



## NORTH SHORE NEIGHBORHOOD BOARD NO. 27

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### **DRAFT REGULAR MEETING MINUTES TUESDAY, APRIL 28, 2009 JOHN KALILI SURF CENTER**

**CALL TO ORDER:** Chair Michael Lyons called the meeting to order at 7:04 p.m. with a **quorum of thirteen (13) members present**. Note – This 15-member Board requires eight (8) members for a quorum and to take official Board action.

**BOARD MEMBERS PRESENT:** Leif Anderson, John Hirota, Arlene Kawahakui, Robert Leinau, Ollie Lunasco, Michael Lyons, Reed Matsuura, Blake McElheny, Geraldine Meade, Jacob Ng, Carol Phillips, Gil Riviere and Warren Scoville.

**BOARD MEMBERS ABSENT:** Jeffrey Alameida and Antya Miller.

**GUESTS:** Alenka Remec (Mayor's Representative), Reed Matsuura (Councilmember Donovan Dela Cruz's Office), George Kuo (Board of Water Supply), Kathleen Pahinui (Friends of Waialua Town), Stew Ring (Mokuleia Community Association), Bill Brizee (Architects Hawaii), Brigadier General Gary Ishikawa (Deputy Adjutant General, State Department of Defense; Governor's Representative), Kayla Overton (United States Army Public Relations Office), Mark Harmon (United States Army's Integrated Training Area Management [ITAM]), Larry Sagaysay (Representative Michael Magaoay's Office), Sheryl Bieler, Bruce Bellows, Pamela Boyer, Thomas Shirai, Willie Herren, Kalani Fronda, Bodo Van Dor Leedon and John Lane (Neighborhood Commission Office).

**APPROVAL OF FEBRUARY 24, 2009 REGULAR MEETING MINUTES:** The following corrections were made:

- Page 2, paragraph 1, line 2, under Honolulu Police Department, Questions, comments and concerns, item 3, delete "lines" and insert "tires"
- Page 2, paragraph 8, under Residents Concerns, line 2, delete "Papailoa has two public right of ways. Why is the first one locked and only the neighborhood." and insert "(b) Papailoa has one public right of way and one private right of way – established for the homes located on the mauka side."
- Page 3, paragraph 1, under Mayor's Representative, line 1, delete "has been fixed." and insert "needs to be fixed."
- Page 3, paragraph 16, under Schofield Public Affairs to Discuss Drum Road Update and Conditions, delete "Igami added that he was on a"

**Scoville moved, and Leinau seconded, that the Board approve the February 24, 2009 Regular Meeting Minutes as amended. The motion was ADOPTED by UNANIMOUS CONSENT (13-0-0)** (AYE: Anderson, Hirota, Kawahakui, Leinau, Lunasco, Lyons, Matsuura, McElheny, Meade, Ng, Phillips, Riviere, Scoville).

**TREASURER'S REPORT:** Leinau reported for March 2009: Current expenses were \$78.94 in producing and mailing minutes/agendas. Total balance to date is \$1,818.30. **Ng moved, and Phillips seconded, that the Board approved the Treasurer's Report as filed. The motion was ADOPTED by UNANIMOUS CONSENT (13-0-0)** (AYE: Anderson, Hirota, Kawahakui, Leinau, Lunasco, Lyons, Matsuura, McElheny, Meade, Ng, Phillips, Riviere, Scoville).

#### **REPORTS FROM HONOLULU POLICE AND FIRE DEPARTMENTS:**

**Honolulu Police Department (HPD)** – No representative was present.

**Honolulu Fire Department (HFD)** – No representative was present.

**United States Army 25<sup>th</sup> Infantry Division** – Public Relations Officer Kayla Overton reported the following: (1) Announcing that later in the meeting, the Army will do a presentation regarding their Erosion Control/Stormwater Mitigation Project. (2) Any regards to noise/dust caused by the Army can call 656-3159. Questions, comments and concerns followed:



- Concerns were raised regarding U.S. Army helicopters flying over residential neighborhoods thereby creating a noise problem in the affected communities. It was inquired if the U.S. Army had changed their policy to allow flights over residential communities. In addition, frequent army convoy trucks going in and out of Kaukonahua Road. Overton replied that these exercises are part of the army's aviation pre-deployment exercises where in the past the Army has only used the mountain route.

