10
11/16/2008 10:55:00 PM	0008243	MP 10 Honoapilani Hwy	142	0.10	0.00	0.10
11/18/2008 12:13:00 PM	0008275	1 Manele Rd	142	0.00	2,583.00	2,583.00
11/21/2008 1:05:00 AM	0008340	Kaae Rd	142	0.10	0.00	0.10
11/24/2008 1:58:00 PM	0008440	480 Olinda Rd	142	0.10	0.00	0.10
11/26/2008 2:14:00 PM	0008477	Maika Pl	142	0.50	0.00	0.50
11/27/2008 5:49:00 AM	0008486	Nahele Rd	142	0.10	0.00	0.10
11/28/2008 11:45:00 AM	0008517	1 Lanai Hale Rd	142	0.10	0.00	0.10
11/29/2008 12:36:00 AM	0008540	Kuihelani Hwy	142	0.10	0.00	0.10
11/29/2008 9:54:00 AM	0008551	913 Hog Back Rd	143	0.10	0.00	0.10
12/1/2008 11:53:00 AM	0008619	5125 Kupele Pl	143	0.01	0.00	0.01
12/5/2008 3:21:00 PM	0008719	Hana Hwy	143	0.10	0.00	0.10
12/6/2008 6:30:00 PM	0008746	Kokomo Rd	143	0.10	0.00	0.10
12/9/2008 3:04:00 AM	0008798	Kahului Beach Rd	142	0.10	0.00	0.10
12/11/2008 3:26:00 PM	0008859	100 Uaoa Way	142	0.10	0.00	0.10
12/21/2008 4:31:00 PM	0009073	On Baldwin Ave at Holomua Rd	171A	6.00	0.00	6.00
12/25/2008 3:03:00 PM	0009170	S Kihei Rd	143	0.10	0.00	0.10
1/1/2009 1:08:00 AM	0000006	1351 Pakali St	143	0.00	0.01	0.01
1/1/2009 12:28:00 PM	0000020	921 Puiki Pl	142	0.01	0.00	0.01
1/1/2009 2:11:00 PM	0000022	4101 Allikoa Pl	143	0.01	0.00	0.01
1/7/2009 12:59:00 PM	0000200	Pulehu Rd	171A	0.50	0.00	0.50
1/13/2009 5:44:00 PM	0000360	Haleakala Hwy	142	0.50	0.00	0.50
1/24/2009 4:57:00 PM	0000664	Hana Hwy	142	0.01	0.00	0.01
1/25/2009 7:52:00 AM	0000677	Puna Rd	140	0.05	0.00	0.05
1/27/2009 8:56:00 AM	0000741	S High St	140	0.01	0.00	0.01
2/8/2009 4:51:00 PM	0001086	Iolani St	171A	30.00	0.00	30.00
2/9/2009 10:41:00 PM	0001125	Hana Hwy	141	0.01	0.00	0.01
2/14/2009 5:59:00 AM	0001258	Stable Rd	142	0.10	0.00	0.10
2/18/2009 12:17:00 PM	0001365	Moomomi Ave	142	0.02	0.00	0.02
2/18/2009 5:16:00 PM	0001376	Hanson Rd	140	0.01	0.00	0.01
2/23/2009 10:17:00 PM	0001574	Amala Pl	141	0.01	0.00	0.01
2/28/2009 9:06:00 PM	0001709	On Hana Hwy at Stable Rd	142	0.25	0.00	0.25
3/1/2009 2:31:00 AM	0001715	MP 17 Honoapilani Hwy	142	0.01	0.00	0.01
3/1/2009 9:26:00 AM	0001722	MP 18 Honoapilani Hwy	142	0.01	0.00	0.01
3/11/2009 4:44:00 PM	0002039	2747 S Kihei Rd	142	0.02	0.00	0.02
3/13/2009 1:30:00 PM	0002096	15 Ipu Aumakua	142	5.00	0.00	5.00
3/14/2009 12:20:00 PM	0002129	41 Kealamauloa Pl	142	0.25	0.00	0.25
4/11/2009 1:31:00 PM	0002934	37 Apali Way	142	7.50	0.00	7.50
4/12/2009 3:13:00 AM	0002959	497 Baldwin Ave	142	0.01	0.00	0.01
4/13/2009 2:21:00 PM	0003000	497 Baldwin Ave	140	0.10	0.00	0.10
4/27/2009 12:13:00 PM	0003362	1508 Piihaha Rd	140	0.01	0.00	0.01
5/7/2009 1:00:00 PM	0003648	Kenolio Rd	143	0.01	0.00	0.01

25E

7
(200)
3.9

43

5/8/2009 9:51:00 AM	0003671	On Makawao Ave at Kee Rd	142	0.01	0.00	0.01
5/10/2009 9:33:00 AM	0003747	Hana Hwy	140	0.01	0.00	0.01
5/12/2009 2:28:00 PM	0003818	492 Kahua Pl	143	0.01	0.00	0.01
5/12/2009 3:42:00 PM	0003821	Hahana Rd	142	0.25	0.00	0.25
5/13/2009 6:25:00 PM	0003852	1401 Liloa Dr	142	0.01	0.00	0.01
5/13/2009 11:40:00 PM	0003859	Old Waiale Rd	142	0.10	0.00	0.10
5/16/2009 7:11:00 PM	0003943	Waikina Loop	142	0.01	0.00	0.01
5/18/2009 7:08:00 PM	0003991	Lower Honoapiilani Rd	140	0.01	0.00	0.01
5/21/2009 11:27:00 AM	0004063	1311 Fraser Ave	142	0.01	0.00	0.01
5/22/2009 6:15:00 AM	0004091	MP 42 Hana Hwy	142	0.25	0.00	0.25
5/23/2009 9:56:00 AM	0004118	Baldwin Ave	171A	6.00	0.00	6.00
5/25/2009 2:04:00 PM	0004188	980 Lahainaluna Rd	142	2.00	0.00	2.00
5/26/2009 3:16:00 AM	0004209	980 Lahainaluna Rd	142	0.01	0.00	0.01
5/31/2009 12:27:00 PM	0004354	543 Kaiolohia St	142	10.00	0.00	10.00
6/1/2009 10:29:00 AM	0004374	Hana Hwy	143	0.04	0.00	0.04
6/2/2009 12:11:00 PM	0004393	1292 Uluhiu Rd	140	0.01	0.00	0.01
6/2/2009 5:41:00 PM	0004402	Holomua Rd	142	0.10	0.00	0.10
6/3/2009 4:20:00 PM	0004429	83 Hoolawa Rd	142	0.01	0.00	0.01
6/6/2009 10:30:00 AM	0004492	Mokulele Hwy	143	0.03	0.00	0.03
6/6/2009 11:55:00 AM	0004500	Pulehu Rd	142	0.10	0.00	0.10
6/9/2009 10:50:00 AM	0004574	Kaiolohia St	142	0.01	0.00	0.01
6/10/2009 3:32:00 PM	0004605	Hahana Rd	142	2.00	0.00	2.00
6/12/2009 8:18:00 AM	0004651	Kaiholi St	142	0.02	0.00	0.02
6/12/2009 1:43:00 PM	0004658	Hana Hwy	143	0.01	0.00	0.01
6/12/2009 2:58:00 PM	0004661	Amala Pl	142	0.01	0.00	0.01
6/13/2009 1:31:00 AM	0004684	Maalaea Rd	143	0.01	0.00	0.01
6/13/2009 1:35:00 AM	0004683	MP 8 Honoapiilani Hwy	142	0.01	0.00	0.01
6/16/2009 5:33:00 AM	0004757	Haleakala Hwy	142	0.50	0.00	0.50
6/16/2009 12:40:00 PM	0004761	MP 48 Hana highway	142	0.10	0.00	0.10
6/17/2009 10:58:00 PM	0004791	40 Puia Pl	143	0.01	0.00	0.01
6/18/2009 3:35:00 PM	0004807	On Kaahumanu Ave at Kainani St	142	0.20	0.00	0.20
6/19/2009 2:07:00 AM	0004826	111 Aulii Dr	142	0.07	0.00	0.07
6/19/2009 2:12:00 PM	0004838	Kula Hwy	142	7.00	0.00	7.00
6/20/2009 1:09:00 PM	0004862	Haleakala Hwy	142	0.03	0.00	0.03
6/20/2009 6:10:00 PM	0004871	845 Fraser Ave	140	0.05	0.00	0.05
6/21/2009 1:42:00 AM	0004879	Hokiokio Rd	142	0.03	0.00	0.03
6/21/2009 8:24:00 AM	0004883	MP 4 Haleakala Hwy	142	0.01	0.00	0.01
6/21/2009 2:17:00 PM	0004898	Honoapiilani Hwy	142	90.00	0.00	90.00
6/22/2009 4:57:00 PM	0004929	Puunene Ave	143	0.01	0.00	0.01
6/24/2009 2:42:00 PM	0004975	91 Aulii Dr	142	0.01	0.00	0.01
6/27/2009 1:00:00 PM	0005050	MP 34 Honoapiilani Hwy	142	0.25	0.00	0.25
6/27/2009 3:04:00 PM	0005055	Hana Hwy	142	0.25	0.00	0.25
6/27/2009 4:57:00 PM	0005058	MP 34 Honoapiilani Hwy	142	0.01	0.00	0.01
6/28/2009 2:08:00 PM	0005077	Honoapiilani Hwy	142	0.01	0.00	0.01

6/30/2009 4:19:00 PM	0005134	61 Keleawe St	143	0.01	0.00	0.01
7/1/2009 3:07:00 PM	0005167	Welakahao St	142	7.00	0.00	7.00
7/1/2009 9:59:00 PM	0005179	Pulehu Rd	171A	0.10	0.00	0.10
7/1/2009 9:59:00 PM	0005179	Pulehu Rd	142	0.01	0.00	0.01
7/2/2009 9:39:00 AM	0005183	Welakahao Rd	142	0.01	0.00	0.01
7/3/2009 10:49:00 AM	0005214	88 Alehela St	142	0.01	0.00	0.01
7/3/2009 2:29:00 PM	0005221	Honopou Rd	142	0.20	0.00	0.20
7/3/2009 7:22:00 PM	0005224	Nahele Rd	142	0.50	0.00	0.50
7/3/2009 9:07:00 PM	0005226	MP 37 Honoapillani Hwy	142	0.50	0.00	0.50
7/4/2009 12:20:00 AM	0005265	On Ohukai Rd at Pillani Hwy	142	0.25	0.00	0.25
7/4/2009 1:28:00 AM	0005266	MM 2 N Kihei Rd	142	0.20	0.00	0.20
7/4/2009 11:35:00 AM	0005240	Pakaula St	142	2.50	0.00	2.50
7/4/2009 11:39:00 AM	0005241	72 Hoonani St	142	0.50	0.00	0.50
7/4/2009 3:53:00 PM	0005250	335 Papa Ave	143	0.01	0.00	0.01
7/4/2009 4:41:00 PM	0005251	975 Konia Pl	142	0.25	0.00	0.25
7/4/2009 5:41:00 PM	0005252	368 Lehuakona St	142	2.00	0.00	2.00
7/4/2009 6:23:00 PM	0005254	Kakanalea Ave	142	0.03	0.00	0.03
7/4/2009 9:05:00 PM	0005260	Adjacent to Kamoku St	142	0.25	0.00	0.25
7/4/2009 11:28:00 PM	0005263	Baldwin Ave	142	0.25	0.00	0.25
7/5/2009 12:02:00 AM	0005264	Kuihelani Hwy	142	0.03	0.00	0.03
7/5/2009 1:33:00 AM	0005268	Kai Hele Ku St	143	0.05	0.00	0.05
7/5/2009 2:19:00 AM	0005270	On Kuihelani Hwy at Waiko Rd	142	0.04	0.00	0.04
7/5/2009 7:46:00 AM	0005273	On S Mill St at Aholo Rd	142	0.07	0.00	0.07
7/5/2009 12:50:00 PM	0005283	Pillani Hwy	142	0.01	0.00	0.01
7/5/2009 1:25:00 PM	0005286	261 Nalani St	143	0.01	0.00	0.01
7/6/2009 12:58:00 PM	0005306	On Mokulele Hwy at Hanson Rd	142	0.01	0.00	0.01
7/6/2009 1:24:00 PM	0005308	181 Lanai Ave	142	0.01	0.00	0.01
7/6/2009 6:10:00 PM	0005320	On N Kihei Rd at S Kihei Rd	142	0.06	0.00	0.06
7/7/2009 2:55:00 AM	0005326	Kanani Rd	142	0.05	0.00	0.05
7/8/2009 1:31:00 AM	0005354	Kahului Beach Rd	143	0.01	0.00	0.01
7/8/2009 2:35:00 PM	0005372	299 Kilohana Dr	142	0.01	0.00	0.01
7/8/2009 2:53:00 PM	0005373	Honoapillani Hwy	142	0.05	0.00	0.05
7/9/2009 5:41:00 AM	0005388	MP9 Honoapillani Hwy	142	0.01	0.00	0.01
7/9/2009 10:38:00 AM	0005394	MP 15 Honoapillani Hwy	142	0.25	0.00	0.25
7/9/2009 11:04:00 AM	0005397	MP 17 Honoapillani Hwy	142	0.01	0.00	0.01
7/9/2009 11:10:00 AM	0005399	MP 20 Honoapillani Hwy	142	2.00	0.00	2.00
7/9/2009 5:07:00 PM	0005412	MP 15 Honoapillani Hwy	142	0.01	0.00	0.01
7/9/2009 11:29:00 PM	0005419	291 Kaulani Dr	142	0.02	0.00	0.02
7/10/2009 10:15:00 PM	0005445	Kai Hele Ku St	142	0.01	0.00	0.01
7/10/2009 10:43:00 PM	0005446	Puunene Ave	143	0.01	0.00	0.01
7/10/2009 11:07:00 PM	0005448	Pulehu Rd	143	0.01	0.00	0.01
7/11/2009 11:22:00 AM	0005462	Maunaloa Hwy	142	0.75	0.00	0.75
7/11/2009 3:27:00 PM	0005468	Baldwin Ave	142	2.00	0.00	2.00
7/11/2009 6:33:00 PM	0005474	Baldwin Ave	171A	2.00	0.00	2.00

24

7/12/2009 8:14:00 PM	0005514	MP7 Honoapiilani Hwy	142	0.07	0.00	0.07
7/13/2009 2:05:00 PM	0005549	On Uwapo Rd at S Kihei Rd	142	0.02	0.00	0.02
7/13/2009 9:50:00 PM	0005564	Kahului Beach Rd	143	0.01	0.00	0.01
7/14/2009 12:21:00 AM	0005567	On Alahele Pl at Alaloa Rd	142	2.00	0.00	2.00
7/14/2009 1:01:00 PM	0005578	945 Waiolo Pl	142	0.01	0.00	0.01
7/14/2009 2:38:00 PM	0005581	Lani Pl	142	0.01	0.00	0.01
7/14/2009 4:16:00 PM	0005588	MP 2 Haleakala Hwy	143	0.02	0.00	0.02
7/16/2009 1:46:00 PM	0005654	On Mokulele Hwy at Puunene Ave	143	0.01	0.00	0.01
7/17/2009 10:21:00 AM	0005679	Kahului Beach Rd	142	0.01	0.00	0.01
7/17/2009 2:46:00 PM	0005686	MP 13 Kula Hwy	142	0.04	0.00	0.04
7/18/2009 12:34:00 AM	0005707	Holomua Rd	141	0.25	0.00	0.25
7/18/2009 1:25:00 PM	0005720	Old Haleakala Hwy	142	0.04	0.00	0.04
7/19/2009 3:12:00 PM	0005750	N Kihei Rd	142	0.01	0.00	0.01
7/19/2009 4:38:00 PM	0005754	Haiku Rd	140	0.01	0.00	0.01
7/21/2009 3:50:00 PM	0005808	On Piilani Hwy at N Kihei Rd	143	0.01	0.00	0.01
7/22/2009 3:05:00 PM	0005842	MP 11 Kamehameha V Hwy	142	0.25	0.00	0.25
7/24/2009 11:38:00 PM	0005890	MP 6 Hana Hwy	142	0.01	0.00	0.01
7/25/2009 12:12:00 AM	0005899	Mokuhaui Rd	142	0.06	0.00	0.06
7/26/2009 5:03:00 PM	0005942	MP 11 Kamehameha V Hwy	142	0.01	0.00	0.01
7/28/2009 1:43:00 PM	0005988	MP 11.5 Kamehameha V Hwy	142	0.30	0.00	0.30
7/29/2009 4:42:00 PM	0006029	Makena Alanui Rd	140	0.01	0.00	0.01
7/29/2009 11:45:00 PM	0006040	Makena Alanui Dr	142	0.01	0.00	0.01
7/31/2009 10:50:00 AM	0006069	Home Olu Pl	142	0.07	0.00	0.07
7/31/2009 5:19:00 PM	0006074	MP 4 Baldwin Ave	142	1.00	0.00	1.00
8/3/2009 1:28:00 PM	0006137	MP 15 Kahekili Hwy	142	0.25	0.00	0.25
8/3/2009 5:30:00 PM	0006147	Piilani Hwy	142	0.15	0.00	0.15
8/6/2009 4:41:00 PM	0006221	Hahana Rd	142	1.00	0.00	1.00
8/8/2009 11:22:00 AM	0006261	Pulehu Rd	142	0.03	0.00	0.03
8/8/2009 11:24:00 AM	0006262	Pulehu Rd	142	0.06	0.00	0.06
8/8/2009 11:24:00 AM	0006260	MP 3 Pulehu Rd	142	0.02	0.00	0.02
8/8/2009 3:51:00 PM	0006269	2766 Panepoo St	172	0.01	0.00	0.01
8/16/2009 10:28:00 AM	0006458	Maui Lani Parkway	142	0.01	0.00	0.01
8/17/2009 4:57:00 PM	0006501	253 Kaihoe St	142	0.50	0.00	0.50
8/20/2009 2:21:00 PM	0006563	MP3 Honoapiilani Hwy	142	2.50	0.00	2.50
8/20/2009 4:12:00 PM	0006571	On S Kihei Rd at Halekuai St	142	0.02	0.00	0.02
8/24/2009 10:36:00 AM	0006650	N Kihei Rd	142	0.01	0.00	0.01
8/24/2009 10:22:00 PM	0006666	Haleakala Hwy	143	0.01	0.00	0.01
8/25/2009 8:26:00 PM	0006678	572 Laie Dr	143	0.01	0.00	0.01
8/29/2009 12:02:00 PM	0006760	Kikipua St	142	9,000.00	0.00	9,000.00
9/2/2009 8:07:00 AM	0006827	Hahana Rd	143	0.01	0.00	0.01
9/3/2009 1:14:00 PM	0006855	Mokulele Hwy	143	0.01	0.00	0.01
9/11/2009 9:04:00 AM	0007058	MP5 Kahekili Hwy	142	0.01	0.00	0.01
9/11/2009 12:26:00 PM	0007064	Mokulele Hwy	143	0.01	0.00	0.01
9/11/2009 11:57:00 PM	0007076	W Papa Ave	143	0.01	0.00	0.01

9009

9/12/2009 9:25:00 PM	0007099	Hallimaile Rd	171A	0.50	0.00	0.50
9/14/2009 3:00:00 PM	0007137	MP 12 Honoapilani Hwy	143	0.01	0.00	0.01
9/15/2009 1:44:00 AM	0007150	Kenolio Rd	142	0.04	0.00	0.04
9/19/2009 3:15:00 PM	0007280	Haleakala Hwy	143	0.01	0.00	0.01
9/20/2009 2:38:00 AM	0007294	Baldwin Ave	143	0.01	0.00	0.01
9/26/2009 7:45:00 AM	0007437	On Liloa St at Piikea Ave	143	0.01	0.00	0.01
9/27/2009 4:58:00 PM	0007472	Kamehameha V Hwy	140	0.10	0.00	0.10
9/29/2009 12:12:00 AM	0007496	2023 Mokuhaui Rd	143	0.01	0.00	0.01
9/30/2009 6:14:00 PM	0007547	Omaopio Rd	142	0.01	0.00	0.01
10/2/2009 12:38:00 PM	0007593	Olinda Rd	142	3.00	0.00	3.00
10/2/2009 3:52:00 PM	0007600	On Omaopio Rd at Pulehu Rd	142	0.02	0.00	0.02
10/3/2009 3:16:00 PM	0007641	Kamehameha V Hwy	141	2.00	0.00	2.00
10/3/2009 8:22:00 PM	0007629	On Kenui St at Front St	142	0.01	0.00	0.01
10/7/2009 11:33:00 AM	0007729	Baldwin Ave	171A	2.30	0.00	2.30
10/8/2009 1:49:00 PM	0007772	Lot 184 Keonelele Ave	142	0.04	0.00	0.04
10/9/2009 4:37:00 PM	0007809	2722 Kaupakalua Rd	142	0.01	0.00	0.01
10/10/2009 6:59:00 PM	0007843	542 Kini Dr	140	0.01	0.00	0.01
10/12/2009 10:03:00 PM	0007900	Hoomoku Loop	142	0.01	0.00	0.01
10/12/2009 10:04:00 PM	0007894	Hoomoku Loop	142	0.25	0.00	0.25
10/16/2009 2:09:00 PM	0007976	On Liholiho St at Lunallo St	142	0.01	0.00	0.01
10/17/2009 11:25:00 AM	0008001	Hallimaile Rd	143	0.02	0.00	0.02
10/17/2009 11:30:00 AM	0008002	Kaluanui Rd	143	0.25	0.00	0.25
10/17/2009 11:46:00 AM	0008003	E Waiko Rd	142	1.50	0.00	1.50
10/18/2009 1:40:00 AM	0008022	Palalani Pl	142	1.00	0.00	1.00
10/22/2009 11:29:00 PM	0008153	Nahele Rd	142	0.01	0.00	0.01
10/23/2009 12:40:00 AM	0008152	Stable Rd	143	0.01	0.00	0.01
10/23/2009 1:22:00 PM	0008164	Lower Kula Rd	142	0.25	0.00	0.25
10/25/2009 11:45:00 AM	0008223	59 Kahoea Pl	143	0.01	0.00	0.01
10/28/2009 1:49:00 PM	0008310	Pauu Pl	142	30.00	0.00	30.00
10/31/2009 12:30:00 AM	0008367	Maikai St	171A	1.00	0.00	1.00
10/31/2009 12:57:00 PM	0008382	On Baldwin Ave at Ike Dr	142	2.00	0.00	2.00
11/1/2009 11:17:00 AM	0008422	MP 7 Honoapilani Hwy	141	4.00	0.00	4.00
11/1/2009 2:56:00 PM	0008425	536 Lahainaluna Rd	143	0.01	0.00	0.01
11/2/2009 1:00:00 AM	0008443	Honoapilani Hwy	142	0.01	0.00	0.01
11/2/2009 12:46:00 PM	0008453	MP7 Honoapilani Hwy	142	0.01	0.00	0.01
11/3/2009 12:56:00 PM	0008480	MP 7 Honoapilani Hwy	142	0.01	0.00	0.01
11/3/2009 1:02:00 PM	0008481	Mokulele Hwy	143	0.01	0.00	0.01
11/6/2009 1:04:00 PM	0008564	190 Welakahao Rd	142	0.01	0.00	0.01
11/6/2009 3:21:00 PM	0008568	3900 Wailea Alanui Dr	140	0.10	0.00	0.10
11/8/2009 2:59:00 PM	0008626	Kuihelani Hwy	142	0.03	0.00	0.03
11/12/2009 8:04:00 AM	0008734	MP 11 Honoapilani Hwy	142	0.01	0.00	0.01
11/19/2009 4:50:00 PM	0008940	MP 3 Haleakala Hwy	143	0.01	0.00	0.01
11/25/2009 1:43:00 PM	0009089	4630 Lower Kula Rd	143	0.25	0.00	0.25
11/26/2009 1:44:00 PM	0009119	Welakahao Rd	143	0.01	0.00	0.01

48

11/30/2009 3:53:00 PM	0009220	918 Niheu Pl	142	0.50	0.00	0.50
12/13/2009 10:13:00 PM	0009597	Kaumualii St	140	0.01	0.00	0.01
12/17/2009 1:35:00 PM	0009681	102 Aolewa Pl	142	0.01	0.00	0.01
12/19/2009 10:11:00 AM	0009739	Haleakala Hwy	143	0.01	0.00	0.01
12/19/2009 11:28:00 AM	0009743	Honoapiilani Hwy	142	0.90	0.00	0.90
12/21/2009 12:28:00 PM	0009800	709 Pelenaka Pl	142	0.01	0.00	0.01
12/24/2009 9:28:00 PM	0009912	Baldwin Ave	142	0.01	0.00	0.01
12/28/2009 11:27:00 AM	0010030	2712 Akalani Loop	142	0.01	0.00	0.01
12/28/2009 11:31:00 PM	0010047	MP5 Kahekill Hwy	142	0.01	0.00	0.01
12/31/2009 1:35:00 PM	0010109	412 Ehlani St	142	0.01	0.00	0.01
12/31/2009 1:41:00 PM	0010110	Waimaluhia Lane	142	0.50	0.00	0.50
12/31/2009 2:11:00 PM	0010112	Keoni St	142	2.00	0.00	2.00
12/31/2009 6:50:00 PM	0010121	1309 Kilou Pl	142	0.01	0.00	0.01
12/31/2009 8:28:00 PM	0010128	387 Upper Kimo Dr	142	0.01	0.00	0.01
12/31/2009 9:28:00 PM	0010133	816 Niheu St	142	0.01	0.00	0.01
12/31/2009 10:41:00 PM	0010137	661 W Kuiaha Rd	143	0.01	0.00	0.01
12/31/2009 10:48:00 PM	0010140	On S Kihei Rd at Ohukai Rd	140	0.01	0.00	0.01
12/31/2009 10:49:00 PM	0010141	131 Ka Dr	143	0.01	0.00	0.01
12/31/2009 11:03:00 PM	0010144	Baldwin Ave	143	0.02	0.00	0.02
12/31/2009 11:56:00 PM	0010131	1941 S Kihei Rd	140	0.10	0.00	0.10
1/2/2010 4:21:00 PM	0000064	MP3 Haleakala Hwy	143	0.10	0.00	0.10
1/5/2010 4:07:00 PM	0000148	717 Fraser Ave	142	0.10	0.00	0.10
1/9/2010 5:49:00 AM	0000255	MP 21 E Kamehameha V Hwy	142	0.10	0.00	0.10
1/12/2010 9:01:00 AM	0000356	Ala Moana St	142	0.01	0.00	0.01
1/15/2010 2:53:00 PM	0000460	4495 Opana Pl	141	0.04	0.00	0.04
1/15/2010 5:18:00 PM	0000465	620 Polipoli Rd	140	0.03	0.00	0.03
1/16/2010 5:17:00 PM	0000491	MP 19 Kamehameha V Hwy	141	0.50	0.00	0.50
1/18/2010 2:39:00 PM	0000542	805 Aukai St	143	0.10	0.00	0.10
1/18/2010 6:26:00 PM	0000547	Makena Rd	142	0.01	0.00	0.01
1/20/2010 4:08:00 PM	0000603	Hana Hwy	141	0.01	0.00	0.01
1/21/2010 7:17:00 AM	0000622	Hana Hwy	142	0.02	0.00	0.02
1/21/2010 4:45:00 PM	0000638	Kula Hwy	142	0.02	0.00	0.02
1/24/2010 2:12:00 AM	0000705	MP 9 Honoapiilani Hwy	142	0.20	0.00	0.20
1/27/2010 4:04:00 AM	0000789	Sunnyside Rd	171A	0.70	0.00	0.70
2/5/2010 4:07:00 PM	0001049	281 Dickenson St	142	0.50	0.00	0.50
2/8/2010 3:28:00 AM	0001150	100 Ulua Pl	142	0.25	0.00	0.25
2/10/2010 4:49:00 PM	0001229	14300 Hana Hwy	142	0.20	0.00	0.20
2/12/2010 11:37:00 AM	0001267	MP 32 Piilani Hwy	142	0.12	0.00	0.12
2/15/2010 12:57:00 PM	0001369	Pulehu Rd	142	3.00	0.00	3.00
2/16/2010 3:25:00 PM	0001410	MP 40 Hana Hwy	143	0.25	0.00	0.25
2/19/2010 4:03:00 PM	0001518	MP 39 Hana Hwy	142	1.00	0.00	1.00
2/19/2010 9:56:00 PM	0001538	W Hawaii St	142	0.01	0.00	0.01
2/25/2010 6:54:00 AM	0001703	Stable Rd	142	0.01	0.00	0.01
2/25/2010 6:32:00 PM	0001732	Kahului Beach Rd	140	0.01	0.00	0.01

4
2009
9.2

7

3/1/2010 6:10:00 AM	0001824	MP 13 Honoapillani Hwy	143	0.10	0.00	0.10
3/2/2010 10:03:00 AM	0001875	MP 13 Honoapillani Hwy	140	0.01	0.00	0.01
3/3/2010 1:49:00 AM	0001895	10 Ekolu Pl	140	0.01	0.00	0.01
3/3/2010 10:01:00 AM	0001905	MP 12 Maunaloa Hwy	142	1.00	0.00	1.00
3/10/2010 3:12:00 PM	0002120	Wainu Rd	143	0.01	0.00	0.01
3/11/2010 5:50:00 PM	0002158	638 Kekaulike Hwy	142	0.40	0.00	0.40
3/12/2010 10:34:00 PM	0002194	3274 Akala Dr	142	0.02	0.00	0.02
3/13/2010 1:21:00 AM	0002196	Hauoli St	142	0.01	0.00	0.01
3/13/2010 10:49:00 AM	0002217	Shaw St	142	0.01	0.00	0.01
3/14/2010 7:32:00 AM	0002246	Pauwela Rd	140	0.01	0.00	0.01
3/14/2010 1:56:00 PM	0002257	Hana Hwy	142	0.01	0.00	0.01
3/17/2010 10:47:00 AM	0002356	MP 23.5 Honoapillani Hwy	142	0.25	0.00	0.25
3/17/2010 11:08:00 AM	0002357	W Lipoa St	140	0.01	0.00	0.01
3/17/2010 8:32:00 PM	0002379	Haiku Rd	140	0.01	0.00	0.01
3/18/2010 11:03:00 AM	0002391	MP 12 Honoapillani Hwy	142	3.00	0.00	3.00
3/21/2010 2:19:00 PM	0002499	178 Walua St	143	0.01	0.00	0.01
3/30/2010 3:37:00 AM	0002754	MP 5 Piiloholo Rd	141	3.00	0.00	3.00
3/30/2010 1:33:00 PM	0002773	Kula Hwy	142	0.01	0.00	0.01
3/31/2010 2:30:00 PM	0002807	Kakaalaneo Dr	142	10.00	0.00	10.00
3/31/2010 9:02:00 PM	0002826	N Kihei Rd	142	0.01	0.00	0.01
4/1/2010 10:40:00 AM	0002838	MP 7 Honoapillani Hwy	142	0.03	0.00	0.03
4/2/2010 10:44:00 AM	0002861	495 Kalaulu Loop	140	0.01	0.00	0.01
4/2/2010 4:26:00 PM	0002873	590 Haleakala Hwy	143	0.05	0.00	0.05
4/4/2010 4:00:00 PM	0002933	Keawe St	142	0.02	0.00	0.02
4/6/2010 3:27:00 PM	0002970	2040 Kanakanui Rd	142	0.02	0.00	0.02
4/10/2010 4:19:00 PM	0003083	Lahainaluna Rd	142	1.00	0.00	1.00
4/12/2010 4:01:00 AM	0003121	On Liloa St at Piikea Ave	142	0.01	0.00	0.01
4/12/2010 5:27:00 AM	0003123	Makena Alanui Dr	142	0.01	0.00	0.01
4/12/2010 5:42:00 AM	0003124	Pillani Hwy	143	0.05	0.00	0.05
4/16/2010 10:40:00 PM	0003259	Kealakai Pl	140	0.01	0.00	0.01
4/18/2010 5:31:00 AM	0003296	Pillani Hwy	142	0.02	0.00	0.02
4/27/2010 9:35:00 PM	0003604	816 Niheu St	140	0.01	0.00	0.01
4/27/2010 9:57:00 PM	0003605	Hallimalle Rd	171A	0.10	0.00	0.10
4/27/2010 10:05:00 PM	0003606	Ulua Pl	143	1.25	0.00	1.25
5/2/2010 11:44:00 AM	0003719	200 Hahana Rd	142	0.01	0.00	0.01
5/3/2010 2:25:00 PM	0003755	MP 14 Honoapillani Hwy	141	1,100.00	0.00	1,100.00
5/4/2010 11:50:00 PM	0003798	1411 Pakali St	140	0.01	0.00	0.01
5/6/2010 6:00:00 PM	0003867	MP 10 Hana Hwy	140	0.01	0.00	0.01
5/6/2010 10:06:00 PM	0003876	Stable Rd	142	3.00	0.00	3.00
5/9/2010 1:26:00 AM	0003934	Shaw St	142	0.10	0.00	0.10
5/9/2010 5:55:00 PM	0003947	Holomua Rd	142	0.02	0.00	0.02
5/11/2010 10:36:00 AM	0003991	Puunene Ave	142	0.01	0.00	0.01
5/13/2010 4:46:00 PM	0004069	MP 2 Baldwin Ave	171A	1.50	0.00	1.50
5/13/2010 7:45:00 PM	0004075	MP 6 Hana Hwy	140	0.01	0.00	0.01

17

107

5/15/2010 2:23:00 PM	0004127	Kaluanui Rd	142	0.02	0.00	0.02
5/16/2010 9:18:00 AM	0004150	1445 S Kihei Rd	142	0.01	0.00	0.01
5/16/2010 12:39:00 PM	0004157	Baldwin Ave	171A	8.00	0.00	8.00
5/16/2010 3:12:00 PM	0004158	Baldwin Ave	171A	0.02	0.00	0.02
5/17/2010 7:14:00 AM	0004171	Piilani Hwy	142	0.01	0.00	0.01
5/17/2010 1:09:13 PM	0004186	HANA Hwy	142	0.01	0.00	0.01
5/20/2010 1:11:24 PM	0004276	61 HALEKUAI St	143	0.10	0.00	0.10
5/23/2010 2:19:36 PM	0004398	On MOKULELE Hwy at HANSEN Rd	143	0.01	0.00	0.01
5/26/2010 5:21:25 AM	0004511	On KUIHELANI HWY at HONOAPIILANI HWY	142	1.00	0.00	1.00
5/26/2010 11:23:27 AM	0004518	915 S Kihei Rd	142	1.00	0.00	1.00
5/27/2010 6:02:44 PM	0004573	54 WAIAPO St	143	0.05	0.00	0.05
5/31/2010 11:55:53 AM	0004714	On HONOAPIILANI HWY at OFFICE RD	142	2.00	0.00	2.00
6/1/2010 12:42:24 PM	0004756	955 OLINDA Rd	142	0.01	0.00	0.01
6/1/2010 8:03:26 PM	0004778	On Kala Rd at Hana Hwy	142	0.01	0.00	0.01
6/2/2010 3:13:15 AM	0004784	Hana Hwy	142	0.01	0.00	0.01
6/2/2010 12:21:20 PM	0004792	10290 KAMEHAMEHA V Hwy	142	0.02	0.00	0.02
6/2/2010 1:07:17 PM	0004793	HALEAKALA HWY	142	0.01	0.00	0.01
6/2/2010 8:49:05 PM	0004812	On PIIHOLO RD at MAKAWAO AVE	142	0.01	0.00	0.01
6/2/2010 9:00:46 PM	0004813	14815 Haleakala Hwy	142	0.01	0.00	0.01
6/3/2010 12:17:30 PM	0004824	On PUKALANI ST at HALEAKALA HWY	140	0.01	0.00	0.01
6/3/2010 7:38:47 PM	0004837	MP 09 HANA Hwy	143	0.05	0.00	0.05
6/3/2010 8:37:02 PM	0004842	MP 09 HANA Hwy	143	0.00	0.01	0.01
6/5/2010 2:23:13 PM	0004885	915 S KIHEI Rd	140	0.01	0.00	0.01
6/5/2010 3:18:57 PM	0004888	MP 41 HANA HY 31	142	0.10	0.00	0.10
6/6/2010 2:39:58 AM	0004912	11 MAHAOLU PI	142	0.01	0.00	0.01
6/6/2010 6:34:05 AM	0004916	On HONOAPIILANI HWY at N KIHEI RD	142	5.00	0.00	5.00
6/7/2010 10:01:41 PM	0004981	On HONOAPIILANI HWY at N KIHEI RD	142	6,200.00	0.00	6,200.00
6/8/2010 2:57:16 PM	0004999	MP 2 N KIHEI Rd	142	0.50	0.00	0.50
6/9/2010 8:32:42 AM	0005022	MP 2 North Kihei Rd	142	0.01	0.00	0.01
6/11/2010 6:24:24 PM	0005105	94 KUPUOHI St	142	0.01	0.00	0.01
6/12/2010 6:48:53 PM	0005137	995 MAKANI Rd	142	0.01	0.00	0.01
6/13/2010 5:28:22 PM	0005172	Baldwin Ave	171A	0.00	8.00	8.00
6/15/2010 3:01:19 AM	0005212	4 WILIKONA PI	142	4.00	0.00	4.00
6/15/2010 7:50:14 AM	0005217	MP 8 HONOAPIILANI Hwy	140	0.01	0.00	0.01
6/16/2010 10:15:39 AM	0005258	1486 HONOAPIILANI Hwy	142	0.10	0.00	0.10
6/16/2010 11:43:25 PM	0005279	KUIKAHI DR	142	0.10	0.00	0.10
6/17/2010 12:57:24 PM	0005296	480 Puniawa Rd	142	1.50	0.00	1.50
6/17/2010 1:46:37 PM	0005299	On PIIKEA Ave at LILOA Dr	142	1.75	0.00	1.75
6/17/2010 1:54:32 PM	0005301	2265 HOLOWAI PI	142	0.01	0.00	0.01
6/18/2010 12:38:36 PM	0005339	PIIKEA AVE	142	0.10	0.00	0.10
6/19/2010 7:12:15 PM	0005386	PIIKEA Ave	140	0.01	0.00	0.01
6/20/2010 9:24:26 AM	0005405	On Hana Hwy at Haiku Rd	142	0.50	0.00	0.50
6/22/2010 1:16:38 PM	0005471	On HALEAKALA HWY at HALEAKALA HY 377	142	0.00	0.01	0.01
6/22/2010 1:27:12 PM	0005472	HALEAKALA HWY	142	25.00	0.00	25.00

