

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix A

Letters from Joseph Shacat (Grace Pacific) to Daniel Orodenker (LUC) and George Atta (DPP), dated March 18, 2016, as Courtesy Notifications of Palailai Landfill Cover Restoration Project.

(4 pages)

March 18, 2016

State of Hawai'i Land Use Commission
Department of Business, Economic Development & Tourism
P.O. Box 2359
Honolulu, Hawai'i 96804-2359

Attention: Mr. Daniel Orodener, Executive Officer

Subject: LUC Docket No. SP73-147, Courtesy Notification of The Former Palailai Landfill Cover Restoration Project, 92-402 Farrington Highway, Kapolei, Hawaii [TMK (1) 9-2-043:011].

Dear Mr. Orodener,

Grace Pacific LLC, as the stewards of the closed Palailai Landfill, would like to inform you of the planned grading activities known as the Palailai Landfill Cover Restoration Project. We recognize that the site is very visible from Kapolei and that the community may inquire about the activity, thus we are providing your agency this courtesy advance notification. The Site [TMK (1) 9-2-043:011], occupies approximately 81.43 acres and is located just north of the intersection of H-1 freeway, Farrington Highway, and Kalaeloa Boulevard. The purpose of the project is to minimize surface water ponding resulting from long-term settlement, to divert storm water runoff from the cover to perimeter surface water controls, to prevent erosion of the landfill cap, and provide long-term stable slope conditions. The grading activities are needed to restore/maintain the closed landfill and the Project is anticipated to commence in April 2016.

Background

The Site was originally operated as a quarry by Pacific Concrete and Rock Company from 1950 through 1974. In 1974, the Site was converted to a municipal solid waste landfill. The Site operated as a municipal solid waste landfill until May 31, 1989, the date it was closed. The landfill was closed in accordance with permit requirements established by the DOH Solid and Hazardous Waste Branch [SHWB] and contractual obligations to Campbell Estate, the landowner. During the closure, the landfill was capped with 18-inches of compacted quarry overburden soil and coral fines, a 20-mil polyvinyl chloride (PVC) membrane, and another 18-inches of compacted quarry overburden soil and coral fines. It was then seeded with grass to prevent erosion.

In 2006, DOH oversight was transferred from the SHWB to the Hazard Evaluation and Emergency Response (HEER) Office. The DOH HEER Office is currently responsible for overseeing the post-closure landfill maintenance and monitoring conducted at the Site.

Grace Pacific LLC

Compliance with LUC Docket No. SP73-147

The Conditional Use Permit's condition 2 states "The applicant shall comply with all requirements which may be imposed by the State Department of Health, Board of Water Supply, State Fire Marshall, and the Department of Public Works." As stated above, the DOH HEER office is currently responsible for overseeing the closed Palailai Landfill. Grace Pacific LLC has been in frequent communication with the DOH HEER office during the development of this Project and will review the Work Plan prior to the start of the grading activities. The planned grading is a maintenance activity voluntarily conducted by Grace Pacific LLC for the long-term benefit of the former Palailai Landfill and the community.

This project will comply with all other applicable regulatory requirements, including the City and County of Honolulu Grading Ordinance, and National Pollutant Discharge Elimination System (NPDES) permit requirements for discharges of storm water associated with construction activities.

Should you have any questions regarding this letter or require additional information, please contact Jodie Cordero at (808) 203-2801 or jcordero@gracepacific.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph Shacat", with a long horizontal flourish extending to the right.

Joseph Shacat
Environmental Compliance Manager

March 18, 2016

Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Attention: Mr. George Atta, Director

Subject: LUC Docket No. SP73-147, Courtesy Notification of The Former Palailai Landfill Cover Restoration Project, 92-402 Farrington Highway, Kapolei, Hawaii [TMK (1) 9-2-043:011].

Dear Mr. Atta,

Grace Pacific LLC, as the stewards of the closed Palailai Landfill, would like to inform you of the planned grading activities known as the Palailai Landfill Cover Restoration Project. We recognize that the site is very visible from Kapolei and that the community may inquire about the activity, thus we are providing your agency this courtesy advance notification. The Site [TMK (1) 9-2-043:011], occupies approximately 81.43 acres and is located just north of the intersection of H-1 freeway, Farrington Highway, and Kalaeloa Boulevard. The purpose of the project is to minimize surface water ponding resulting from long-term settlement, to divert storm water runoff from the cover to perimeter surface water controls, to prevent erosion of the landfill cap, and provide long-term stable slope conditions. The grading activities are needed to restore/maintain the closed landfill and the Project is anticipated to commence in April 2016.

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Grace Pacific LLC

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Should you have any questions regarding this letter or require additional information, please contact Jodie Cordero at (808) 203-2801 or jcordero@gracepacific.com.

Sincerely,

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Joseph Shacat
Environmental Compliance Manager

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix B

Email from Raymond Young (DPP) to Robert Creps (Grace Pacific), dated March 23, 2016, regarding Building Permits and an updated Site Plan.

(1 page)



RE: 2014 Aerial Imagery of MQ
Young, Raymond to: 'RCreps@gracepacific.com'
Cc: "Arakawa, Bonnie K. N."

03/23/2016 07:08 AM

History: This message has been forwarded.

Bob, our plans examiner tells me that unless any of those structures are temporary, which moved away in 24 hours, they are all subject to obtaining a building permit. Please prepare building permit applications and an updated site plan for new and removed structures. Will 60 days be adequate to submit a revised site plan for review and approval?

Raymond Young
Staff Planner, Community Planning Branch
Department of Planning and Permitting
650 S. King St., 7th Flr.
Honolulu, Hawaii 96813
Ph. (808) 768-8049
Fax (808) 768-6743
Email rcsyoung@honolulu.gov

-----Original Message-----

From: RCreps@gracepacific.com [mailto:RCreps@gracepacific.com]
Sent: Thursday, August 20, 2015 3:01 PM
To: Young, Raymond
Subject: Re: 2014 Aerial Imagery of MQ

Ray, please find the attached in response to your questions.
my grace email account is still the best way to reach me with any questions.
thank you,
Bob Creps

(See attached file: 150820 response Ray Young memo.pdf) (See attached file: 150820 Unaccounted structures 2014 labelled.pdf) (See attached file: 150819 response Ray Young photos.pdf)

From: "Young, Raymond" <rcsyoung@honolulu.gov>
To: "RCreps@gracepacific.com" <RCreps@gracepacific.com>
Date: 08/04/2015 11:53 AM
Subject: 2014 Aerial Imagery of MQ

Bob: After looking over the aerial imagery and the latest approved site plan, I would like to get an update as to what appears to be unaccounted structures. Or, they could be equipment since insufficient detail on the imagery. Can you tell me what the structures are (highlighted by clouding) on the attached file and what are they used for. We may want to update the last approved site plan.