COMMITTEE REPORTS:

Transportation – Committee Chair Riviere reported the following: (1) Announcing that the next Transportation Committee meeting takes place on Wednesday, June 13, 2009 at 7:00 p.m., Waialua Community Association Cottage 2 (Behind the Historic Haleiwa Gym). (2) At the last committee meeting, City and State plans on bikeways were discussed in wake of recent tragedies that have taken place on Kamehameha Highway. The City is proposing traffic lights at Anahulu Bridge and at the intersection of Goodale Avenue and Waialua Beach Road where this Board has taken a position on opposition to it where it would obstruct/impede traffic flow.

Questions, comments and concerns followed:

- It was suggested that bike race organizers be invited to do a presentation on future area bike races at the committee meeting.
- Concern was expressed that in the context of residents paying higher property taxes that the area roads have been paved in years which is very shameful.

Flood/Emergency/Waterway – Committee Chair Ng reported the following: The committee met on February 19, 2009 and March 19, 2009, 7:00 p.m., Haleiwa Shingon Temple where they have submitted to the full Board a list of area flood mitigation projects. It was pointed out that Councilmember Donovan Dela Cruz inspected bridges and waterways needing improvements. Despite this overwhelming evidence, the United States Army Corps of Engineers has decided not to pursue these flood mitigation projects citing "lack of population base". At the February 19<sup>th</sup> meeting, there was a presentation by University of Hawaii Professor Dr. Russell Yost concerning the Kaiaka Bay Watershed Program. There are three priorities the committee will address: (1) Flood Control, Waterways and Bridges; (2) Disaster Planning; and (3) Soil/Water Contaminations and Kaiaka Bay Watersheds.

In the March 19<sup>th</sup> meeting, committee members reported various areas flooding along Kamehameha Highway where there is inadequate drainage, debris and sediment being built up thereby clogging area stream water flow. There was a presentation given by University of Hawaii Professor Dr. Ali Al-Kadi who urged that the Kaiaka Bay Watershed needed to be cleaned up including dredging to help create area flood mitigation. Ng noted that the Haleiwa Shingon Temple is vulnerable to future flooding unless something is done to mitigate it.

**Phillips moved, and Matsuura seconded, that the North Shore Neighborhood Board No. 27 support the recommendations made by the Flood/Emergency/Waterway Committee to mitigate flooding.**

Discussion followed:

- Various Board members spoke of the need to get the flooding issue addressed especially in wake of the heavy rains in December 2008 that caused tremendous area flooding including improvements at the Kaiaka Bay Watershed.
- Support was expressed to install stream and rain gauges by requesting an appropriation of funds from the U.S. Congress so that the Army Corps of Engineers to do the long needed flood mitigation issue.

**The motion was ADOPTED by UNANIMOUS CONSENT (13-0-0)** (AYE: Anderson, Hirota, Kawahakui, Leinau, Lunasco, Lyons, Matsuura, McElheny, Meade, Ng, Phillips, Riviere, Scoville).

RESIDENTS' AND COMMUNITY CONCERNS:

Open Torn Trash Bags – Sheryl Bieler reported that she has witnessed a City Park Ranger tear up trash bags by foot at Sunset Beach resulting odor spreading around this residential community.

Structural Repairs at the Old Haleiwa Supermarket – Bill Brizee from Architects Hawaii, representing Longs Drugs, announced that there will be structural repairs on roofs at the Old Haleiwa Supermarket where bids for this project are expected to get out in two weeks. The project should take about six weeks to be completed.

Questions, comments and concerns followed:

- It was suggested that local construction firms perform this job. Once completed, that retail tenants at the Old Haleiwa Supermarket hire local employees. Also that the sidewalks at the shopping center fronting Kamehameha Highway be repaved for easier pedestrian access.