6217

42

6/22/2010 7:11:31 PM	0005484	146 Hoolei Cir	142	0.00	0.01	0.01
6/23/2010 6:09:50 AM	0005492	101 PAKAULA St	142	0.01	0.00	0.01
6/23/2010 8:14:51 AM	0005495	On HANA HWY at PULEHU RD	142	0.01	0.00	0.01
6/23/2010 9:44:07 AM	0005500	On HANA HWY at PULEHU RD	142	0.01	0.00	0.01
6/23/2010 12:55:43 PM	0005507	On MOKULELE HWY at KAMAAINA RD	142	0.10	0.00	0.10
6/23/2010 1:51:42 PM	0005510	On HANA HWY at PULEHU RD	142	0.10	0.00	0.10
6/23/2010 3:26:06 PM	0005511	On HANA HWY at DAIRY RD	142	0.10	0.00	0.10
6/23/2010 4:54:12 PM	0005513	200 WAIANUHEA St	142	0.02	0.00	0.02
6/23/2010 5:20:14 PM	0005515	MP 30 Honoapillani Hwy	142	0.02	0.00	0.02
6/24/2010 1:16:42 AM	0005533	47 KEALA PI	143	0.00	0.01	0.01
6/24/2010 2:37:36 PM	0005561	On HALEAKALA Hwy at KEALALOA Ave	143	0.01	0.00	0.01
6/24/2010 3:28:13 PM	0005562	MALAIHI Rd	142	0.01	0.00	0.01
6/24/2010 4:03:15 PM	0005565	On HANA Hwy at DAIRY Rd	142	0.01	0.00	0.01
6/24/2010 4:44:36 PM	0005566	Hana Hwy	141	0.50	0.00	0.50
6/28/2010 11:20:02 PM	0005726	Hana Hwy	142	0.03	0.00	0.03
7/1/2010 10:31:33 AM	0005804	MP 22 HONOAPIILANI Hwy	143	0.00	0.01	0.01
7/2/2010 7:05:38 PM	0005848	1414 FRONT St	142	0.00	0.01	0.01
7/3/2010 2:23:21 AM	0005863	On LILOA DR at PIIKEA AVE	142	0.10	0.00	0.10
7/3/2010 2:51:19 AM	0005866	4100 WAILEA ALANUI Dr	142	0.00	0.25	0.25
7/3/2010 10:21:32 AM	0005882	631 PALAPALA Dr	140	0.01	0.00	0.01
7/3/2010 1:42:13 PM	0005892	10800 KAMEHAMEHA V Hwy	142	0.00	0.25	0.25
7/3/2010 4:51:53 PM	0005898	11100 KAHEKILI Hwy	143	0.10	0.00	0.10
7/4/2010 9:25:20 AM	0005916	On PIIHANA RD at KAHEKILI HWY	142	1.00	0.00	1.00
7/4/2010 4:57:58 PM	0005933	Holomua Rd	171A	50.00	0.00	50.00
7/4/2010 5:40:27 PM	0005936	329 MAKOA PI	142	0.01	0.00	0.01
7/4/2010 7:21:26 PM	0005939	On PIIHANA RD at N MARKET ST	142	0.07	0.00	0.07
7/4/2010 8:29:03 PM	0005945	On WAIALE RD at KUIKAHI DR	142	0.00	0.25	0.25
7/4/2010 8:55:16 PM	0005946	On OMILU ST at KAHEKILI HWY	142	0.01	0.00	0.01
7/4/2010 9:04:23 PM	0005948	On HALEAKALA HWY at KEALALOA AVE	140	0.01	0.00	0.01
7/4/2010 9:25:28 PM	0005951	On HALEAKALA HWY at HALIIMAILE RD	142	0.00	0.08	0.08
7/4/2010 10:19:30 PM	0005954	181 LANAI Ave	143	0.01	0.00	0.01
7/4/2010 10:31:16 PM	0005956	On MOKULELE HWY at MEHAMEHA LOOP	171A	47.20	0.00	47.20
7/4/2010 11:14:02 PM	0005960	On LOWER WAIHEHU BEACH RD at ALAKAI ST	143	0.01	0.00	0.01
7/4/2010 11:21:02 PM	0005961	On MOKUHAU RD at KAHEKILI HWY	142	0.01	0.00	0.01
7/4/2010 11:39:37 PM	0005965	On ULUPONO ST at KUPUOHI ST	142	0.00	3.00	3.00
7/4/2010 11:58:51 PM	0005969	On LEIALII PKWY RD at HONOAPIILANI HWY	142	130.00	0.00	130.00
7/5/2010 12:06:01 AM	0005971	On HANSEN RD at MOKULELE HWY	171	0.00	2.00	2.00
7/5/2010 12:55:55 AM	0005973	On HALIIMAILE RD at HALEAKALA HWY	143	0.01	0.00	0.01
7/5/2010 3:33:34 AM	0005975	301 BALDWIN Ave	143	0.01	0.00	0.01
7/5/2010 10:49:31 AM	0005985	On MOKULELE Hwy at KAMAAINA Rd	171A	0.10	0.00	0.10
7/5/2010 11:20:09 AM	0005987	On KUIHELANI Hwy at MAUI LANI PARKWAY Rd	142	3.00	0.00	3.00
7/5/2010 11:50:22 AM	0005990	165 FRASER Ave	143	0.10	0.00	0.10
7/5/2010 12:23:47 PM	0005992	Holomua Rd	171A	158.00	0.00	158.00
7/5/2010 12:45:29 PM	0005996	On KEONEKAI Rd at PIILANI Hwy	142	0.01	0.00	0.01

52

150

162

7/5/2010 1:43:19 PM	0006000	MP 3 MOKULELE Hwy	171A	5.00	0.00	5.00
7/5/2010 3:00:44 PM	0006003	2701 MOKULELE Hwy	143	0.01	0.00	0.01
7/5/2010 3:48:33 PM	0006007	303 BALDWIN Ave	142	2.00	0.00	2.00
7/5/2010 5:11:03 PM	0006013	HOOMOKU St	142	0.03	0.00	0.03
7/5/2010 7:35:16 PM	0006017	On PIIHANA Rd at N MARKET St	140	0.01	0.00	0.01
7/5/2010 9:01:21 PM	0006020	600 WAIALE Rd	142	0.01	0.00	0.01
7/5/2010 9:54:21 PM	0006024	On IAO VALLEY Rd at W MAIN St	142	0.01	0.00	0.01
7/6/2010 6:08:00 AM	0006029	On IAO VALLEY RD at W MAIN ST	142	0.00	0.05	0.05
7/6/2010 1:06:50 PM	0006041	2140 Farrington Ave	143	0.00	0.01	0.01
7/6/2010 3:14:54 PM	0006046	1 KAUNAKAKAI PI	142	5.00	0.00	5.00
7/6/2010 3:42:37 PM	0006048	On OHUKAI RD at PIILANI HWY	143	0.00	0.01	0.01
7/7/2010 1:57:14 PM	0006072	N KIHEI Rd	142	0.01	0.00	0.01
7/7/2010 3:29:42 PM	0006076	MP 6 KUIHELANI Hwy	143	0.10	0.00	0.10
7/8/2010 7:36:41 AM	0006101	300 BALDWIN Ave	142	0.01	0.00	0.01
7/8/2010 8:42:30 AM	0006104	10340 MOKULELE Hwy	171A	0.02	0.00	0.02
7/8/2010 11:35:36 AM	0006116	10900 HANA Hwy	142	0.12	0.00	0.12
7/8/2010 11:35:36 AM	0006116	10900 HANA Hwy	142	0.10	0.00	0.10
7/8/2010 3:55:12 PM	0006132	13501 Haleakala Hwy	142	3.01	0.00	3.01
7/8/2010 7:26:12 PM	0006139	On PIIHANA RD at N MARKET ST	143	0.00	0.01	0.01
7/9/2010 3:44:51 AM	0006149	Kenui St	142	0.00	0.12	0.12
7/9/2010 1:10:31 PM	0006164	On LEIALII PKWY RD at HONOAPIILANI HWY	142	0.00	0.01	0.01
7/9/2010 3:47:33 PM	0006168	On LEIALII PKWY RD at HONOAPIILANI HWY	142	0.00	2.00	2.00
7/10/2010 1:16:49 AM	0006179	On PIILANI HWY at OHUKAI RD	142	0.00	0.02	0.02
7/10/2010 1:23:22 AM	0006180	140 UWAPPO Rd	142	0.01	0.00	0.01
7/10/2010 1:26:53 AM	0006181	On KAIWAHINE ST at PIILANI HWY	142	0.01	0.00	0.01
7/10/2010 9:25:44 AM	0006186	1950 N Market St	143	0.02	0.00	0.02
7/11/2010 9:04:15 AM	0006224	On KENUI ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
7/11/2010 4:54:47 PM	0006247	PULEHU Rd	140	0.01	0.00	0.01
7/11/2010 8:00:29 PM	0006258	2253 MOKUHAU Rd	142	25.00	0.00	25.00
7/12/2010 2:58:25 PM	0006287	667 MAALAHU St	142	0.01	0.00	0.01
7/15/2010 4:39:33 PM	0006372	201 HOOMAHU Rd	142	3.00	0.00	3.00
7/16/2010 9:37:57 AM	0006397	MOKUHAU Rd	140	0.01	0.00	0.01
7/16/2010 3:51:55 PM	0006415	On AKAHELE ST at HONOAPIILANI HWY	142	0.00	0.04	0.04
7/16/2010 3:53:23 PM	0006416	315 Pauwela Rd	142	0.01	0.00	0.01
7/18/2010 6:20:31 PM	0006503	MP 27.5 HONOAPIILANI Hwy	142	0.00	1.00	1.00
7/19/2010 12:43:36 AM	0006515	29 Olinda Rd	142	0.00	0.25	0.25
7/19/2010 6:34:29 AM	0006521	On KONAHEA ST at MOKUHAU RD	142	0.01	0.00	0.01
7/19/2010 7:53:54 AM	0006524	Olinda Rd	142	0.01	0.00	0.01
7/19/2010 5:36:02 PM	0006539	Mauli High School	171	0.00	0.50	0.50
7/20/2010 1:45:58 AM	0006557	255 PALANEHE St	143	0.05	0.00	0.05
7/20/2010 8:44:51 AM	0006567	29 OLINDA Rd	142	0.00	0.01	0.01
7/20/2010 3:19:11 PM	0006579	On MOKUHAU RD at NENEA ST	142	0.01	0.00	0.01
7/21/2010 3:59:01 PM	0006614	660 LONO Ave	140	0.01	0.00	0.01
7/21/2010 10:23:54 PM	0006628	2576 W MAIN St	142	0.00	0.01	0.01

42

5

7/23/2010 3:55:23 PM	0006701	430 MAKANI Rd	142	6.00	0.00	6.00
7/24/2010 1:03:49 AM	0006721	1781 Haiku Rd	141	0.01	0.00	0.01
7/25/2010 2:22:51 PM	0006768	KOKOMO Rd	170	0.10	0.00	0.10
7/26/2010 6:49:42 AM	0006790	On PULEHU Rd at OPALIPALI PI	142	0.01	0.00	0.01
7/28/2010 1:47:08 AM	0006860	On Honoapiilani Hwy at AKAHELE ST	142	0.00	1.00	1.00
7/28/2010 9:57:22 AM	0006869	13800 HONOAPIILANI Hwy	143	0.00	0.01	0.01
7/30/2010 3:56:28 AM	0006953	On HONOAPIILANI HWY at AKAHELE ST	142	0.00	1.00	1.00
7/30/2010 11:17:52 PM	0006980	On HONOAPIILANI HWY at AKAHELE ST	142	0.00	0.01	0.01
7/30/2010 11:26:53 PM	0006983	MP 27 HONOAPIILANI HWY	143	0.10	0.00	0.10
7/30/2010 11:35:09 PM	0006982	MP 27 HONOAPIILANI HWY	143	0.00	0.01	0.01
7/31/2010 7:47:03 AM	0006990	Honoapiilani Hwy	142	0.01	0.00	0.01
7/31/2010 10:29:25 AM	0006996	2701 MOKULELE Hwy	141	10.00	0.00	10.00
7/31/2010 11:27:52 AM	0007001	WAIPOLI Rd	142	0.00	0.01	0.01
7/31/2010 10:02:35 PM	0007035	Haleakala Hwy	142	1.00	0.00	1.00
8/1/2010 3:03:34 AM	0007040	HALEAKALA Hwy	142	0.01	0.00	0.01
8/5/2010 8:15:55 AM	0007192	11200 HONOAPIILANI Hwy	142	0.00	0.01	0.01
8/5/2010 11:50:26 PM	0007225	2835 KAMAILE PI	142	60.00	0.00	60.00
8/6/2010 1:28:36 AM	0007227	285 KAIHOI ST	142	0.00	0.40	0.40
8/6/2010 9:40:54 AM	0007231	On WAIPOLI RD at KAOLU PL	142	0.00	0.01	0.01
8/6/2010 7:34:48 PM	0007262	On E WAIKO RD at KUIHELANI HWY	171A	0.10	0.00	0.10
8/7/2010 12:46:48 PM	0007284	875 HAUNANI PI	142	0.00	40.00	40.00
8/8/2010 3:02:10 PM	0007318	MP 23 HONOAPIILANI Hwy	142	6.00	0.00	6.00
8/8/2010 3:09:00 PM	0007319	On AKAHELE ST at HONOAPIILANI HWY	142	0.00	1.00	1.00
8/8/2010 4:10:23 PM	0007323	114 MAKU HOU Loop	140	0.01	0.00	0.01
8/8/2010 6:11:10 PM	0007328	S ALU Rd	140	0.01	0.00	0.01
8/8/2010 11:16:56 PM	0007344	Holomua Rd	142	0.01	0.00	0.01
8/9/2010 8:12:49 AM	0007351	On ALANEO PL at S ALU RD	140	0.01	0.00	0.01
8/9/2010 12:30:27 PM	0007360	267 S ALU Rd	142	2.00	0.00	2.00
8/9/2010 4:51:43 PM	0007376	MP 27 Honoapiilani Hwy	142	0.00	0.01	0.01
8/9/2010 11:10:13 PM	0007385	On MAIKA ST at PUUOHALA RD	142	0.00	1.00	1.00
8/10/2010 12:52:05 PM	0007406	3445 LOWER HONOAPIILANI Rd	140	0.10	0.00	0.10
8/10/2010 2:42:09 PM	0007411	446 ALA MAKANI PI	142	1.00	0.00	1.00
8/10/2010 5:49:40 PM	0007417	MP 13 Honoapiilani Hwy	141	0.00	22.00	22.00
8/10/2010 6:10:59 PM	0007420	On KAI HELE KU ST at HONOAPIILANI HWY	142	0.00	2.50	2.50
8/11/2010 7:48:35 PM	0007462	3355 BALDWIN Ave	142	2.00	0.00	2.00
8/12/2010 8:27:47 AM	0007478	KAHEKILI Hwy	142	0.00	0.01	0.01
8/12/2010 6:25:39 PM	0007504	On LIMA IKI PL at ALAEKEA ST	141	0.01	0.00	0.01
8/13/2010 1:05:42 PM	0007528	On ALAEKEA ST at ALAHULA ST	142	0.00	0.01	0.01
8/14/2010 6:04:19 AM	0007552	10400 HONOAPIILANI Hwy	171A	0.10	0.00	0.10
8/14/2010 9:26:47 AM	0007556	On AKAHELE ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
8/14/2010 11:02:06 AM	0007561	11800 HONOAPIILANI Hwy	142	0.00	0.01	0.01
8/16/2010 10:38:43 AM	0007651	On POHAKULOLO RD at KAUPOA HOUSE RD	141	0.10	0.00	0.10
8/17/2010 5:17:55 AM	0007674	Piilani Hwy	142	0.25	0.00	0.25
8/17/2010 6:57:39 AM	0007676	On W MAIN ST at W ALU RD	141	0.01	0.00	0.01

19

12

5

8/20/2010 10:54:15 PM	0007807	MP 14 HONOAPIILANI Hwy	140	0.01	0.00	0.01
8/22/2010 3:33:06 AM	0007848	Hana Hwy	171A	0.25	0.00	0.25
8/24/2010 8:17:19 AM	0007905	On KEAHUA RD at HALEAKALA HWY	142	10.00	0.00	10.00
8/24/2010 4:09:51 PM	0007914	On LILIUOKALANI ST at LEOLANI PL	171A	2.00	0.00	2.00
8/25/2010 11:30:38 AM	0007939	On HALEAKALA HWY at KEAHUA RD	142	0.00	20.00	20.00
8/25/2010 12:12:45 PM	0007943	KUIHELANI Hwy	143	0.00	0.01	0.01
8/26/2010 5:28:23 AM	0007956	1740 PIIHOLO Rd	142	0.50	0.00	0.50
8/26/2010 10:26:14 AM	0007964	1880 PIIHOLO Rd	140	0.01	0.00	0.01
8/26/2010 11:08:11 AM	0007966	On Haleakala Hwy at Makawao Ave	142	3.00	0.00	3.00
8/26/2010 2:13:43 PM	0007974	1880 PIIHOLO Rd	140	0.01	0.00	0.01
8/26/2010 8:15:35 PM	0007983	770 Malahi Rd	142	0.00	0.01	0.01
8/27/2010 12:53:26 PM	0007996	1880 PIIHOLO Rd	142	0.00	0.50	0.50
8/28/2010 12:50:24 PM	0008033	6 KAI ALA Dr	140	0.00	0.01	0.01
8/29/2010 2:29:37 PM	0008067	HANA Hwy	142	0.05	0.00	0.05
8/29/2010 2:30:28 PM	0008068	2800 S KIHEI Rd	142	0.00	1.00	1.00
8/30/2010 12:46:55 PM	0008106	MP 2 PULEHU Rd	142	0.01	0.00	0.01
8/30/2010 2:10:17 PM	0008113	MP 48 HANA Hwy	142	0.10	0.00	0.10
8/30/2010 5:09:31 PM	0008119	90 NANAINA St	142	0.01	0.00	0.01
8/31/2010 9:45:00 AM	0008134	1 PIIHANA RD	141	0.10	0.00	0.10
8/31/2010 10:08:40 PM	0008146	On OLINDA RD at PIIHOLO RD	142	1.00	0.00	1.00
9/1/2010 8:45:59 AM	0008159	HANA HY 360	142	0.00	0.50	0.50
9/1/2010 5:05:17 PM	0008176	On MAUI LANI PARKWAY RD at KUIHELANI HWY	171A	0.50	0.00	0.50
9/2/2010 9:15:17 AM	0008201	MM 6 Hana Hwy	142	0.10	0.00	0.10
9/3/2010 12:29:37 PM	0008237	On HOKIOKIO PL at HONOAPIILANI HWY	142	0.00	8.00	8.00
9/6/2010 12:27:03 PM	0008341	On PAPALAU ST at WAINEE ST	140	0.00	0.01	0.01
9/6/2010 4:27:26 PM	0008355	On HOKIOKIO PL at HONOAPIILANI HWY	142	0.00	0.01	0.01
9/8/2010 1:27:41 PM	0008397	1850 HONOAPIILANI Hwy	142	0.00	0.50	0.50
9/11/2010 2:23:18 AM	0008499	On HANA HWY at HONOPOU RD	142	0.00	0.10	0.10
9/11/2010 1:41:59 PM	0008515	On MOOMOMI AVE at NENEHANAUPO AVE	142	0.00	0.10	0.10
9/11/2010 2:48:06 PM	0008520	33 HOOLAWA Rd	142	0.10	0.00	0.10
9/14/2010 10:40:22 PM	0008624	ALAWAI Rd	142	0.00	0.10	0.10
9/15/2010 7:15:00 AM	0008627	ALAWAI Rd	142	0.00	0.10	0.10
9/16/2010 10:59:33 AM	0008667	ALAWAI Rd	142	0.01	0.00	0.01
9/19/2010 7:29:10 PM	0008770	On STABLE RD at HANA HWY	171A	0.00	1.00	1.00
9/23/2010 4:41:00 AM	0008867	1650 KAAHUMANU Ave	142	0.00	0.01	0.01
9/23/2010 5:13:35 AM	0008868	WAHINE PIO Ave	142	0.00	0.01	0.01
9/23/2010 9:18:07 AM	0008876	On HANSEN RD at HANA HWY	171A	0.01	0.00	0.01
9/25/2010 1:59:28 PM	0008943	On Omaopio Rd at Pulehu Rd	142	0.00	1.00	1.00
10/1/2010 1:10:14 AM	0009128	On KUIHELANI HWY at MAUI LANI PARKWAY RD	142	0.02	0.00	0.02
10/1/2010 11:47:01 AM	0009140	HONOAPIILANI Hwy	142	0.00	0.75	0.75
10/2/2010 2:16:58 AM	0009164	On HONOAPIILANI HWY at SHAW ST	142	0.00	0.01	0.01
10/2/2010 10:03:47 AM	0009180	245 SHAW St	142	0.00	0.01	0.01
10/3/2010 6:57:11 PM	0009228	200 HALEWAIU Rd	142	0.25	0.00	0.25
10/3/2010 8:32:36 PM	0009235	200 HALEWAIU Rd	142	0.50	0.00	0.50

47

5

10/5/2010 10:00:03 PM	0009313	On FRONT ST at Kenui ST	142	0.00	0.25	0.25
10/6/2010 8:13:15 AM	0009318	1221 HONOAPIILANI Hwy	142	0.00	0.01	0.01
10/7/2010 11:17:29 AM	0009363	MAKENA Rd	142	0.00	0.05	0.05
10/9/2010 10:04:33 AM	0009429	3660 LOWER HONOAPIILANI Rd	142	1.00	0.00	1.00
10/11/2010 1:04:10 PM	0009513	10200 KUIHELANI Hwy	143	0.00	0.01	0.01
10/14/2010 5:12:44 PM	0009630	ALAWAI Rd	142	0.01	0.00	0.01
10/16/2010 1:55:25 PM	0009686	On S PUUNENE AVE at MOKULELE HWY	171A	0.01	0.00	0.01
10/22/2010 1:39:17 AM	0009882	On HONOAPIILANI HWY at HOKIOKIO PL	142	0.00	0.10	0.10
10/25/2010 6:21:23 AM	0009995	BALDWIN AVE	142	0.50	0.00	0.50
10/27/2010 4:30:15 PM	0010072	On KAHEKILI HWY at MAKAAALA DR	142	0.00	0.10	0.10
10/28/2010 1:30:52 PM	0010111	HANA HWY	142	0.00	0.01	0.01
10/30/2010 3:05:46 PM	0010196	61 S KIHEI Rd	142	0.01	0.00	0.01
10/31/2010 1:48:29 PM	0010230	On MOKULELE HWY at KAMAAINA RD	143	0.01	0.00	0.01
11/2/2010 5:23:50 PM	0010314	Along 9th fairway Maui Lani Golf Course	142	0.00	0.01	0.01
11/11/2010 12:23:48 PM	0010675	PIILANI HWY	140	0.00	0.20	0.20
11/14/2010 3:14:55 AM	0010775	Waiehu Beach Rd	142	0.00	0.10	0.10
11/17/2010 12:45:42 AM	0010860	660 LONO Ave	142	0.00	0.25	0.25
11/21/2010 4:00:41 PM	0011057	1850 S KIHEI RD	143	0.01	0.00	0.01
11/22/2010 3:33:09 PM	0011086	On MOKULELE HWY at HANSEN RD	143	0.01	0.00	0.01
11/22/2010 8:48:00 PM	0011098	On MAUI LANI PARKWAY RD at S KAMEHAMEHA AVE	142	0.25	0.00	0.25
11/22/2010 10:37:56 PM	0011104	On S KAMEHAMEHA AVE at MAUI LANI PARKWAY RD	142	0.10	0.00	0.10
11/27/2010 12:39:13 PM	0011265	1333 MAUI LANI PARKWAY Rd	142	0.25	0.00	0.25
12/1/2010 4:44:18 PM	0011413	2000 MOKULELE Hwy	143	0.01	0.00	0.01
12/3/2010 6:37:01 PM	0011479	12500 E KAMEHAMEHA V Hwy	142	0.00	1.00	1.00
12/4/2010 2:39:57 PM	0011510	65 HULUMANU PI	142	0.00	1.00	1.00
12/4/2010 2:44:30 PM	0011511	10850 HONOAPIILANI Hwy	143	0.01	0.00	0.01
12/4/2010 6:08:28 PM	0011519	MP 36.5 HONOAPIILANI Hwy	142	0.00	1.00	1.00
1/1/2011 3:11:41 PM	0000028	577 Lauhoana PI	142	0.05	0.00	0.05
1/1/2011 3:46:00 PM	0000032	137 Ipukula Way	142	0.01	0.00	0.01
1/4/2011 4:00:51 PM	0000160	2000 MOKULELE Hwy	143	0.01	0.00	0.01
1/8/2011 12:55:01 AM	0000295	On ALANUI KE ALII RD at NORTH - SOUTH COLLEC	143	0.00	0.01	0.01
1/9/2011 11:35:58 AM	0000342	11000 HANA HY 360	142	0.01	0.00	0.01
1/10/2011 10:55:42 AM	0000381	754 FRONT St	140	0.00	0.01	0.01
1/10/2011 1:35:08 PM	0000388	In rear of 175 E LIPOA St	142	0.01	0.00	0.01
1/23/2011 8:07:07 AM	0000901	On DICKENSON ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
1/25/2011 7:31:32 PM	0001011	On KAUNAKAKAI RD at HOAWA RD	142	0.00	0.02	0.02
2/1/2011 6:13:14 PM	0001233	PUNA Rd	171A	1.00	0.00	1.00
2/8/2011 12:53:14 AM	0001486	On PIILANI HWY at KULANIHAKOI ST	143	0.00	0.01	0.01
2/10/2011 3:08:06 PM	0001610	48 NONOHE PI	142	0.00	0.25	0.25
2/16/2011 5:36:48 PM	0001856	108 LEIE St	142	0.00	0.10	0.10
2/16/2011 5:42:45 PM	0001858	108 LEIE St	142	0.01	0.00	0.01
2/20/2011 11:04:04 PM	0002046	281 DICKENSON St	142	0.00	0.10	0.10
2/22/2011 12:24:03 PM	0002099	MP-30 Honoapiilani Hwy	143	0.00	0.01	0.01
3/2/2011 8:50:34 PM	0002468	On BALDWIN AVE at HOLOMUA RD	171A	0.00	5.00	5.00

201
17

6

3/17/2011 10:14:10 AM	0003071	On PIILANI HWY at KANANI RD	142	0.50	0.00	0.50
3/17/2011 11:19:46 AM	0003073	2060 KANAKANUI Rd	142	0.05	0.00	0.05
3/20/2011 7:03:52 PM	0003190	On N MARKET ST at PIIHANA RD	142	0.15	0.00	0.15
3/24/2011 5:03:30 PM	0003349	ONE ALII PK	140	0.01	0.00	0.01
3/25/2011 3:30:49 PM	0003383	On PIILANI HWY Hwy at KEALA PI	142	5.00	0.00	5.00
3/26/2011 10:59:00 AM	0003417	192 MOOMOMI Ave	142	0.00	0.25	0.25
3/28/2011 6:04:20 AM	0003500	260 KAMA St	140	0.01	0.00	0.01
3/28/2011 6:36:59 PM	0003533	On MOKULELE HWY at HANSEN RD	171A	0.01	0.00	0.01
3/31/2011 1:09:56 PM	0003627	10200 N KIHEI Rd	143	0.02	0.00	0.02
4/1/2011 8:23:03 PM	0003694	On Pulehu Rd at Omaopio Rd	171A	0.25	0.00	0.25
4/4/2011 11:38:37 AM	0003794	850 W MOKUEA PI	142	0.10	0.00	0.10
4/14/2011 1:22:05 PM	0004156	1760 HONOAPIILANI Hwy	142	0.00	0.01	0.01
4/14/2011 4:22:04 PM	0004169	10300 MAUNALOA Hwy	142	0.01	0.00	0.01
4/23/2011 5:11:00 PM	0004506	664 PIO Dr	140	0.10	0.00	0.10
4/27/2011 10:02:11 AM	0004626	22 E WAIKO Rd	142	0.01	0.00	0.01
4/28/2011 5:53:29 AM	0004652	On ULALENA LOOP at HANA HWY	142	0.10	0.00	0.10
5/2/2011 4:27:00 PM	0004810	On PULEHU RD at N FIREBREAK RD	170	0.00	5.00	5.00
5/4/2011 8:29:19 PM	0004900	820 OLOWALU Rd	141	0.00	12.00	12.00
5/9/2011 6:50:32 PM	0005084	475 Nipo PI	142	0.02	0.00	0.02
5/12/2011 12:55:59 PM	0005189	1100 NANIHOKU PI	142	0.00	0.25	0.25
5/13/2011 4:48:28 AM	0005218	519 BALDWIN Ave	143	0.00	0.01	0.01
5/14/2011 1:22:28 AM	0005268	955 BALDWIN Ave	171A	0.00	10.00	10.00
5/18/2011 1:54:53 PM	0005440	411 PAEOHI St	142	0.00	0.10	0.10
5/20/2011 5:49:54 PM	0005513	On S PAPA AVE at ONEHEE AVE	143	0.00	0.01	0.01
5/22/2011 9:54:02 AM	0005587	11400 KAHEKILI Hwy	142	0.00	0.15	0.15
5/22/2011 11:29:38 AM	0005592	MP30 Honoapiilani Hwy	142	0.00	0.25	0.25
5/24/2011 11:28:15 AM	0005680	MP23 Honoapiilani Hwy	142	0.00	1.00	1.00
5/24/2011 4:35:44 PM	0005687	1221 HONOAPIILANI Hwy	142	0.00	0.33	0.33
5/25/2011 3:36:50 PM	0005722	356 HUKU LII PI	142	0.50	0.00	0.50
5/26/2011 3:31:01 PM	0005755	22 E WAIKO Rd	142	0.10	0.00	0.10
5/27/2011 8:42:05 PM	0005814	STABLE Rd	142	0.01	0.00	0.01
5/29/2011 9:07:43 AM	0005869	On HONOAPIILANI HWY at FRONT ST	142	0.00	0.25	0.25
5/30/2011 2:50:07 PM	0005935	Aholo Rd	142	15.00	0.00	15.00
6/1/2011 7:55:36 PM	0006021	HONOKOHAU VALLEY Rd	142	0.00	0.25	0.25
6/10/2011 4:06:17 PM	0006339	On HONOAPIILANI HWY at PRISON ST	142	0.00	0.01	0.01
6/11/2011 2:19:41 PM	0006368	10615 MOKULELE Hwy	143	0.00	0.10	0.10
6/12/2011 1:28:01 PM	0006405	21 IKENA KAI PI	142	0.01	0.00	0.01
6/12/2011 11:45:19 PM	0006428	On MAKAAALA Dr at KAHEKILI Hwy	142	0.01	0.00	0.01
6/14/2011 12:12:11 PM	0006470	Hana Hwy	142	0.01	0.00	0.01
6/18/2011 12:04:00 PM	0006616	On HANA HWY at OILI RD	143	0.00	0.25	0.25
6/18/2011 2:32:42 PM	0006621	13000 PIILANI HY 31	142	0.00	23.00	23.00
6/20/2011 7:51:53 AM	0006684	On KEAHUA RD at HALEAKALA HWY	142	0.00	2.00	2.00
6/21/2011 11:50:32 AM	0006729	MP11 KAMEHAMEHA V Hwy	142	0.00	0.04	0.04
6/22/2011 11:43:03 PM	0006791	MP 19 HONOAPIILANI Hwy	143	0.25	0.00	0.25

23

54

6/25/2011 11:58:24 PM	0006912	1111 KAMAAINA Rd	142	0.00	2.00	2.00
6/26/2011 4:21:40 AM	0006918	540 HALEAKALA Hwy	143	0.00	4.00	4.00
6/27/2011 12:14:25 PM	0006972	MP 48 HANA HY 31	142	0.12	0.00	0.12
6/27/2011 1:41:30 PM	0006975	11200 HONOAPIILANI Hwy	141	2.00	0.00	2.00
6/28/2011 8:58:43 AM	0006994	N Kihei Rd	142	0.01	0.00	0.01
6/30/2011 6:01:31 PM	0007088	5855 LOWER HONOAPIILANI Rd	141	0.10	0.00	0.10
7/1/2011 1:57:59 PM	0007127	On HANA HWY at PULEHU RD	142	0.15	0.00	0.15
7/4/2011 2:10:12 PM	0007236	On MOKUHAU RD at KAHEKILI HWY	141	0.25	0.00	0.25
7/4/2011 7:29:59 PM	0007250	734 KOHUKOHU PI	142	0.00	0.01	0.01
7/4/2011 8:25:16 PM	0007255	2140 OLINDA Rd	142	0.00	0.01	0.01
7/4/2011 8:43:52 PM	0007257	KAHULUI BEACH Rd	142	0.01	0.00	0.01
7/4/2011 8:45:08 PM	0007258	Lealani PI	142	0.00	0.01	0.01
7/4/2011 9:02:50 PM	0007261	5 KAULANA NA PUA Cir	142	0.01	0.00	0.01
7/4/2011 9:31:53 PM	0007263	On PUUOHALA RD at KAHEKILI HWY	142	0.50	0.00	0.50
7/5/2011 10:08:24 AM	0007282	MP 17 Crater Rd	140	0.15	0.00	0.15
7/5/2011 11:54:16 AM	0007283	679 MAIKA PI	142	0.25	0.00	0.25
7/5/2011 8:45:47 PM	0007306	KANALOA Ave	140	0.01	0.00	0.01
7/9/2011 2:24:07 PM	0007468	On PIILANI Hwy at N KIHEI Rd	143	0.01	0.00	0.01
7/11/2011 6:36:43 AM	0007521	Holomua Rd	171A	9.00	0.00	9.00
7/12/2011 5:46:18 PM	0007586	11100 MAUNALOA 460 Hwy	143	0.10	0.00	0.10
7/14/2011 4:20:56 AM	0007643	Kehalea PI	142	0.00	0.25	0.25
7/14/2011 11:07:36 PM	0007674	On Honoapiilani Hwy at Fleming Rd	142	0.01	0.00	0.01
7/15/2011 2:30:40 AM	0007677	On Iao Valley Rd at S Alu Rd	143	0.10	0.00	0.10
7/20/2011 3:16:40 PM	0007848	On KUMUKAHI ST at KUIALUA ST	142	0.01	0.00	0.01
7/25/2011 4:13:18 AM	0007998	2830 HANA Hwy	142	0.50	0.00	0.50
7/26/2011 1:08:17 AM	0008035	660 LONO Ave	142	0.10	0.00	0.10
7/28/2011 12:06:14 PM	0008141	540 HALEAKALA Hwy	142	0.01	0.00	0.01
7/28/2011 8:47:03 PM	0008160	11900 HONOAPIILANI Hwy	142	0.01	0.00	0.01
7/30/2011 11:45:10 PM	0008236	607 PRISON St	142	0.25	0.00	0.25
7/31/2011 12:27:46 AM	0008240	On E WAIKO RD at KUIHELANI HWY	142	0.10	0.00	0.10
8/2/2011 6:04:41 AM	0008304	On KAAE RD at WAIIEHU BEACH RD	142	0.01	0.00	0.01
8/4/2011 8:40:57 AM	0008381	KEOPUOLANI PARK Dr	142	0.00	0.25	0.25
8/5/2011 10:58:58 PM	0008439	KUIHELANI Hwy	142	0.01	0.00	0.01
8/7/2011 1:32:53 AM	0008484	On KAHEKILI HWY at WAIIEHU BEACH RD	142	0.50	0.00	0.50
8/7/2011 10:59:21 PM	0008532	On KULA Hwy at Lower Kula Rd	140	0.01	0.00	0.01
8/9/2011 8:35:23 PM	0008600	On HOKIOKIO PL at HONOAPIILANI HWY	142	0.00	0.10	0.10
8/10/2011 9:57:12 AM	0008618	1600 BALDWIN Ave	142	0.50	0.00	0.50
8/10/2011 12:44:10 PM	0008625	On MOKULELE HWY at PIILANI HWY	143	0.00	0.50	0.50
8/10/2011 3:21:23 PM	0008632	1333 MAUI LANI Pkwy	142	0.20	0.00	0.20
8/11/2011 1:55:33 AM	0008645	2701 MOKULELE Hwy	142	0.00	0.01	0.01
8/11/2011 7:18:38 PM	0008668	KANALOA Ave	142	0.25	0.00	0.25
8/12/2011 1:32:00 PM	0008693	On N KIHEI Rd at PIILANI Hwy	143	0.01	0.00	0.01
8/12/2011 2:41:36 PM	0008694	On N KIHEI Rd at PIILANI Hwy	143	0.01	0.00	0.01
8/17/2011 12:48:34 PM	0008838	10100 KALAE 470 Hwy	142	0.01	0.00	0.01