Thanks,

Raymond Young

(See attached file: Unaccounted structures 2014.pdf) This message, including any attachments, is intended for the use of the party to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure. If you are not the intended recipient, any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please contact the sender immediately by reply e-mail, and delete the original and any copies of this message. It is the sole responsibility of the recipient to ensure that this message and any attachments are virus free.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix C

Letter from Joseph Shacat (Grace Pacific) to George Atta (DPP), dated September 8, 2016, regarding a proposed fire control access road and interceptor drainage ditch.

(3 pages)

September 8, 2016

Certified Mail – Return Receipt Requested
(7015-1730-0001-1102-7660)

Mr. George I. Atta, FAICP
Director
Department of Planning and Permitting
City and County of Honolulu
650 South King Street
Honolulu, HI 96813

**Subject: Proposed Fire Control Access Road and Drainage Interceptor Ditch
Special Use Permit (SUP) Docket No. SP73-147 and
Conditional Use Permit (CUP) File No. 2007/CUP-91
Grace Pacific LLC
Ewa District, Oahu, Hawaii**

Dear Mr. Atta,

On June 3, 2016, Grace Pacific met with several representatives from your office, including Mr. Ray Young, to discuss several items associated with SP73-147. A brief summary is provided below.

1. Mr. Robert Creps retired from Grace Pacific on June 30, 2016. The new point of contact for all matters related to this permit will be Mr. Joseph Shacat, Environmental Compliance Manager.
2. Grace Pacific is transitioning from Tapestry Partners Ltd. to Wilson Okamoto, Inc. for engineering and consulting services associated with this permit.
3. Grace Pacific plans to start construction of the screening berm located along the quarry's northern ridgeline in the near future. In anticipation of constructing the screening berm, Grace Pacific plans to also construct a fire control access road and drainage interceptor ditch (the "Proposed Project") in the same general area (see attached Site Plan). The drainage interceptor ditch will collect storm water runoff from the outer portion of the screening berm, and divert the runoff back into the quarry pit. This will help to minimize the potential impacts to water quality in the area's natural drainage features while the berm is under construction, as noted in Section III.B.2.e of the CUP. Once construction of the berm is complete, it will be stabilized as required in Section V.5 of the CUP.

The chosen alignment for the Proposed Project was selected in order to achieve the necessary slope to divert the runoff back into the quarry pit as desired, while also avoiding areas that were

previously disturbed during grading activities for the former Puu Makakilo Golf Course. Approximately 7.2 acres of the Proposed Project fall outside of the quarry's delineated 184.2 acres of excavation, berming, landscaping, and grading (Table 1 of the CUP and Exhibit A of the SUP). This 7.2-acre portion of the Proposed Project is located within the buffer area surrounding the quarry.

Grace Pacific believes that a grading permit is not required for the Proposed Project, because mining or quarrying operations regulated by other city ordinances are excluded from the Honolulu grading ordinance (Section 14-13.5(a) of the Revised Ordinances of Honolulu). Since the Proposed Project will directly support the quarrying activity by mitigating the potential water quality impacts of constructing the screening berm, it should be considered part of the overall mining or quarrying activity that is exempt from the grading ordinance, even though a small portion is located with the buffer area surrounding the quarry. We are requesting a formal determination from your office as to whether a grading permit is required for the 7.2-acre portion of the Proposed Project that is located within the buffer area surrounding the quarry.

It should be noted that an NPDES Permit for Discharge of Storm Water Associated with Construction Activity will be obtained prior to construction of the Proposed Project.

Additionally, Grace Pacific would like to clarify the status regarding the stockpile of overburden material located at the northern edge of the quarry rim (see attached Site Plan). The stockpile is located adjacent to the planned screening berm. The stockpiled material will be used for two purposes:

- construction of the screening berm after the Proposed Project is complete, and
- topsoil for renaturalization of the property.

If there are any questions regarding this notification, please contact me at (808) 674-8383.

Sincerely,



Joseph Shacat

Environmental Compliance Manager

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix D

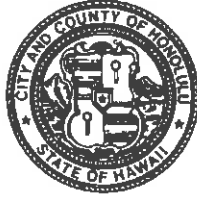
Letter from DPP to Grace Pacific dated November 17, 2016,
responding to Grace Pacific letter of September 8, 2016.

(2 pages)

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

850 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-8041
DEPT. WEB SITE: www.honolulu.gov • CITY WEB SITE: www.honolulu.gov

KIRK CALDWELL
MAYOR



ARTHUR D. CHALLACOMBE
ACTING DIRECTOR

KATHY K. SOKUGAWA
ACTING DEPUTY DIRECTOR

2016/ELOG-2409(wyw)

November 17, 2016

Mr. Joseph Shacat
Environmental Compliance Manager
Grace Pacific LLC
P.O. Box 78
Honolulu, Hawaii 96810

Dear Mr. Shacat:

This is in response to your letter, dated September 8, 2016, regarding the proposed fire control access road and drainage interceptor ditch (FCAR & DID) within TMK: 9-2-003: 074 for the Makakilo Quarry (MQ).

Pursuant to Condition No. 6 of the State Land Use Commission's Decision and Order for the MQ, dated November 7, 2008, the FCAR & DID are not considered to be primary uses permitted within TMK: 9-2-003: 074.

Condition No. 6 states: "Except for quarry, recycling activities in the quarry, and renaturalization activities, the remainder of TMK: 9-2-03: 74 shall remain in open space buffer for the life of the quarry and related activities. Minor accessory uses or structures may be permitted on Parcel 74 with the express written consent of the Director of Planning and Permitting. Any other uses shall be processed pursuant to Section 205-6, Hawaii Revised Statutes."