Area Roads Need to be Repaved and Need for Pedestrian Walkways in Area Bridges – Bruce Bellows stated two concerns: (1) Kamehameha Highway in the North Shore – Waialua area needs to be repaved along with placing utilities underground. (2) Pedestrian Walkway Bike paths are needed in this area especially at the Weed Circle and Thompson's Corner.

Refuting Rumors Concerning Selling Mexican Produce at Haleiwa Fruit Market – Pamela Boyer, Part Owner of the Haleiwa Fruit Market, informed the community that contrary to rumors that they are not selling Mexican or Mainland produce, they sell only local produce. Boyer noted that they have raised more than \$5,000 benefiting local non-profits.

Questions, comments and concerns followed:

- It was noted that the Spinach Tree Plant – Kaya – is grown in Pupukea. Origins of this tree can be traced to the Yucutan Province in Mexico.

One Lane of Road in Waialua Remains Wet – Leinau stated his concern that one main road prior to entering Waialua is wet where water comes up therefore asked for a follow up.

Drafting Resolution Honoring World War II Hero from Pupukea – Ng stated that he is drafting a resolution at the legislature (works for Senator Norman Sakamoto) honoring Pupukea resident Claude Ortiz who as a worker at the Pearl Harbor Naval Shipyard along with two others rescued thirty-two sailors trapped in the U.S.S. Oklahoma during the Japanese attack at Pearl Harbor on December 7, 1941. Recognition of Claude Ortiz is long overdue.

Concern Regarding Activities Fronting Haleiwa Monument Park – Hirota stated that he was approached by the President of the North Shore Fisherman's Club informing him that there are activities taking place in front of the Haleiwa Monument Park where scuba divers, speed boaters are disturbing area fishes. The primary question is who is issuing these permits and/or who can stop them. Leinau suggested that Paul Sansano of the State Department of Land and Natural Resources' (DLNR's) Harbors Division to address this problem.

Permanent Voluntary Land Conservation to Keep Land Agricultural for Future Generations – McElheny informed the community that the owner of Sunset Ranch in Pupukea has decided to voluntarily keep the land agricultural in perpetuity for future generations. McElheny announced that there will be a community meeting taking place on Saturday, May 23, 2009, 9:00 a.m. to 12:00 p.m. at the Sunset Beach Elementary School Cafeteria to discuss the status of State and City Parcels in Pupukea and the future of the Sunset Ranch Property.

## ELECTED OFFICIALS

Mayor Mufi Hannemann's Representative – Alenka Remec, from the Mayor's office gave the following responses to concerns raised at last month's Board meeting: (1) The two public right-of-ways at Papailoa mentioned last month is in reality one public right-of-way that has 24/7 accessible for the public while the other is a private right-of-way exclusively for area residents. (2) Regarding use of the four tennis courts at Waialua High School, the general rule is that 50% of the courts should be accessible to the public while in some cases its only 25%. (3) Concerning accessibility in using Waialua Recreation Center, has not heard of any instances where the center's manager has restricted public access. (4) After the dog park presentation was given at the February 2009 Board Meeting by Keiko Nakagawa, per City Department of Parks and Recreation (DPR), the community has made modifications for the proposed dog park to be a reality. The only item needing to be checked is water space. (5) The 2009 Neighborhood Board Elections will be done online and via phone to save the City money in these tough economic times. Ballots for contested seats will be mailed out in the first week of May 2009. (6) The City Budget for Fiscal Year 2010 (July 1, 2009 to June 30, 2010) is .5% more than last fiscal year's. \$1.7 billion is for Capital Improvement Project (CIP) Budget with \$1 billion to fund the rail project; another \$1.8 billion is for the City's Operating Budget. Funding the City's budget includes raising golf, zoo and bus fees that have not been raised in years. One City program – The Boat will cease operations as of June 30, 2009 where funding instead will instead be allocated for homeowners tax credits up to \$100.00.