21

8/19/2011 8:42:30 PM	0008913	11 MAALAEA BOAT HARBOR Rd	142	0.01	0.00	0.01
8/22/2011 3:28:33 PM	0009001	On KAI HELE KU ST at HONOAPIILANI HWY	142	0.00	4.00	4.00
8/22/2011 11:47:52 PM	0009015	3626 LOWER HONOAPIILANI Rd	140	0.00	0.01	0.01
8/23/2011 3:02:10 AM	0009018	On ALANUI KE ALII at PIILANI HWY	142	0.00	0.01	0.01
8/23/2011 1:22:14 PM	0009035	MP3 MAUNALOA HY 460	142	0.00	30.00	30.00
8/23/2011 7:01:12 PM	0009051	MP14 MAUNALOA HY 460	142	0.00	0.10	0.10
8/25/2011 1:23:34 AM	0009095	On KAMAAINA RD at MOKULELE HWY	171A	3.00	0.00	3.00
8/25/2011 5:03:29 PM	0009119	On HONOAPIILANI HWY at SHAW ST	142	0.00	0.01	0.01
8/26/2011 3:01:59 AM	0009137	On E WAIKO Rd at Walale Rd	142	0.00	0.25	0.25
8/26/2011 6:38:21 PM	0009163	On MAUNALOA Hwy at S KIAPA St	142	0.10	0.00	0.10
8/28/2011 12:38:04 AM	0009231	On E WAIKO RD at HONOAPIILANI HWY	142	0.00	0.12	0.12
8/29/2011 1:36:04 AM	0009274	Kanakanui Rd	143	0.10	0.00	0.10
8/29/2011 3:03:41 PM	0009293	11400 KAHEKILI Hwy	142	0.00	0.50	0.50
8/31/2011 6:19:24 AM	0009350	On PIILANI HWY at E WELAKAHAO RD	143	0.10	0.00	0.10
9/2/2011 10:19:09 AM	0009431	4505 HANA Hwy	142	0.20	0.00	0.20
9/2/2011 4:54:30 PM	0009452	298 KENOLIO Rd	142	0.01	0.00	0.01
9/4/2011 2:53:09 PM	0009531	30 MANAO KALA St	142	0.00	0.01	0.01
9/5/2011 8:32:39 PM	0009580	12400 PIILANI HY	142	0.00	2.25	2.25
9/7/2011 8:52:46 AM	0009633	642 LANIOLU PI	141	0.01	0.00	0.01
9/7/2011 1:28:34 PM	0009644	On KAMEHAMEHA V HWY at ALANUI KAIMIIE ST	142	0.00	0.05	0.05
9/7/2011 2:06:59 PM	0009646	On HAIKU RD at HANA HY 36	142	1.00	0.00	1.00
9/8/2011 3:24:32 PM	0009682	Kanaloa Ave	142	2.00	0.00	2.00
9/8/2011 5:16:10 PM	0009686	Baldwin Ave	171A	0.00	3.00	3.00
9/10/2011 7:09:02 PM	0009769	MP10 Maunaloa Hwy	141	0.10	0.00	0.10
9/12/2011 11:45:38 PM	0009836	608 AKAKUU PI	142	0.02	0.00	0.02
9/13/2011 8:13:43 AM	0009847	MP -5 MOKULELE Hwy	142	0.00	0.10	0.10
9/16/2011 2:45:45 PM	0009974	On MOI PL at PIILANI HWY	143	0.00	0.10	0.10
9/16/2011 7:43:32 PM	0009982	300 MAKANI Rd	142	0.00	0.01	0.01
9/18/2011 1:10:24 PM	0010049	On OHUKAI RD at PIILANI HWY	143	0.00	0.01	0.01
9/19/2011 1:11:53 PM	0010079	On HONOAPIILANI Hwy at DICKENSON Rd	142	0.01	0.00	0.01
9/20/2011 6:34:25 PM	0010112	1299 MALAIHI Rd	142	0.50	0.00	0.50
9/20/2011 10:29:01 PM	0010120	1299 MALAIHI Rd	142	0.01	0.00	0.01
9/22/2011 9:16:29 PM	0010187	On KAMAAINA RD at MOKULELE HWY	143	0.00	0.01	0.01
9/25/2011 11:54:12 AM	0010290	643 LOWER KIMO Dr	143	0.00	0.25	0.25
9/25/2011 10:12:35 PM	0010303	On MOKULELE Hwy at CANE HAUL CROSSING Rd	171A	0.00	100.00	100.00
9/26/2011 1:04:20 AM	0010308	Akahele St	141	0.00	73.00	73.00
9/26/2011 10:22:46 AM	0010315	5400 MAKENA ALANUI Rd	142	0.00	0.10	0.10
9/26/2011 4:22:52 PM	0010327	Mokulele Hwy	143	0.00	0.01	0.01
9/28/2011 10:51:09 AM	0010388	2000 MOKULELE Hwy	143	0.01	0.00	0.01
9/28/2011 9:57:48 PM	0010409	PULEHU Rd	171A	3.50	0.00	3.50
9/29/2011 1:54:10 PM	0010437	On MOKULELE HWY at N KIHEI RD	143	0.20	0.00	0.20
9/29/2011 4:10:26 PM	0010443	On PIILANI HWY at MOKULELE HWY	142	0.01	0.00	0.01
9/29/2011 4:30:00 PM	0010445	On PIILANI HWY at UWAPO RD	142	0.01	0.00	0.01
9/29/2011 4:34:40 PM	0010446	On PIILANI HWY at MOKULELE HWY	142	0.00	0.01	0.01

220

4

9/30/2011 1:23:36 PM	0010474	On HONOAPIILANI HWY at SHAW ST	142	0.00	0.01	0.01
9/30/2011 6:33:53 PM	0010487	On HAUAKEA AVE at KALUA KOI RD	142	20.00	0.00	20.00
10/3/2011 12:23:56 PM	0010585	10400 MAUNALOA Hwy	142	0.01	0.00	0.01
10/4/2011 4:33:06 PM	0010631	HANAKAOO BEACH PARK Rd	142	0.00	1.50	1.50
10/8/2011 3:22:54 PM	0010773	5855 LOWER HONOAPIILANI Rd	142	0.25	0.00	0.25
10/9/2011 3:43:50 PM	0010808	On SHAW ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
10/10/2011 11:35:12 AM	0010833	On HUAHI Rd at MAUNALOA Hwy	142	5.00	0.00	5.00
10/11/2011 11:39:22 AM	0010869	On HUAHI RD at MAUNALOA HWY	142	2.00	0.00	2.00
10/12/2011 4:07:22 PM	0010917	1 HANSEN Rd	143	0.01	0.00	0.01
10/13/2011 8:58:57 AM	0010939	105 PAUWELA Rd	142	0.10	0.00	0.10
10/13/2011 11:31:51 AM	0010944	1860 HONOAPIILANI Hwy	143	0.00	0.10	0.10
10/14/2011 10:55:41 AM	0010979	Hana Hwy	140	0.00	0.01	0.01
10/15/2011 1:33:21 PM	0011025	On HONOAPIILANI HWY at N KIHEI RD	142	0.00	5.00	5.00
10/16/2011 8:41:30 AM	0011063	41 W HAWAII St	142	0.75	0.00	0.75
10/16/2011 1:42:24 PM	0011073	On W HAWAII ST at HINA AVE	142	0.01	0.00	0.01
10/17/2011 4:54:58 PM	0011107	208 Mauna PI	142	0.01	0.00	0.01
10/18/2011 10:57:26 AM	0011128	325 Makaena PI	142	2.00	0.00	2.00
10/18/2011 2:23:58 PM	0011138	Kala Rd	171A	0.00	6.30	6.30
10/18/2011 6:38:42 PM	0011150	On HALEAKALA HWY at KALA RD	171A	0.01	0.00	0.01
10/19/2011 1:28:09 PM	0011174	MP 23 Honoapilani Hwy	143	0.50	0.00	0.50
10/19/2011 11:44:31 PM	0011190	On HONOAPIILANI Hwy at Hokiokio PI	142	0.01	0.00	0.01
10/20/2011 4:06:13 AM	0011195	On Honoapilani Hwy at Front St	142	0.01	0.00	0.01
10/20/2011 8:46:37 PM	0011220	8231 KAMEHAMEHA V Hwy	142	0.25	0.00	0.25
10/21/2011 1:09:12 PM	0011253	2746 AKALANI Loop	142	0.00	1.00	1.00
10/24/2011 4:51:19 AM	0011356	On KALA RD at HANA HWY	142	0.01	0.00	0.01
10/24/2011 9:12:39 AM	0011363	PULEHU Rd	142	0.00	0.01	0.01
10/26/2011 10:46:00 AM	0011443	10750 HONOAPIILANI Hwy	142	0.01	0.00	0.01
10/26/2011 11:36:58 AM	0011446	121 KULA Hwy	142	0.00	1.00	1.00
10/27/2011 1:26:56 PM	0011490	Pulehu Rd	171A	0.25	0.00	0.25
10/27/2011 4:37:54 PM	0011492	11300 HANA Hwy	142	0.25	0.00	0.25
10/29/2011 3:56:52 PM	0011556	On S PUUNENE AVE at DAIRY RD	143	0.00	0.01	0.01
10/29/2011 4:40:03 PM	0011558	On HANA HWY at HALEAKALA HWY	170	0.00	10.00	10.00
10/30/2011 1:28:53 PM	0011585	On LELEPIO PL at HALEAKALA HWY	171A	0.00	0.01	0.01
11/1/2011 2:39:34 PM	0011674	201 KANALOA Ave	142	0.02	0.00	0.02
11/2/2011 12:00:24 PM	0011702	On LELEPIO PL at HALEAKALA HWY	171	0.00	0.01	0.01
11/6/2011 12:39:19 AM	0011830	Nihi Pali St	142	0.00	1.00	1.00
11/7/2011 6:31:12 PM	0011882	2000 MOKULELE Hwy	142	0.00	0.05	0.05
11/8/2011 1:33:09 AM	0011890	On MAKENA RD at MAKENA ALANUI RD	140	0.00	0.01	0.01
11/9/2011 12:16:33 PM	0011933	On N KIHEI RD at MOKULELE HWY	143	0.00	0.01	0.01
11/9/2011 12:43:25 PM	0011934	32 Maunaloa Hwy	142	0.01	0.00	0.01
11/10/2011 2:19:43 PM	0011977	On HONOAPIILANI HWY at SHAW ST	142	0.00	0.01	0.01
11/13/2011 8:29:11 PM	0012107	63 KALOLA PI	140	0.00	0.10	0.10
11/16/2011 7:53:50 PM	0012207	On MAUNALOA HWY at MAUNALOA HWY	142	0.01	0.00	0.01
11/17/2011 5:39:47 PM	0012228	MP 13 HANA HY 360	143	0.01	0.00	0.01

58

11/20/2011 1:03:35 PM	0012334	On KAHEKILI Hwy at MAKAAALA Dr	142	0.00	1.00	1.00
11/20/2011 3:15:11 PM	0012345	On S PUUNENE AVE at DAIRY RD	143	0.01	0.00	0.01
11/20/2011 9:09:37 PM	0012358	On DICKENSON ST at HONOAPIILANI HWY	140	0.01	0.00	0.01
11/28/2011 8:01:10 AM	0012639	Holomua Rd	141	0.10	0.00	0.10
12/2/2011 3:20:52 PM	0012798	On HONOAPIILANI HWY at SHAW ST	142	0.00	0.01	0.01
12/4/2011 12:02:11 AM	0012840	1670 HONOAPIILANI Hwy	142	0.25	0.00	0.25
12/9/2011 9:09:03 AM	0013003	KAHULUI BEACH Rd	142	0.50	0.00	0.50
12/14/2011 6:43:21 PM	0013211	Prison St	142	0.25	0.00	0.25
12/18/2011 2:12:58 PM	0013354	On PRISON ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
12/18/2011 5:11:58 PM	0013359	KOKOMO Rd	143	0.01	0.00	0.01
12/19/2011 3:36:03 PM	0013395	On MOKULELE HWY at N KIHEI RD	143	0.01	0.00	0.01
12/20/2011 11:22:57 AM	0013436	49 KAMAHELE PI	143	0.00	0.02	0.02
12/22/2011 2:32:49 PM	0013504	ALAWAI Rd	141	0.00	0.50	0.50
12/23/2011 6:37:56 AM	0013534	820 OLOWALU Rd	142	0.00	0.01	0.01
12/23/2011 7:13:21 AM	0013535	PUNA Rd	142	0.00	0.01	0.01
12/27/2011 5:43:44 AM	0013680	10900 HANA HY 360	142	0.00	0.50	0.50
12/29/2011 6:33:40 PM	0013779	2605 KAA NAPALI Pkwy	142	0.00	0.01	0.01
12/31/2011 3:38:29 AM	0013834	MP 17 KULA Hwy	143	0.00	0.05	0.05
1/1/2012 11:50:14 AM	0000034	360 ILIO Rd	143	0.01	0.00	0.01
1/1/2012 2:15:07 PM	0000042	346 NALANI St	143	0.01	0.00	0.01
1/1/2012 2:38:00 PM	0000044	519 BALDWIN Ave	171A	0.01	0.00	0.01
1/1/2012 2:46:38 PM	0000045	1600 BALDWIN Ave	142	0.01	0.00	0.01
1/1/2012 2:50:07 PM	0000046	On HALIIMAILE RD at BALDWIN AVE	143	1.00	0.00	1.00
1/1/2012 2:58:54 PM	0000048	HOLOMUA Rd	142	0.10	0.00	0.10
1/1/2012 3:06:55 PM	0000055	On HOLOMUA RD at BALDWIN AVE	171A	0.10	0.00	0.10
1/1/2012 5:23:54 PM	0000057	4240 ALIIKOA PI	143	0.10	0.00	0.10
1/1/2012 9:53:02 PM	0000069	On KUIHELANI HWY at MAUI LANI PKWY	142	0.01	0.00	0.01
1/5/2012 11:25:07 AM	0000198	Kamehameha Hwy	142	1.00	0.00	1.00
1/9/2012 3:26:25 PM	0000370	201 KEONEKAI Rd	142	0.00	0.01	0.01
1/11/2012 3:02:55 PM	0000437	On DICKENSON ST at HONOAPIILANI HWY	142	0.00	0.25	0.25
1/13/2012 5:47:00 PM	0000512	On S PUUNENE AVE at HOOKELE ST	143	0.00	0.01	0.01
1/14/2012 3:27:27 PM	0000553	On KEKAULIKE AVE at KULA HWY	142	0.00	0.01	0.01
1/16/2012 1:20:09 AM	0000614	1 RITZ CARLTON Dr	142	0.25	0.00	0.25
1/16/2012 9:28:28 PM	0000649	On N KIHEI RD at S KIHEI RD	142	0.00	0.50	0.50
1/17/2012 12:24:18 AM	0000655	On S KIHEI RD at N KIHEI RD	142	0.00	0.10	0.10
1/17/2012 1:14:08 AM	0000656	On PIILANI HWY at UWAPO RD	142	0.10	0.00	0.10
1/19/2012 5:36:07 PM	0000779	900 HALIIMAILE Rd	142	0.01	0.00	0.01
1/20/2012 11:12:40 AM	0000804	MALIKO BAY Rd	142	0.00	0.25	0.25
1/21/2012 4:40:51 PM	0000863	MP 28 PIILANI HY 31	142	0.00	30.00	30.00
1/21/2012 4:54:28 PM	0000866	Sunnyside Rd	142	0.10	0.00	0.10
1/26/2012 3:58:46 PM	0001045	On FRASER Ave at 10TH St	142	0.25	0.00	0.25
1/27/2012 3:09:22 PM	0001081	On KALAE HWY at MAUNALOA HWY	142	0.01	0.00	0.01
1/28/2012 11:22:16 AM	0001111	On KALAE HWY at MAUNALOA HWY	142	0.10	0.00	0.10
1/28/2012 3:10:11 PM	0001121	On LAUNUI ST at KEONELELE AVE	142	0.25	0.00	0.25

1/20/12
25

2/20/12
25

3/25

1/29/2012 9:38:23 AM	0001148	On LAUNUI ST at PINE AVE	142	0.01	0.00	0.01
1/29/2012 1:05:28 PM	0001154	327 HOOMALU Dr	142	0.00	150.00	150.00
1/29/2012 1:27:20 PM	0001158	On SHAW ST at HONOAPIILANI HWY	143	0.00	0.01	0.01
1/30/2012 8:17:18 AM	0001195	1790 KAMEHAMEHA V Hwy	142	0.00	0.01	0.01
2/1/2012 11:59:29 AM	0001292	On LAUNUI ST at KEONELELE AVE	142	0.00	3.00	3.00
2/1/2012 1:35:08 PM	0001298	On HOOMALU DR at KAHIIWA ST	142	0.00	0.01	0.01
2/2/2012 12:04:44 PM	0001335	On HONOAPIILANI HWY at PRISON ST	140	0.00	0.01	0.01
2/4/2012 10:20:15 AM	0001406	10443 MAUNALOA Hwy	142	0.10	0.00	0.10
2/4/2012 11:56:41 AM	0001409	955 HAENA St	142	0.00	0.01	0.01
2/4/2012 12:02:49 PM	0001410	844 Kokomo Rd	141	0.01	0.00	0.01
2/5/2012 3:40:20 PM	0001459	11950 HONOAPIILANI Hwy	142	0.00	0.25	0.25
2/8/2012 4:57:04 PM	0001588	Holomua Rd	141	0.10	0.00	0.10
2/9/2012 9:21:07 AM	0001602	On HONOKALANI RD at HANA HWY	142	0.01	0.00	0.01
2/10/2012 12:11:56 PM	0001645	61 S KIHEI Rd	142	0.00	0.02	0.02
2/10/2012 1:22:25 PM	0001647	On SHAW ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
2/11/2012 3:00:31 PM	0001698	200 HALEWAIU Rd	140	0.01	0.00	0.01
2/13/2012 4:04:27 PM	0001761	BALDWIN AVE	142	0.10	0.00	0.10
2/18/2012 12:43:35 PM	0001947	On HALEAKALA HWY at KEAHUA RD	142	0.00	0.01	0.01
2/20/2012 1:46:40 PM	0002040	130 S PUUNENE Ave	143	0.01	0.00	0.01
2/21/2012 7:18:04 AM	0002061	Hana Hwy	142	0.10	0.00	0.10
2/21/2012 3:32:17 PM	0002081	871 LAHAINALUNA Rd	142	0.00	0.01	0.01
2/21/2012 10:45:55 PM	0002095	On DICKENSON ST at Honoapiilani Hwy	142	0.00	0.01	0.01
3/5/2012 2:33:22 AM	0002602	PULEHU Rd	142	0.01	0.00	0.01
3/10/2012 2:33:20 PM	0002840	On Haleakala Hwy at Kealahua Ave	143	0.01	0.00	0.01
3/12/2012 6:34:55 PM	0002939	245 SHAW St	142	0.00	0.25	0.25
3/16/2012 4:16:37 PM	0003075	On PIILANI HWY at Keonekai Rd	143	0.00	0.01	0.01
3/17/2012 6:06:26 AM	0003102	HOLOMUA Rd	142	0.00	0.50	0.50
3/20/2012 2:20:59 PM	0003267	198 MEHANI Cir	142	0.10	0.00	0.10
3/23/2012 12:48:42 AM	0003370	Prison St	142	0.05	0.00	0.05
3/23/2012 9:41:47 PM	0003400	On LILOA Dr at Halekuai St	142	0.05	0.00	0.05
3/28/2012 1:30:38 PM	0003561	On E WELAKAHAA RD at E Welakahao	142	0.00	0.25	0.25
3/29/2012 6:27:09 PM	0003613	On HANA HWY at Stable Rd	143	0.01	0.00	0.01
3/31/2012 10:18:57 AM	0003678	STABLE Rd	141	20.00	0.00	20.00
3/31/2012 4:08:10 PM	0003694	10650 HANA HY 36	142	0.01	0.00	0.01
4/1/2012 8:57:03 AM	0003718	2844 W E LELEHUNA PL	140	0.00	0.01	0.01
4/1/2012 10:03:03 PM	0003750	1100 MAKAWAO Ave	142	0.00	0.01	0.01
4/3/2012 11:45:10 AM	0003820	PIIHANA RD	142	0.00	0.50	0.50
4/3/2012 5:54:31 PM	0003840	On KUMULANI DR at Launa	142	0.25	0.00	0.25
4/5/2012 11:19:16 AM	0003890	593 STABLE Rd	141	0.01	0.00	0.01
4/9/2012 8:12:49 AM	0004027	HANEOO RD	142	0.01	0.00	0.01
4/9/2012 7:18:35 PM	0004041	2271 MOKUHAU Rd	143	0.10	0.00	0.10
4/11/2012 10:27:03 PM	0004123	HANA HWY	140	0.00	0.01	0.01
4/14/2012 8:52:01 AM	0004206	11300 MAUNALOA HY 460	142	0.04	0.00	0.04
4/15/2012 6:35:53 PM	0004257	HOLOMUA Rd	142	0.00	0.10	0.10

125

4/16/2012 7:08:12 AM	0004268	HOLOMUA Rd	142	0.01	0.00	0.01
4/17/2012 10:53:42 AM	0004331	884 W MOKUEA PI	140	0.01	0.00	0.01
4/17/2012 3:34:50 PM	0004342	On S KIHEI RD at N Kihei Road	143	0.01	0.00	0.01
4/17/2012 6:01:35 PM	0004348	1345 HAIKU Rd	142	0.20	0.00	0.20
4/18/2012 1:30:10 PM	0004380	STABLE RD	142	0.01	0.00	0.01
4/18/2012 2:53:44 PM	0004383	Hahana Rd	142	3.00	0.00	3.00
4/20/2012 2:53:21 PM	0004450	On PIILANI HWY at Heona PI	142	0.00	0.01	0.01
4/23/2012 2:27:27 PM	0004567	MP 18 HONOAPIILANI Hwy	143	0.10	0.00	0.10
4/25/2012 1:54:35 PM	0004649	67 Will O Kai	143	0.01	0.00	0.01
4/25/2012 10:50:39 PM	0004667	MP 5.5 Haleakala Hwy	171A	3.00	0.00	3.00
4/26/2012 10:46:50 PM	0004700	BALDWIN Ave	171A	1.00	0.00	1.00
4/27/2012 11:25:00 AM	0004705	100 Dairy Rd Rd	142	0.01	0.00	0.01
4/28/2012 3:02:17 PM	0004752	On OMAPIO Rd at Pulehu Rd	143	0.05	0.00	0.05
4/29/2012 7:28:01 PM	0004791	Holomua Rd	141	0.01	0.00	0.01
4/30/2012 7:05:09 AM	0004799	Holomua Rd	140	0.01	0.00	0.01
5/2/2012 11:52:25 AM	0004891	2701 MOKULELE Hwy	143	0.01	0.00	0.01
5/4/2012 2:00:31 PM	0004938	2000 MOKULELE Hwy	143	0.01	0.00	0.01
5/4/2012 2:15:46 PM	0004939	E KAMEHAMEHA AVE	143	0.01	0.00	0.01
5/6/2012 4:49:15 PM	0005020	On Mokulele Hwy at Piilani Hwy	143	0.20	0.00	0.20
5/7/2012 4:48:16 PM	0005057	KANALOA Ave	142	0.00	0.01	0.01
5/8/2012 2:14:50 AM	0005089	1019 MALAIHI Rd	142	0.00	0.01	0.01
5/8/2012 10:00:46 PM	0005099	10300 KALAE HY 470	141	0.00	0.10	0.10
5/9/2012 10:50:06 AM	0005114	MOKULELE HWY	142	0.01	0.00	0.01
5/9/2012 11:23:42 PM	0005145	263 LAHAINALUNA Rd	142	0.00	0.12	0.12
5/11/2012 4:21:32 PM	0005199	KEOPUOLANI PARK Dr	142	0.12	0.00	0.12
5/11/2012 6:41:53 PM	0005205	Haliimaile Rd	171A	1.00	0.00	1.00
5/11/2012 10:47:59 PM	0005212	On HONOAPIILANI HWY at Shaw St	142	0.01	0.00	0.01
5/12/2012 7:32:35 PM	0005246	MP 21 Honoapiilani Hwy	142	0.00	0.01	0.01
5/14/2012 4:21:21 PM	0005333	13600 HONOAPIILANI Hwy	142	0.00	0.25	0.25
5/14/2012 10:00:26 PM	0005348	240 PAPALAU A St	142	0.00	0.10	0.10
5/15/2012 9:05:08 AM	0005356	256 PAPALAU A St	142	0.01	0.00	0.01
5/16/2012 11:09:28 AM	0005405	HOLOMUA RD	171A	25.00	0.00	25.00
5/16/2012 5:23:28 PM	0005419	HOLOMUA Rd	142	0.01	0.00	0.01
5/17/2012 3:03:01 AM	0005435	55 PUKALANI St	142	0.00	0.01	0.01
5/20/2012 10:27:06 PM	0005579	11 MAHAOLU St	142	1.50	0.00	1.50
5/21/2012 8:14:46 AM	0005592	11 Mahaolu St	142	1.00	0.00	1.00
5/23/2012 2:21:33 AM	0005668	On FRONT ST at Honoapiilani Hwy	142	0.25	0.00	0.25
5/24/2012 12:37:33 PM	0005726	SHAW ST	142	0.01	0.00	0.01
5/24/2012 6:46:05 PM	0005743	1300 Kamehameha V Hwy	142	0.10	0.00	0.10
5/25/2012 6:50:31 PM	0005761	On HANA HY 36 at Puna Rd Rd	142	0.00	1.00	1.00
5/28/2012 4:42:43 AM	0005866	In front of 633 7TH St	140	0.00	0.01	0.01
5/28/2012 1:33:28 PM	0005891	MP 18 HONOAPIILANI Hwy	142	0.00	0.15	0.15
5/29/2012 10:21:16 PM	0005938	1 CAMERON Way	142	0.01	0.00	0.01
5/30/2012 5:32:56 PM	0005958	75 MAKOMAKO St	142	0.01	0.00	0.01

38

6/2/2012 2:30:11 PM	0006073	1 MANELE BAY Rd	142	0.01	0.00	0.01
6/2/2012 4:21:38 PM	0006075	2435 KANAPALI Pkwy	140	0.01	0.00	0.01
6/4/2012 12:32:04 PM	0006145	MP 34 Pilihi Hwy	142	0.00	0.01	0.01
6/5/2012 11:21:57 PM	0006211	2811 KAUHALE St	140	0.00	0.01	0.01
6/6/2012 7:15:53 PM	0006243	Adjacent to MP 27 KAMEHAMEHA V Hwy	142	0.00	2.00	2.00
6/6/2012 11:56:39 PM	0006253	871 LAHAINALUNA Rd	142	0.00	0.10	0.10
6/6/2012 11:57:54 PM	0006254	On HONOAPIILANI HWY at Papalaua St	142	0.02	0.00	0.02
6/8/2012 4:11:47 PM	0006314	DAIRY RD	143	0.00	0.01	0.01
6/9/2012 3:05:13 PM	0006354	60 KENUI St	142	4.00	0.00	4.00
6/11/2012 1:47:17 AM	0006423	BALDWIN Ave	142	0.10	0.00	0.10
6/11/2012 10:06:35 AM	0006432	60 Kenui St	143	0.01	0.00	0.01
6/11/2012 3:41:17 PM	0006441	On LIKELIKE Ave at Kahiwa St	142	3.00	0.00	3.00
6/11/2012 4:05:10 PM	0006444	60 Kenui St	143	0.01	0.00	0.01
6/11/2012 5:08:52 PM	0006447	60 Kenui St	143	0.01	0.00	0.01
6/12/2012 8:39:41 AM	0006461	On LIKELIKE AVE at Kalamaulauka	142	0.01	0.00	0.01
6/13/2012 7:46:06 AM	0006489	Hana Hwy	140	0.01	0.00	0.01
6/15/2012 1:14:27 PM	0006594	858 HOOMAU St	142	0.25	0.00	0.25
6/16/2012 12:06:45 AM	0006614	121 KULA Hwy	142	0.01	0.00	0.01
6/16/2012 3:29:09 PM	0006643	On N KIHEI RD at S Kihei Rd	143	0.01	0.00	0.01
6/16/2012 8:31:30 PM	0006657	On WAIALE RD at Waiinu	142	0.50	0.00	0.50
6/18/2012 5:36:03 AM	0006697	Olinda Rd	141	0.00	8.00	8.00
6/18/2012 12:10:06 PM	0006708	Cooke Rd	142	6.00	0.00	6.00
6/19/2012 4:22:42 AM	0006737	On EHA ST St at Alua St	143	0.10	0.00	0.10
6/22/2012 4:03:58 PM	0006850	10400 MOKULELE Hwy	143	0.00	0.01	0.01
6/23/2012 12:00:41 PM	0006874	Cooke Rd	141	6.00	0.00	6.00
6/24/2012 2:02:31 PM	0006923	25 S Kahului Beach Rd	140	0.25	0.00	0.25
6/25/2012 4:54:25 PM	0006971	COOKE RD	140	0.01	0.00	0.01
6/25/2012 4:56:28 PM	0006972	MP 4 HALEAKALA HWY	142	0.10	0.00	0.10
6/26/2012 1:15:28 PM	0006992	On KAONOULU ST at Pilihi Hwy	143	0.00	0.10	0.10
6/26/2012 5:43:35 PM	0007002	On PIILANI HWY at N Kihei	142	0.00	0.01	0.01
6/26/2012 6:26:22 PM	0007003	274 COOKE Rd	141	0.00	0.01	0.01
7/2/2012 12:48:34 PM	0007213	On Haleakala Hwy at Hana Hwy	142	0.50	0.00	0.50
7/2/2012 4:28:27 PM	0007224	MP26 Pilihi Hwy	142	4.00	0.00	4.00
7/2/2012 4:39:34 PM	0007226	On HALEAKALA HWY at Hana Hwy	142	0.00	0.25	0.25
7/4/2012 2:05:50 PM	0007286	335 S PAPA Ave	142	0.01	0.00	0.01
7/4/2012 5:03:54 PM	0007293	250 IMI KALA St	142	0.01	0.00	0.01
7/4/2012 11:23:02 PM	0007309	MP 20 Honoapiilani Hwy	143	0.50	0.00	0.50
7/5/2012 8:56:27 AM	0007316	On SHAW ST at Honoapiilani Hwy	142	0.00	0.01	0.01
7/5/2012 12:57:11 PM	0007326	On MAUI LANI Pky at Kaahumanu Ave	142	1.00	0.00	1.00
7/6/2012 8:55:10 PM	0007392	1670 HONOAPIILANI Hwy	143	0.01	0.00	0.01
7/7/2012 1:33:59 PM	0007410	Mokulele Hwy	142	0.00	0.10	0.10
7/7/2012 3:11:26 PM	0007418	Maunaloa Hwy	142	0.00	0.10	0.10
7/8/2012 1:54:46 PM	0007455	E WAIKO RD	143	0.01	0.00	0.01
7/8/2012 5:37:15 PM	0007465	PUU KAPELE AVE	142	0.00	0.01	0.01

7/9/2012 7:30:30 AM	0007486	1670 HONOAPIILANI Hwy	142	0.00	0.01	0.01
7/9/2012 5:16:45 PM	0007503	MAUILANI Pky	142	0.00	0.50	0.50
7/10/2012 12:18:48 PM	0007535	4560 S KAMEHAMEHA Ave	142	0.00	0.50	0.50
7/10/2012 1:39:06 PM	0007538	On Haleakala Hwy at Halimaile Rd	143	0.01	0.00	0.01
7/10/2012 8:07:20 PM	0007551	RIVER Rd	142	0.25	0.00	0.25
7/11/2012 8:37:31 PM	0007591	2800 S KIHEI Rd	142	0.00	0.01	0.01
7/12/2012 4:03:22 PM	0007615	Holomua Rd	171A	2.00	0.00	2.00
7/13/2012 5:04:25 PM	0007664	1670 HONOAPIILANI Hwy	143	0.01	0.00	0.01
7/14/2012 12:43:13 PM	0007695	Mauli Lani Pky	142	0.25	0.00	0.25
7/14/2012 11:15:20 PM	0007712	1030 OLAPA St	142	0.02	0.00	0.02
7/15/2012 10:59:06 AM	0007730	On KUIHELANI HWY at MAUI LANI Pky	142	0.01	0.00	0.01
7/16/2012 4:38:46 PM	0007790	1221 HONOAPIILANI Hwy	142	0.00	0.03	0.03
7/17/2012 7:01:49 AM	0007806	On OKI PL at Beach Pl	142	0.01	0.00	0.01
7/21/2012 12:59:01 AM	0007933	11650 HONOAPIILANI Hwy	142	0.00	0.01	0.01
7/21/2012 11:33:10 AM	0007945	On KUIHELANI Hwy at Honoapiilani Hwy	142	5.00	0.00	5.00
7/22/2012 2:10:22 PM	0008004	Kaluakaoi Rd	142	5.00	0.00	5.00
7/25/2012 9:58:30 PM	0008157	Hanamu Rd	142	0.00	0.01	0.01
7/29/2012 3:57:55 PM	0008318	PIHAA ST	142	30.00	0.00	30.00
7/30/2012 2:55:00 PM	0008363	On Haleakala Hwy at Keahua Rd	143	0.25	0.00	0.25
7/30/2012 2:55:19 PM	0008362	MP 2.2 HALEAKALA HWY	143	0.50	0.00	0.50
7/30/2012 7:46:55 PM	0008378	On Haleakala Hwy at Keahua Rd	142	1.00	0.00	1.00
8/1/2012 3:56:20 PM	0008439	On PUUKOLII RD at Puu Hale St	142	0.00	0.10	0.10
8/2/2012 3:26:40 AM	0008459	On N MARKET ST at Mill St	143	0.01	0.00	0.01
8/2/2012 7:05:54 AM	0008461	On PUUKOLII RD at Pihaa St	142	0.00	0.01	0.01
8/3/2012 12:48:28 AM	0008488	MP 19 HONOAPIILANI Hwy	142	0.05	0.00	0.05
8/3/2012 12:49:33 PM	0008503	HOLOMUA Rd	141	0.00	0.01	0.01
8/7/2012 1:29:12 PM	0008659	On OFFICE RD at Honoapiilani Hwy	142	0.00	0.12	0.12
8/9/2012 9:48:27 AM	0008713	PULEHU RD	142	0.03	0.00	0.03
8/10/2012 2:58:00 PM	0008762	10500 MOKULELE Hwy	143	0.01	0.00	0.01
8/10/2012 9:07:34 PM	0008777	200 OLINDA Rd	140	0.01	0.00	0.01
8/13/2012 10:26:01 AM	0008859	460 KOHEO Rd	142	0.50	0.00	0.50
8/13/2012 7:08:43 PM	0008893	MP-21.5 Olinda Rd	142	0.05	0.00	0.05
8/19/2012 8:16:29 PM	0009116	1618 LOWER MAIN St	142	0.00	0.50	0.50
8/19/2012 11:52:47 PM	0009123	On Haniu at Kai Hele Ku	142	0.00	0.05	0.05
8/21/2012 5:50:56 PM	0009178	440 S KAMEHAMEHA Ave	140	0.00	0.01	0.01
8/21/2012 6:45:33 PM	0009180	MP 8 Honoapiilani Hwy	142	0.01	0.00	0.01
8/22/2012 5:16:15 PM	0009221	270 Ala Malama Ave	143	0.01	0.00	0.01
8/22/2012 5:56:38 PM	0009224	2800 S KIHEI Rd	140	0.01	0.00	0.01
8/24/2012 1:14:15 PM	0009294	1129 MOOMOMI AVE	142	0.00	1.00	1.00
8/25/2012 1:39:25 AM	0009320	Alawai Rd	142	0.10	0.00	0.10
8/25/2012 12:28:33 PM	0009336	2125 KAHEKILI Hwy	142	0.01	0.00	0.01
8/26/2012 8:31:06 AM	0009362	1395 PIIHOLO Rd	142	0.01	0.00	0.01
8/30/2012 3:08:21 PM	0009543	10340 MOKULELE Hwy	143	0.00	0.25	0.25
9/3/2012 6:37:32 PM	0009695	1/2 mile above Homelani Cemetery	142	0.00	0.05	0.05