Therefore, to allow the FCAR & DID as minor accessory uses or structures to the MQ, please submit a request for minor modification to our Department for consideration. If approved, the construction of the FCAR & DID will not require a grading permit pursuant to the Exclusions of the Grading Ordinance (ROH Section 14-13.5).

We also acknowledge your clarification that the existing stockpiled material located at the northern edge of the MQ rim will be used for construction of the required screening berm and for topsoil to renaturalize the site.

Mr. Joseph Shacat
November 17, 2016
Page 2

Should you have any questions, please contact Raymond Young of our Community Planning Branch at 768-8049, or Weston Wataru of our Civil Engineering Branch at 768-8215.

Very truly yours,

A handwritten signature in black ink, appearing to read "Arthur D. Challacombe". The signature is fluid and cursive, with the first name "Arthur" being more prominent.

Arthur D. Challacombe
Acting Director

cc: Planning Division
Land Use Permits Division
Site Development Division

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix E

Correspondence from State of Hawaii Clean Air Branch
dated September 21, 2016, July 22, 2016 (report) and
January 5, 2017.
(7 pages)



[To:](#)
Cc:
Bcc:
Subject:

From: Cab General <Cab.General@doh.hawaii.gov>
To: "MDEntremont@gracepacific.com" <MDEntremont@gracepacific.com>, Cab General <Cab.General@doh.hawaii.gov>
Cc: "BNobriga@gracepacific.com" <BNobriga@gracepacific.com>
Date: 09/21/2016 10:08 AM
Subject: RE: Request to Access a Gov't Record - Grace Pacific LLC Makakilo Quarry CSP No. 0045-01-C/CT

Good Morning Margaret:
Please see the attached complaint report.

Thanks,
Jill

From: MDEntremont@gracepacific.com [mailto:MDEntremont@gracepacific.com]
Sent: Tuesday, September 20, 2016 1:36 PM
To: Cab General <Cab.General@doh.hawaii.gov>
Cc: BNobriga@gracepacific.com
Subject: Re: Request to Access a Gov't Record - Grace Pacific LLC Makakilo Quarry CSP No. 0045-01-C/CT

From: Cab General <Cab.General@doh.hawaii.gov>
To: "MDEntremont@gracepacific.com" <MDEntremont@gracepacific.com>
Cc: "BNobriga@gracepacific.com" <BNobriga@gracepacific.com>
Date: 09/20/2016 01:08 PM
Subject: Request to Access a Gov't Record - Grace Pacific LLC Makakilo Quarry CSP No. 0045-01-C/CT

Good Afternoon Margaret:
The Department of Health, Clean Air Branch, (DOH) received one dust complaint in July 2016 regarding the Makakilo Quarry.

If there are other questions please call the office at 586-4200.

Thanks,
Jill Stensrud
Clean Air Branch

From: MDEntremont@gracepacific.com [mailto:MDEntremont@gracepacific.com]
Sent: Wednesday, September 14, 2016 10:00 AM
To: Cab General <Cab.General@doh.hawaii.gov>
Cc: BNobriga@gracepacific.com
Subject: Request to Access a Gov't Record - Grace Pacific LLC Makakilo Quarry CSP No. 0045-01-C/CT

Good Morning,

Attached is the request form required to access Gov't records.

We are interested in complaint calls made against Makakilo Quarry from 10/01/15 to 09/01/16.

Please advise the earliest I may obtain this information.

Please contact me if additional information is required.

Thank you,

Margaret D'Entremont
Grace Pacific LLC
Makakilo Quarry
(808) 693-7104 Direct
(808) 306-7998 Cell
(808) 693-7107 Fax

CLEAN AIR BRANCH COMPLAINT REPORT (HAR §11-60.1-33 DUST)

Complaint No.: OA-2016-1330

Investigated by: R Ho

Date of Investigation: 7/22/16

Time in: 9:30am

Time out: 10:30am

Site Address/TMK: 92003082

Weather Conditions (check all that apply)			
<input type="checkbox"/> Clear Sky (<10% clouds)	<input type="checkbox"/> Overcast (>90% clouds)	<input type="checkbox"/> Intermittent Wind	<input type="checkbox"/> No Rain
<input type="checkbox"/> Scattered Sky (10-50% clouds)	<input type="checkbox"/> No Wind	<input type="checkbox"/> Windy	<input type="checkbox"/> Slight Rain
<input type="checkbox"/> Broken Sky (50-90% clouds)	<input type="checkbox"/> Wind direction (in degrees) 90		<input type="checkbox"/> Heavy Rain

Pre-investigation site conditions: Phone call to Grace Pacific quarry regarding dust from their operations

☐ Presented Credentials ☐ Permission granted to take photos

Respondent: Grace Pacific Makakilo Quarry

Person Contacted: Margaret

Title: Administrative Asst

Telephone: 693-7104

Project description (start/end): Quarry

Complaint Type (check all that apply)			
<input type="checkbox"/> Construction	<input type="checkbox"/> Paint Overspray	<input type="checkbox"/> AGP No.	<input type="checkbox"/> Other
<input type="checkbox"/> Sandblasting	<input checked="" type="checkbox"/> Crushing/Screening	<input type="checkbox"/> NSP No.	
<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Ag. Operations	<input checked="" type="checkbox"/> CSP No. 0045-01-C/CT	

☐ Provided Copy of HAR §11-60.1-33☐ Explained HAR §11-60.1-33

HAR §11-60.1-33(a), Fugitive Dust, Precautions (check all that apply)				
<input type="checkbox"/> Garden Hose (~0.75" diameter)	<input checked="" type="checkbox"/> Water Truck	<input checked="" type="checkbox"/> Dust Barrier	<input type="checkbox"/> Vacuum	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Fire Hose (1-2" diameter)	<input type="checkbox"/> Sprinkler/Mister	<input type="checkbox"/> Tarp(s)	<input type="checkbox"/> Other	

☒ No Violation of HAR §11-60.1-33(a)☒ No Violation of HAR §11-60.1-33(b)☐ Violation of HAR §11-60.1-33:

<input type="checkbox"/> Other violation(s) of HAR §11-60.1			
<input type="checkbox"/> §11-60.1-32 (Visible Emissions)	<input type="checkbox"/> §11-60.1-52 (Open Burning)	<input type="checkbox"/> §11-60.1-62 (NSP)	<input type="checkbox"/> Other
<input type="checkbox"/> §11-60.1-34 (Motor Vehicle)	<input type="checkbox"/> §11-60.1-53 (AGP)	<input type="checkbox"/> §11-60.1-82 (CSP)	

Other violations of HAR §11-60.1:

Notes: Spoke by phone to Margaret regarding dust from their quarry. She informed me that they have been operating normally with no modifications or additional equipment. She did mention that they have been more activity in a new area of the quarry, which is visible to homes located within the Kahiwelo housing development. They use this area to stockpile their over burden materials. They also have been attending the neighborhood board meetings and are working with the Kahiwelo development association to field inquiries

regarding the quarry.