Questions, comments and concerns followed:

- Concern was expressed that the City Department of Parks and Recreation (DPR) has not been responsive to the community where to access the girls bathroom, the girls would have to walk on the other side of the road to access it. Further, to restrict Waialua High School Tennis Team to use the Central Oahu Regional Park once a week is shameful.
- Dismay was expressed concerning the community's negative experience in accessing the Waialua Recreation Center including the center manager not returning phone calls and where users had to go to the other side of the road to grill food. Remec will follow up.
- Citing the low turnout in the 2008 General Election, it was suggested that there should be electronic voting in future elections like the one taking place in the 2009 Neighborhood Board Elections. Remec pointed out that in the recent Windward Oahu City Council District Special Election, this mail-in ballot system has resulted in a phenomenal voter turnout.
- The bathrooms at the skate park at Banzai Rocks are a safety hazard for kids using the facility thereby making the City liable.
- With land at Thompson's Corner Subdivision being set aside for agricultural use, there is only one active farmer, thereby it is requested that the City Department of Planning and Permitting (DPP) should inspect it.
- The septic tank located at the restrooms at Sharks Cove is filled with cesspools that is covering the ground and needs to be fixed immediately.

Board of Water Supply (BWS) – BWS Representative George Kuo highlighted the following: (1) There was one water main break in March 2009 in Waialua. (2) Wayne Hashiro, Former City Managing Director has been named new BWS Manager and Chief Engineer. (3) BWS conducts thousands of water quality tests annually including maintaining 2,300 miles of water main lines. Customers are responsible to make sure that their water meter boxes are cleared of grass. If any pipes are leaking, call BWS at 748-5000. (4) Bids to repair the six-inch water line at Anahulu Bridge on Kamehameha Highway from Amaru Road to Lukea Place will be out on Wednesday, April 29, 2009. Construction will commence in August 2009.

Questions, comments and concerns followed:

- BWS was thanked for fixing a water leak in a resident's house and in repairing water main lines along Kamehameha Highway.

Councilmember Donovan Dela Cruz – Reed Matsuura distributed Councilmember Dela Cruz's written report and highlighted the following: (1) As Chair of the City Council's Public Safety and Services Committee, Councilmember Dela Cruz has introduced a Public Health, Safety and Welfare (PHSW) Legislative Package: Bill 30 – Installation of bike lockers at city facilities; Resolution 09-83 – Implementing a green bike box program designed to prevent collisions between bicyclists and motorists by designing a green box lane designated for bicyclists; Resolution 09-84 – Implementing a bike sharing program that allows riders to rent a bicycle at one location and drop it off at another location. This is designed to decrease traffic congestion while decreasing pollution from automobiles; Resolution 09-85 – Increase pedestrian safety at high accident intersections by asking the City Department of Transportation Services (DTS) to identify crosswalks that have high pedestrian accidents and install in-road lighting and other appropriate traffic safety devices; Resolution 09-86 – Asking the City Auditor to determine if the city's current fleet of ambulances and emergency notification vehicles is sufficient to support the needs of Oahu; and Resolution 09-87 – Asking the City, State and Federal Governments to prioritize and expedite the installation of new civil defense emergency sirens and repair existing sirens. (2) Bill 10 (2008), CD 2 – Providing for the establishment of transit-oriented development special districts and accompanying land use regulations around rapid transit stations passed Third (Final) Reading by the City Council on March 18, 2009. (3) Bill 4 (2009), CD 1 – Prohibiting the use of certain electronic devices while operating a motor vehicle passed Second Reading and will now go to one more public hearing. (4) On Friday, April 3, 2009, Councilmember Dela Cruz along with City Department Directors and community leaders toured the Waialua and Haleiwa areas starting at Waialua District Park for Civil Defense siren testing. The group then toured Otake Camp, Kiapoko Ditch, Ki'iki'i Stream Bridge, Haleiwa Road, Kaiaka Bay Beach Park, Pake Ditch and the Twin Bridges above at Kaukonahua Stream for a first hand look concerning the impact of the heavy rains in December 2008 that resulted in area flooding. Flooding has become a probability due to debris that blocks stream outflow. It was pointed out that residents were virtually trapped because areas along Farrington Highway were closed because of the large runoff and the alternative route. Waialua Beach Road was closed because Kiapoko Ditch was flooded. Hopefully, this tour would have the City Administration work with residents to resolve the flooding issue that has consistently been a plague to the community. (5) Authored Resolution 09-127 – Urging the State Department of Transportation (SDOT) to remove accumulated silt, vegetation and debris