47

9/4/2012 11:13:00 AM	0009716	On Hana Hwy at Nonohe Pl	142	0.10	0.00	0.10
9/5/2012 4:47:10 AM	0009745	910 WAINEE St	142	0.00	0.01	0.01
9/5/2012 12:27:06 PM	0009756	On HANA HWY at Pulehu Rd	142	0.01	0.00	0.01
9/11/2012 3:32:44 PM	0010014	210 KAWAILANI Cir	142	0.00	0.01	0.01
9/14/2012 7:45:40 AM	0010106	981 KAUIHIOA RD	141	0.01	0.00	0.01
9/16/2012 2:37:51 PM	0010199	10400 MOKULELE Hwy	143	0.01	0.00	0.01
9/16/2012 2:45:06 PM	0010201	11900 HONOAPIILANI Hwy	142	0.04	0.00	0.04
9/16/2012 4:16:58 PM	0010204	11900 HONOAPIILANI Hwy	142	0.01	0.00	0.01
9/16/2012 6:30:40 PM	0010211	MP 19 HONOAPIILANI Hwy	142	0.01	0.00	0.01
9/17/2012 7:05:25 PM	0010255	4245 HANA Hwy	142	0.00	0.02	0.02
9/18/2012 3:01:18 PM	0010287	121 KULA Hwy	142	0.01	0.00	0.01
9/21/2012 9:24:00 PM	0010401	535 KAUPAKALUA Rd	142	1.00	0.00	1.00
9/22/2012 1:06:07 PM	0010424	On MOKULELE HWY at Mokulele Hwy	142	0.00	1.00	1.00
9/22/2012 2:48:19 PM	0010428	263 LAHAINALUNA Rd	142	0.00	0.01	0.01
9/27/2012 3:35:06 PM	0010618	957 WAIONO PI	142	2.00	0.00	2.00
9/28/2012 7:43:10 AM	0010638	On HONOAPIILANI HWY at Shaw	142	0.00	0.01	0.01
9/28/2012 2:45:11 PM	0010656	00 Hahana Rd	142	1.00	0.00	1.00
9/29/2012 7:12:23 AM	0010681	Walono Pl	142	0.00	0.01	0.01
10/11/2012 4:13:22 PM	0011145	On PIILANI HWY at PIIKEA	143	0.01	0.00	0.01
10/12/2012 6:48:56 PM	0011189	11600 HANA HY 360	142	0.00	0.12	0.12
10/16/2012 9:15:40 AM	0011322	733 PULEHUIKI Rd	143	0.35	0.00	0.35
10/18/2012 3:16:39 PM	0011434	200 E KAMEHAMEHA Ave	143	0.00	0.01	0.01
10/20/2012 8:20:49 PM	0011517	10939 KAMEHAMEHA V Hwy	142	0.02	0.00	0.02
10/21/2012 2:05:07 PM	0011542	On HONOAPIILANI HWY at HONOKOHAU VALLEY RD	142	0.00	0.50	0.50
10/22/2012 6:22:32 AM	0011563	878 OLENA St	142	0.01	0.00	0.01
10/27/2012 1:27:11 PM	0011801	On PIIKEA AVE at MANINO CIR	142	0.00	0.01	0.01
10/28/2012 2:26:02 PM	0011847	Honopou Rd	142	0.01	0.00	0.01
10/31/2012 6:00:32 AM	0011950	10400 KAMEHAMEHA V Hwy	141	0.01	0.00	0.01
10/31/2012 6:50:21 PM	0011972	244 Hoomalu Dr	143	0.01	0.00	0.01
11/1/2012 5:16:51 PM	0012012	On LILOA DR at PIIKEA AVE	143	0.01	0.00	0.01
11/2/2012 3:06:40 PM	0012050	On OLD HALEAKALA HWY at HALEAKALA HWY	142	0.33	0.00	0.33
11/5/2012 12:17:31 AM	0012144	Hana Hwy	142	0.10	0.00	0.10
11/5/2012 3:00:05 PM	0012167	On LAHAINALUNA RD at HONOAPIILANI HWY	142	0.00	0.01	0.01
11/5/2012 4:41:58 PM	0012172	On HALEAKALA HWY at QUARRY RD	143	0.00	0.01	0.01
11/6/2012 1:47:48 AM	0012188	KUIHELANI HWY	142	0.00	0.10	0.10
11/7/2012 3:35:04 PM	0012239	On HOAWA RD at MAUNALOA HWY	142	0.00	0.01	0.01
11/8/2012 9:06:50 PM	0012299	12800 HANA HY 360	142	0.10	0.00	0.10
11/17/2012 1:20:36 PM	0012639	Hana Hwy	142	0.10	0.00	0.10
11/21/2012 2:58:11 PM	0012792	37 PUKIKI PI	142	0.00	0.01	0.01
11/22/2012 2:23:39 AM	0012819	1840 HONOAPIILANI Hwy	142	0.00	0.01	0.01
11/23/2012 8:17:27 AM	0012853	On WAIHEE VALLEY RD at KAHEKILI HWY	141	0.00	0.01	0.01
11/23/2012 8:54:39 AM	0012855	Onioni Dr	142	0.00	1.00	1.00
11/24/2012 2:45:51 PM	0012919	200 HALEWAIU Rd	142	0.10	0.00	0.10
11/27/2012 10:34:15 AM	0013026	On MOKULELE HWY at PIILANI HWY	142	12.00	0.00	12.00

11/27/2012 6:31:57 PM	0013046	11200 HONOAPIILANI Hwy	142	0.00	0.01	0.01
11/27/2012 9:46:53 PM	0013051	10600 KAHEKILI Hwy	142	0.01	0.00	0.01
11/30/2012 5:48:41 PM	0013158	65 PUNA Rd	171A	0.00	1.50	1.50
12/1/2012 4:49:00 PM	0013206	On PUEO DR at KULA HWY	142	0.00	0.07	0.07
12/1/2012 9:35:36 PM	0013228	660 LONO Ave	140	0.01	0.00	0.01
12/4/2012 8:19:31 AM	0013324	128 Kapunakea St	143	0.00	0.25	0.25
12/5/2012 2:41:36 AM	0013362	kukona St	142	0.50	0.00	0.50
12/5/2012 8:01:33 AM	0013366	On NAHIKU RD at LOWER NAHIKU RD	142	0.00	0.01	0.01
12/9/2012 7:15:24 PM	0013584	HOKIOKIO PI	142	0.00	1.00	1.00
12/10/2012 11:40:19 AM	0013615	121 KULA Hwy	142	0.01	0.00	0.01
12/13/2012 3:53:29 PM	0013766	4910 HONOAPIILANI Hwy	142	0.00	0.10	0.10
12/16/2012 12:32:17 PM	0013886	555 KAUKAHI St	142	0.00	0.01	0.01
12/19/2012 11:37:03 AM	0014015	On HOOMALU DR at LIKELIKE AVE	142	0.00	25.00	25.00
12/19/2012 11:55:32 AM	0014016	32 PAIAA PI	142	0.00	20.00	20.00
12/20/2012 12:28:52 PM	0014058	232 KAIWAHINE St	143	0.10	0.00	0.10
12/22/2012 5:34:22 PM	0014162	1727 BALDWIN Ave	142	0.02	0.00	0.02
12/24/2012 9:39:20 AM	0014239	533 AKOLU PI	142	0.00	0.01	0.01
12/28/2012 3:29:21 AM	0014402	266 N HOLOKAI Rd	142	1.00	0.00	1.00
12/29/2012 2:22:44 AM	0014445	On PRISON ST at HONOAPIILANI HWY	142	0.00	0.10	0.10
12/30/2012 3:25:39 PM	0014509	135 KEHALANI VILLAGE Dr	142	0.01	0.00	0.01
12/31/2012 11:18:56 AM	0014545	On KAPILI ST at KILOHANA DR	143	4.00	0.00	4.00
12/31/2012 9:10:24 PM	0014575	On KAHEKILI HWY at MAKAAALA DR	142	0.05	0.00	0.05
1/1/2013 12:22:14 AM	0014591	4955 UAKEA Rd	142	0.01	0.00	0.01
1/1/2013 1:15:25 AM	0000001	On KAHEKILI HWY at MAKAAALA DR	142	0.05	0.00	0.05
1/1/2013 8:18:48 AM	0000013	MP 2 KAHEKILI Hwy	142	0.01	0.00	0.01
1/1/2013 11:18:30 AM	0000021	MP 2 KAHEKILI Hwy	142	0.01	0.00	0.01
1/1/2013 2:10:27 PM	0000029	On KENUI ST at WAINEE ST	142	0.00	0.01	0.01
1/1/2013 4:42:24 PM	0000034	On KUIKAHI Dr at Kehalani Mauka Pky	142	0.10	0.00	0.10
1/5/2013 9:36:18 PM	0000234	108 KANANI Rd	140	0.01	0.00	0.01
1/7/2013 5:01:48 PM	0000330	On HALEAKALA HWY at KEAHUA RD	142	0.10	0.00	0.10
1/12/2013 5:21:56 AM	0000521	11350 HONOAPIILANI Hwy	142	0.00	0.10	0.10
1/12/2013 3:10:18 PM	0000549	1503 PIIHANA Rd	142	0.00	0.01	0.01
1/13/2013 10:13:36 AM	0000588	11700 HONOAPIILANI Hwy	143	0.01	0.00	0.01
1/13/2013 5:57:27 PM	0000605	HOLOMUA Rd	142	0.01	0.00	0.01
1/17/2013 1:56:48 AM	0000746	HANA Hwy	142	0.00	0.50	0.50
1/18/2013 10:34:08 PM	0000828	784 MAHEALANI PI	143	0.01	0.00	0.01
1/20/2013 2:59:01 PM	0000889	On HALIIMAILE Rd at BALDWIN Ave	142	0.05	0.00	0.05
1/23/2013 6:09:32 PM	0001004	1476 S KIHEI Rd	142	0.01	0.00	0.01
1/27/2013 12:36:24 AM	0001168	On MAUI LANI PKWY at KUIHELANI HWY	142	0.12	0.00	0.12
1/31/2013 8:43:44 PM	0001362	4850 MAKENA ALANUI Rd	142	0.01	0.00	0.01
2/2/2013 10:04:00 AM	0001426	Holomua Rd	171A	0.25	0.00	0.25
2/2/2013 5:29:32 PM	0001441	On UWAPO RD at S KIHEI RD	142	0.05	0.00	0.05
2/3/2013 1:30:26 PM	0001474	10500 MOKULELE Hwy	143	0.00	0.01	0.01
2/4/2013 2:46:51 PM	0001526	On MOKULELE HWY at N KIHEI RD	143	0.00	0.01	0.01

53.
12/27
44-

1

2/8/2013 8:15:12 PM	0001711	On UWAPO RD at KENOLIO RD	142	0.01	0.00	0.01
2/9/2013 6:33:20 PM	0001753	2159 Iliili Rd	143	0.10	0.00	0.10
2/10/2013 3:37:34 PM	0001797	310 HOOPALUA Dr	142	0.01	0.00	0.01
2/10/2013 8:18:01 PM	0001812	On AHOLO RD at HONOAPIILANI HWY	142	0.00	0.25	0.25
2/11/2013 5:07:09 PM	0001851	61 S KIHEI Rd	142	0.01	0.00	0.01
2/11/2013 5:50:36 PM	0001854	1450 S KIHEI Rd	143	0.01	0.00	0.01
2/18/2013 11:13:15 AM	0002154	On MIOMIO PI at MAHALO PI	143	0.01	0.00	0.01
2/18/2013 4:13:31 PM	0002169	2677 Kalanikahua Rd	142	0.01	0.00	0.01
2/19/2013 4:02:07 PM	0002222	10340 MOKULELE Hwy	143	0.00	0.01	0.01
2/22/2013 7:57:39 PM	0002384	MM 14 HONOAPIILANI Hwy	142	0.00	0.09	0.09
2/25/2013 2:21:28 PM	0002490	10500 MOKULELE Hwy	143	0.01	0.00	0.01
3/2/2013 8:57:54 PM	0002711	MM 13 HONOAPIILANI Hwy	142	0.00	0.10	0.10
3/4/2013 3:38:34 PM	0002785	MM 2 OMAPIO RD	143	0.00	0.01	0.01
3/7/2013 1:12:02 PM	0002920	9654 KAMEHAMEHA V Hwy	142	0.00	0.50	0.50
3/8/2013 10:29:26 PM	0002978	660 LONO Ave	142	0.10	0.00	0.10
3/16/2013 3:00:01 AM	0003288	151 KULANIHAKOI St	142	0.10	0.00	0.10
3/19/2013 9:35:13 AM	0003419	917 MAKIKI St	143	0.05	0.00	0.05
3/19/2013 5:04:49 PM	0003436	820 OLOWALU VILLAGE Rd	142	0.00	1.00	1.00
3/19/2013 8:01:34 PM	0003441	905 W MOKUEA PI	140	0.01	0.00	0.01
3/21/2013 3:18:45 AM	0003504	ALAWAI Rd	142	0.01	0.00	0.01
3/21/2013 1:23:36 PM	0003524	On KANAI PL at UKALI ST	142	1.00	0.00	1.00
3/21/2013 2:14:45 PM	0003530	10340 MOKULELE Hwy	142	0.01	0.00	0.01
3/24/2013 9:28:57 AM	0003633	888 MALULANI St	143	0.01	0.00	0.01
3/24/2013 8:54:16 PM	0003656	230 E WELAKAHAO Rd	143	0.10	0.00	0.10
3/24/2013 11:16:48 PM	0003659	300 E WELAKAHAO Rd	143	0.05	0.00	0.05
3/25/2013 8:05:59 PM	0003697	1401 LILOA Dr	143	0.20	0.00	0.20
3/27/2013 2:07:27 PM	0003763	HONOKOHAU VALLEY Rd	142	0.00	0.10	0.10
4/5/2013 10:51:30 AM	0004112	4950 HANAWAI St	142	0.00	0.10	0.10
4/7/2013 11:17:02 PM	0004233	On PIILANI HWY at KAONOULU ST	142	0.05	0.00	0.05
4/8/2013 1:28:36 PM	0004264	On HUI RD A at HONOAPIILANI HWY	142	0.00	0.10	0.10
4/13/2013 10:09:07 AM	0004478	On LUAWAI ST at OLOWALU RD	142	0.50	0.00	0.50
4/14/2013 12:43:18 PM	0004524	On KANAI PL at UKALI ST	140	0.10	0.00	0.10
4/17/2013 5:05:11 PM	0004682	On HONOAPIILANI Hwy at KANAPALI Pky	142	0.01	0.00	0.01
4/19/2013 7:09:34 PM	0004756	Holomua Rd	171A	45.00	0.00	45.00
4/24/2013 4:35:13 PM	0004962	2701 MOKULELE Hwy	143	0.01	0.00	0.01
4/26/2013 1:54:12 PM	0005048	400 Mahalani St	142	0.20	0.00	0.20
4/26/2013 7:27:41 PM	0005055	On OHUKAI RD at PIILANI HWY	142	0.01	0.00	0.01
4/27/2013 7:55:40 PM	0005087	1900 Kamehameha V Hwy	173	0.01	0.00	0.01
4/29/2013 7:58:53 AM	0005146	MALIKO BAY Rd	140	0.01	0.00	0.01
4/30/2013 4:23:47 AM	0005176	440 ALA MAKANI PI	142	0.01	0.00	0.01
5/1/2013 12:11:00 PM	0005240	MP36.7 Honoapiilani Hwy	142	0.00	50.00	50.00
5/3/2013 3:08:22 PM	0005328	On MOKULELE HWY at MOTORSPORTS PARK RD	143	0.01	0.00	0.01
5/3/2013 4:38:21 PM	0005335	810A WAIHEHU BEACH RD Rd	142	1.00	0.00	1.00
5/3/2013 7:14:45 PM	0005341	35 HALEKUA St	142	0.01	0.00	0.01

10

5/5/2013 1:57:24 PM	0005436	On KAHOMA ST at AINAKEA RD	142	0.00	2.00	2.00
5/9/2013 3:49:22 PM	0005623	1333 MAUI LANI Pkwy	142	0.50	0.00	0.50
5/11/2013 5:12:27 PM	0005720	On HONOAPIILANI HWY at KAAANAPALI PKWY	142	0.00	0.01	0.01
5/14/2013 8:51:44 AM	0005823	MP 24 Honoapilani Hwy	142	0.00	0.25	0.25
5/14/2013 12:12:33 PM	0005838	On HONOAPIILANI HWY at LAHAINALUNA RD	142	0.00	0.10	0.10
5/14/2013 8:36:47 PM	0005871	1476 S KIHEI Rd	142	0.01	0.00	0.01
5/16/2013 1:05:41 PM	0005944	10340 MOKULELE Hwy	142	0.01	0.00	0.01
5/19/2013 2:35:07 PM	0006098	Holomua Rd	171A	5.00	0.00	5.00
5/23/2013 3:43:20 PM	0006272	On Honoapilani Hwy at Piikana St	140	0.01	0.00	0.01
5/26/2013 3:33:04 PM	0006404	Adjacent to WAIOHULI PL	142	0.05	0.00	0.05
5/28/2013 5:56:42 AM	0006480	On STABLE RD at HANA HWY	142	0.00	0.10	0.10
5/28/2013 11:54:25 AM	0006500	11500 KAMEHAMEHA V Hwy	142	0.00	0.05	0.05
5/31/2013 9:34:35 AM	0006604	10616 MOKULELE Hwy	143	0.01	0.00	0.01
6/1/2013 8:23:37 PM	0006657	Holomua Rd	171A	3.00	0.00	3.00
6/1/2013 10:02:24 PM	0006662	2701 MOKULELE Hwy	171A	3.00	0.00	3.00
6/2/2013 9:44:01 AM	0006671	12300 PIILANI HY 31	142	0.05	0.00	0.05
6/4/2013 4:27:59 PM	0006789	On MOKULELE HWY at MAUI BASEYARD RD	143	0.01	0.00	0.01
6/5/2013 11:09:41 AM	0006823	10600 MOKULELE Hwy	143	0.01	0.00	0.01
6/5/2013 3:39:41 PM	0006835	On MOKULELE HWY at MEHAMEHA LOOP	143	0.01	0.00	0.01
6/6/2013 2:41:30 PM	0006870	On W HAWAII ST at HINA AVE	143	0.25	0.00	0.25
6/6/2013 5:59:31 PM	0006874	11000 KAMEHAMEHA V Hwy	140	0.00	0.01	0.01
6/7/2013 8:38:46 AM	0006890	635 HINA Ave	142	0.01	0.00	0.01
6/7/2013 11:25:27 AM	0006900	10340 MOKULELE Hwy	142	0.01	0.00	0.01
6/11/2013 1:01:31 PM	0007077	On KUIHELANI HWY at HONOAPIILANI HWY	171A	0.00	10.00	10.00
6/11/2013 6:07:03 PM	0007096	10340 MOKULELE Hwy	143	0.01	0.00	0.01
6/11/2013 11:45:42 PM	0007109	On PIILANI HWY at KULANIHAKOI ST	143	0.01	0.00	0.01
6/12/2013 11:45:12 AM	0007128	On MOKULELE HWY at PIILANI HWY	142	0.01	0.00	0.01
6/13/2013 12:44:35 AM	0007158	On S KAMEHAMEHA AVE at MAUI LANI PKWY	142	0.01	0.00	0.01
6/13/2013 11:26:43 AM	0007175	980 LAHAINALUNA Rd	143	0.00	0.01	0.01
6/13/2013 3:05:48 PM	0007185	On HONOAPIILANI HWY at PRISON ST	140	0.00	0.01	0.01
6/13/2013 4:56:37 PM	0007189	KAMEHAMEHA V Hwy	140	0.00	0.01	0.01
6/13/2013 10:58:43 PM	0007202	On LEHUAPUEO PL at HONOAPIILANI HWY	171A	6.00	0.00	6.00
6/14/2013 12:01:36 AM	0007203	PULEHU Rd	171A	0.25	0.00	0.25
6/14/2013 12:41:03 AM	0007204	On KUIHELANI HWY at MAUI LANI PKWY	171A	0.00	2.00	2.00
6/14/2013 11:25:12 AM	0007220	10600 MOKULELE Hwy	142	0.01	0.00	0.01
6/16/2013 12:46:58 PM	0007310	On HANA HWY at HOLOMUA RD	171A	26.50	0.00	26.50
6/17/2013 1:41:17 PM	0007368	10100 N KIHEI Rd	171	0.01	0.00	0.01
6/17/2013 9:31:28 PM	0007378	Dairy Rd	142	0.01	0.00	0.01
6/18/2013 3:31:57 PM	0007401	HONOKOHAU VALLEY Rd	141	0.00	0.10	0.10
6/20/2013 1:30:42 PM	0007483	2701 MOKULELE Hwy	143	0.01	0.00	0.01
6/20/2013 2:32:52 PM	0007486	2701 MOKULELE Hwy	143	0.01	0.00	0.01
6/23/2013 4:43:59 PM	0007618	200 Waikaloa Rd	141	0.01	0.00	0.01
6/25/2013 6:42:28 PM	0007702	61 S KIHEI Rd	142	0.01	0.00	0.01
6/28/2013 2:25:41 PM	0007815	On MOKULELE HWY at MEHAMEHA LOOP	142	0.01	0.00	0.01

54

6/28/2013 6:28:28 PM	0007835	On MAUI LANI PKWY at S KAMEHAMEHA AVE	142	0.25	0.00	0.25
6/29/2013 10:14:37 PM	0007878	HONOAPIILANI Hwy	142	0.00	0.01	0.01
7/1/2013 2:17:00 PM	0007941	2511 KALANIKAHUA Rd	142	0.25	0.00	0.25
7/2/2013 4:43:46 PM	0007997	On PIILANI HWY at UWAPO RD	142	0.01	0.00	0.01
7/3/2013 12:54:41 AM	0008010	On KEAWE ST at KUPUOHI ST	142	0.00	0.01	0.01
7/4/2013 12:41:37 PM	0008072	782 KUHIO PI	143	0.00	0.25	0.25
7/4/2013 3:15:55 PM	0008079	HONOAPIILANI Hwy	143	0.00	0.01	0.01
7/4/2013 9:08:52 PM	0008091	On MAHI KO ST at BALDWIN AVE	143	0.00	0.01	0.01
7/5/2013 12:13:32 AM	0008106	On WAIINU PL at WAIALE RD	142	0.00	0.50	0.50
7/5/2013 10:38:14 AM	0008118	On MAKANI RD at HALEAKALA BYPASS HWY	143	0.00	0.25	0.25
7/5/2013 12:15:31 PM	0008124	On PIILANI HWY at MANAO KALA ST	142	0.01	0.00	0.01
7/5/2013 2:17:08 PM	0008129	1270 PIIHANA Rd	143	0.01	0.00	0.01
7/5/2013 2:17:08 PM	0008129	1270 Piihana Rd	143	0.01	0.00	0.01
7/5/2013 3:53:51 PM	0008131	10600 MOKULELE Hwy	142	0.01	0.00	0.01
7/5/2013 6:48:52 PM	0008138	33 Hana Hwy	140	0.01	0.00	0.01
7/6/2013 10:53:26 AM	0008171	On MAKAAALA DR at KAHEKILI HWY	143	0.00	0.01	0.01
7/6/2013 2:42:56 PM	0008178	On MAKAAALA DR at KAHEKILI HWY	141	0.00	1.50	1.50
7/8/2013 4:06:09 PM	0008281	10340 MOKULELE Hwy	143	0.01	0.00	0.01
7/8/2013 4:48:05 PM	0008282	10400 MOKULELE Hwy	143	0.01	0.00	0.01
7/8/2013 8:56:59 PM	0008296	73 W KAPU PI	142	0.10	0.00	0.10
7/9/2013 2:39:29 AM	0008306	93 W PAPA Ave	142	0.01	0.00	0.01
7/9/2013 11:42:44 AM	0008322	Walnu Rd	142	1.00	0.00	1.00
7/9/2013 4:10:00 PM	0008346	1650 Kaahumanu Ave	143	1.50	0.00	1.50
7/9/2013 7:48:01 PM	0008352	Nawaieha PI	142	0.01	0.00	0.01
7/9/2013 10:42:23 PM	0008358	101 PAKAULA St	142	0.01	0.00	0.01
7/10/2013 11:04:47 AM	0008376	10340 MOKULELE Hwy	143	0.01	0.00	0.01
7/10/2013 12:15:17 PM	0008381	On MOKULELE HWY at MOTORSPORTS PARK RD	142	0.01	0.00	0.01
7/10/2013 3:11:52 PM	0008393	10500 MOKULELE Hwy	142	0.01	0.00	0.01
7/10/2013 5:43:58 PM	0008400	On WAIINU PL at WAIALE RD	142	0.01	0.00	0.01
7/13/2013 3:09:08 PM	0008536	13100 PIILANI HY 31	141	87.00	0.00	87.00
7/13/2013 4:54:54 PM	0008540	On WAIINU PL at WAIALE RD	140	0.00	0.01	0.01
7/13/2013 10:08:32 PM	0008551	424 DAIRY Rd	142	0.50	0.00	0.50
7/15/2013 10:01:27 AM	0008615	13100 PIILANI HY 31	142	0.01	0.00	0.01
7/16/2013 1:36:04 AM	0008646	300 BALDWIN Ave	142	0.05	0.00	0.05
7/16/2013 8:18:44 AM	0008628	13100 PIILANI HY 31	141	87.00	0.00	87.00
7/17/2013 1:48:20 PM	0008707	10500 MOKULELE Hwy	143	0.01	0.00	0.01
7/17/2013 9:51:49 PM	0008728	On UWAPO RD at S KIHEI RD	143	0.01	0.00	0.01
7/18/2013 1:30:03 AM	0008731	2360 PIIHOLO Rd	142	0.05	0.00	0.05
7/19/2013 1:09:45 AM	0008786	Hahana Rd	142	0.33	0.00	0.33
7/19/2013 10:07:37 AM	0008798	635 AWALAU Rd	141	0.05	0.00	0.05
7/19/2013 2:08:15 PM	0008815	635 AWALAU Rd	141	0.05	0.00	0.05
7/20/2013 4:14:17 PM	0008862	10600 HANA Hwy	143	0.50	0.00	0.50
7/23/2013 4:14:46 PM	0008972	On OLINDA RD at PIIHOLO RD	143	0.10	0.00	0.10
7/24/2013 6:56:34 PM	0009033	1529 HALAMA St	142	0.01	0.00	0.01

192

80

7/28/2013 10:11:42 AM	0009183	275 MAIKA St	142	0.01	0.00	0.01
7/28/2013 1:03:50 PM	0009189	3042 LIHOLANI St	143	0.05	0.00	0.05
8/1/2013 10:40:18 AM	0009383	360 PUKALANI St	140	0.25	0.00	0.25
8/1/2013 10:49:43 AM	0009386	450 Lunaillo St	143	0.01	0.00	0.01
8/1/2013 12:25:19 PM	0009391	10400 MOKULELE Hwy	142	0.10	0.00	0.10
8/3/2013 9:41:37 AM	0009474	Adjacent to 2375 Olinda Rd	142	0.00	0.30	0.30
8/7/2013 3:51:18 PM	0009662	10340 MOKULELE Hwy	143	0.01	0.00	0.01
8/9/2013 3:58:33 AM	0009721	On W ALU RD at MAIN ST	142	0.25	0.00	0.25
8/9/2013 12:57:57 PM	0009733	On W ALU RD at MAIN ST	142	0.00	0.01	0.01
8/15/2013 4:30:38 PM	0010014	MOTORSPORTS PARK RD	143	0.01	0.00	0.01
8/19/2013 2:53:07 AM	0010165	On W WAIKO RD at OLD WAIKAPU RD	142	0.00	0.25	0.25
8/19/2013 8:56:50 AM	0010171	MP 1 Kahekili Hwy	143	0.25	0.00	0.25
8/20/2013 1:27:11 AM	0010207	21 AINAOLA St	143	0.01	0.00	0.01
8/21/2013 3:46:43 PM	0010277	615 Kikania Pl	142	0.01	0.00	0.01
8/22/2013 3:01:13 PM	0010312	On KAONOULU ST at PIILANI HWY	142	0.10	0.00	0.10
8/23/2013 2:14:45 AM	0010331	On LOWER MAIN ST at MILL ST	143	0.01	0.00	0.01
8/26/2013 2:07:30 PM	0010453	Piihana Rd	142	1.00	0.00	1.00
8/26/2013 3:03:17 PM	0010456	10600 MOKULELE Hwy	143	0.10	0.00	0.10
8/26/2013 3:46:49 PM	0010457	KALUANUI Rd	142	0.01	0.00	0.01
8/28/2013 5:40:48 AM	0010517	PULEHU Rd	142	0.01	0.00	0.01
8/31/2013 2:23:57 PM	0010663	377 POLIPOLI Rd	142	0.05	0.00	0.05
9/6/2013 11:20:15 AM	0010862	10340 MOKULELE Hwy	142	0.01	0.00	0.01
9/8/2013 12:08:23 AM	0010932	On KUIHELANI HWY at MAUI LANI PKWY	143	0.01	0.00	0.01
9/11/2013 1:59:15 PM	0011091	On HONOAPIILANI HWY at SHAW ST	142	0.00	0.01	0.01
9/14/2013 8:41:13 PM	0011220	On PIILANI HWY at ALANUI KE ALII	143	0.01	0.00	0.01
9/15/2013 12:49:48 PM	0011250	On MOKULELE HWY at PIILANI HWY	142	0.01	0.00	0.01
9/15/2013 11:39:12 PM	0011273	20 W PAPA Ave	142	0.01	0.00	0.01
9/16/2013 2:31:33 PM	0011304	On KAAHUMANU AVE at MAHALANI ST	143	0.00	0.01	0.01
9/16/2013 4:26:44 PM	0011310	On UWAPO RD at PIILANI HWY	142	0.01	0.00	0.01
9/18/2013 12:55:46 AM	0011379	On KUIHELANI HWY Hwy at E WAIKO RD	142	0.25	0.00	0.25
9/21/2013 2:14:20 PM	0011526	84 KUUKAMA St	142	0.75	0.00	0.75
9/22/2013 12:44:23 AM	0011555	On KAHEKILI HWY at WAIEHU BEACH RD	142	0.00	0.10	0.10
9/22/2013 1:28:11 AM	0011557	On WAIALE RD at KUIKAHI DR	142	0.00	0.25	0.25
9/25/2013 1:43:52 AM	0011683	Mokulele Hwy	171A	2.00	0.00	2.00
9/25/2013 4:22:15 AM	0011688	KUIHELANI HWY	171A	0.01	0.00	0.01
9/28/2013 12:31:18 PM	0011833	On HANA HWY at DAIRY RD	142	0.25	0.00	0.25
9/30/2013 9:33:25 AM	0011906	On HANA HWY at DAIRY RD	143	0.01	0.00	0.01
10/4/2013 12:54:59 PM	0012090	245 SHAW St	142	0.00	0.01	0.01
10/6/2013 6:53:03 PM	0012181	HOLOMUA RD	171A	5.00	0.00	5.00
10/9/2013 4:13:28 PM	0012308	1848 HIHIMANU St	142	0.01	0.00	0.01
10/10/2013 6:44:26 PM	0012349	11400 HONOAPIILANI Hwy	142	0.00	0.01	0.01
10/15/2013 12:54:14 PM	0012534	10400 MOKULELE Hwy	143	0.01	0.00	0.01
10/16/2013 8:26:48 AM	0012566	1041 S KIHEI Rd	143	0.01	0.00	0.01
10/16/2013 12:05:43 PM	0012574	11500 HANA HY 360	142	0.01	0.00	0.01

10/17/2013 5:31:29 PM	0012619	1661 Piihola Rd	140	0.01	0.00	0.01
10/17/2013 9:40:13 PM	0012627	11300 HONOAPIILANI Hwy	142	0.00	0.01	0.01
10/19/2013 1:53:36 AM	0012678	On IOLANI St at HALAULANI St	143	0.02	0.00	0.02
10/19/2013 3:29:05 PM	0012707	On MILL ST at SHAW ST	142	0.00	0.25	0.25
10/21/2013 7:09:41 AM	0012784	11400 HONOAPIILANI Hwy	142	0.00	0.01	0.01
10/21/2013 10:59:39 PM	0012819	BALDWIN Ave	143	0.10	0.00	0.10
10/22/2013 3:37:53 AM	0012822	On LAHAINA BYP at KEAWE ST	142	1.00	0.00	1.00
10/22/2013 3:44:24 AM	0012825	MP 17 HONOAPIILANI Hwy	142	1.00	0.00	1.00
10/22/2013 4:19:19 AM	0012827	On LEIALII PKWY at HANO HANO ST	143	0.10	0.00	0.10
10/22/2013 4:48:52 AM	0012828	On WAHIKULI RD at AINAKEA RD	142	0.10	0.00	0.10
10/22/2013 1:39:08 PM	0012849	On KAUPAKALUA RD at HALOA RD	142	0.01	0.00	0.01
10/22/2013 7:06:16 PM	0012856	105 PAUWELA Rd	142	0.10	0.00	0.10
10/24/2013 7:31:02 AM	0012900	On ALIOLANI St at HONOKOLANI St	142	0.01	0.00	0.01
10/24/2013 1:20:36 PM	0012922	PAUWELA RD	143	0.01	0.00	0.01
10/31/2013 1:37:48 AM	0013222	MP 17 HONOAPIILANI Hwy	142	0.25	0.00	0.25
10/31/2013 6:12:53 PM	0013259	660 LONO Ave	142	0.01	0.00	0.01
10/31/2013 10:34:16 PM	0013268	On MAKANI RD at KAUPA ST	142	0.01	0.00	0.01
11/1/2013 11:23:32 PM	0013309	On HALAMA ST at WAIOHULI PL	142	0.01	0.00	0.01
11/3/2013 8:40:42 PM	0013389	Holomua Rd	171A	1.00	0.00	1.00
11/4/2013 12:28:18 PM	0013412	10340 MOKULELE Hwy	143	0.01	0.00	0.01
11/4/2013 1:14:03 PM	0013416	On OLD LANDFILL RD at E WAIKO RD	142	0.01	0.00	0.01
11/6/2013 3:16:50 PM	0013486	MP9 Hana Hwy	140	0.01	0.00	0.01
11/18/2013 9:35:21 AM	0014022	On KAAE RD at WAIIEHU BEACH RD	140	0.01	0.00	0.01
11/19/2013 3:27:44 PM	0014075	Malaihi Rd	142	0.01	0.00	0.01
11/24/2013 1:59:00 PM	0014283	10600 MOKULELE Hwy	143	0.01	0.00	0.01
11/26/2013 2:18:54 PM	0014361	300 E WELAKAHAO Rd	142	0.01	0.00	0.01
11/28/2013 3:57:40 PM	0014468	12200 PIILANI HY 31	142	0.00	0.25	0.25
12/3/2013 5:45:47 PM	0014703	On KAHEKILI HWY at MALAIHI RD	171	0.01	0.00	0.01
12/4/2013 10:10:21 PM	0014756	575 S KIHEI Rd	142	0.01	0.00	0.01
12/8/2013 12:56:46 PM	0014926	On NAPILIHU ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
12/8/2013 2:28:02 PM	0014936	541 HALOA Rd	142	0.02	0.00	0.02
12/12/2013 6:08:23 AM	0015104	On KAAE RD at WAIIEHU BEACH RD	140	0.01	0.00	0.01
12/12/2013 12:37:25 PM	0015122	1300 KAMEHAMEHA V Hwy	142	0.01	0.00	0.01
12/13/2013 7:46:11 AM	0015159	MAIHA St	142	0.00	0.01	0.01
12/13/2013 10:11:46 PM	0015194	W Mahia	142	0.00	0.01	0.01
12/14/2013 8:38:47 AM	0015204	On NAPILIHU ST at HONOAPIILANI HWY	140	0.01	0.00	0.01
12/15/2013 3:12:55 PM	0015266	HALEWAIU Rd	140	0.02	0.00	0.02
12/16/2013 7:23:43 AM	0015288	11400 HONOAPIILANI Hwy	141	0.00	0.10	0.10
12/17/2013 7:29:00 PM	0015349	11200 HANA HY 36	142	2.00	0.00	2.00
12/18/2013 10:06:09 AM	0015362	MP 14 KAMEHAMEHA V Hwy	142	0.01	0.00	0.01
12/25/2013 11:10:48 AM	0015645	Hana Hwy	142	0.01	0.00	0.01
12/25/2013 8:11:34 PM	0015663	On MOKULELE HWY at KAMAAINA RD	171A	0.01	0.00	0.01
12/27/2013 2:47:18 PM	0015743	1344 FRONT St	142	0.00	0.01	0.01
12/28/2013 12:10:21 AM	0015762	2800 S KIHEI Rd	142	0.00	0.50	0.50