☐ Informed Respondent of your findings
Actions Taken:

☐ Complainant can call Respondent

Informed Complainant of your findings:

Method (ex. phone, email, etc.):

Time:

Other Actions: anonymous complaint, no action taken.

☐ Referred for Enforcement Action

Date:

OA-2016-1330

Investigator Signature:



Date Submitted:

7/27/16

Complaint Intake

Received On: 7/19/16 10:00 AM

Entered By: Ron Ho

Delivery Method: Phone

Type: Complaint

Number: No. OA-2016-1330

Name: Grace Pacific Quarry dust

Summary: Dust from quarry activities impacting complainant

Assigned Staff: Ron Ho

Status: Open

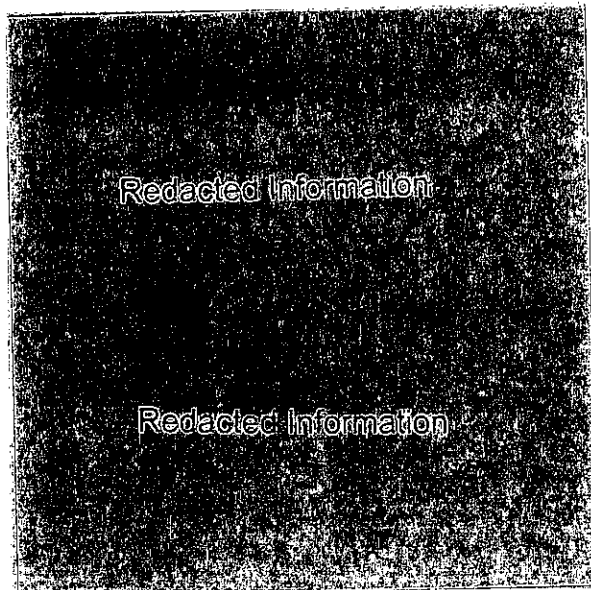
Location

Island: Oahu

Location Description: GP Quarry Makakilo

Location Address: Makakilo, Hawaii 96707

Complainant





To:
Cc:
Bcc:
Subject:

Cab General

Aloha and Good Afternoon Margaret: The Clea...

01/05/2017 02:12:29 PM

From: Cab General <Cab.General@doh.hawaii.gov>
To: "MDEntremont@gracepacific.com" <MDEntremont@gracepacific.com>
Cc: "BNobriga@gracepacific.com" <BNobriga@gracepacific.com>, "RCreps@gracepacific.com" <RCreps@gracepacific.com>
Date: 01/05/2017 02:12 PM
Subject: Request to Access a Gov't Record - Grace Pacific LLC Makakilo Quarry CSP No. 0045-01-C/CT

Aloha and Good Afternoon Margaret:

The Clean Air Branch does not have records of complaints against Makakilo Quarry from 9-1-16 to 9-30-16.

If there are further questions, please call me, 586-4200.

Thanks,
Jill Stensrud
Clean Air Branch

From: MDEntremont@gracepacific.com [<mailto:MDEntremont@gracepacific.com>]
Sent: Wednesday, December 28, 2016 2:38 PM
To: Cab General <Cab.General@doh.hawaii.gov>
Cc: BNobriga@gracepacific.com; RCreps@gracepacific.com
Subject: Request to Access a Gov't Record - Grace Pacific LLC Makakilo Quarry CSP No. 0045-01-C/CT

Good Afternoon,

Attached is the request form required to access Gov't records.

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Please advise the earliest I may obtain this information.

Please contact me if additional information is required.

Thank you,

Margaret D'Entremont
Grace Pacific LLC
Makakilo Quarry
(808) 693-7104 Direct
(808) 306-7998 Cell
(808) 693-7107 Fax

(See attached file: CAB Doc Request 161228.pdf)

This message, including any attachments, is intended for the use of the party to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure. If you are not the intended recipient, any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please contact the sender immediately by reply e-mail, and delete the original and any copies of this message. It is the sole responsibility of the recipient to ensure that this message and any



attachments are virus free. CAB Doc Request 161228.pdf

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix F

Makakilo Quarry Hotline Log, October 1, 2015 through
September 30, 2016.

(5 pages)

Grace Pacific Makakilo Quarry						
Community Hotline, Complaints, and Inquiries Log (Redacted)						
October 1, 2015 to September 30, 2016						
No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
1	10/8/2015	Phone Call	C&C Honolulu, Dept of Housing	Complaint regarding compliance with the City's Housing Code. There was an uncut patch of grass along our property fronting Farrington Highway, across from the Golf Course entrance.	Quarry Manager	10/8/2015 Boyd called landscaping contractor who said they would take care of it that day. Informed the complainant of our corrective actions. 10/9/2016 - Grass had not been cut. Complainant was informed about the delay via telephone. 10/12/2015 - Grass has been cut.
2	12/21/2015	Hotline	Resident A (Wai Kaloi)	Makakilo resident phoned and asked us to call him back.	Quarry Manager / Excavation Superintendent	Quarry Manager responded via telephone. The resident was inquiring about a tree limb he wants us to cut because it was overhanging his property. We removed the tree as requested.
3	1/23/2016	Hotline	Resident B (Kaneohe)	Kaneohe resident called to complain about a job where Grace Pacific was paving a street in Kaneohe. Police were not allowing residents access to the condo's entrance/exit. The complainant stated that residents were not aware of the parking lot closure and some needed to get to their dialysis appointments.	Quarry Admin Assistant / Paving Project Foreman	Resident called back to say that the Foreman had handled the situation. They regained use of the condo entrance/exit. He stated that the Foreman did an excellent job of resolving the problem and wanted to make sure his supervisors knew. 1/25/2016 - Quarry Admin Assistant phoned resident to follow up. All is well and he again mentioned how grateful he was for all of the Foreman's help.
4	1/28/2016	Phone Call	Resident C (Kapolei Knolls)	Resident called the Quarry Plant Superintendent. Resident was using foul language and complained that there was a white truck with trailer kicking up dust on the Navy access road along the perimeter by the housing (lower quarry).	Quarry Manager	Quarry Manager phoned resident to explained that the truck was not a Grace Pacific truck. Quarry Manager also questioned the resident's use of foul language. Resident apologized.
5	5/24/2016	Phone Call	Resident D (Kahiwelo)	Resident D called to complain about excessive dust billowing from excavator activity on top of the hill. She also inquired about how long the quarry will be in operation, and what are we doing with the patch of land that we're watering? Had we considered planting trees?	Quarry Manager	Excavation superintendent confirmed that we were working in the area to shore up berms. He immediately dispatched the water truck to saturate the ground. Quarry Manager phoned the resident, who said she should not have to call regarding dust problems. We should have taken care of it prior. She asked about planting trees. Quarry Manager explained that in the past, they have died due to insect infestation / lack of water. She questioned the areas where we are planting grass. Quarry Manager explained that we plant grass in areas where there will no longer be quarry activities, and that watering in this area would continue for 3 months. Quarry Manager asked if a community association board had been established for Kahiwelo. She referred us to Hawaiiana Management.