beneath the Farrington Highway Bridge where it crosses Kaukonahua Stream in Waiialua. (6) Councilmember Dela Cruz has written correspondences to SDOT Director Brennon Morioka requesting installation of street lighting to insure crosswalk safety at Sunset Beach Elementary School and DTS Director Wayne Yoshioka to request complete the street lighting project along Waiialua Beach Road.

Questions, comments and concerns followed:

- Concern was expressed that police officers do not get out of their vehicles while directing traffic. Both Matsuura and Remec will follow up.
- It was suggested that there be joint city-community coordination to announce the Grand Opening of Sunset Beach Recreational Center.
- It was inquired to why there has been a delay in setting up a plaque honoring Donald Kihau who constructed the bathrooms at Haleiwa Beach Park. Matsuura replied that DPR is talking to the family to get more information on Donald Kihau.

Governor Linda Lingle's Representative – Brigadier General Gary Ishikawa distributed the Governor's written report and highlighted the following: (1) Concerning the use of Camp Erdman, an investigation is taking place where further information could not be shared due to privacy rules and concerns. (2) The status of providing medivac service to the community is currently under negotiations with various parties including City and County Emergency Medical Services (EMS), the U.S. Army, and Evergreen Air Service – the company contracted to provide medivac services. There will be a meeting on Wednesday, April 29, 2009 to have the parties settle jurisdictional issues prior to activating this needed service. (3) Announced that Hawaii's 29<sup>th</sup> Brigade will be completing their nine-month deployment in Kuwait in three months and would soon arrive back in Hawaii.

Questions, comments and concerns followed:

- In terms of providing more services, state departments' funding are being cut due to budgetary constraints.
- Regarding of who would govern the State Department of Land and Natural Resources' (DLNR's) Division of Conservation and Resources Enforcement (DOCARE) to oversee the problems facing the community.
- Medivac services are sorely needed in the North Shore community.
- In terms of accessing Peacock Flats Road, one has to travel via Waianae while DLNR allows pig hunters to access this road in much nearer by Mokuleia.

Senator Robert Bunda – No representative was present.

Representative Michael Magaoay – Larry Sagaysay distributed Representative Magaoay's written report and highlighted the following: (1) Representative Magaoay is attending a briefing as a member of the House Finance Committee dealing with all the money bills being heard for consideration in the 2009 State Legislative Session. (2) In April 2009, 864 letters were mailed out regarding u claimed notices. Sagaysay pointed out that these letters are not a scam where constituents are actually getting monies. For help in filing proper paperwork to claim these monies, contact Representative Magaoay's office at 586-6380 or email at [repmagaoay@Capitol.hawaii.gov](mailto:repmagaoay@Capitol.hawaii.gov).

United States Representative Mazie Hirono – No representative was present.

#### UNFINISHED BUSINESS:

North Shore Gateway Development Follow Up – Lucky Cole presented the following update (changes) from his earlier presentation he gave at the February 24, 2009 Board Meeting: he North Shore Gateway is located at the entrance of Haleiwa Town where Mackey's Shrimp Truck is currently operating. The two changes: (1) use vertical railings and (2) additional parking will be on the side of the building of what was originally designated for mobile retail area.

Questions, comments and concerns followed:

- To make the development green-friendly, a solar voltaic system is being installed so that it comprises one-third of electric capacity.
- It was inquired of the storm water drainage would run parallel to Kamehameha Highway. Cole replied that the water is currently running behind the 7-Eleven Store. Cole noted that the drainage system needs to be fixed noting that the area soil and surface are very hard. Thereby, a containment tank will

be built to have the plants watered. It was further noted that uncontrolled water drainage could possibly destroy a family-owned property.

- Cole pointed out that the current parking rules does not accommodate outdoor seating thereby not legally able to accommodate Mackey's Shrimp Truck unless a façade is placed to legally allow Mackey's Shrimp Truck to operate.