1

12/28/2013 1:41:47 AM	0015765	2800 S KIHEI Rd	142	0.00	0.50	0.50
12/29/2013 8:14:51 AM	0015828	65 PUNA Rd	143	0.10	0.00	0.10
12/31/2013 7:30:59 PM	0015957	On KAAE RD at WAIEHU BEACH RD	140	0.00	0.01	0.01
12/31/2013 11:44:23 PM	0015973	On HONOAPIILANI HWY at KAI HELE KU ST	142	0.00	0.01	0.01
1/1/2014 1:55:30 PM	0000038	526 LAHAINALUNA Rd	142	0.00	0.01	0.01
1/2/2014 12:04:46 AM	0000072	On Lahaina Bypass at Lahainaluna Rd	143	0.00	0.05	0.05
1/9/2014 4:12:51 PM	0000456	5165 HANA Hwy	143	0.00	0.10	0.10
1/10/2014 11:12:43 PM	0000530	Holomua Rd	171A	0.10	0.00	0.10
1/13/2014 5:26:41 PM	0000656	11200 HONOAPIILANI Hwy	142	0.00	0.05	0.05
1/17/2014 6:40:52 PM	0000849	On HANSEN RD at Pulehu Rd	171A	0.50	0.00	0.50
1/19/2014 3:21:41 AM	0000918	528 KAIKOO PI	140	0.01	0.00	0.01
2/14/2014 9:56:17 AM	0002168	1 E Halawa Valley Hwy E	142	0.10	0.00	0.10
2/24/2014 9:08:09 PM	0002637	121 KULA Hwy	142	0.01	0.00	0.01
2/24/2014 9:25:34 PM	0002638	480 OLINDA Rd	143	0.01	0.00	0.01
3/4/2014 5:39:20 PM	0002975	1850 KAUHIKOA RD	143	0.15	0.00	0.15
3/5/2014 7:05:12 PM	0003040	KULA Hwy	142	0.00	0.01	0.01
3/6/2014 2:54:59 PM	0003086	1951 VINEYARD St	140	0.01	0.00	0.01
3/17/2014 1:38:03 PM	0003573	MP 6.5 Hana Hwy	142	0.01	0.00	0.01
3/19/2014 6:50:00 AM	0003633	145 N KIHEI Rd	171A	80.00	0.00	80.00
3/20/2014 3:21:35 PM	0003707	On KAHEKILI HWY at MAKAAALA DR	142	0.00	0.03	0.03
3/20/2014 5:58:35 PM	0003714	912 HAUNANI PI	142	0.00	0.80	0.80
3/25/2014 2:31:36 PM	0003931	On HALEAKALA HWY at HALEAKALA BYPASS HWY	143	0.00	0.01	0.01
4/6/2014 8:30:12 PM	0004486	ALAHAO St	140	0.01	0.00	0.01
4/9/2014 6:29:46 PM	0004621	56 HANA Hwy	142	0.00	0.01	0.01
4/11/2014 10:35:04 AM	0004686	Farrington Ave	142	0.00	0.16	0.16
4/12/2014 6:43:42 PM	0004748	600 OFFICE Rd	140	0.01	0.00	0.01
4/14/2014 9:51:57 AM	0004815	3683 LOWER KULA Rd	142	0.00	0.01	0.01
4/16/2014 12:47:03 PM	0004919	On MALIMALI ST at HOPII AKAU ST	142	5.00	0.00	5.00
4/17/2014 10:08:30 AM	0004960	39 POOKELA PI	142	1.00	0.00	1.00
4/18/2014 4:17:13 PM	0005011	On KENOLIO RD at HEONA PL	142	0.01	0.00	0.01
4/23/2014 11:08:11 AM	0005190	On LAHAINALUNA RD at LAHAINA BYP	142	0.00	0.10	0.10
4/27/2014 3:08:22 PM	0005373	23 Mauds PI	142	0.03	0.00	0.03
5/3/2014 3:52:46 AM	0005630	MP 19 HONOAPIILANI Hwy	142	0.00	0.01	0.01
5/7/2014 1:33:53 PM	0005811	On HOLOMUA RD at HANA HWY	142	0.00	0.10	0.10
5/8/2014 8:10:04 PM	0005868	11200 HONOAPIILANI Hwy	142	0.00	0.01	0.01
5/9/2014 2:46:43 AM	0005878	175 E LIPOA St	142	0.30	0.00	0.30
5/25/2014 1:51:05 PM	0006593	12800 HANA HY 360	142	0.00	0.25	0.25
5/26/2014 7:01:05 PM	0006641	HOLOMUA Rd	171A	0.00	3.00	3.00
5/27/2014 2:20:53 PM	0006678	On Main St at Lower Main St	142	0.00	0.01	0.01
5/29/2014 2:15:42 PM	0006759	1774 Lower Main St	142	0.00	0.01	0.01
6/5/2014 2:15:15 AM	0007016	On PAIA MINI-BYPASS RD at HANA HWY	142	0.00	0.10	0.10
6/6/2014 9:46:32 PM	0007115	On LIPOA PKWY at S NINAU ST	142	0.25	0.00	0.25
6/8/2014 4:33:23 AM	0007159	On OHUKAI RD at PIILANI HWY	142	0.05	0.00	0.05
6/8/2014 5:18:07 PM	0007186	ULUNIU Rd	143	0.00	0.10	0.10

12/28/2013
2/28/2014

9/2

6/11/2014 1:24:13 PM	0007301	On KAHIAPO PL at HANA HWY	142	0.00	0.25	0.25
6/14/2014 6:10:29 AM	0007411	50 CALASA Rd	143	0.01	0.00	0.01
6/15/2014 1:43:29 PM	0007471	2575 S KIHEI Rd	142	0.00	0.12	0.12
6/18/2014 9:08:20 AM	0007573	1650 KAAHUMANU Ave	142	0.01	0.00	0.01
6/18/2014 11:49:34 AM	0007582	OLINDA Rd	143	0.01	0.00	0.01
6/18/2014 2:17:23 PM	0007586	955 BALDWIN Ave	171A	1.00	0.00	1.00
6/19/2014 10:48:39 AM	0007622	On MAUNALOPA HWY at PUUPEELUA AVE	142	0.01	0.00	0.01
6/19/2014 11:14:10 AM	0007625	820 OLOWALU VILLAGE Rd	140	0.01	0.00	0.01
6/19/2014 4:16:17 PM	0007635	221 MAHALANI St	143	0.01	0.00	0.01
6/20/2014 10:28:07 PM	0007693	10750 HONOAPIILANI Hwy	142	0.00	0.01	0.01
6/22/2014 10:21:13 AM	0007750	954 BALDWIN Ave	143	0.00	0.10	0.10
6/22/2014 10:39:18 AM	0007752	On HOLOMUA RD at Hana Hwy	171A	0.00	270.00	270.00
6/23/2014 6:13:09 PM	0007798	On HOLOMUA RD at HANA HWY	141	0.00	0.01	0.01
6/24/2014 11:29:18 AM	0007828	1860 Honoapilani Hwy	142	0.00	0.01	0.01
6/24/2014 12:35:04 PM	0007830	10300 MAUNALOA HY 460	142	0.25	0.00	0.25
6/26/2014 12:09:19 PM	0007903	Farrington	143	0.00	0.10	0.10
6/27/2014 3:12:20 PM	0007958	On PIILANI HWY at PIIKEA AVE	142	0.01	0.00	0.01
7/1/2014 5:04:44 PM	0008143	On PIILANI HWY at E WELAKAHAO RD	142	0.01	0.00	0.01
7/1/2014 8:48:12 PM	0008150	E3	141	0.00	0.01	0.01
7/4/2014 10:52:52 AM	0008261	1333 MAUI LANI Pkwy	142	3.00	0.00	3.00
7/4/2014 11:39:34 AM	0008262	On AHUWALE PL at MAKANI RD	142	0.00	0.10	0.10
7/4/2014 11:43:43 AM	0008263	On MAHAOLU ST at HOOMOKU ST	142	1.00	0.00	1.00
7/4/2014 5:47:46 PM	0008279	245 SHAW St	142	0.00	0.01	0.01
7/4/2014 6:47:18 PM	0008282	918 NIHEU St	142	0.00	0.01	0.01
7/4/2014 7:24:47 PM	0008285	On LALANI Cir at Puolo Pl	143	0.01	0.00	0.01
7/4/2014 8:11:40 PM	0008292	11 MAHAOLU St	142	0.01	0.00	0.01
7/4/2014 11:20:59 PM	0008304	2550 S KIHEI Rd	142	0.00	0.01	0.01
7/5/2014 3:24:23 AM	0008306	On HANSEN RD at HANA HWY	142	0.01	0.00	0.01
7/5/2014 12:02:48 PM	0008321	Baldwin Ave	142	0.10	0.00	0.10
7/5/2014 1:13:50 PM	0008324	55 KOAPAKA Ln	142	0.01	0.00	0.01
7/5/2014 2:14:48 PM	0008329	472 KAULANA St	142	0.00	0.05	0.05
7/6/2014 2:16:57 PM	0008361	94 KUPUOHI St	142	0.00	0.01	0.01
7/6/2014 11:10:08 PM	0008382	On MAKAWAO AVE at HALEAKALA HWY	143	0.00	0.01	0.01
7/7/2014 9:52:12 PM	0008434	472 KAULANA St	143	0.00	0.02	0.02
7/9/2014 3:30:16 PM	0008512	10340 MOKULELE Hwy	143	0.01	0.00	0.01
7/10/2014 9:06:04 AM	0008534	1960 MAIN St	143	0.01	0.00	0.01
7/10/2014 10:43:21 AM	0008540	129 ULILI St	142	0.00	1.00	1.00
7/10/2014 11:42:11 AM	0008541	On BALDWIN AVE at HOLOMUA RD	142	0.00	0.01	0.01
7/14/2014 9:28:20 PM	0008728	On OLA ST at UHU ST	142	0.00	0.01	0.01
7/18/2014 2:57:14 PM	0008885	On KAA NAPALI PKWY at HONOAPIILANI HWY	142	0.00	0.01	0.01
7/18/2014 7:26:05 PM	0008900	3418 KUUA PI	142	0.01	0.00	0.01
7/20/2014 7:26:47 PM	0009016	2800 S KIHEI Rd	142	0.00	0.01	0.01
7/21/2014 11:27:36 AM	0009037	1501 LILOA Dr	142	2.00	0.00	2.00
7/25/2014 12:04:07 PM	0009214	On HANA HWY at DEAD END	142	0.01	0.00	0.01

1279

7/26/2014 12:23:24 PM	0009262	10600 MOKULELE Hwy	143	0.01	0.00	0.01
7/28/2014 11:38:58 PM	0009386	16 KAMILOLOA PI	141	0.00	0.25	0.25
7/29/2014 9:13:41 AM	0009395	MP 5 Honoapiilani Hwy	142	30.00	0.00	30.00
7/31/2014 10:13:00 AM	0009482	On HANA HWY at DEAD END	141	0.01	0.00	0.01
7/31/2014 2:52:25 PM	0009492	232 HAULANI St	142	1.00	0.00	1.00
8/1/2014 10:38:21 AM	0009513	Nahele Rd	142	1.00	0.00	1.00
8/1/2014 9:20:53 PM	0009552	On OLA ST at UHU ST	142	0.00	0.01	0.01
8/6/2014 11:00:54 PM	0009773	On OLA ST at UHU ST	142	0.00	0.01	0.01
8/10/2014 3:02:51 AM	0009909	300 BALDWIN Ave	171A	0.00	1.00	1.00
8/14/2014 1:11:32 PM	0010086	On HOOKELE ST at Hana Hwy	143	0.05	0.00	0.05
8/16/2014 3:45:55 AM	0010153	11 W ALU Rd	142	0.15	0.00	0.15
8/22/2014 11:51:55 AM	0010426	On HONOAPIILANI HWY at HOKIOKIO PL	142	0.00	1.00	1.00
8/29/2014 6:53:40 PM	0010717	On PIILANI HWY at OHUKAI RD	142	0.01	0.00	0.01
8/30/2014 11:30:47 AM	0010740	10500 MOKULELE Hwy	143	0.00	0.01	0.01
8/31/2014 2:47:41 PM	0010794	1214 S KIHEI Rd	142	0.01	0.00	0.01
9/1/2014 8:00:06 AM	0010816	On HONOAPIILANI Hwy at Hokiokio	142	0.00	0.10	0.10
9/3/2014 1:48:10 AM	0010907	PAUWELA LIGHTHOUSE Rd	142	0.00	1.00	1.00
9/3/2014 5:22:57 AM	0010910	HANA Hwy	142	0.00	4.00	4.00
9/3/2014 1:47:47 PM	0010931	954 BALDWIN Ave	171A	5.00	0.00	5.00
9/3/2014 7:13:41 PM	0010942	Kuihelani Hwy	143	0.01	0.00	0.01
9/4/2014 12:52:16 PM	0010957	PAUWELA LIGHTHOUSE Rd	142	0.50	0.00	0.50
9/4/2014 6:18:30 PM	0010970	On WAIINU PL at WAIKALE RD	142	0.00	0.01	0.01
9/8/2014 4:12:54 AM	0011125	38599 PIILANI Hwy	141	0.00	0.02	0.02
9/8/2014 10:38:33 AM	0011137	38599 PIILANI Hwy	141	0.00	0.02	0.02
9/9/2014 11:44:59 AM	0011192	4050 HONOAPIILANI Hwy	142	0.00	50.00	50.00
9/10/2014 11:36:11 AM	0011231	Mile Post 2.3	143	0.01	0.00	0.01
9/11/2014 10:18:28 AM	0011279	On HOOMOKU LOOP at HOOMOKU ST	142	15.00	0.00	15.00
9/11/2014 10:56:28 AM	0011282	On BALDWIN AVE at HALIIMAILE RD	143	0.25	0.00	0.25
9/13/2014 5:26:24 AM	0011363	4050 HONOAPIILANI Hwy	142	0.00	1.00	1.00
9/13/2014 12:01:00 PM	0011377	On OILI RD at HANA HWY	142	10.00	0.00	10.00
9/13/2014 6:23:25 PM	0011389	On OILI RD. at HANA HWY	142	0.10	0.00	0.10
9/14/2014 5:23:49 AM	0011409	56 HANA Hwy	142	0.00	0.01	0.01
9/14/2014 6:58:19 AM	0011411	27 S LAELUA PI	171A	0.00	0.01	0.01
9/17/2014 3:18:08 PM	0011559	10900 HONOAPIILANI Hwy	143	0.00	0.01	0.01
9/19/2014 12:22:26 PM	0011641	On E WAIKO RD at KUIHELANI HWY	142	0.25	0.00	0.25
9/19/2014 5:53:02 PM	0011663	2175 Hana Hwy	142	0.00	0.01	0.01
9/20/2014 5:56:11 PM	0011712	2375 OLINDA Rd	140	0.01	0.00	0.01
9/21/2014 5:43:42 AM	0011722	3600 OMAOPIO RD	142	0.01	0.00	0.01
9/21/2014 8:44:14 PM	0011772	HONOAPIILANI Hwy	142	0.00	1.00	1.00
9/22/2014 2:49:25 PM	0011806	12700 HANA Hwy	142	0.00	0.50	0.50
9/23/2014 3:49:13 PM	0011847	325 KEAWE St	142	10.00	0.00	10.00
9/25/2014 11:06:26 PM	0011953	On BALDWIN AVE at PUAKOU PL	142	0.01	0.00	0.01
9/26/2014 8:53:31 AM	0011969	1840 HONOAPIILANI Hwy	142	0.00	0.10	0.10
9/26/2014 12:51:38 PM	0011980	166 LOWER WAIIEHU BEACH Rd	142	0.00	0.20	0.20

133

9/29/2014 5:17:00 PM	0012119	441 HANA Hwy	142	0.25	0.00	0.25
9/30/2014 1:55:03 PM	0012158	13400 HONOAPIILANI Hwy	142	0.00	0.10	0.10
10/3/2014 9:19:48 PM	0012297	90 AMALA PI	142	0.00	0.01	0.01
10/4/2014 7:00:30 AM	0012306	On PIIHANA RD at N MARKET ST	142	0.01	0.00	0.01
10/5/2014 2:15:23 PM	0012363	195 WAIMALUHIA Ln	140	0.00	0.01	0.01
10/7/2014 9:47:33 AM	0012440	471 KANAI PI	140	0.01	0.00	0.01
10/9/2014 9:39:46 PM	0012568	2000 Mokulele Hwy	142	0.25	0.00	0.25
10/11/2014 6:42:36 PM	0012665	On MEHAMEHA LOOP at MOKULELE HWY	142	0.01	0.00	0.01
10/12/2014 1:21:12 AM	0012679	Baldwin Ave	142	0.12	0.00	0.12
10/13/2014 4:08:15 PM	0012754	245 SHAW St	142	0.00	0.01	0.01
10/17/2014 5:59:38 PM	0012928	On HONOAPIILANI HWY at HOKIOKIO PL	142	0.00	0.01	0.01
10/23/2014 6:30:13 AM	0013165	200 WAIEHU BEACH Rd	140	0.01	0.00	0.01
11/3/2014 5:27:22 PM	0013676	244 PAPA PI	142	0.01	0.00	0.01
11/6/2014 4:59:44 PM	0013791	MP10 HANA Hwy	142	0.01	0.00	0.01
11/7/2014 9:22:16 PM	0013839	On KAHEKILI HWY at MAKALA DR	142	0.20	0.00	0.20
11/10/2014 3:49:05 PM	0013954	Kaupoa Beach Rd	142	0.01	0.00	0.01
11/11/2014 12:09:21 AM	0013977	355 E KAMEHAMEHA Ave	143	0.01	0.00	0.01
11/14/2014 5:28:08 PM	0014148	363 KEONE St	142	0.00	0.01	0.01
11/23/2014 7:20:01 AM	0014504	On E WELAKAHAO RD at PIILANI HWY	142	0.01	0.00	0.01
11/26/2014 11:37:00 PM	0014656	10600 MOKULELE Hwy	142	0.00	0.01	0.01
11/28/2014 11:42:24 PM	0014745	On HINAU ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
12/1/2014 2:43:05 PM	0014851	On HINAU ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
12/2/2014 12:24:50 AM	0014869	HONOAPIILANI Hwy	142	0.00	0.01	0.01
12/5/2014 3:11:01 AM	0015004	424 DAIRY Rd	142	0.00	0.01	0.01
12/5/2014 3:44:53 PM	0015034	245 SHAW St	142	0.00	0.01	0.01
12/7/2014 3:10:52 AM	0015090	On PAPALAU ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
12/8/2014 5:37:24 PM	0015171	On LELEIHOKU ST at KALAMA ST	143	0.00	0.01	0.01
12/11/2014 2:15:26 PM	0015295	441 ULUANUI Rd	141	2.00	0.00	2.00
12/14/2014 4:33:34 PM	0015454	On LILOA DR at PIIKEA AVE	142	0.00	0.01	0.01
12/21/2014 10:10:20 AM	0015777	10200 Lono Ave	142	0.00	0.03	0.03
12/22/2014 1:11:41 AM	0015801	On KULA HWY at Naalae Rd	143	0.00	0.01	0.01
12/26/2014 2:37:53 PM	0016035	On WAIALE RD at KUIKAHI DR	143	0.00	0.02	0.02
12/26/2014 11:14:37 PM	0016066	On HALEAKALA HWY Hwy at KULA HWY	143	0.01	0.00	0.01
12/28/2014 3:36:46 PM	0016142	On DICKENSON ST at HONOAPIILANI HWY	142	0.00	0.75	0.75
12/28/2014 3:55:31 PM	0016143	On MAUI LANI PKWY at WAIINU RD	141	0.00	0.25	0.25
12/29/2014 7:38:27 AM	0016173	281 DICKENSON St	142	0.00	0.01	0.01
1/1/2015 2:33:19 PM	0000036	1900 S KIHEI Rd	142	0.00	0.01	0.01
1/8/2015 4:30:38 PM	0000411	760 COPP Rd	143	0.00	0.01	0.01
1/16/2015 11:18:01 PM	0000817	On Haleakala Hwy at Kula Hwy	143	0.01	0.00	0.01
1/18/2015 1:54:22 AM	0000888	2372 BALDWIN Ave	142	0.25	0.00	0.25
1/24/2015 4:55:55 PM	0001177	S KIHEI Rd	142	0.01	0.00	0.01
1/31/2015 3:08:22 PM	0001497	On OHUKAI RD at S KIHEI RD	142	0.01	0.00	0.01
2/9/2015 1:21:40 PM	0001940	20.5 HANA Hwy	141	3.00	0.00	3.00
2/9/2015 5:48:26 PM	0001953	668 WAIEHU BEACH Rd	141	0.00	0.01	0.01

4
25
5
3

2/13/2015 5:11:50 AM	0002102	On Omaopio Rd at Pulehu Rd	171A	10.00	0.00	10.00
2/14/2015 12:04:02 PM	0002180	On HANA HWY at N HOLOKAI RD	142	1.50	0.00	1.50
2/14/2015 2:02:14 PM	0002183	777 HAUMANA Rd	142	0.00	0.10	0.10
2/16/2015 12:09:25 PM	0002291	On LONO AVE at W LANAI ST	143	0.01	0.00	0.01
2/20/2015 11:43:05 AM	0002509	HONOAPIILANI Hwy	142	0.00	2.00	2.00
2/23/2015 1:36:10 PM	0002670	1333 MAUI LANI Pkwy	142	0.01	0.00	0.01
3/14/2015 7:15:56 PM	0003553	On IOLANI St at HALAULANI St	142	0.10	0.00	0.10
3/18/2015 4:04:58 PM	0003744	HONOAPIILANI Hwy	142	0.00	2.00	2.00
3/19/2015 9:50:04 PM	0003805	133 HAULAULANI St	143	0.10	0.00	0.10
3/21/2015 6:56:22 PM	0003877	955 BALDWIN Ave	171A	0.50	0.00	0.50
3/22/2015 5:48:00 PM	0003912	13977 HANA Hwy	142	0.00	0.01	0.01
3/23/2015 11:37:20 AM	0003941	Mauna Loa Hwy	142	0.00	0.05	0.05
4/8/2015 6:11:55 PM	0004662	On IKEA PL at KOEA PL	171A	250.00	0.00	250.00
4/8/2015 10:41:47 PM	0004672	On LAHAINA BYP at KEAWE ST	142	0.00	0.01	0.01
4/8/2015 11:59:35 PM	0004675	PULEHU RD	171A	0.00	5.00	5.00
4/21/2015 8:58:45 PM	0005234	N HAKAU PL	142	0.00	0.10	0.10
4/22/2015 12:45:57 PM	0005255	12400 PIILANI Hwy	142	2.00	0.00	2.00
4/23/2015 5:48:40 AM	0005282	263 LAHAINALUNA Rd	142	0.00	0.01	0.01
4/23/2015 9:30:03 PM	0005312	On KAMAAINA RD at MOKULELE HWY	142	0.00	6.00	6.00
4/24/2015 1:48:37 PM	0005340	On WAIALE RD at KUIKAHI DR	142	0.00	0.01	0.01
5/15/2015 8:10:05 PM	0006266	On KAMAAINA RD at MOKULELE HWY	142	0.00	0.10	0.10
5/16/2015 4:35:09 PM	0006302	980 LAHAINALUNA Rd	142	7.00	0.00	7.00
5/19/2015 2:30:08 PM	0006411	On HONOAPIILANI HWY at KANAPALI PKWY	142	0.00	0.01	0.01
5/19/2015 4:12:40 PM	0006417	980 LAHAINALUNA Rd	142	0.00	0.01	0.01
5/26/2015 2:02:27 PM	0006736	12100 KAMEHAMEHA V Hwy	142	0.00	1.00	1.00
5/31/2015 12:48:30 AM	0006949	pulehu Rd	171A	2.00	0.00	2.00
6/1/2015 11:52:00 AM	0007004	Piilani Hwy	142	2.00	0.00	2.00
6/7/2015 4:56:49 PM	0007273	HANA Hwy	142	2.00	0.00	2.00
6/7/2015 10:13:38 PM	0007292	NANILOA Dr	142	0.00	0.01	0.01
6/8/2015 4:23:15 PM	0007315	On PIIHOLO RD at WAIAHIWI RD	143	2.00	0.00	2.00
6/12/2015 12:51:06 PM	0007478	3211 Maunaloa Hwy	142	1.00	0.00	1.00
6/13/2015 4:49:58 PM	0007526	855 FRASER Ave	142	0.00	0.01	0.01
6/20/2015 2:05:51 PM	0007842	On SHAW ST at Ipu Aumakua Lane	142	0.00	1.00	1.00
6/25/2015 4:26:33 AM	0008049	On N FIREBREAK RD at HALEAKALA HWY	171A	0.00	0.01	0.01
6/25/2015 7:34:10 PM	0008091	ALAWAI Rd	171A	1.00	0.00	1.00
6/26/2015 8:42:46 PM	0008142	On PAIA MINI-BYPASS RD at HANA HWY	171A	4.00	0.00	4.00
7/4/2015 2:01:38 PM	0008559	5 HONUHULA St	142	2.00	0.00	2.00
7/4/2015 10:01:34 PM	0008586	640 BALDWIN Ave	171A	3.00	0.00	3.00
7/5/2015 11:51:25 AM	0008624	On KAHANA NUI RD at NAPILI VILLAS ST	142	0.00	0.25	0.25
7/30/2015 10:50:06 AM	0009769	On HONOAPIILANI HWY at KAI HELE KU ST	143	1.00	0.00	1.00
8/14/2015 2:49:28 PM	0010459	On PUUKOLII RD at HONOAPIILANI HWY	142	351.00	0.00	351.00
8/21/2015 11:57:31 AM	0010781	909 MOKULELE Hwy	142	5.00	0.00	5.00
8/23/2015 2:56:39 AM	0010867	On HANA HWY at HOLOMUA RD	171A	1.00	0.00	1.00
10/20/2015 2:24:06 PM	0013550	On KAIWAHINE ST at HALE KAI ST	142	2.00	0.00	2.00

266

294

18

11/18/2015 10:54:59 AM	0014829	ALAWAI Rd	171A	1.00	0.00	1.00
11/27/2015 4:37:55 PM	0015215	Olowalu Village Rd	142	10.00	0.00	10.00
11/30/2015 5:27:50 AM	0015314	12600 PIILANI Hwy	142	25.00	0.00	25.00
1/13/2016 4:54:08 AM	0000574	955 BALDWIN Ave	171A	1.00	0.00	1.00
1/21/2016 1:59:01 PM	0001001	10700 HONOAPIILANI Hwy	142	200.00	0.00	200.00
2/14/2016 12:16:19 AM	0002141	640 BALDWIN Ave	171A	1.00	0.00	1.00
2/14/2016 1:23:25 PM	0002164	Hui A Rd	142	5.00	0.00	5.00
2/15/2016 5:40:54 PM	0002222	MP 25 PIILANI Hwy	142	6,000.00	0.00	6,000.00
2/27/2016 8:44:12 AM	0002781	640 BALDWIN Ave	171A	1.00	0.00	1.00
3/1/2016 9:58:00 AM	0002928	245 SHAW St	142	2.00	0.00	2.00
3/3/2016 2:00:41 PM	0003033	15 IPU AUMAKUA Ln	142	1.00	0.00	1.00
3/4/2016 9:01:51 AM	0003075	On PRISON ST at MILL ST	142	2.00	0.00	2.00
3/4/2016 3:59:48 PM	0003094	On PRISON ST at MILL ST	142	2.00	0.00	2.00
3/7/2016 3:29:31 AM	0003207	11400 HONOAPIILANI Hwy	142	2.00	0.00	2.00
3/9/2016 9:37:04 PM	0003364	On HOKIOKIO PL at HONOAPIILANI HWY	142	3.00	0.00	3.00
3/11/2016 2:11:11 AM	0003409	11801 HONOAPIILANI Hwy	142	8.00	0.00	8.00
3/11/2016 4:34:29 AM	0003411	Nahele Rd	142	3.00	0.00	3.00
3/14/2016 7:19:04 PM	0003574	KAKEKILI Hwy	141	4.00	0.00	4.00
3/20/2016 11:02:59 AM	0003861	1 KAHIKINUI HOMESTEAD Rd	142	1.00	0.00	1.00
3/21/2016 11:04:09 PM	0003959	11700 HONOAPIILANI Hwy	142	1.00	0.00	1.00
3/22/2016 1:42:14 AM	0003962	4050 HONOAPIILANI Hwy	142	2.00	0.00	2.00
3/26/2016 2:23:44 PM	0004196	On KALUA KOI RD at PA LOA LOOP	142	5.00	0.00	5.00
3/28/2016 1:13:52 PM	0004286	On KAHIKINUI HOMESTEAD RD at KAUPU GAP RD	143	1.00	0.00	1.00
4/5/2016 11:05:39 AM	0004647	4050 KALAI WAA St	142	7.00	0.00	7.00
4/16/2016 2:52:09 PM	0005171	145 N Kihei Rd	142	15.00	0.00	15.00
4/16/2016 3:49:10 PM	0005176	ALAWAI Rd	142	1.00	0.00	1.00
5/7/2016 3:44:42 AM	0006127	On Honolulu Pl at Honokohau Valley	142	4.00	0.00	4.00
5/16/2016 2:15:49 PM	0006483	MP 7 Maunaloa Hwy	142	1.00	0.00	1.00
5/17/2016 5:34:40 PM	0006540	Hahana Rd	142	5.00	0.00	5.00
5/24/2016 1:45:39 AM	0006846	On N KIHEI RD at HONOAPIILANI HWY	142	30.00	0.00	30.00
6/1/2016 7:20:01 PM	0007253	On HOLOMUA RD at BALDWIN AVE	171A	0.00	1.00	1.00
6/5/2016 1:33:59 PM	0007420	N Kihei Rd	142	0.00	0.01	0.01
6/12/2016 3:20:37 PM	0007735	499 HALIIMAILE Rd	171A	50.00	0.00	50.00
6/16/2016 2:21:29 PM	0007890	2692 AKALANI Loop	142	200.00	0.00	200.00
6/22/2016 12:18:20 PM	0008167	Pohaku Aeko St	142	35.00	0.00	35.00
6/23/2016 3:07:56 PM	0008232	Omaopio Rd	142	25.00	0.00	25.00
6/25/2016 9:50:32 AM	0008312	814 Honoapiilani Hwy	142	1.00	0.00	1.00
7/1/2016 3:09:44 PM	0008612	On HOLOMUA RD at HANA HWY	171A	80.00	0.00	80.00
7/2/2016 12:33:05 PM	0008649	On KUIHELANI HWY at HONOAPIILANI HWY	142	4,700.00	0.00	4,700.00
7/8/2016 7:15:30 AM	0008933	EHEHENE ST	142	1,300.00	0.00	1,300.00
8/2/2016 5:49:18 PM	0010134	On HONOAPIILANI HWY at DICKENSON ST	142	0.00	0.01	0.01
8/19/2016 3:25:43 PM	0010940	On PULEHU Rd at Opalipali Pl	142	3.00	0.00	3.00
8/20/2016 1:45:00 PM	0011000	On PULEHU RD at OMAPIO RD	142	335.00	0.00	335.00
9/2/2016 1:26:44 PM	0011486	On PIILANI HWY at PIIKEA AVE	142	10.00	0.00	10.00

36
201
60
62

60

291

404

1348

9/16/2016 6:03:38 PM	0012098	On HALEAKALA HWY at KEAHUA RD	171A	1.00	0.00	1.00
9/29/2016 8:25:08 AM	0012661	Maunaloa Hwy	142	10.00	0.00	10.00
10/4/2016 11:20:02 AM	0012910	On HALEAKALA HWY at KALA RD	142	7.00	0.00	7.00
10/6/2016 10:22:46 AM	0012984	872 HALIIMAILE Rd	171A	200.00	0.00	200.00
10/16/2016 3:30:59 PM	0013446	MP 27 PIILANI Hwy	142	50.00	0.00	50.00
10/17/2016 11:08:00 AM	0013484	12700 PIILANI Hwy	142	40.00	0.00	40.00
10/31/2016 12:27:08 PM	0014097	On KEAHUA RD at UPPER DIVISION 5 RD	171A	500.00	0.00	500.00
11/23/2016 7:56:26 AM	0015129	11400 HONOAPIILANI Hwy	142	18.00	0.00	18.00
11/29/2016 11:31:49 AM	0015446	785 POND PI	141	1.00	0.00	1.00
12/24/2016 7:23:07 PM	0016630	519 BALDWIN Ave	143	2.00	0.00	2.00
1/9/2017 2:30:14 AM	0000380	On PULEHU RD at OMAOPIO RD	142	2.00	0.00	2.00
1/11/2017 2:19:09 PM	0000494	On HANAUA RD at OOPUOLA RD	141	1.00	0.00	1.00
1/31/2017 1:44:00 PM	0001524	On PUUPEELUA AVE at KOLEA AVE	142	1.00	0.00	1.00
2/14/2017 12:36:15 PM	0002193	375 Piliialoha Rd	142	1.00	0.00	1.00
3/26/2017 1:59:29 PM	0004124	On HANA LEI PL at DEAD END	142	10.00	0.00	10.00
3/29/2017 8:53:01 PM	0004271	On Upper Kihei Rd at Keahua Rd	142	30.00	0.00	30.00
4/4/2017 11:54:38 AM	0004535	On KAHEKILI HWY at MALAIHI RD	142	1.00	0.00	1.00
4/8/2017 4:05:36 PM	0004729	Hahana Rd	142	2.00	0.00	2.00
4/16/2017 6:23:42 AM	0005103	HAHANA RD	142	2.00	0.00	2.00
4/24/2017 8:16:27 PM	0005519	MM 5 Hana Hwy	142	1.00	0.00	1.00
4/28/2017 9:34:33 PM	0005688	On HONOAPIILANI HWY at FRONT ST	142	0.00	0.01	0.01
5/4/2017 10:40:02 AM	0005956	799 POHO PI	142	0.00	0.01	0.01
5/31/2017 3:48:01 PM	0007177	PAUWELA LIGHTHOUSE Rd	141	2.00	0.00	2.00
6/5/2017 6:38:54 PM	0007378	MP 27 Honoapilani Hwy	142	6.00	0.00	6.00
6/6/2017 5:35:08 AM	0007400	LOWER WAIEHU BEACH Rd	142	0.00	0.01	0.01
6/6/2017 6:00:16 AM	0007379	MP 27 Honoapilani Hwy	142	3.00	0.00	3.00
6/7/2017 2:36:16 PM	0007457	On HALEAKALA HWY at N FIREBREAK RD	142	0.00	0.25	0.25
6/10/2017 1:20:48 PM	0007565	2987 FARRINGTON Ave	142	0.00	0.50	0.50
6/11/2017 9:02:10 PM	0007632	300 BALDWIN Ave	142	6.00	0.00	6.00
6/14/2017 1:07:27 PM	0007751	300 BALDWIN Ave	142	0.00	8.00	8.00
6/18/2017 4:37:01 PM	0007928	On Mokulele Hwy at Motorsports Park Rd	142	0.00	0.10	0.10
6/18/2017 5:01:49 PM	0007930	On POOKELA PL at LIKELIKE AVE	143	0.00	0.10	0.10
6/23/2017 1:45:43 PM	0008163	300 BALDWIN Ave	142	0.00	1.00	1.00
6/23/2017 6:05:58 PM	0008177	239 HOOMOKU St	142	0.00	0.25	0.25
6/27/2017 2:07:54 PM	0008363	Olinda Rd	141	0.00	1.00	1.00
7/4/2017 7:09:58 PM	0008717	248 W KAUAI St	143	0.00	5.00	5.00
7/4/2017 11:27:48 PM	0008734	1111 KAMAAINA Rd	142	0.00	5.00	5.00
7/7/2017 4:22:14 AM	0008825	On BALDWIN AVE at HOLOMUA RD	142	0.00	0.10	0.10
7/8/2017 2:00:56 PM	0008890	On KUIALUA ST at DEAD END	142	3.00	0.00	3.00
7/9/2017 4:27:42 PM	0008937	120 ULUMAU PI	142	2.00	0.00	2.00
7/13/2017 11:31:56 AM	0009124	300 BALDWIN Ave	142	0.00	0.50	0.50
7/13/2017 2:49:02 PM	0009127	On PULEHU RD at KEAHUA RD	143	0.00	0.01	0.01
7/17/2017 1:29:32 PM	0009341	On KAHEKILI HWY at MAKALA DR	142	7.00	0.00	7.00
7/26/2017 4:14:45 PM	0009756	On HONOAPIILANI HWY at KUALAPA LOOP	142	7.00	0.00	7.00