No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
6	5/27/2016	Guard Shack	Resident E (Wai Kaloi)	Resident came to the guard shack and requested that a fence post be removed from the back of his property line.	Excavation Superintendent	The fence post was removed as requested by the resident.
7	6/9/2016	Phone Call	Resident D (Kahiwelo)	Resident D called to complain about excessive dust. She said we were working on the ridge by her home and dust is billowing towards her.	Quarry Manager / Excavation Superintendent	Excavation superintendent confirmed that equipment was operating in that area. He indicated that weather conditions were mild. There was no wind, and it was drizzling rain. He immediately dispatched a water truck to the area.
8	6/27/2016	Phone Call	Resident D (Kahiwelo)	Resident D called to complain about plumes of dust billowing into her home. She stated there was dumping activity with no water truck in sight. She is very upset that she has to continue calling the quarry and asked why we weren't being proactive. She and other residents have had enough and have taken up the issue with Hawaiiana Management, and are prepared to go further if necessary.	Quarry Manager / Excavation Superintendent	Excavation superintendent immediately dispatched a water truck to the area.
9	7/5/2016	Phone Call	Resident F (Kahiwelo)	Resident F called to complain that she sees us building mounds but there is no water truck in sight. The dust being blown to her home is so thick she can feel the particles getting in her eyes. She has to dust her patio furniture daily and she wants us to clean it. She wants someone to come to her home and see the accumulated dirt. She discussed taking the complaint further as she is not the only resident with concerns.	Quarry Admin Assistant / Quarry Manager / Excavation Superintendent	Quarry Admin Assistant let her know that we are in touch with Hawaiiana Management and are trying to get contact info for the neighborhood board. Excavation superintendent dispatched a water truck to the area. Quarry Manager called Resident E, but she was leaving for an appointment and said she would call him back.
10	7/7/2016	Phone Call	Resident F (Kahiwelo)	Resident F sent a text message with pictures of the dust on her home. She asked to speak with the quarry manager	Quarry Manager	Quarry Manager called Resident F on 7/12/2016 to address the concerns. He advised that we would pursue interaction via Hawaiiana Management, and our insurance rep. would contact them directly.

No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
11	7/8/2016	Email	Kahiwelo Association Board President	Email from the Kahiwelo Homeowners Association Board President requesting that we refer Kahiwelo homeowners to contact Hawaiiana's Management Executive directly with their complaints and concerns. She requested that we set up a meeting.	Quarry Manager	All subsequent complaints from residents of Kahiwelo were requested to file their complaints directly with Hawaiiana Management. Grace Pacific met with the Kahiwelo Association board on 10/12/2016 to discuss dust complaints from residents, fire control, and UXO.
12	7/11/2016	Phone Call	Resident D (Kahiwelo)	Resident D asked to speak with the quarry manager.	Quarry Manager	Quarry Manager called Resident D on 7/12/2016 to address the concerns. He advised that we would pursue interaction via Hawaiiana Management, and our insurance rep. would contact them directly.
13	7/11/2016	Phone Call	Resident F (Kahiwelo)	Resident F requested an update regarding dust concerns, as she had not received a response. Resident F called back a few minutes later to request the email address of the Quarry Manager's supervisor (President of Grace Pacific)	Quarry Admin Assistant / Quarry Manager	Quarry Manager clarified that we were asked by the Kahiwelo Board President that the residents should contact Hawaiiana Management directly. They are the intermediary - Kahiwelo residents and Grace Pacific should pass all communications through Hawaiiana Management. Resident F was provided with the email address for the President of Grace Pacific, as requested. Resident F sent a follow-up email with photos (see next entry).
14	7/11/2016	Email	Resident F (Kahiwelo)	Resident E followed up previous phone call with an email that explained their frustrations with excessive dust, and asking for additional measures to reduce impacts of dust.	Quarry Manager	Quarry Manager called Resident F on 7/12/2016 to address the concerns. He advised that we would pursue interaction via Hawaiiana Management, and our insurance rep. would contact them directly.
15	7/11/2016	Phone Call	Resident D (Kahiwelo)	Resident D requested water trucks be dispatched to the ridge near her home. Activity had been going on for 20 minutes with no water truck in sight.	Quarry Manager / Excavation Superintendent	Excavation superintendent dispatched a water truck to the area. Quarry Manager called Resident D on 7/12/2016 to address the concerns. He advised that we would pursue interaction via Hawaiiana Management, and our insurance rep. would contact them directly.