NEW BUSINESS: None.

CORRESPONDENCE AND CHAIR'S REPORT: None.

ANNOUNCEMENTS:

Next Board Meeting – Chair Lyons announced that the North Shore Neighborhood Board No. 27 Regular Meeting will be on Tuesday, May 26, 2009, 7:00 p.m., John Kalili Surf Center.

Olelo Broadcasts – Chair Lyons announced that the Olelo Broadcasts of Board Meetings are shown on Saturdays, Olelo Channel 49, 9:00 p.m.

Haleiwa Zoning Change Application Public Hearing – Chair Lyons announced that Scott Wallace is applying for a zoning change on his properties at 66-235 and 66-239 Kamehameha Highway from residential to commercial. The Honolulu City Planning Commission will be holding public hearing on this zoning change request on Wednesday, May 6, 2009, 1:30 p.m. at the City Council Committee Meeting Room, 2<sup>nd</sup> Floor, Honolulu Hale.

Next Flood/Emergency/Waterway Committee Meeting – Committee Chair Ng announced that the next Flood/Emergency/Waterway Committee meeting will take place on Thursday, May 16, 2009, 7:00 p.m., at the Haleiwa Shingon Mission.

Presentation of Proposed Development along Kamehameha Highway – Leinau announced that the Church of Jesus Christ of Latter-Day Saints (LDS Church) are holding community meetings on Tuesday, April 28, 2009 and Wednesday, April 29, 2009 at Cannon Activities Center located on the campus of Brigham Young University – Hawaii (BYU Hawaii) from 6:00 p.m. to 9:00 p.m. regarding building an expanded community along their property on Kamehameha Highway.

Without objections, announcements were moved up on the agenda so that Mr. Mark Harmon of the United States Army's Integrated Training Area Management (ITAM) Team can set up his Power Point presentation on the United States Army Garrison Hawaii's Erosion Control/Stormwater Mitigation Project.

United States Army Garrison Hawaii's Presentation on Erosion Control and Stormwater Mitigation Efforts on United States Army Training Lands – Mark Harmon, from the United States Army's Integrated Training Area Management (ITAM) team gave the following presentation: (1) ITAM is working on the following: Storm water mitigation, trail repairs & rehabilitation, grass establishment, fire prevention, drought relief and much more. The goal is to insure that the runoff meets the Environmental Protection Agency's (EPA's) Clean Water Guidelines and that the U.S. Army Ranges are managed in a sustainable fashion. The Army has spent \$4 million to correct these problems and manage another \$8-\$10 million for specialized projects such as discharge repairs. (2) In terms of land stabilization, ITAM has abandoned use of rye or Bermuda grass and hired Ameriturf Farms in Kahuku who performed soil tests and recommended new grass species. ITAM will use seashore palladium for salt-laden areas like Kahuku for drought tolerance and soil stability. For erosion control, ITAM has decided to use excelsior fibers that are non-toxic and biodegradable. Further benefit, it is produced in the U.S.A. as a manageable and renewable forest crop. These excelsior fibers have thousands of microscopic barbs that network with one another and contribute to intimate contact between the blanket and the soil. In addition, when wetted during heavy rainstorms, these fibers expand to dig and anchor themselves into the soil. Another added benefit is that it provides "green house -like" growing conditions for seeds which results in enhanced germination for increased vegetation establishment. In addition, ITAM has added fertilizers to the mix based on soil make up and type. Soil moisturizer pellets are added to absorb rain drops and release moistures to germinating seeds slowly over days. Stronger tack fliers are used to insure the mix stays where sprayed and blankets cover the mix wherever a slope is found. ITAM's goal is stabilized and vegetated slopes that protect aquatic resources and even clean runoff into the streams and ponds. (3) Two local constructions crews – one based in Waialua and one based in Haleiwa – have been trained in learning to utilize better technologies for protecting our streams and rivers. Based on slope and soil type, ITAM is introducing new measures to stabilize ditches such as the use of wattles. Further, ITAM is using better ways to discharge collateral runoff, filtering with