829
120
131

62

47

7/26/2017 7:22:25 PM	0009762	On PAIA MILL RD at BALDWIN AVE	142	3.00	0.00	3.00
8/2/2017 10:06:40 PM	0010075	1931 BALDWIN Ave	143	0.00	0.01	0.01
8/8/2017 2:04:19 AM	0010313	10650 HANA Hwy	142	0.00	0.01	0.01
8/11/2017 4:49:44 PM	0010469	8100 PULEHU Rd	142	0.00	13.50	13.50
8/13/2017 7:47:05 PM	0010575	On KAHEKILI HWY at MAKAAALA DR	141	0.00	0.17	0.17
8/14/2017 6:27:34 AM	0010589	On KAHEKILI HWY at MAKAAALA DR	141	0.00	0.01	0.01
8/16/2017 10:50:17 AM	0010690	MM 38 HONOAPIILANI Hwy	142	0.00	2.00	2.00
8/16/2017 5:10:09 PM	0010715	8100 PULEHU Rd	142	0.00	0.01	0.01
8/25/2017 5:18:54 AM	0011096	On PULEHU PL at HOOKELE ST	143	0.00	0.05	0.05
8/28/2017 3:32:57 AM	0011231	8100 PULEHU Rd	142	0.00	0.10	0.10
8/29/2017 3:03:03 PM	0011293	5177 HANAWAI St # G	142	0.00	0.01	0.01
9/4/2017 4:31:24 PM	0011551	MAUI LANI GOLF COURSE Rd	142	1.00	0.00	1.00
9/7/2017 9:15:09 PM	0011715	104 KAAPALI SHORES PI	142	6.00	0.00	6.00
9/12/2017 6:30:16 PM	0011959	3065 MAUNALOA HWY Hwy	142	0.00	0.10	0.10
9/16/2017 2:42:50 PM	0012126	MM 5 PIILANI HWY	142	5.00	0.00	5.00
9/16/2017 3:05:38 PM	0012128	711 MILL St	142	0.00	0.05	0.05
9/17/2017 8:24:50 AM	0012159	HAHANA Rd	142	2.00	0.00	2.00
9/18/2017 12:56:37 PM	0012214	980 LAHAINALUNA Rd	142	0.00	2.00	2.00
9/21/2017 3:56:20 PM	0012359	On HALEAKALA HWY at N FIREBREAK RD	142	0.00	150.00	150.00
9/23/2017 3:35:21 PM	0012440	2770 PUU KAPELE Ave	142	0.00	1.00	1.00
9/23/2017 7:45:05 PM	0012449	On KAHEKILI HWY at MAKAAALA DR	142	3.00	0.00	3.00
9/25/2017 9:58:47 AM	0012519	On HANA HWY at HAHANA RD	142	0.00	0.10	0.10
10/9/2017 3:37:47 PM	0013143	8100 PULEHU Rd	142	0.00	140.00	140.00
10/11/2017 1:20:15 PM	0013225	On PIILANI HWY at E WELAKAHAO RD	143	0.00	0.01	0.01
10/18/2017 1:35:58 PM	0013548	300 BALDWIN Ave	142	3.00	0.00	3.00
10/18/2017 6:32:39 PM	0013558	On HANA HWY at HAIKU RD	142	50.00	0.00	50.00
10/22/2017 11:11:17 PM	0013730	8100 PULEHU Rd	142	0.00	0.20	0.20
11/23/2017 1:49:42 PM	0015333	11300 HONOAPIILANI Hwy	140	0.00	0.01	0.01
12/26/2017 2:18:36 PM	0017013	10450 KAUMALAPAU Hwy	142	0.00	0.01	0.01
1/1/2018 12:11:14 AM	0000001	MAUI LANI GOLF COURSE Rd	142	0.00	0.50	0.50
1/3/2018 8:31:37 PM	0000168	MALA WHARF Rd	142	0.00	0.10	0.10
1/14/2018 5:38:33 AM	0000685	4327 LOWER HONOAPIILANI Rd	142	0.00	0.06	0.06
1/19/2018 1:48:17 PM	0000971	10600 KAMEHAMEHA V Hwy	142	0.00	0.01	0.01
1/28/2018 6:26:26 PM	0001439	145 MAKAAENA PI	142	0.00	0.01	0.01
2/12/2018 2:44:54 PM	0002242	On KUIHELANI HWY at HONOAPIILANI HWY	142	1.00	0.00	1.00
2/12/2018 11:15:22 PM	0002261	On KEONEKAI RD at LILOA DR	142	0.00	0.02	0.02
2/14/2018 1:19:00 PM	0002350	49M PAMAKANI PI	142	0.00	0.10	0.10
2/20/2018 12:45:23 PM	0002697	4670 MOOMOMI Ave	142	5.00	0.00	5.00
2/21/2018 1:04:53 PM	0002750	4670 MOOMOMI Ave	143	0.00	25.00	25.00
3/11/2018 2:34:10 PM	0003651	On HOLOMUA RD at HANA HWY	142	0.00	0.10	0.10
4/1/2018 3:12:48 AM	0004621	1840 HONOAPIILANI Hwy	142	0.00	0.13	0.13
4/22/2018 2:27:17 PM	0005668	On WAIALE RD at OHANA HANA ST	143	0.00	0.06	0.06
4/23/2018 12:15:24 PM	0005702	13600 HONOAPIILANI Hwy	142	0.00	0.15	0.15
4/25/2018 9:38:46 AM	0005777	On KEAWE ST at LAHAINA BYP	142	0.00	0.10	0.10

128

194
201
49

32

4/25/2018 3:51:56 PM	0005794	On KEAWE ST at KUPUOHI ST	143	0.00	0.01	0.01
4/25/2018 11:19:29 PM	0005807	In rear of HALEKUAI ST	141	0.00	0.75	0.75
4/27/2018 6:26:06 AM	0005850	On KAPAAKEA LOOP at KAMEHAMEHA V HWY	142	0.00	0.01	0.01
5/6/2018 4:34:37 PM	0006267	On MAALAEA BAY PL at KAHEAWA WIND FARM RD	142	0.00	0.15	0.15
5/28/2018 2:27:19 PM	0007278	MAUNALOA HWY	142	0.00	0.25	0.25
5/28/2018 4:57:37 PM	0007286	MAUNAHUI RD	143	0.00	0.05	0.05
5/29/2018 5:47:00 PM	0007335	4050 HONOAPIILANI Hwy	142	0.00	0.25	0.25
5/30/2018 5:10:21 PM	0007392	280 OHAA St	143	0.00	0.01	0.01
6/4/2018 6:01:48 AM	0007594	8100 PULEHU Rd	142	0.00	0.10	0.10
6/8/2018 8:22:41 PM	0007830	On HONOAPIILANI HWY at KEAWE ST	142	0.00	0.01	0.01
6/8/2018 11:06:40 PM	0007838	On FRONT ST at FLEMING RD	142	0.00	0.01	0.01
6/15/2018 6:08:09 AM	0008117	On HOIKE RD at MANELE RD	142	0.00	0.01	0.01
6/18/2018 11:19:51 AM	0008268	In rear of 1155 LIMAHANA Cir	142	0.00	0.10	0.10
6/18/2018 7:44:31 PM	0008294	WILI KOPE Rd	142	0.00	0.50	0.50
6/22/2018 7:48:16 PM	0008494	On UPPER HAMAKUAPOKO RD at BALDWIN AVE	142	0.00	0.25	0.25
6/26/2018 11:12:17 AM	0008666	On MAUNAHUI RD at KALAE HWY	142	0.00	0.25	0.25
6/27/2018 3:07:50 PM	0008737	On UKUMEHAME FIRING RANGE RD at POHAKU AEKO	142	5.00	0.00	5.00
7/2/2018 4:52:19 PM	0008977	8100 PULEHU Rd	142	4.00	0.00	4.00
7/3/2018 10:46:30 AM	0009011	13700 KAHEKILI Hwy	142	0.00	0.10	0.10
7/3/2018 12:16:34 PM	0009013	8100 PULEHU Rd	142	6.00	0.00	6.00
7/3/2018 2:26:56 PM	0009019	On HALEAKALA HWY at HALIIMAILE RD	142	2,500.00	0.00	2,500.00
7/4/2018 3:57:59 AM	0009052	On HONOAPIILANI HWY at KUIKAHI DR	143	2.00	0.00	2.00
7/4/2018 12:57:45 PM	0009072	3626 LOWER HONOAPIILANI Rd	142	0.00	0.25	0.25
7/4/2018 3:59:36 PM	0009083	On E WAIPUILANI RD at ELEU PL	142	0.00	0.01	0.01
7/6/2018 2:14:49 PM	0009208	On HINAU ST at HONOAPIILANI HWY	142	0.00	0.01	0.01
7/16/2018 8:40:50 PM	0009745	On UPPER KANAIO RD at PIILANI HWY	142	2.00	2.00	4.00
7/18/2018 7:09:25 PM	0009830	HAUAKEA AVE	142	3.00	0.00	3.00
7/24/2018 9:28:56 PM	0010117	13800 KAHEKILI Hwy	142	0.00	0.02	0.02
7/25/2018 1:53:53 AM	0010123	65 PUNA Rd	142	0.00	0.25	0.25
8/1/2018 11:28:24 AM	0010447	1455 KANAIO Rd	142	5.00	0.00	5.00
8/1/2018 1:07:13 PM	0010452	On N KIHEI RD at HONOAPIILANI HWY	142	0.00	0.10	0.10
8/3/2018 2:10:40 AM	0010518	8100 PULEHU Rd	142	0.00	0.50	0.50
8/4/2018 9:23:11 AM	0010581	WAHINE PIO Ave	142	0.00	0.01	0.01
8/5/2018 2:14:25 PM	0010640	PULEHU Rd	142	5.00	0.00	5.00
8/6/2018 4:26:43 PM	0010692	On PIILANI HWY at N KIHEI RD	142	0.00	0.05	0.05
8/9/2018 6:07:19 AM	0010807	20 PUAMANA Pl	140	0.00	0.01	0.01
8/12/2018 10:57:12 AM	0010981	On EHEHENE ST at HONOAPIILANI HWY	142	20.00	0.00	20.00
8/23/2018 9:45:16 PM	0011566	On KUIHELANI HWY at HONOAPIILANI HWY	141	10.00	0.00	10.00
8/24/2018 7:27:26 AM	0011600	On HALELO ST at HONOAPIILANI HWY	142	0.00	800.00	800.00
8/25/2018 6:58:36 AM	0011664	On KUALAPA LOOP at ANAPUNI PL	142	0.00	0.10	0.10
8/26/2018 4:06:54 PM	0011743	On HOKIOKIO PL at HONOAPIILANI HWY	142	1.00	0.00	1.00
8/26/2018 11:48:00 PM	0011768	10500 HONOAPIILANI Hwy	142	2.00	0.00	2.00
8/31/2018 9:58:33 AM	0011966	In rear of Honoapiilani	142	500.00	0.00	500.00
9/5/2018 6:13:43 AM	0012206	245 SHAW St	142	1.00	0.00	1.00

251

49

130

9/6/2018 1:35:36 PM	0012266	85 ONIONI Dr	142	0.00	0.10	0.10
9/12/2018 4:15:41 PM	0012552	On HOKIOKIO PL at HONOAPIILANI HWY	142	3.00	0.00	3.00
9/21/2018 2:16:18 PM	0012967	On WAIEHU BEACH RD at KAHEKILI HWY	142	0.00	0.01	0.01
10/8/2018 10:38:10 AM	0013821	19 HANA Hwy	142	0.00	0.01	0.01
10/19/2018 4:29:20 AM	0014321	3350 LOWER HONOAPIILANI Rd	142	0.00	0.01	0.01
10/20/2018 5:09:01 AM	0014379	On HOKIOKIO PL at LAHAINA BYP	143	0.00	0.01	0.01
10/22/2018 5:13:50 AM	0014475	On KAI HELE KU ST at HOKIOKIO PL	142	0.00	0.10	0.10
10/25/2018 2:17:54 AM	0014618	10863 HONOAPIILANI Hwy	142	2.00	0.00	2.00
11/9/2018 4:56:20 PM	0015399	On HANA HWY at DEAD END	142	0.00	0.01	0.01
11/28/2018 6:06:20 AM	0016222	On DEAD END at DEAD END	142	0.00	0.01	0.01
12/8/2018 4:48:05 AM	0016741	21 HANSEN Rd	140	0.00	0.01	0.01
12/26/2018 4:10:56 PM	0017678	On MAUI LANI PKWY at DEAD END	142	0.00	2.00	2.00
12/27/2018 11:31:36 AM	0017730	280 SHAW St	142	0.00	0.01	0.01
12/31/2018 10:40:42 PM	0017989	3643 LOWER HONOAPIILANI Rd	140	0.00	0.01	0.01
1/1/2019 6:08:11 PM	0000047	13500 HONOAPIILANI Hwy	142	0.00	0.01	0.01
1/3/2019 1:07:55 PM	0000137	Lot 57 Naiwa Pl	142	10.00	0.00	10.00
1/5/2019 2:01:43 AM	0000193	814 HONOAPIILANI Hwy	142	170.00	0.00	170.00
1/5/2019 4:16:30 PM	0000218	1775 KOKOMO Rd	143	0.00	0.01	0.01
1/5/2019 8:09:49 PM	0000230	25 KAHULUI BEACH Rd	143	0.00	0.10	0.10
1/6/2019 2:32:32 PM	0000261	Maunaloa Hwy	142	1.00	0.00	1.00
1/6/2019 6:42:22 PM	0000277	4050 KALAI WAA St	142	200.00	0.00	200.00
1/7/2019 10:59:44 AM	0000307	On HUAAI RD at PALUA PL	143	0.00	0.01	0.01
1/9/2019 12:35:39 PM	0000432	4050 KALAI WAA St	142	0.00	0.01	0.01
1/9/2019 9:56:10 PM	0000464	4050 KALAI WAA St	142	0.00	0.01	0.01
1/10/2019 9:16:18 AM	0000472	4050 KALAI WAA St	142	200.00	0.00	200.00
1/11/2019 2:39:29 PM	0000526	4050 Kalai Waa St	142	200.00	0.00	200.00
1/18/2019 1:17:11 PM	0000903	4050 KALAI WAA St	141	0.00	0.02	0.02
1/23/2019 4:49:16 PM	0001159	215 HELEUMA Pl	142	0.00	1.50	1.50
1/24/2019 10:15:46 AM	0001186	19 HANA Hwy	142	0.00	0.01	0.01
1/27/2019 7:14:28 PM	0001369	3950 KALAI WAA St	142	1.00	0.00	1.00
3/6/2019 10:54:52 PM	0003472	On KAMAAINA RD at MAUI VETERANS HWY	143	0.00	0.50	0.50
3/21/2019 4:44:32 PM	0004259	4650 S KAMEHAMEHA Ave	143	0.00	0.01	0.01
3/27/2019 5:26:10 AM	0004555	MALIKO BAY Rd	142	0.00	0.01	0.01
3/29/2019 1:43:51 AM	0004660	19 HANA Hwy	142	0.00	0.01	0.01
3/31/2019 3:42:47 PM	0004780	4050 HONOAPIILANI Hwy	141	0.00	3.00	3.00
4/4/2019 10:14:41 AM	0004943	2235 KAUPAKALUA Rd	142	0.00	0.25	0.25
4/6/2019 7:50:08 AM	0005058	MALIKO BAY Rd	142	0.00	0.01	0.01
4/9/2019 10:49:53 AM	0005204	HONOAPIILANI Hwy	141	0.00	0.01	0.01
4/14/2019 10:35:01 AM	0005445	On KAI HELE KU ST at LAHAINA BYP	142	2.00	0.00	2.00
4/14/2019 12:47:46 PM	0005449	On PAPALUA ST at FRONT ST	140	0.00	0.01	0.01
4/16/2019 10:01:40 PM	0005587	Adjacent to 6551 KAMEHAMEHA V Hwy	142	0.00	0.01	0.01
4/21/2019 12:10:47 PM	0005823	On PIIHANA RD at KAHEKILI HWY	142	0.00	0.50	0.50
5/6/2019 2:31:46 PM	0006565	On PAKAULA ST at HANA HWY	142	0.00	0.05	0.05
5/14/2019 7:43:23 PM	0007036	On KEOAWA ST at KAUPALENA PL	143	0.00	0.01	0.01

7
20
390

181

10

5/20/2019 3:58:26 PM	0007336	On LIMU ELEELE ST at HALEWAIU RD	141	0.00	0.05	0.05
5/24/2019 5:01:55 PM	0007555	On KULA HWY at LOWER KULA RD	142	2.00	0.00	2.00
6/5/2019 4:25:59 AM	0008161	On IKENA KAI PL at PULEHU RD	142	0.00	0.01	0.01
6/7/2019 5:51:53 PM	0008298	4950 HANAWAI St	142	0.00	2.50	2.50
6/12/2019 2:53:17 PM	0008566	MP 8	143	1.00	0.00	1.00
6/14/2019 7:01:57 PM	0008694	151 HOOMALU Dr	142	1.00	0.00	1.00
6/16/2019 7:51:19 PM	0008801	HAHANA Rd	142	4.00	0.00	4.00
6/17/2019 6:09:43 AM	0008817	HAHANA Rd	142	4.00	0.00	4.00
6/17/2019 9:53:24 AM	0008823	HAHANA Rd	142	4.00	0.00	4.00
6/18/2019 5:21:57 PM	0008901	HAHANA Rd	142	2.00	0.00	2.00
6/19/2019 8:25:29 AM	0008920	1000 HOLOMUA Rd	142	2.00	0.00	2.00
6/19/2019 4:25:00 PM	0008949	5734 KAMEHAMEHA V Hwy	142	8.00	0.00	8.00
6/22/2019 7:32:38 AM	0009070	8100 PULEHU Rd	142	0.00	0.10	0.10
6/29/2019 1:39:19 AM	0009422	2140 FARRINGTON Ave	142	0.00	0.25	0.25
6/29/2019 3:31:40 PM	0009462	2140 Farrington Hwy	142	0.00	0.20	0.20
6/29/2019 5:02:40 PM	0009467	On AHOLO RD at HONOAPIILANI HWY	142	0.00	0.50	0.50
6/30/2019 12:06:56 PM	0009499	On NOPU PL at NOPU ST	142	2.00	0.00	2.00
7/1/2019 1:53:18 PM	0009561	On OMAPIO RD at KEAHUA RD	143	0.00	0.01	0.01
7/3/2019 1:17:49 PM	0009672	On HANA HWY at AIRPORT ACCESS RD	142	0.00	3.50	3.50
7/3/2019 7:48:51 PM	0009691	On HANA HWY at HONOPOU RD	141	0.00	0.50	0.50
7/4/2019 1:24:13 AM	0009700	On HALEAKALA HWY at N FIREBREAK RD	142	0.00	0.10	0.10
7/5/2019 11:23:27 AM	0009765	MALIKO BAY Rd	142	0.00	0.10	0.10
7/5/2019 5:52:50 PM	0009789	ONEHEE Ave	142	0.00	0.20	0.20
7/8/2019 12:54:58 AM	0009949	On PULEHU RD at OMAPIO RD	142	1.00	0.00	1.00
7/11/2019 10:43:32 AM	0010111	On E WAIKO RD at KUIHELANI HWY	142	9,000.00	0.00	9,000.00
7/11/2019 5:09:18 PM	0010143	On HANA HWY at PAUWELA LIGHTHOUSE R	141	3.00	0.00	3.00
7/12/2019 1:29:39 PM	0010192	1090 HOOKELE St	142	180.00	0.00	180.00
7/12/2019 9:54:13 PM	0010218	10500 KUIHELANI Hwy	142	10,000.00	0.00	10,000.00
7/14/2019 4:49:09 PM	0010333	On KAIWAHINE ST at KAILOHIA ST	142	0.00	0.01	0.01
7/14/2019 7:57:39 PM	0010346	On CENTRAL POWER PLANT RD at PULEHU RD	142	0.00	5.00	5.00
7/14/2019 9:05:38 PM	0010350	287 HOALIKE St	142	0.00	0.01	0.01
7/16/2019 7:27:48 PM	0010475	10400 KUIHELANI Hwy	141	9,000.00	0.00	9,000.00
7/19/2019 12:41:27 PM	0010595	10340 MAUI VETERANS Hwy	142	1.00	0.00	1.00
7/19/2019 2:18:02 PM	0010603	12100 PIILANI Hwy	142	0.00	0.01	0.01
7/22/2019 9:03:56 AM	0010760	On MAPU PL at PIILANI HWY	142	80.00	0.00	80.00
7/23/2019 11:05:45 PM	0010862	On DOOR OF FAITH RD at PUUOMAILE RD	142	0.00	0.20	0.20
8/1/2019 1:50:03 PM	0011330	On HALEAKALA HWY at HALIIMAILE RD	142	5,300.00	0.00	5,300.00
8/3/2019 4:28:30 PM	0011448	On MILL ST at KANIELA ST	143	0.00	0.01	0.01
8/11/2019 3:48:02 PM	0011893	On LIPOA PKWY at PIILANI HWY	142	270.00	0.00	270.00
8/11/2019 4:42:36 PM	0011897	On ALOHI UI ST at WAIALE RD	142	10.00	0.00	10.00
8/11/2019 4:51:30 PM	0011899	On E WAIKO RD at OLD LANDFILL RD	142	3.00	0.00	3.00
8/12/2019 7:38:03 AM	0011937	2500 HONOAPIILANI Hwy	142	2.00	0.00	2.00
8/12/2019 10:52:38 AM	0011949	2500 HONOAPIILANI Hwy	142	2.00	0.00	2.00
8/13/2019 3:05:12 AM	0011982	11050 HONOAPIILANI Hwy	142	6.00	0.00	6.00

902

1014

905

539

2/21/2020 10:38:59 PM	0002785	On OLOWALU RD at HONOAPIILANI HWY	141	25.00	0.00	25.00
2/22/2020 9:12:14 AM	0002799	820 OLOWALU VILLAGE Rd	141	25.00	0.00	25.00
2/27/2020 8:41:49 AM	0003089	KAHOOLAWE	142	9,000.00	0.00	9,000.00
2/29/2020 5:59:09 AM	0003186	13100 PIILANI Hwy	142	0.00	1.50	1.50
4/22/2020 11:44:09 AM	0005496	12200 HANA Hwy	142	0.00	0.10	0.10
4/30/2020 5:59:39 AM	0005769	On WAIEHU BEACH RD at KAAE RD	142	0.00	0.01	0.01
5/23/2020 10:19:17 PM	0006656	MM 11 HANA Hwy	142	1.00	0.00	1.00
5/29/2020 11:21:31 AM	0006857	245 SHAW St	142	5.00	0.00	5.00
6/12/2020 1:40:12 PM	0007442	5415 MAKENA ALANUI Rd	142	2.00	0.00	2.00
6/13/2020 1:24:40 PM	0007480	5415 MAKENA ALANUI Rd	142	0.00	8.00	8.00
6/22/2020 6:56:34 PM	0007816	On MAIHA ST at CRESTVIEW RD	142	2.00	0.00	2.00
6/28/2020 11:11:30 AM	0008030	3213 MAUNALOA Hwy	142	0.00	35.00	35.00
6/29/2020 5:22:55 AM	0008058	S KIHEI Rd	142	0.00	0.10	0.10
7/5/2020 12:14:52 PM	0008324	MALIKO BAY Rd	142	1.00	0.00	1.00
7/7/2020 11:32:00 PM	0008430	On HALIIMAILE RD at HALEAKALA HWY	142	4,300.00	0.00	4,300.00
7/13/2020 2:28:29 PM	0008663	On Piilani Hwy at Ohukai Rd	143	50.00	0.00	50.00
7/16/2020 10:31:59 AM	0008760	On PIILANI HWY at OHUKAI RD	143	50.00	0.00	50.00
7/18/2020 2:58:49 PM	0008857	On KUMUHEA PL at MAUNALOA HWY	142	1.00	0.00	1.00
7/25/2020 1:04:02 PM	0009153	HALEAKALA HWY	142	1.00	0.00	1.00
7/31/2020 11:14:42 PM	0009409	3013 PUU KAPELE Ave	142	15.00	0.00	15.00
8/2/2020 4:09:07 PM	0009464	121 MEHEU Cir	142	0.00	0.01	0.01
		Total Acres		121,607.14	13,204.54	134,811.68

Exhibit D

Hawaii Wildfire Management Association,
A Collaborative Landscape-Level Approach to Reduce Wildfire Hazard
Across Hawai'i: 2018-19 Vegetation Management — Rapid Mapping
Assessment and Collaborative Action Planning — Maui Report

**A Collaborative, Landscape-Level Approach to
Reduce Wildfire Hazard Across Hawai'i**

2018-19 Vegetation Management

**Rapid Mapping Assessment
and**

Collaborative Action Planning

Maui Report

This report is dedicated to all those whose decisions about the built and natural environment in Hawai‘i affect our vulnerability and/or resilience to wildfire, including:

Emergency responders and **volunteers** who respond to wildfire;

Policymakers aligning funding and legislation to strategically and effectively reduce wildfire hazards and keep our communities safe;

Planners, developers, and designers who include strategic wildfire mitigating designs in communities, infrastructure corridors, and buffers between human ignitions and precious wildland ecosystems;

Maintenance workers and **community members** who do all of the great hazard mitigation and vegetation management;

Ranchers managing animals and maintaining fencing and water to protect our communities and ecosystems from wildfire;

Tourism industry informing visitors about wildfire and invasive species in Hawai‘i and the importance of helping protect this valuable place they come to visit;

Land stewards removing invasive species, restoring the forest, working the land, and transitioning the landscape to a lower fire risk;

Agency representatives responsibly managing heritage resources;

And everyone who is working to protect our communities and landscapes from wildfire and invasive species.

Project Lead

Hawai‘i Wildfire Management Organization
(Team: Elizabeth Pickett, Lele Kimball, Melissa Kunz, Orlando Smith, Pablo Beimler, Tamara Hynd) with collaborative support from:

- State Division of Forestry and Wildlife (Mike Walker)
- University of Hawai‘i CTHAR Cooperative Extension (Dr. Clay Traurnicht)

Funding

- Hawai‘i State Grant-in-Aid Program, 2016
- U.S. Forest Service, Pacific Southwest Region, under the terms of Grant No. 16-11052012-146 and No. 17-DG-11052012-143. USDA is an equal opportunity provider and employer.

HWMO Photo Credits:

Elizabeth Pickett
Lele Kimball
Melissa Kunz
Orlando Smith
Pablo Beimler
Tamara Hynd

Cover Photo: View of West Maui mountains and Mā‘ala‘ala. Photo Credit: HWMO



Collaborative Action Planning Workshop at Wailuku. Photo Credit: HWMO

A Collaborative, Landscape-Level Approach to Reduce Wildfire Hazard Across Hawai'i

CONTENTS

Project Summary	1
Wildfire Hazard Across Maui	2
The Value of Being Proactive About Wildfire Is Enormous!	3
Why Focus on Vegetation Management?	4
Maui Areas of Concern and Prioritized Actions: 2018 Collaborative Action Planning on Vegetation Management	5
What's Already Happening on Maui? 2018 Rapid Mapping Assessment of Vegetation Management	11
Appendix A: Collaborative Action Planning Participant Input List	26
Appendix B: Rapid Mapping Assessment Data Collection Details	28
Appendix C: Resources	29



In case of
fire jargon

Glossary of Terms

Fuel/ Hazardous Vegetation

Flammable vegetation.

Fuel Load

How much flammable vegetation is there, how dense, how tall, how much will burn if ignited?

Vegetative Fuels Management Activities

Any vegetation management activity that reduces wildfire hazard (whether that is its sole purpose or a positive byproduct of the activity).

PROJECT SUMMARY

Vegetation Management and Wildfire in Hawaii

In Hawaii, wildfire has devastating impacts on our communities and native ecosystems. With land use and climate changes, wildfire is a significant and growing hazard in many places across Hawaii.

Research in wildfire science shows that vegetation is a key ingredient in the recipe for recurring wildfire. **Vegetation management is essential for wildfire hazard mitigation strategies that reduce wildfire hazard; create safer conditions for firefighters; and serve as key climate adaptation strategies** for our communities, economies and environment.

Fire follows fuel and the impacts do not abide by property boundaries. Therefore, **reducing wildfire hazard is a landscape-level issue that we need to collaboratively tackle together to create safer and more wildfire resilient communities.**

Project Background

In 2015, the Hawai'i Wildfire Management Organization (HWMO) Technical Advisory Committee, comprised of more than 35 fire and natural resource experts from across the state, initiated this project to:

- Better understand all of the important **wildfire hazard reduction already happening** by diverse land managers;
- Identify and **prioritize actions** that address the island-wide wildfire issue to **optimize expenditures** and efforts, and **maximize protection** at the landscape-scale;
- **Kick-start collaboration**, share information, and **integrate fire-thinking into current activities** to address the cross-boundary wildfire risk.

This Maui Report is one of six island reports developed to share input from professionals and community that participated in the statewide 2018-19 Rapid Mapping Assessment of Vegetation Management and Collaborative Action Planning Workshops. Additionally, a Statewide Summary Report was created to summarize findings across the state.

Rapid Mapping Assessment of Vegetation Management

During 2018-2019, HWMO contacted all large landowners with >1% of the island area and agencies managing vegetation. A majority participated in the mapping project.

Across Hawai'i, **128 groups** contributed to the Rapid Mapping Assessment of Vegetation Management including:

- Agencies such as highways maintenance, parks, military, utilities;
- Businesses in farming, ranching, forestry, and tourism;
- Non-profits, watershed partnerships, and community groups.

Maui Rapid Mapping Assessment Summary Findings:

- ~ **217,000 acres** and **560 miles** of **current** firebreaks, fuel reduction or fuel conversion mapped on Maui.
- ~ **132,000 acres** and **90 miles** of **needed** firebreaks, fuel reduction or fuel conversion mapped on Maui.

Collaborative Action Planning Workshops

Professional and community input on priority action was collected through Collaborative Action Planning Workshops held in all four counties across Hawai'i during 2018-2019. The **182 participants** statewide represented diverse groups including agency representatives, emergency responders, land owners, community groups, technical experts, ranchers, planners, legislative representatives, businesses, and more.

Maui Collaborative Action Planning Workshop Summary:

A workshop was held on Maui with a total **41** participants. Areas of concern were identified through a collaborative mapping process and prioritized actions are presented in the format of "What's the Issue" and "What Can We Do" based on participant discussion and prioritization. All concerns and suggested actions are captured in *Appendix A: Participant Input Lists*.

Themes that emerged in multiple workshops across the state are summarized in the *Hawai'i Statewide Summary* (separate report).

Online Survey

As a follow-up, HWMO conducted a brief online survey targeted at anyone managing vegetation. Selected results from the **87 survey respondents** are presented throughout the reports.

WILDFIRE HAZARD ACROSS MAUI

THE PROBLEM? — Fire follows fuel...and vegetation is fuel!

Wildfires do not recognize fences or ownership boundaries.

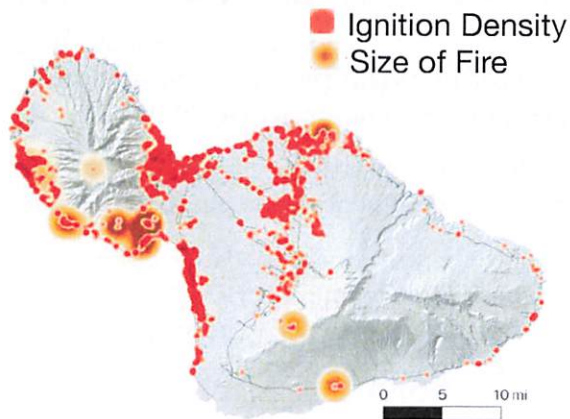
Ignitions



Fuel (Hazardous Vegetation)



High Wildfire Risk

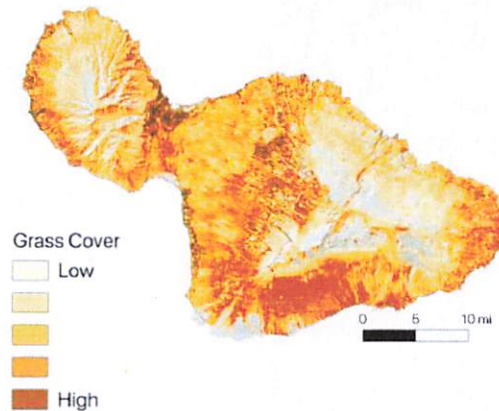


People Spark Fire

In Hawai'i, most **wildfires are caused by people**. The majority are accidental, and are started by hot exhaust, sparks from equipment, open fires, cigarettes, fireworks, and more.

These ignitions often occur along **roadsides** and **community boundaries**.

Source: HWMO 2002-2012 data



Fire Follows Fuel

Dry grass and other fine fuel is quick to ignite. Some invasive, fire-prone grasses including fountain grass and guinea grass benefit and spread with wildfire. They are the first to regrow after a burn, choking out native plant communities and **increasing fire risk**.

Source: UH Manoa 2018



Widespread Impacts

Professionals and community dealing with the impacts of wildfire have identified **priority areas** where wildfire **hazard and values at risk overlap**.

Source: HWMO 2019 Action Planning Workshop data

THE SOLUTION? — Collaborative, cross-boundary vegetation management.

Reducing wildfire hazard and protecting our future requires a landscape-scale, all-hands approach to strategically coordinate limited funding and human resources. Together we can achieve multiple benefits and win-win solutions.

THE VALUE OF BEING PROACTIVE ABOUT WILDFIRE IS ENORMOUS!

Vegetation management and wildfire hazard mitigation strategies reduce wildfire hazard, create safer conditions for firefighters, and serve as key climate adaptation strategies for our communities, economies and environment.

Multiple Benefits — Value of Being Proactive:

- ❖ Healthy, functioning ecosystems
- ❖ Safe communities and businesses
- ❖ Productive landscapes

Reactive Cost of Fire Response:

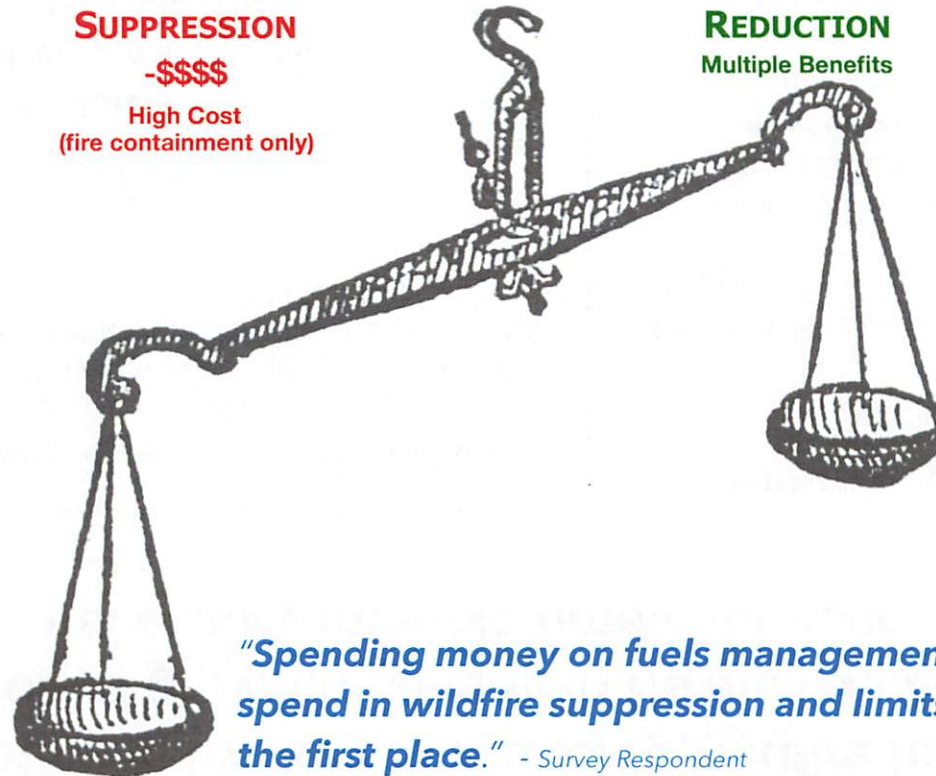
- \$ **Money spent on emergency response**, personnel, firetrucks, helicopters, fuel, equipment, etc.
- \$ **Damage to infrastructure** — costs to repairs/rebuilding
- \$ **Destruction of irreplaceable native ecosystems** and subsequent **increased wildfire hazard**
- \$ **Damage to coastal resources** of community, and tourism and economic value
- \$ **Health costs** associated with smoke and other impacts
- \$ **Need for National Guard or FEMA response**

REACTIVE FIRE SUPPRESSION

-\$\$\$\$

High Cost
(fire containment only)

PROACTIVE HAZARD REDUCTION Multiple Benefits



Proactive Benefit of Prevention:

- ✓ **Comparatively lower \$ spent for active management of landscape** than fighting wildfires and recovering after fires have burned lands, homes, and infrastructure.
- ✓ Proactive activities that are more **cost-effective** than waiting until a firefighting response is required and urgent include:
 - **Preventing ignitions** through public education
 - **Reducing wildfire spread** potential through **vegetation management**
 - Developing quick and easy **access for firefighting and evacuations**

"Spending money on fuels management reduces the amount we spend in wildfire suppression and limits the potential for fire in the first place." - Survey Respondent

(Question: Why is vegetation management important from your perspective?)

WHY FOCUS ON VEGETATION MANAGEMENT?

Managing vegetation is the key to reducing wildfire hazard at all scales! Due to the year-round growing season in Hawai'i, maintenance is often necessary multiple times per year.

Fire Can Only Burn Where There Is Fuel to Burn

What makes vegetation hazardous? As plants dry out during dry or drought periods they become flammable, and are thus called **hazardous vegetation or hazardous fuel**. Hazardous vegetation can be dried grass, leaf litter, shrubs, or trees with dead branches. These types of vegetation ignite easily and “add fuel to the fire.”

Recipe for Fire

Long-term, big picture perspective
↓

- Flame (Does fire start?):
Key Factors: **Fuel**, oxygen and ignition
- Wildfire (Where does wildfire burn?):
Key Factors: **Fuel/hazardous vegetation**, weather, and **topography**
- Fire Regime (How does wildfire reoccur?):
Key Factors:
 - **Vegetation:** Is it hazardous?
 - **Climate:** Are there fire weather conditions?
 - **Ignitions:** What is the social and land-use context? (i.e. people's behavior and natural ignitions)

Adapted from the three “fire triangles”

Vegetation as fuel is a key ingredient for wildfire.

Wildfire Hazard Mitigation Strategies

How to Reduce the Spread and Impacts of Wildfire:

- **Firebreaks:** Strategic integration of fire infrastructure including **firebreaks around our communities and important resources** during planning and development stages can provide access for firefighters; break the continuity of fuel to passively slow the spread of wildfire across the landscape; and serve as emergency egress when wildfire is coming from a different direction.
- **Fuel Reduction:** Immediate action to **reduce fuel and breaking the connectivity of fuel to our valued resources** (e.g. ladder fuel reduction, managed grazing).
- **Fuel Conversion:** Long-term **conversion of our landscapes to be less burnable** (e.g. Firewise community practices, active agriculture and native restoration efforts).