No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
16	7/13/2016	Email	Resident D (Kahiwelo)	Letter sent from Resident D via email complains about frustrations associated with escalating amounts of dirt and dust over the past several weeks, specifically related to two large berms of red dirt along the ridge line. Requested that the new dirt areas be planted with grass, that stockpiling be relocated to another area of the quarry (farther from the residents), and that Grace Pacific assist with maintaining a fire break along the property boundary.	Quarry Manager	The three major requests from the email were subsequently addressed - the stockpile of red dirt above the ridge line was relocated to another area on the far side of the quarry, grass was planted in the stockpiling area along the ridge line, and the requested fire break along the property line was implemented.
17	7/21/2016	Phone Call	Resident D (Kahiwelo)	Resident D called to complain that there was no water truck in the area where trucks were working. There were large plumes of dust going directly to her home. She is video taping the activity.	Quarry Manager	Quarry Manager explained that we are utilizing our water trucks as required. The resident said this was not adequate.
18	8/5/2016	Email	Resident G (Kahiwelo)	Resident G sent an email to bring attention to inconvenience and frustration regarding the quarry. Resident requested that Grace implement dust control measures. Email included photos of the dirt build-up on the homes.	Quarry Manager	The complaint was referred to Grace Pacific's insurance company to investigate the claim.
19	8/16/2016	Phone Call	Resident H (Honolulu)	Phone call regarding a Grace Pacific truck travelling west-bound on H-1 that had a broken hydraulic hose. Hose was spraying hydraulic fluid and the motorist had to stop to clean his windshield.	Trucking Manager / Safety Specialist	The H-1 freeway was inspected to check for potential oil slicks or other safety hazards. No signs of hydraulic oil were observed on the freeway or connecting roads. The truck returned to its baseyard at Campbell Industrial Park where it was repaired.
20	8/22/2016	Phone Call	Resident F (Kahiwelo)	Resident F called to complain about activity on the ridge with no water truck. Resident feels that her concerns are falling on deaf ears. She also stated that the Management Executive at Hawaiiiana Management doesn't call her back. She videotaped the occurrence.	Quarry Admin Assistant / Quarry Manager	Quarry Admin Assistant advised the resident to contact Hawaiiiana Management. A water truck was dispatched to the area immediately.

No.	Date	Communication Method	Complainant	Message / Description of Call	Investigation / Responsible Party	Investigation / Action Plan
21	8/23/2016	Email	Resident F (Kahiwelo)	Email that recapped the incident on the previous day.	Quarry Admin Assistant / Quarry Manager	See response to 8/22/2016 Phone Call.
22	9/13/2016	Phone Call	Resident F (Kahiwelo)	Resident F called to complain about activity on the ridge with no water truck. She videotaped the occurrence.	Quarry Admin Assistant / Quarry Manager	Excavation Superintendent confirmed that we were using the sheep's foot / dimple roller to prep the area for planting grass. There was no grading or dumping activity. The ground was saturated due to substantial rainfall that had occurred that day and the previous day. A water truck was dispatched to the area. The Quarry Admin Assistant advised her to contact Hawaiiana Manaagemet.
23	9/13/2016	Email	Resident F (Kahiwelo)	Email from Resident F that recapped the incident from earlier in the day.	Quarry Admin Assistant / Quarry Manager	See response to 9/13/2016 Phone Call.
24	9/28/2016	Phone Call	Resident I (Kapolei Knolls)	Complaint regarding excessive dust in the lower quarry behind the resident's home. He said the security people drive fast and kick up dust. The dust settles on the house, cars, and makes it difficult to breathe.	Quarry Admin Assistant / Quarry Manager	Reviewed GPS track for security vehicle, which showed the vehicle traveling at a speed of approximately 10-20 mph. Quarry Admin Assistant called back the resident to let him know that we will speak with the guards and monitor their speed when patrolling.

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix G

Index of attached DVDs:

(1) 2016 Annual Report

2016 Annual Report Appendices A – J.

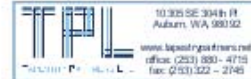
(2) Aerial Photos and Topographic Map, dated October
19, 2016.

Copies of Aerial Photos and Topographic Map follow
this cover sheet. (4 pages)