erosion blankets and vegetated buffers, selecting non-resource discharge points and placing stormwater mitigation structures to trap, filter and cleanse runoff before discharge. (4) At Haiku Pupukea, ITAM is using multi-layered and multi-sized hard blue basalt rock to repair and reconfigure trails in the Army Ranges. This material is capable of withstanding damage up to a 30-ton vehicle is completed in such a manner as not to erode and give the Army Garrison as expected 20-year lifespan with maintenance. Combined with seeding techniques, slope stabilization and roads resurfacing, our goals of little to none silt or sediment releases are being reached from there to Drum Road. Drum Road is a major project for this Army Garrison where it is being constructed in two phases that will assist in keeping military convoys off Kamehameha Highway and from impending local traffic. (5) ITAM has requesting to the office of Hawaii's Senior United States Senator Daniel Inouye for drought relief and prevention funds to help correct the silt-laden farm ponds and their sediment-laden ditches to place correct liners under the waters and to place vegetative filters for the entry or exit waters to insure clean water flows. ITAM has evaluated wind directions, fire and smoke vectors impacting North Shore homes and have found ways to address this issue: (a) restore fire and fuel breaks at Dillingham and Kahuku to stop spread of fire from or on to the range; (b) restore agriculture farm ponds in a cooperative agreement to also serve as dip ponds; and (c) erect dew and fog collection stations in the Koolau and Waianae Mountain Ranges. (6) Based on the shell pattern on the back of an Israeli beetle, scientists around the world have developed a fog and dew collection netting that can funnel 4,000 gallons a week from 1,000 square feet of nets to provide water for fire fighting efforts. Reaching high into the mountains and setting up a fog and dew collection systems to fill up new dip ponds will add 17 new fire fighting water stations to the ranges. This will eliminate the need to dip into the ocean for fire fighting and insure fresh, not salt water reaches mountain vegetation coupled with fire and fuel breaks and agricultural pond restoration, the North Shore will gain strong levels of fire prevention and mitigation needs. (7) Though the Army has granted permission to use 450 acres of the Kahuku Training Area for Kahuku motocross bikers, they have left those confines and traversed throughout the whole 9,300 acres. Streams are damaged, endangered and threatened species eradicated and cultural sites disturbed. A private environmental firm has identified over 500 erosion hot spots in Kahuku where only 4% can be attributed to army training actions while 25% are caused by cattle while over 68% can be proven to be a direct result of dirt bike intrusion. The damage is estimated at over \$500,000. The damage is extensive, harming streams and creating silt-laden runoff. Dirt bikes have left the confines of the motocross. New erosive trails crisscross the range going up slopes and ridges and down into valleys and streams. The Army is proposing a fence and signage around the motocross lease area. ITAM has proposed a wash rock for the motocross to prevent invasive weed seeds from leaving the area. ITAM plans to block all illegal trees around our gates and into sensitive areas withhold culverts labeled to warn them of their trespass. The Army is discussing with the State Department of Land and Natural Resources (DLNR) to develop a fine or vehicle seizure procedure if the damage and illegal access continues by the same motocross bicyclists for the third time, they will be removed. (8) Lastly, the Army has just forwarded an \$11.7 million request from the Department of Defense and the U.S. Congress for storm damage repair and flood control work resulting from last December's intense weather. This work will allow the Army to repair damaged areas – some of the work resulting of which is underway – such as Qualification Training Range I (QTR I) where 120 acres of land with exposed soils is being stabilized with modern erosion control methods.

Chair Lyons thanked Harmon for his presentation. Citing time constraints, no questions were asked.

Funding Waialua High School's Marine Biology Program – Chair Lyons announced that Waialua High School has started their Marine Biology Program with eight students, expected to grow to twenty students next year that is funded by the North Shore Shark Adventure Tours Company. Chair Lyons noted that in the past two years, this company has funded such programs in the tens of thousands of dollars for the community's benefit.

ADJOURNMENT: The meeting adjourned at 9:26 p.m.

Written by Jamal Siddiqui, Neighborhood Assistant