Maui Areas of Concern and Prioritized Actions:

2018 COLLABORATIVE ACTION PLANNING ON VEGETATION MANAGEMENT

Qualitative Project Findings



Professionals and community came together to identify areas of concern and discuss and prioritize actions to reduce wildfire hazard. Input was gathered through an Action Planning Workshop held on Maui with **41** participants representing diverse groups including:

- Land owners
- Agencies
- Emergency responders
- Community groups
- Community members
- Technical experts
- Ranchers
- Businesses
- Planners
- Legislative representatives
- And more...

The following *Maui Priorities* are summaries of actions prioritized by workshop participants.

Achievability of priorities was not evaluated and any specific planning effort should include additional place-based input and best practices.

All concerns, proposed actions, and number of votes can be found in *Appendix A: Participant Input Lists*.

See [Appendix C](#) for more resources on best practices.



Maui Summary

2018 Collaborative Action Planning Workshop

Highlighted Concerns and Priority Actions

What Are the Issues?

- There Are 'Hotspot Areas' with Recurring Fire Starts that Threaten Critical Infrastructure
- Fire Infrastructure Needs Regular Funding for Maintenance But Currently Lacks Funding
- Green Waste Dumping and Overgrown Vegetation Creates Wildfire Hazard in Communities



What Can Be Done? (Top Recommendations)

- Protect Infrastructure and Prevent Wildfires
- Integrate Fire-Thinking in Long-Term Planning and Policies Supportive of Landscape-Level Vegetation Management
- Make Green Waste Removal Easy and Accessible



Collective Areas of Concern Collaborative Mapping Process

1. First, Collaborative Action Planning Workshop participants identified and drew areas that contain "Values at Risk" on a map of Maui.
2. Next participants identified areas where there are **hazardous fire conditions** due to **fuel load, fire weather, and a history of ignitions**.
3. Once all of these areas were drawn on the map, each participant was asked to use stickers to identify their priorities for **where to start first for hazard reduction activities**.

This process generated the heat map to the right.

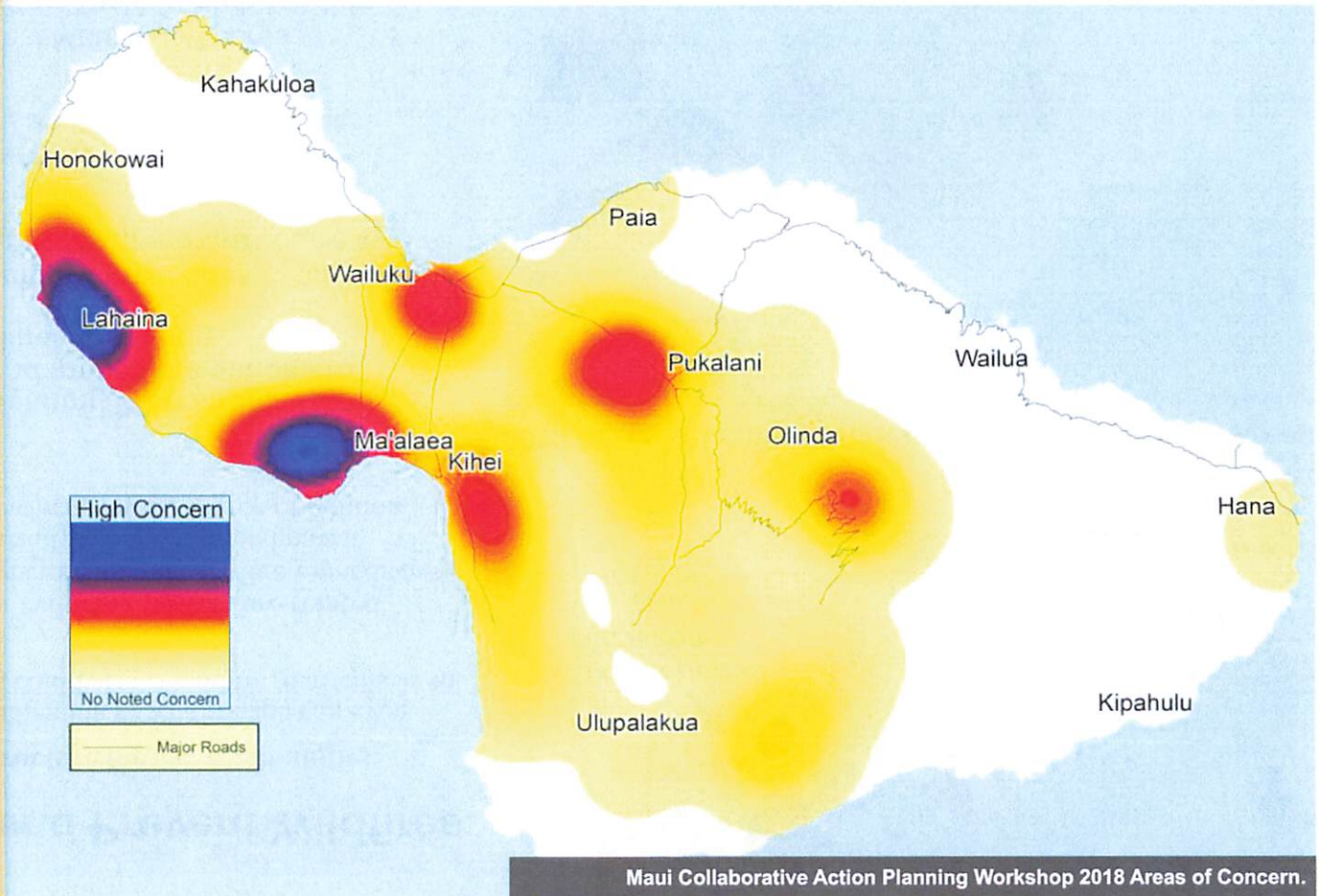
Collaborative Prioritization Process

1. Participants discussed their concerns related to priority areas and brainstormed possible solutions/ actions.
2. After discussing next step actions and solutions, participants voted on their **priority actions**.

The following *Maui Priorities* are summaries of priority actions voted on by workshop participants.

Achievability of priorities was not evaluated and any specific planning effort should include additional place-based input and best practices.

All concerns, proposed actions, and number of votes can be found in *Appendix A: Participant Input Lists*.



Values at Risk is fire jargon for the things that matter to us, **resources or areas that we want to protect from wildfire**. These include:

- **Community areas** e.g. homes, hospitals, schools, parks
- **Municipal infrastructure** e.g. roads, power, water

- **Natural resource areas** e.g. watersheds, makai reefs, water resources, species and ecosystems
- **Cultural resources** e.g. places of cultural heritage, substance gathering areas, significant ecosystems, water resources, soil resources, makai reefs
- **Livelihood areas** e.g. tourism, businesses, agricultural lands (grazing lands/ forestry, farming)

What's the Issue?

There Are 'Hotspot Areas' with Recurring Fire Starts that Threaten Critical Infrastructure

What Can We Do?

Protect Infrastructure and Prevent Wildfires



Power lines are critical infrastructure for our communities.

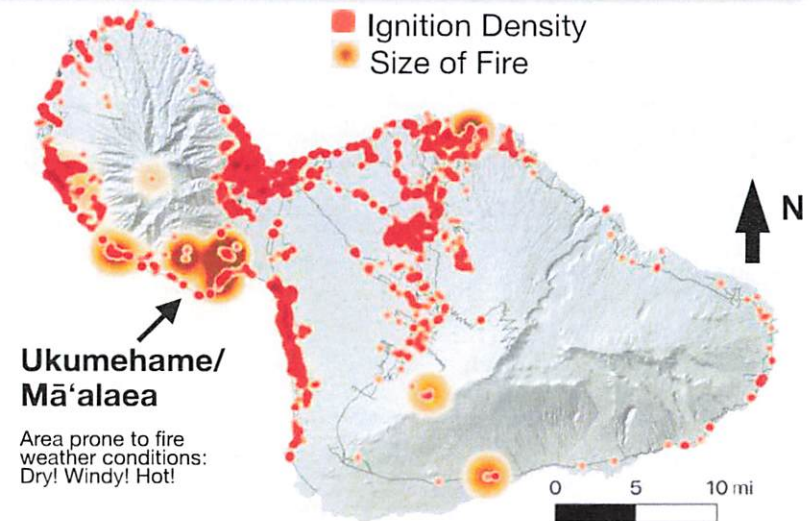
Aboveground power lines are vulnerable to wildfire and can even provide the ignition (sparks) that could start a wildfire, particularly in windy or stormy conditions.

There are long-term solutions for **reducing power line-related wildfire hazards** such as infrastructure upgrades. More immediate solutions include fuels reduction and firebreaks around power infrastructure in "hotspot" areas whichever the source of ignition.

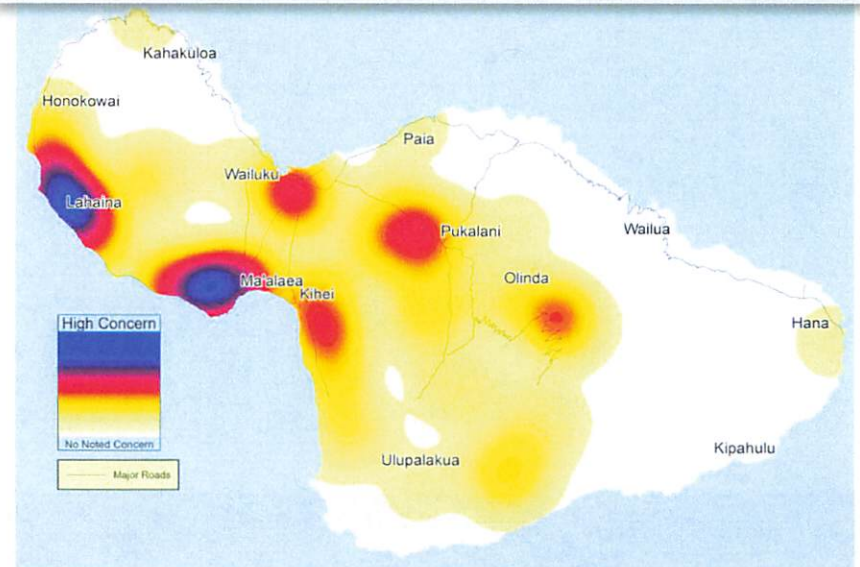
During the Collaborative Action Planning Workshop, participants identified long-term and immediate actions to reduce wildfire starts near power lines including:

- **Clear around transformers and under power lines** to address the frequent ignitions and **protect important infrastructure** in Ukumehame/Mā'alaea.
- **Update/improve/bury power lines to address power line-related ignitions**, particularly in dry and windy areas such as Ukumehame/Mā'alaea.
- Use **strategic grazing** such as "West Maui Goat" herds (available across West Maui) to **reduce fuels in high ignition areas** including near power lines in Ukumehame/Mā'alaea.
- Increase enforcement for homeless camps in the area.

Maui Fire History 2002-2012



2018 Action Planning Workshop Highest Concern Areas





What's the Issue?

Fire Infrastructure Needs Regular Funding for Maintenance But Currently Lacks Funding

What Can We Do?

Integrate Fire-Thinking in Long-Term Planning and Policies Supportive of Landscape-Level Vegetation Management

The value of prevention vastly outweighs the cost. This becomes evident as we tally the costs of wildfire from the emergency response costs, losses of property and resources, and long-term negative impacts on our communities and habitat.

When it comes to prevention, maintenance is the key, and requires stable, long-term funding.

By **integrating fire-thinking into existing activities and plans**, limited resources can go a lot further.

Developers and planners can create safer communities by incorporating firebreaks, green breaks, and fuel reduction buffers that protect properties and adjacent wildland areas.

These firebreaks and green breaks surrounding communities can be integrated into land development and function also as emergency access or routes, public greenspace or open space, active living paths, etc. for **multiple benefits**.



Golf courses and other recreation areas that are frequently maintained have lower fire risk. These converted landscapes could help buffer our homes and communities from higher hazard wildland areas. Photo Credit: HWMO

During the Collaborative Action Planning Workshop, participants identified numerous maintenance actions needed including:

- **Include dip tanks in an integrated wildfire management plan with ongoing maintenance**, particularly in remote, fire-prone areas such as Kahikinui.
- Establish **sustained funding source** for establishment and **maintenance** of wildfire infrastructure.
- **Increase roadside maintenance** particularly in areas with high fuel loads and ladder fuels such as the pine plantation outside Haleakalā National Park.
- Create a whole-island, whole-county **prevention and vegetation management plan** with focus on sources of wildfire (e.g. roadsides, power lines, encampments, etc.).
- **Establish and maintain fuel breaks around communities**, particularly in areas of patch urban areas and wildland such as Kahului/Wailuku areas.
- **Maintain firebreak access system** particularly in remote, fire-prone areas such as Kahikinui.

What's the Issue?

**Green Waste Dumping and
Overgrown Vegetation Creates
Wildfire Hazard in Communities**

What Can We Do?

**Make Green Waste Removal Easy and
Accessible**

Piles of dead branches backing up to fencelines can be wildfire hazards for communities.

Some Firewise communities have taken on this challenge through both **education of residents about these wildfire hazards and making it easy to get rid of green waste** through green waste dumpsters in the community or mulching/chipper community days.

We need to make it as easy as possible for people to choose to safely deal with their green waste.



Green waste removal.

Collaborative Action Planning Workshop participants identified actions that would help alleviate green waste dumping at the island and community scale, including:

- Enhance **access to green waste dumpster/chipper programs**, particularly in communities where urban and rural development mix such as Kahului/Wailuku areas.
- Implement **green waste bins at recycling centers**, particularly helpful if they are accessible during weekends and extended hours.
- Implement **fuels management educational program** for small landowners including agricultural and residential.

What's Already Happening on Maui?

2018 RAPID MAPPING ASSESSMENT OF VEGETATION MANAGEMENT

Quantitative Project Findings

Rapid Mapping Assessment: Maui 2018 Snapshot	12
Wildfire Hazard Mitigation Strategies:	13
Firebreaks	13
Fuel Reduction	18
Fuel Conversion	22



Rapid Mapping Assessment

During 2018-2019, HWMO contacted all large landowners with >1% of the island area and agencies managing vegetation. A majority participated in the mapping project. Map contributors included agencies, community groups and businesses across the state.

What was mapped?

Current Areas: Land managers in Hawai'i were asked to identify and map areas where they manage vegetation in a way that reduces wildfire hazard either as the primary purpose or as a byproduct of other activities.

Some contributors identified specific areas where vegetation management was taking place while others identified broad areas within which some management was occurring.

In addition to mapping areas of vegetation management, land stewards identified reasons for managing vegetation, which methods were used, and how frequently they managed areas.

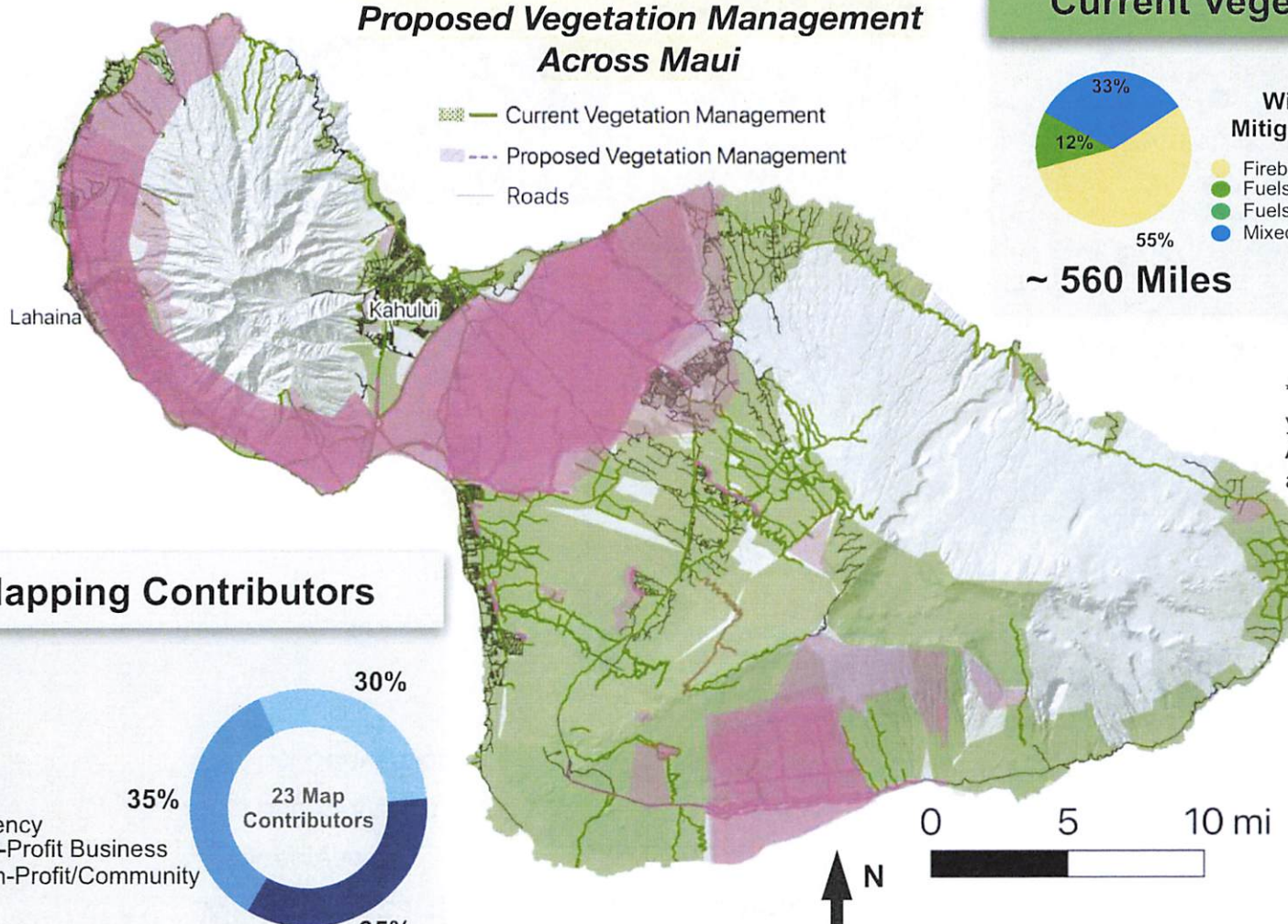
Proposed Areas: Mapping contributors were asked to identify priority areas in need of additional management of vegetation.

See *Appendix B* for all data collection methods.

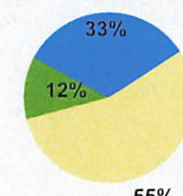


Rapid Mapping Assessment: Maui 2018 Snapshot

Current Vegetation Management and Proposed Vegetation Management Across Maui



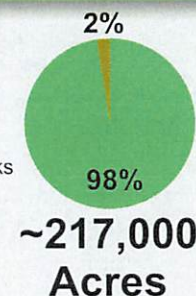
Current Vegetation Management



Wildfire Hazard Mitigation Strategies

- Firebreaks
- Fuels Reduction/ Fuel Breaks
- Fuels Conversion
- Mixed

~ 560 Miles



* Does this map not jive with what you see on the ground? See Appendix B for mapping methods and data collection details.

Mapping Contributors



Proposed Additional Vegetation Management

~ 90 Miles
~132,000 Acres

Mahalo to:

- Alexander & Baldwin
- Auwahi Forest Restoration Project
- Auwahi Wind Energy
- Bayer
- Maui County Department of Water Supply
- Department of Hawaiian Homelands
- State Department of Transportation Maui District
- DLNR Division of Forestry and Wildlife - Maui Nui
- Haleakalā Ranch
- Hāna Ranch
- Hawai'i Army National Guard
- DLNR State Parks Maui District
- Launiupoko Firewise Community
- Leeward Haleakalā Watershed Restoration Partnership (representing Kaupō Ranch, Kahikinui Firewise Committee, G.F. Thompson, Kaonoulu Ranch, Nu'u Mauka Ranch)
- Maui Cattlemen's Association
- Maui Electric
- National Park Service
- Skyline Conservation Initiative / Pohakuokala Gulch Restoration Project (skylineconservation.org)
- The Nature Conservancy
- U.S. Fish and Wildlife Service
- Vares Contracting, Inc. (www.VaresContracting.com)
- Waiohuli Firewise Community
- West Maui Mountain Watershed Partnership

Wildfire Hazard Mitigation Strategies: Firebreaks

Firebreaks: Infrastructure for Access and Defense!

A firebreak does not stop wildfire advancing on its own but provides access and a defensible line for firefighters.

The Takeaway:

Roads = firebreaks.

Firebreaks can double as emergency egress when wildfire is coming from a different direction.

The **greatest protection** occurs **when firebreaks are enhanced** with reduced flammability or quantity of fuel on either side and adequate access to water.

Runoff and erosion impacts for both established firebreaks and those created during an emergency response should be considered and mitigated.



Lahaina Pali Trail Fire. Even a well used footpath or mountain bike trail could be used as a firefighting asset. Photo Credit: West Maui Mountains Watershed Partnership

Launiupoko multi-use pathway and firebreak. Credited by residents as the critical infrastructure allowing firefighters to protect homes during a 2016 fire. Photo Credit: Gordon Firestein, Launiupoko Firewise Community

Wildfire Hazard Mitigation Strategies: **FIREBREAKS**

Snapshot 2018-19: Current & Proposed Firebreaks on Maui

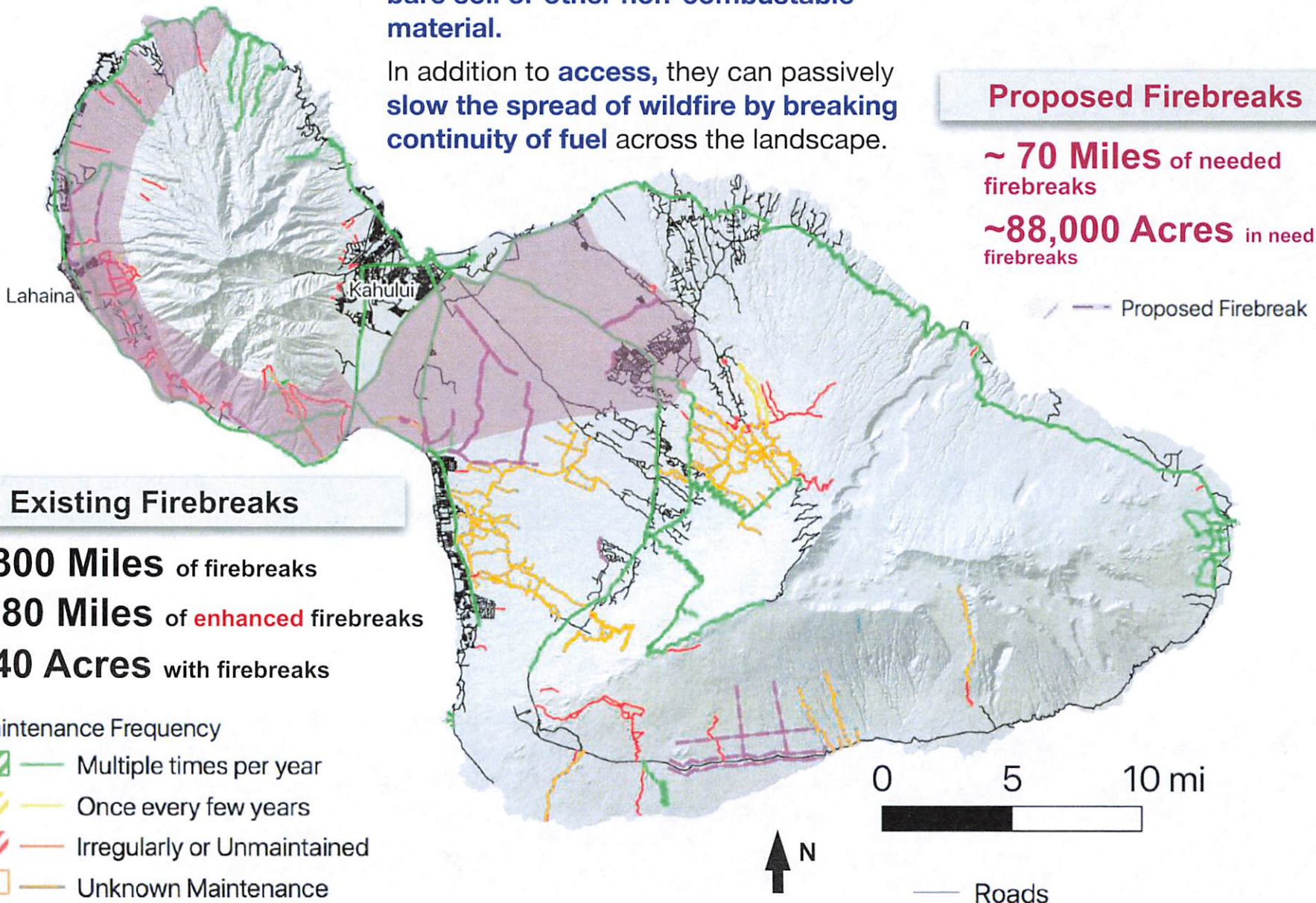
Firebreaks are typically scraped down to **bare soil or other non-combustable material**.

In addition to **access**, they can passively **slow the spread of wildfire by breaking continuity of fuel** across the landscape.

Proposed Firebreaks

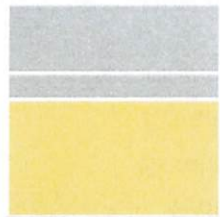
~ 70 Miles of needed firebreaks

~88,000 Acres in need of firebreaks



Wildfire Hazard Mitigation Strategies: **FIREBREAKS**

Maui Snapshot 2018-19: Miles of Existing Firebreaks

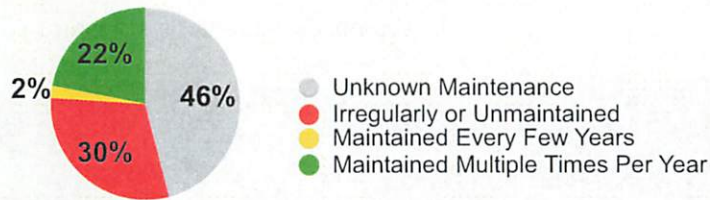


➡ **300 Miles**
Mapped

Roughly 300 miles of firebreaks were mapped by Maui land stewards.

How Are Maui Land Stewards Creating and Maintaining Firebreaks?

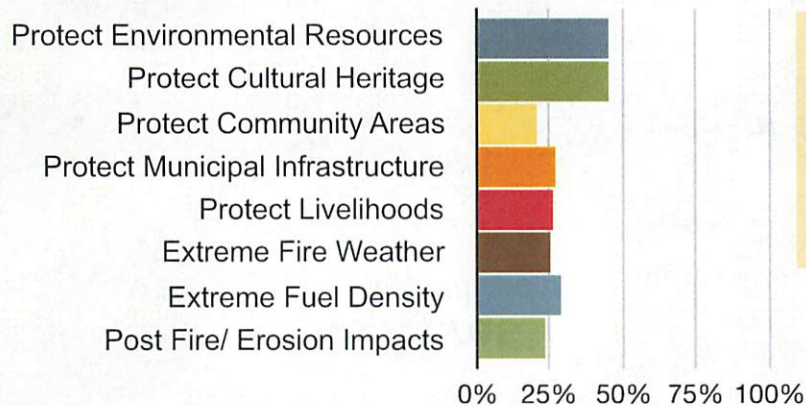
Maintenance Frequency of Existing Firebreaks



Self-reported maintenance frequency by mapping contributors.

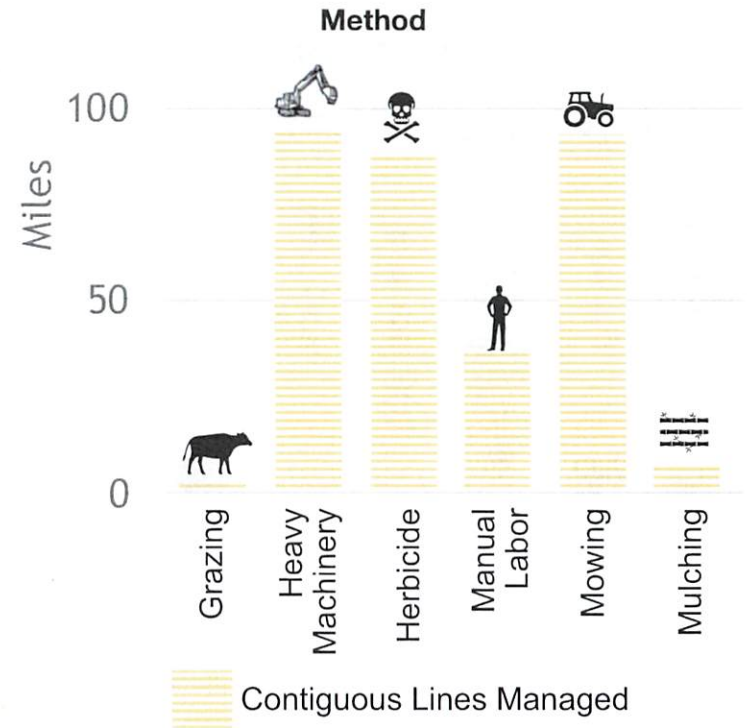
Only 22% of these miles are maintained multiple times per year. Firebreaks with irregular or unknown maintenance reported may not be as effective or safe for firefighters due to the rapid growth of vegetation in Hawai'i.

Reasons Why Firebreaks Are Established and Maintained on Maui



Firebreaks on Maui are created and maintained for diverse reasons.

Percentage of total miles of firebreaks on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.



In some instances multiple methods are used to manage the same area.

The most common methods used to maintain firebreaks are *heavy machinery, mowing, and herbicide*.

While mowing may not create a "firebreak" defined as "reduced to bare soil," access roads that are grassy and mowed do provide important firefighting infrastructure and may reduce erosion impacts or other externalities of completely bare firebreaks.

Wildfire Hazard Mitigation Strategies: **FIREBREAKS**

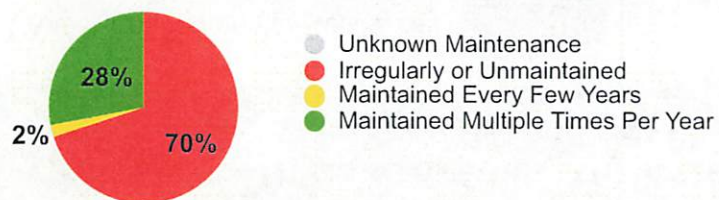
Maui Snapshot 2018-19: Acres With Existing Firebreaks



40 Acres
Mapped

Some mapping participants identified general areas where there are firebreaks, roughly 40 acres on Maui.

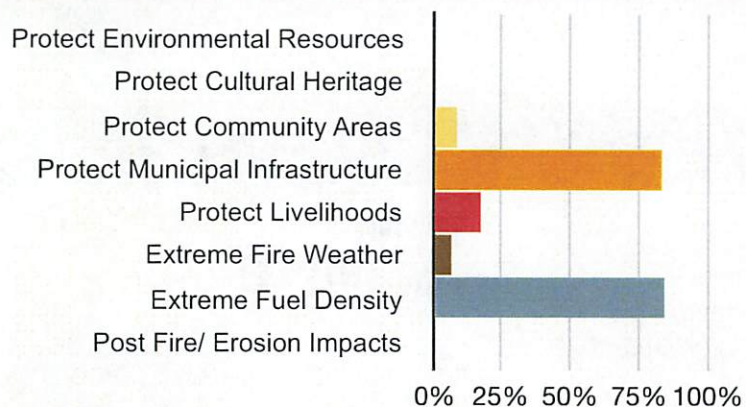
Maintenance Frequency of Existing Firebreaks



Self-reported maintenance frequency by mapping contributors.

Most of these areas are irregularly or unmaintained.

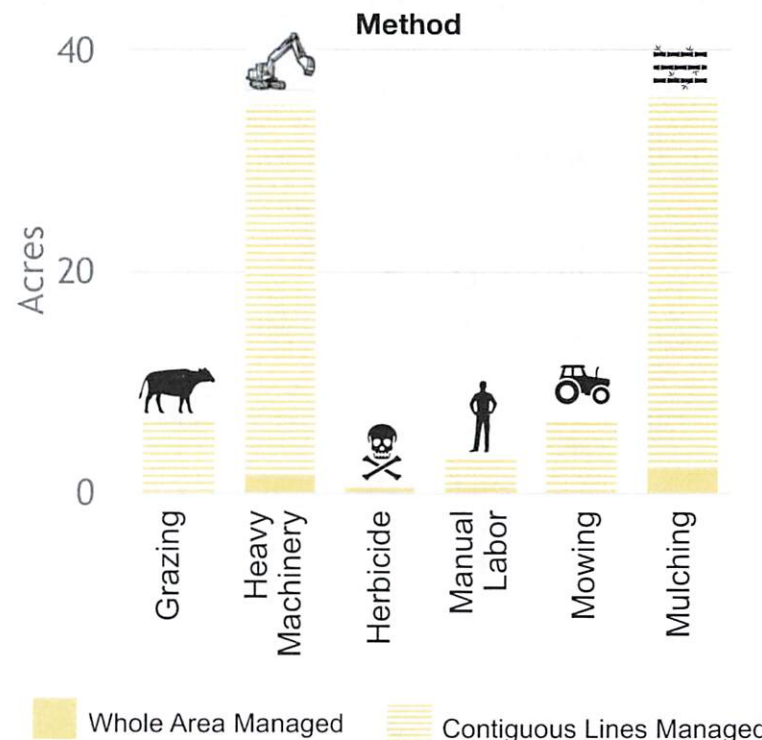
Reasons Why Firebreaks Are Established and Maintained on Maui



Percentage of total acres with firebreaks on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

These areas are managed to *protect municipal infrastructure* (e.g. power lines, communication towers, water facilities, etc.) particularly when there is *extreme fuel density*.

How Are Maui Land Stewards Creating and Maintaining Firebreaks?



In some instances multiple methods are used to manage the same area.

In these areas, the most commonly reported methods are *heavy machinery* and *mulching*. Likely, these methods are combined using the heavy machinery to mulch otherwise hazardous woody vegetation.

Although mulch can still burn, it does so much more slowly than standing fuel and only burns on the ground making it safer for firefighters and slows the progression of wildfire.

Wildfire Hazard Mitigation Strategies: **Enhanced FIREBREAKS**

Maui Snapshot 2018-19: Miles of Enhanced Firebreaks



Enhanced firebreaks provide the greatest protection to firefighters, because as a wildfire approaches, it loses intensity if there is less fuel to burn. When there is also adequate access to water, even better.

Lines mapped as both firebreaks and fuel reduction are considered enhanced firebreaks. Many roads are enhanced firebreaks due to the wide pavement or gravel surface and fuel reduction on either side.

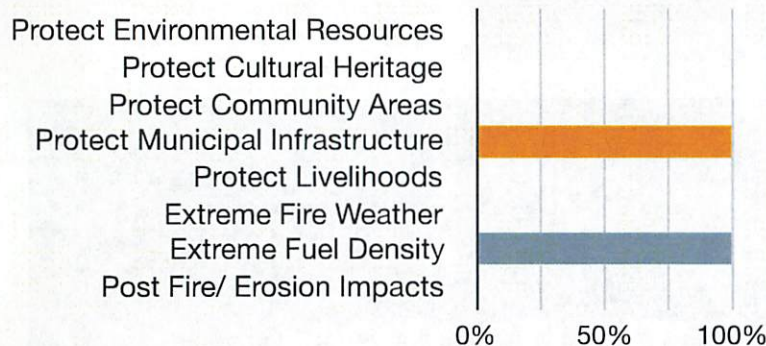
Maintenance Frequency of **Enhanced** Firebreaks



Self-reported maintenance frequency by mapping contributors.

Interestingly, nearly all miles of enhanced firebreaks are *maintained multiple times per year*, likely reflecting the ongoing fuel reduction needs of vigorous vegetation growth and multiple growing seasons in Hawai'i.