MAKAKILO QUARRY ANNUAL REPORT 2016 DVD CONTENTS



GRACE PACIFIC MAKAKILO QUARRY
QUARRY EXPANSION PROJECT
MAKAKILO, HI



20161201
REV. 00
SHEET 1 OF 1
TPL JOB# 1000

MQACR 2016 EXHIBITS DVD CONTAINS

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File folder	MQ AERIAL TOPO 2016 FILES	2016-12-01 2:45 PM	
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PDF Document	MQ AERIAL TOPO MAP 2016.pdf	2016-12-01 9:28 AM	8,606 KB
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PDF Document	MQ LOWER AERIAL IMAGE 2016 low.pdf	2016-12-01 1:54 PM	1,651 KB
PDF Document	MQ OVERALL AERIAL IMAGE 2016 high res.pdf	2016-12-01 2:10 PM	36,770 KB
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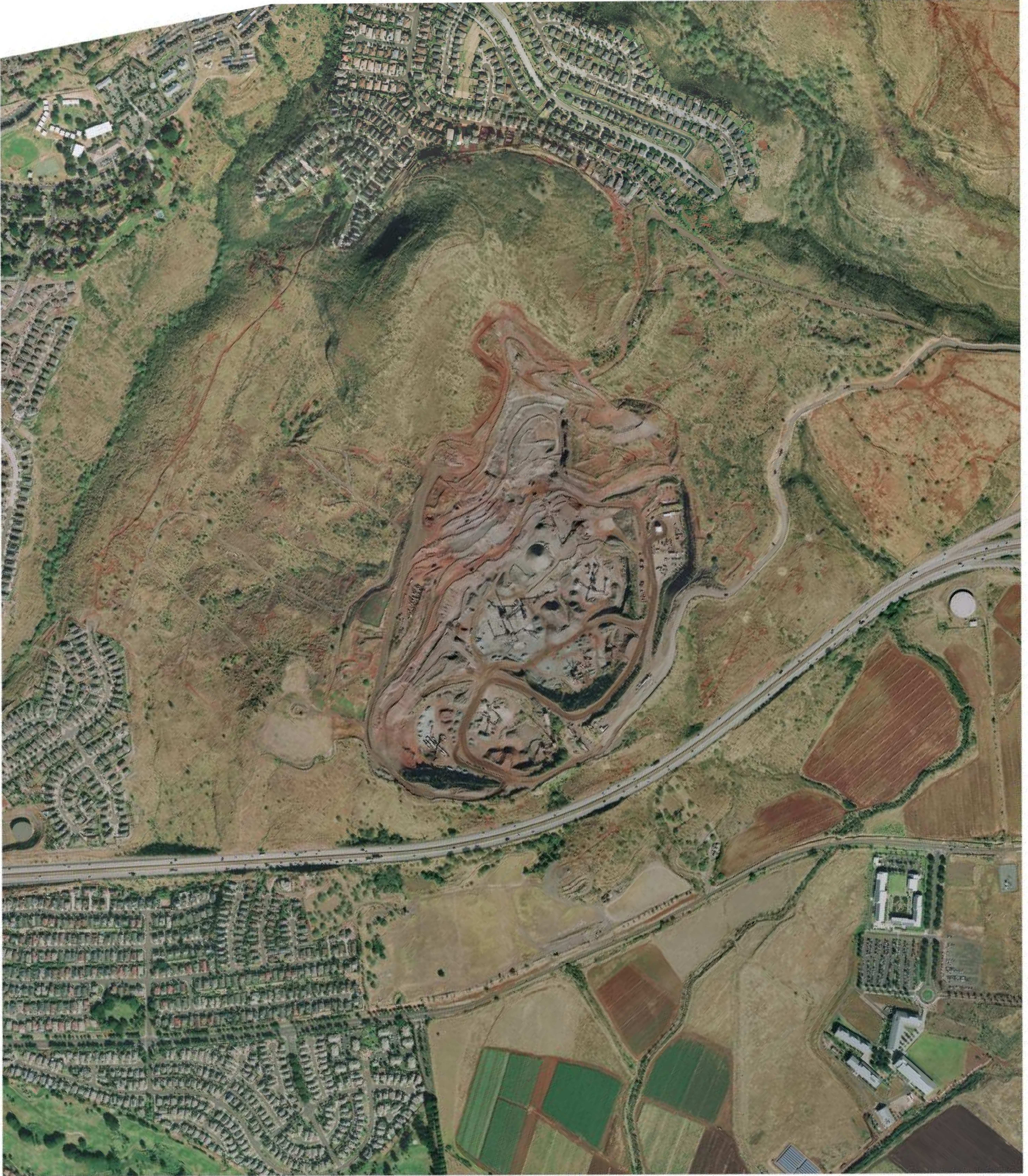
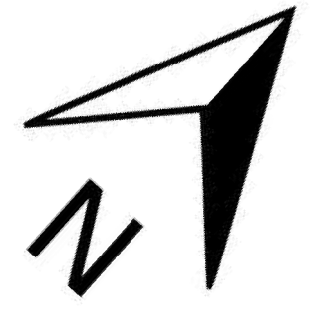
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TIFF image	MAKAKILO UPPER QUARRY 20161019	11/17/2016 1:39 PM	295,825 KB

"MQ AERIAL TOPO 2016 FILES" FOLDER CONTAINS

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DWG TrueView Drawing	MakakiloQuarry-PLAN 20161019.dwg	2016-11-16 10:33 AM	29,565 KB

SCALE 1" = 400'



MAKAKILO QUARRY OVERALL AERIAL IMAGE

UPDATED DECEMBER 01, 2016

DATE OF AERIAL OCTOBER 19, 2016



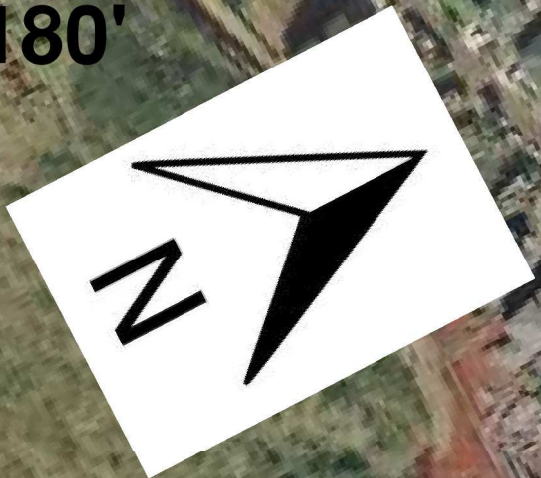
GRACE PACIFIC MAKAKILO
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SCALE 1" = 180'