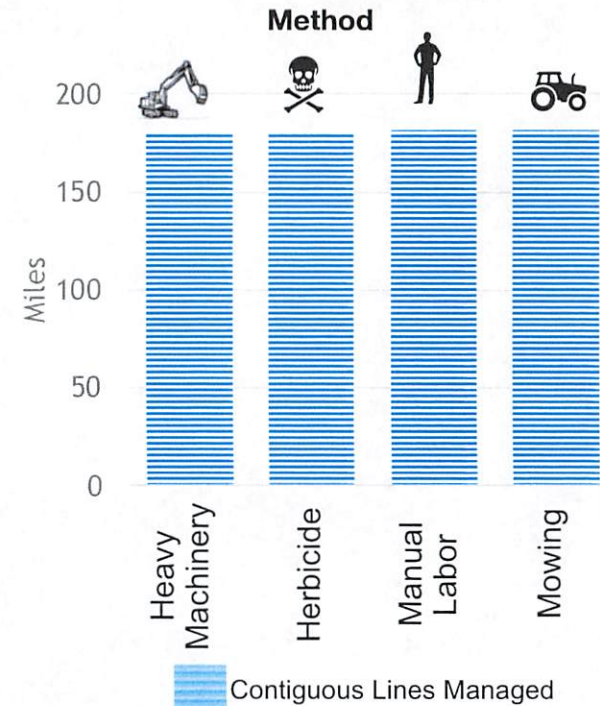
Reasons Why **Enhanced** Firebreaks Are Established and Maintained on Maui



Percentage of total miles of enhanced firebreaks on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

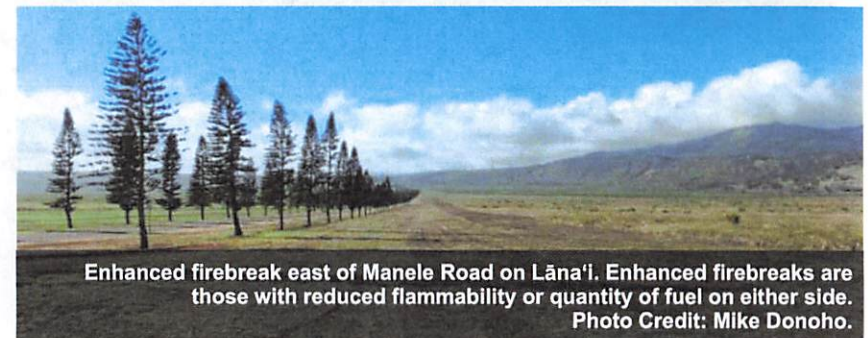
Enhanced firebreaks are maintained to *protect municipal infrastructure* and due to *extreme fuel density*.

How Are Maui Land Stewards Creating and Maintaining **Enhanced** Firebreaks?



In some instances multiple methods are used to manage the same area.

Multiple methods are used together to maintain enhanced firebreaks.



Fuels Reduction: Decrease how much is available to burn!

Fuels reduction is an immediate action that can significantly reduce wildfire hazards.

The Takeaway:

Fuels reduction areas can require **frequent maintenance and active management.**

Linear fuel reduction, or fuel breaks, slow the spread of wildfire and are beneficial along roadsides and other areas with frequent ignitions.

In Hawai'i, it only takes a few rainstorms for vegetation to re-grow and if unmanaged, **vegetation becomes hazardous fuel during the next dry spell or drought.**



Wildfire Hazard Mitigation Strategies: **FUELS REDUCTION**

Snapshot 2018-19: Current & Proposed Fuels Reduction on Maui

Fuels reduction activities **reduce the amount of burnable vegetation** to **slow the spread of wildfire** and break continuity of fuel across the landscape.

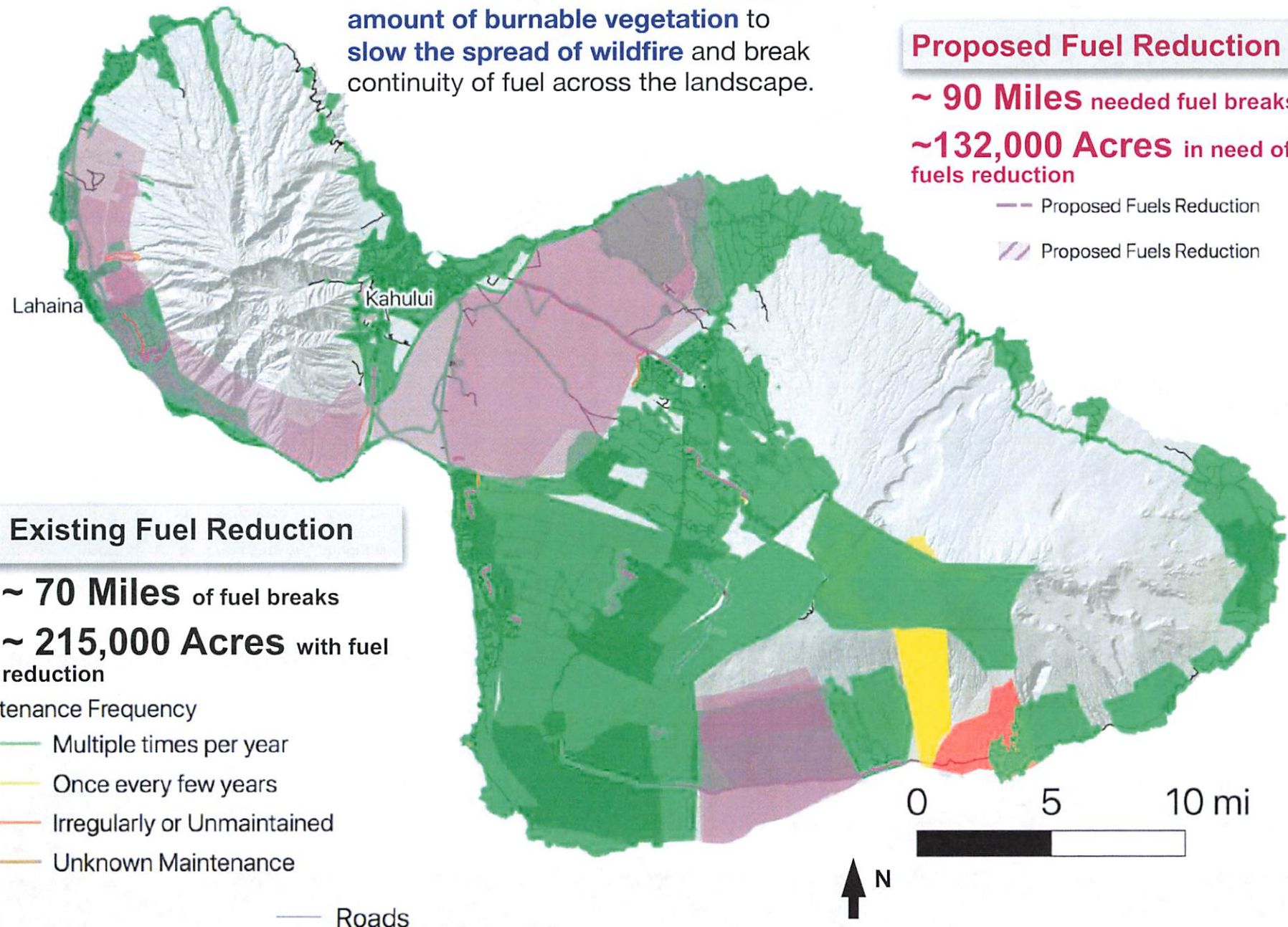
Proposed Fuel Reduction

~ 90 Miles needed fuel breaks

~132,000 Acres in need of fuels reduction

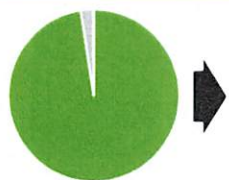
— Proposed Fuels Reduction

— Proposed Fuels Reduction



Wildfire Hazard Mitigation Strategies: **FUELS REDUCTION**

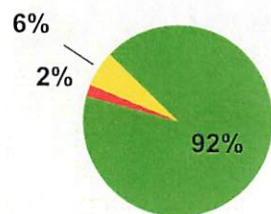
Maui Snapshot 2018-19: Acres of Active Fuels Reduction



**215,000
Acres
Mapped**

On Maui, fuel reduction is by far the most common vegetation management strategy reported with roughly 215,000 acres.

Maintenance Frequency of Fuel Reduction

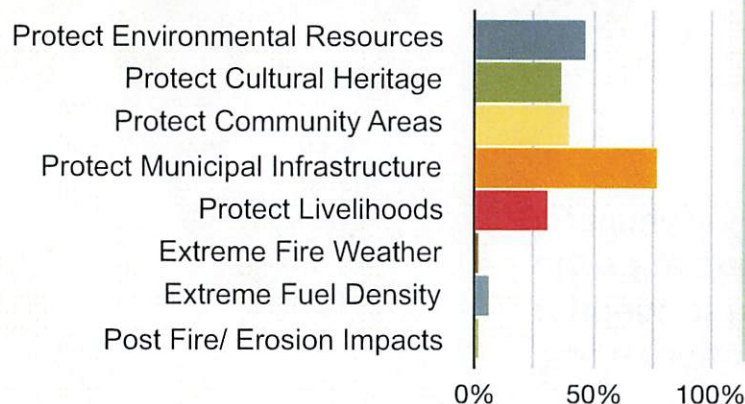


- Unknown Maintenance
- Irregularly or Unmaintained
- Maintained Every Few Years
- Maintained Multiple Times Per Year

Most areas are actively managed and *maintained multiple times per year.*

Self-reported maintenance frequency by mapping contributors.

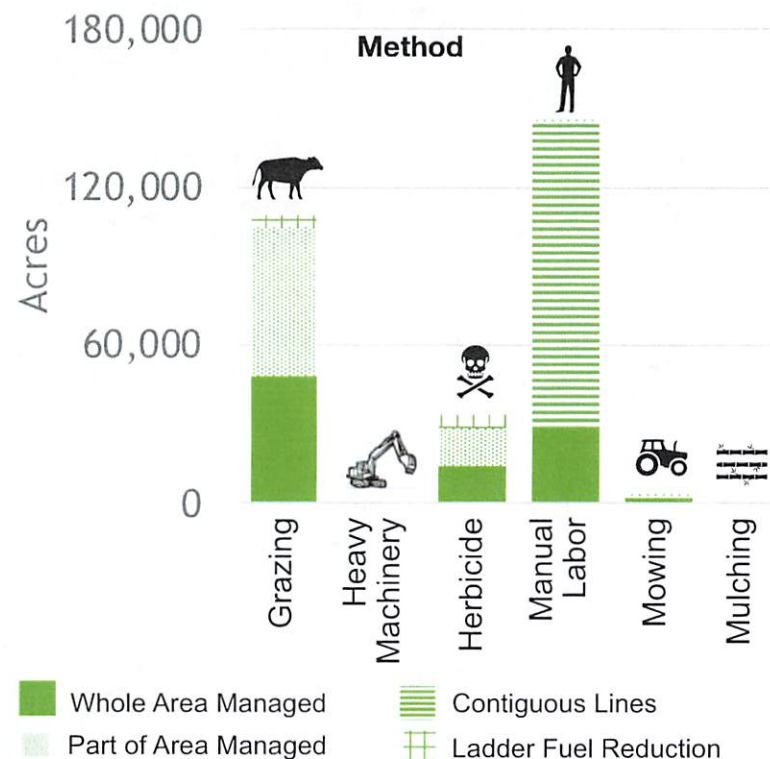
Reasons for Acres of Fuel Reduction on Maui



Fuel reduction is occurring for multiple reasons. The most area of fuel reduction on Maui is managed to *protect municipal infrastructure.*

Percentage of total acres of fuel reduction on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

How Are Maui Land Stewards Reducing Fuel?



- Whole Area Managed
- Part of Area Managed
- Contiguous Lines
- Ladder Fuel Reduction

In some instances multiple methods are used to manage the same area.

While there are more total acres reported as managed with *manual labor*, *grazing* has a greater acreage where whole area is managed. The areas where contiguous lines are managed with manual labor are primarily areas beneath and around power lines.

Most of the area reported is only *partly managed* or *contiguous lines* of fuel reduction are managed. Even so, a patchwork of reduced fuel can significantly slow the spread of wildfire across a landscape. Both reduction of flashy fuels such as grasslands and reduction of woody vegetation is occurring.

Wildfire Hazard Mitigation Strategies: **FUELS REDUCTION**

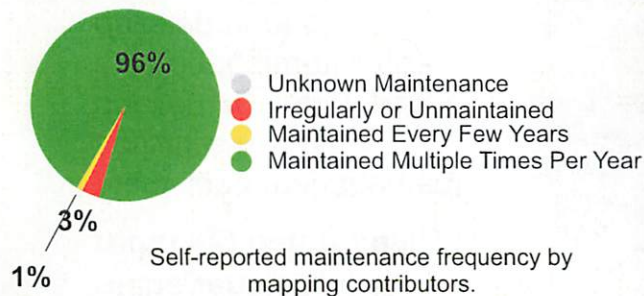
Maui Snapshot 2018-19: Miles of Active Fuels Reduction



➔ **70 Miles**
Mapped

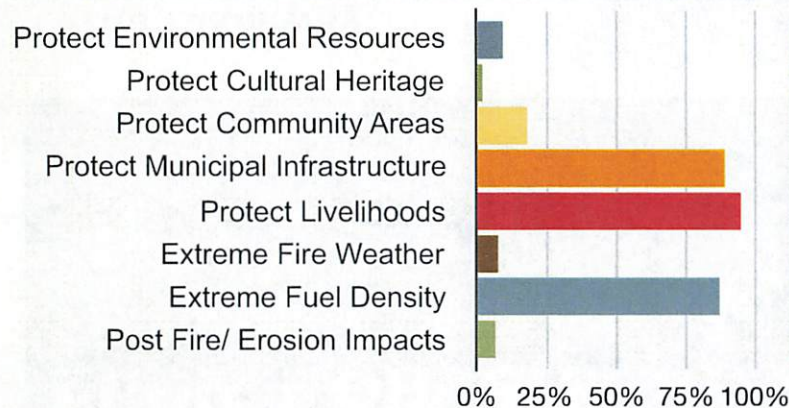
Land stewards on Maui mapped roughly 70 miles of fuel breaks, or linear fuel reduction.

Maintenance Frequency of Fuel Breaks



Most areas mapped are *maintained multiple times per year*. When it comes to reducing wildfire hazard, regular, consistent maintenance is important and reliable maintenance funding is needed to respond to year-round growing seasons.

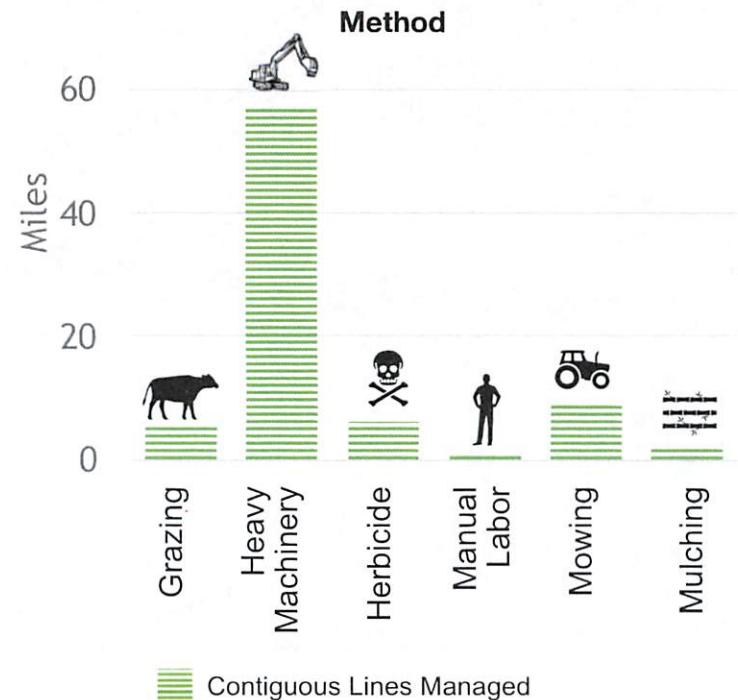
Reasons for Fuel Breaks on Maui



Percentage of total miles of fuel reduction on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

The reasons reported for most acres managed are *protecting livelihoods, municipal infrastructure, and due to extreme fuel density*.

How Are Maui Land Stewards Reducing Fuel?



In some instances multiple methods are used to manage the same area.

The most common method reported for linear fuel reduction is *heavy machinery*.

Other methods including *grazing, herbicide, manual labor, mowing, and mulching* are also used at the site-scale.

Fuels Conversion: Make It Less Burnable!

A long-term solution to reducing wildfire risk at the landscape scale.

Benign Neglect

Higher Fire Risk

(e.g. fallow agriculture, landscapes invaded by fire-promoting species; unmaintained vegetation around homes and community areas)



Actively Managed Landscapes

Lower Fire Risk

(e.g. active agriculture, targeted invasive species removal, maintained homes and community areas)

The Takeaway:

Fuels conversion is a long-term approach to reducing wildfire hazard through **active land management and reducing flammability**.

Many land management activities result in converting fuel whether it be agricultural lands, development of community and recreational areas, or removal of invasive species.

Including fire-thinking in these ongoing activities provides multiple benefits.



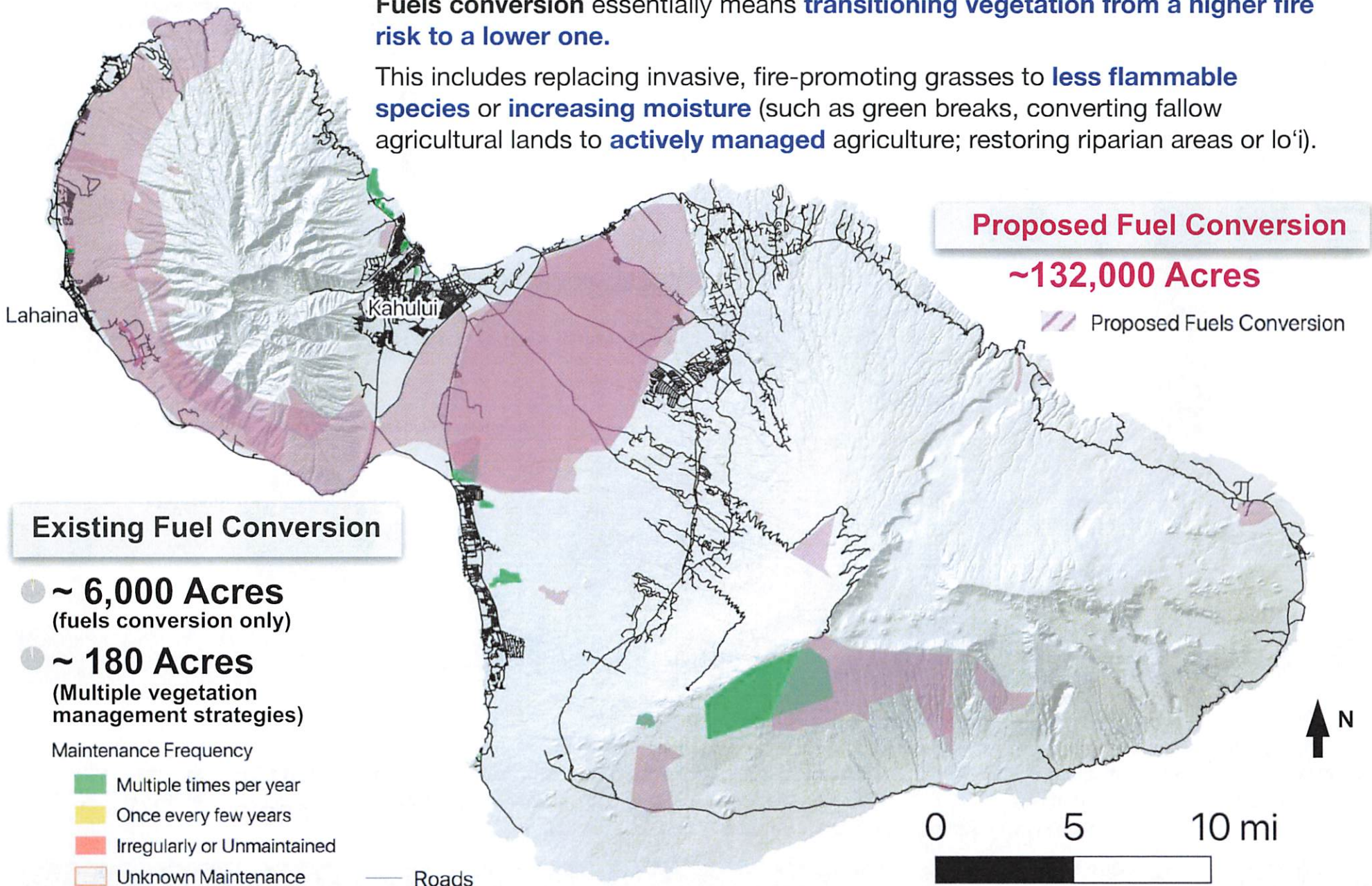
Auwahi Forest Restoration Project on leeward Haleakala, Maui.

Wildfire Hazard Mitigation Strategies: **FUELS CONVERSION**

Snapshot 2018-19: Current & Proposed Fuels Conversion on Maui

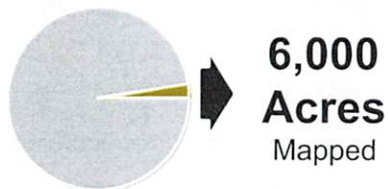
Fuels conversion essentially means **transitioning vegetation from a higher fire risk to a lower one**.

This includes replacing invasive, fire-promoting grasses to **less flammable species** or **increasing moisture** (such as green breaks, converting fallow agricultural lands to **actively managed** agriculture; restoring riparian areas or lo'i).



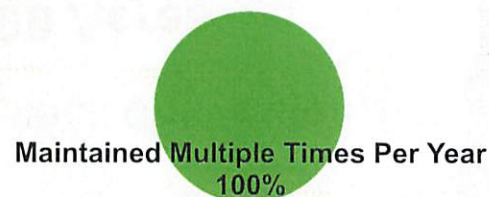
Wildfire Hazard Mitigation Strategies: **FUEL CONVERSION**

Maui Snapshot 2018-19: Acres of Active Fuel Conversion



Mapping participants identified roughly 6,000 acres of fuel conversion on Maui. Interestingly, roughly 132,000 acres were proposed as needing fuels conversion (that is more than 20 times the area currently managed). Likely, this is due to the vast acreage of fallow agricultural land in central Maui. Abandoned agricultural land due to shifting industry economics is a common thread across the Hawaiian Islands that has led to increased wildfire hazard.

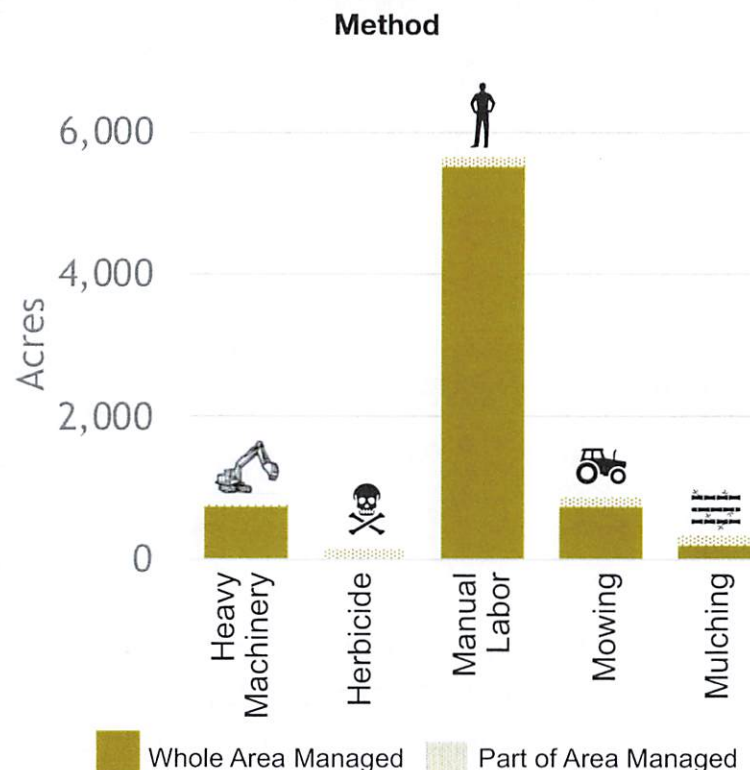
Maintenance Frequency of Active Fuel Conversion



Fuel conversion areas on Maui reported maintenance *multiple times per year*.

Self-reported maintenance frequency by mapping contributors.

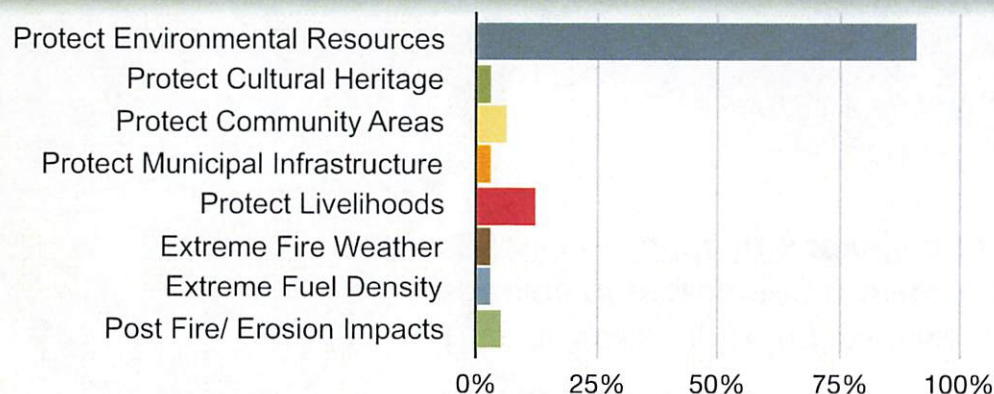
How Are Maui Land Stewards Are Implementing Fuel Conversion?



In some instances multiple methods are used to manage the same area.

The majority of this area is managed with *manual labor*.

Reasons for Acres of Fuel Conversion on Maui



Percentage of total acres of fuel conversion on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

The majority of these areas are forest restoration projects managed for *protection of environmental resources*.

Wildfire Hazard Mitigation Strategies: **MULTIPLE STRATEGIES**

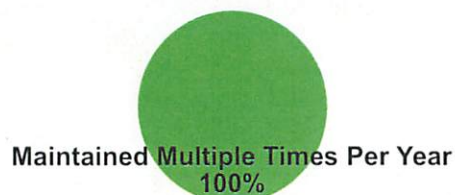
Maui Snapshot 2018-19: Acres With Multiple Hazard Mitigation Strategies



**180
Acres**
Mapped

Land stewards on Maui mapped roughly 180 acres managed using integrated strategies such as maintaining firebreaks, fuels reduction, and fuels conversion. Likely these are in and around communities as developed land also converts fuel.

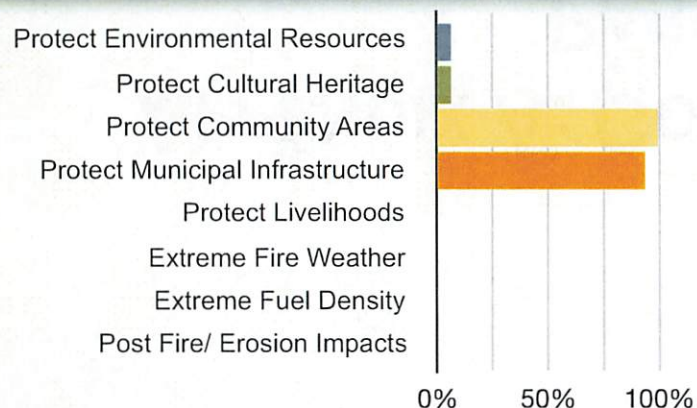
Maintenance Frequency of Areas With Multiple Strategies



Areas with multiple ongoing strategies are actively managed and *maintained multiple times per year.*

Self-reported maintenance frequency by mapping contributors.

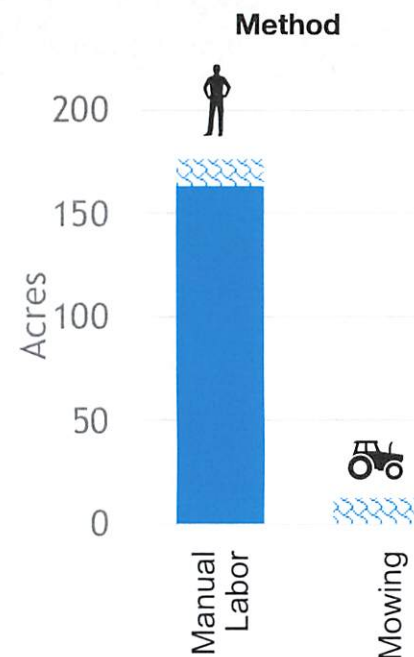
Reasons for Acres of Multiple Vegetation Management Strategies on Maui



There areas are predominately maintained to *protect community areas and municipal infrastructure.*

Percentage of total acres managed with multiple strategies on Maui maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

How Are Maui Land Stewards Implementing Multiple Vegetation Management Strategies?



Whole Area Managed (solid blue) Unknown Area Managed (patterned blue)

In some instances multiple methods are used to manage the same area.

Manual labor is the most widespread method for managing these areas.

Well maintained community areas such as mowed grass strips and areas where trees and shrubs are regularly pruned with dead branches removed create a lower fire hazard and enjoyable community open space.

APPENDIX A: COLLABORATIVE ACTION PLANNING PARTICIPANT INPUT LIST



For the following participant input list:

1. Concerns are numbered
 - Suggested solutions brainstormed by participants are bulleted
 - **Suggestions that were voted on after discussion by participants are bold (# of Votes)**
- 

Maui Participant Input From Workshop Held September, 27, 2018

GENERAL CONCERNS

1. Need landscape-scale vegetation management plan
 - **Develop whole island, whole county prevention and vegetation management plan with focus on sources of fire (5)**

CENTRAL Area Specific Concerns

1. Wailuku/Kahului – Area has lots of values at risk including dense population and infrastructure (airport, hospital, etc.); along with potential wildfire hazards, such as sparks from people, fallow land in between developed areas, green waste dumping, and windy conditions
 - **Establish and maintain fuel breaks around communities (5)**
 - **Implement green waste dumpster/chipper program in communities (5)**
 - **Include green waste bins at recycling centers (accessible hours including weekends) (1)**
 - Develop wildfire management plans among community associations
 - Increase community wildfire education, particularly related to landscaping choices and dumping green waste in gulch behaviors
 - Pursue planning avenues such as zoning, planning, and CCRs, where communities are required to maintain edges for low wildfire hazard



2. Upcountry Maui (Hāili'imaile, Pukalani, 'Ōma'opio, Kula) – Area has high population density; main roads used heavily and are ignition hazards; and tall grasses/flashy fuels surround
 - **Implement fuels management educational program for small landowners including agricultural and residential (1)**
 - Convert flashy fuels to lower ignition potential
 - Use prescribed burning to reduce fuel load
 - Manage/reduce haole koa fuel
 - Use nomadic strategic grazing to reduce fuel

WEST Area Specific Concerns

1. Ukumehame/Mā'alaea – Main road artery (potential ignitions)
 - Post fire danger road signs
2. Ukumehame/Mā'alaea – Need more discrete components about fire sources
 - **Use data-informed mitigation measures (2)**
3. Ukumehame/Mā'alaea – Power transmission lines (cause fires, vulnerable infrastructure); homeless camp ignitions
 - **Clearing around transformers and under power lines (8)**
 - **Update/improve/bury power lines (4)**
 - **Utilize "West Maui Goat" herds (available across West Maui (4)**
 - **Increase enforcement capacity of homeless camps (1)**
4. Lahaina – Need in-state funding to manage vegetative hazards
 - **Establish a sustained in-state funding source (1)**
 - Engage insurance companies in funding hazard reduction

EAST Area Specific Concerns

1. Kahikinui – Area is remote, long emergency response time, lack of water, limited access roads, increasing fire danger and exposure, and need for roadside maintenance
 - **Maintain firebreak access system (6)**
 - **Install dip-tanks and include an integrated plan and maintenance (3)**
 - Continue relationship between Auwahi Wind Farm and community
 - Increase access to equipment
2. Haleakalā National Park – High fuel load due to old pine plantation adjacent to road and ladder/duff adjacent to forest preserve (biomass removal is a limitation)
 - **Shrink pine plantation (3)**
 - **Increase roadside maintenance (2)**
 - **Investigate logging opportunities (1)**
 - **Incentivize work with ranchers for more fuels management (1)**
 - More fuel reduction
 - Share DLNR Division of Forestry and Wildlife logging report with The Nature Conservancy (TNC) and Haleakalā Ranch
 - Continue National Park working with TNC
 - Work with city and state highways to maintain roadsides and create strategic planning



Mahalo to all of the workshop participants who contributed their input and expertise.

APPENDIX B: RAPID MAPPING ASSESSMENT DATA COLLECTION DETAILS

Mapping data was collected as a rapid assessment during 2018 and 2019. HWMO contacted all large landowners with >1% of each island's area and successfully had a majority participate in the mapping project. Mapping collaborators were engaged through one-on-one meetings and mapping workshops across the state. Other entities or groups were also welcome and participated. Some participants shared existing GIS files while others mapped areas using Google MyMaps (a free, collaborative, online mapping platform).

In addition to mapping areas of vegetation management, land stewards identified: the hazard mitigation strategy of the activity; reasons for managing vegetation; which methods were used; and how frequently they managed areas.

Some land owners mapped the exact areas of their activities while others, for privacy and other reasons, simply reported general areas where activities were taking place. Therefore, map areas and numbers of acres reported should be contextualized as such.

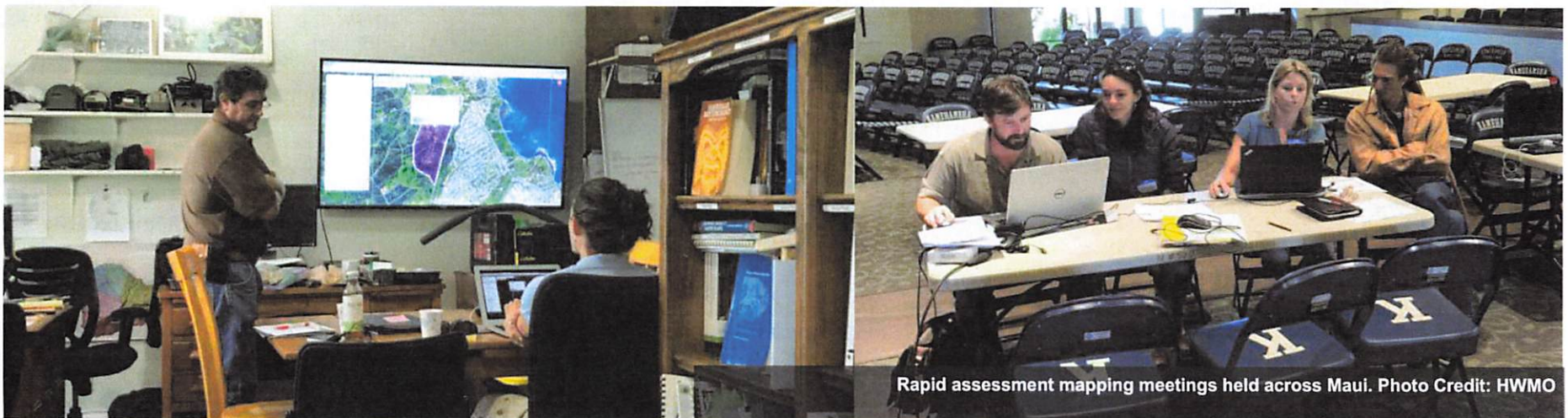
In an effort to maximize data quality, mapped areas and associated attributes were confirmed with mapping collaborators after all data was

converted in a compiled QGIS database. In some cases, areas were mapped by multiple groups, therefore efforts were made to minimize duplicate areas mapped when reporting acres using 'Dissolve' and 'Difference' geo-processing functions in QGIS 3.4

Feral animal grazing presented a particular problem for mapping because while feral animals do reduce fuel load (sometimes completely denuding the soil) they also have many undesirable impacts. During data collection, some groups reported areas with known 'significant feral animal grazing pressure'. Due to the lack of active management of the animals, these areas with no other management methods were excluded from maps and final data analysis.

Due to the nature of the data, maps are more reflective of active management of fuels and lands with "groups at the table for discussion" rather than depicting specific fuel load at any point in time.

This is the first ever state-wide dataset of vegetation management and can provide a great starting point for more specific or regional future planning efforts.



APPENDIX C: RESOURCES

1) Hawai'i Wildfire Management Organization Website

<http://www.hawaiiwildfire.org>

2) Pacific Fire Exchange

<http://www.pacificfireexchange.org>

3) University of Hawai'i CTAHR Cooperative Extension NREM Wildland Fire Program

<https://www.nrem-fire.org/>

4) Ready, Set, Go! Wildland Fire Action Guide

<http://www.Hawaiiwildfire.org/fire-resource-library-blog/rsg-your-personal-wildland-fire-action-guide>.

5) Native Plants Hawai'i

<http://nativeplants.Hawaii.edu/index/>.

6) University of Hawai'i College of Tropical and Human Resources (CTAHR) Weed Management Links

<http://www.ctahr.hawaii.edu/invweed/weedlinks.html>

7) USDA Natural Resources Conservation Service: Hawaii State-Listed Noxious Weeds

<http://plants.usda.gov/java/noxious?rptType=State&statefips=15>

8) Firewise Communities Recognition Program and Online Portal

<http://firewise.org/usa-recognition-program.aspx>

9) NRCS Field Office Technical Guides

<https://efotg.sc.egov.usda.gov/#/details>

Standards and specifications related to fuels management:

- Brush Management (Code 314)
- Forage and Biomass Planting (Code 512)
- Fuel breaks (Code 383)
- Grazing Land Mechanical Treatment (Code 548)
- Herbaceous Weed Control (Code 315)
- Land Clearing (Code 460)
- Prescribed Grazing (Code 528)
- Range Planting (Code 550)
- Riparian Forest Buffer (Code 391)

10) Joint Fire Science Program Brief: Prevent or Reduce Fire with Goats

http://www.firescience.gov/projects/briefs/99-1-3-02_FSBrief34.pdf