MAKAKILO QUARRY UPPER AERIAL IMAGE

UPDATED DECEMBER 01, 2016
DATE OF AERIAL OCTOBER 19, 2016



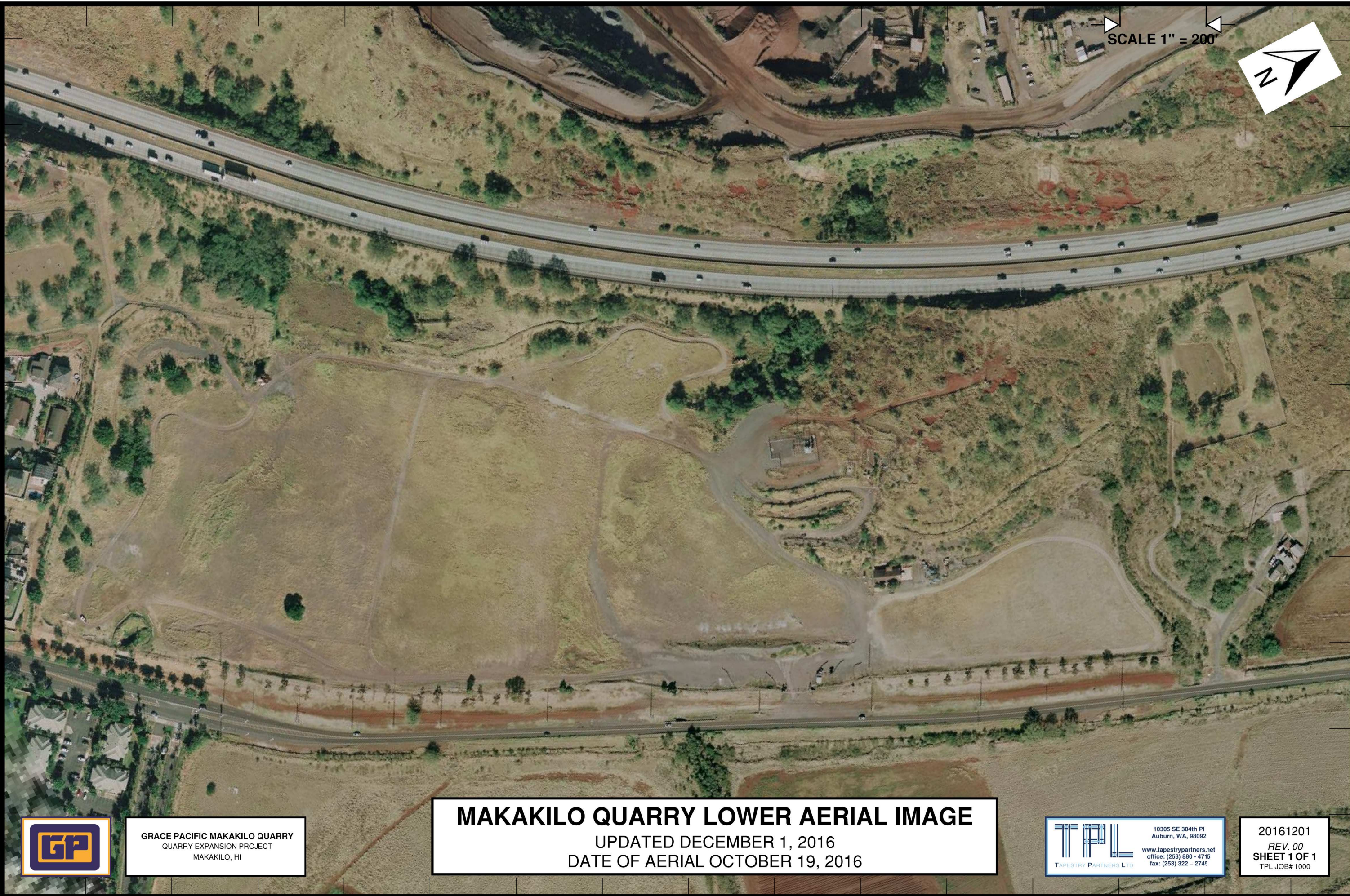
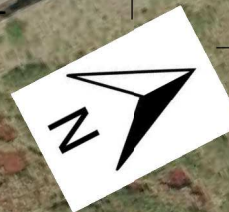
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SCALE 1" = 200'



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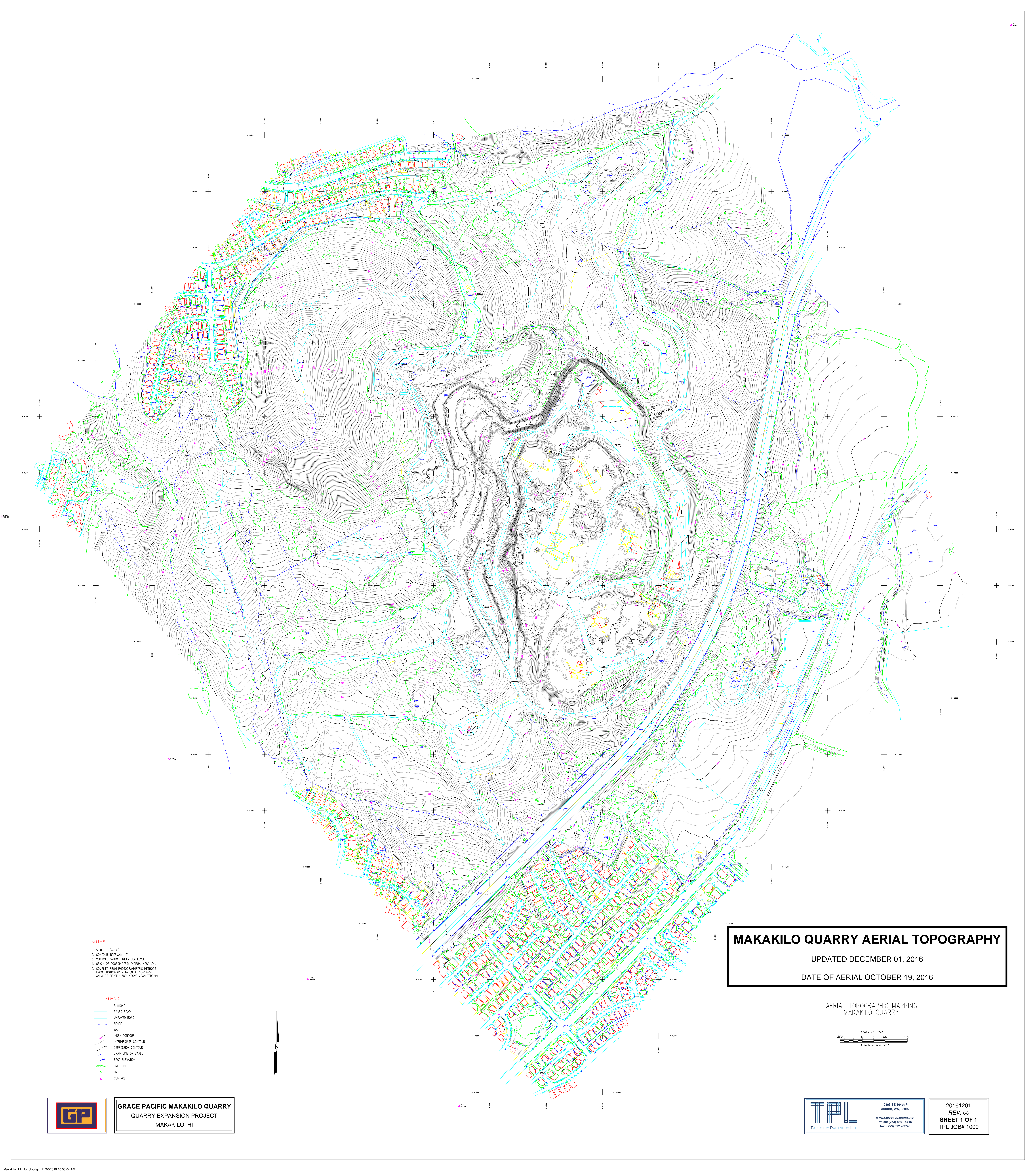
MAKAKILO QUARRY LOWER AERIAL IMAGE

UPDATED DECEMBER 1, 2016
DATE OF AERIAL OCTOBER 19, 2016



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NOTES

1. SCALE: 1"=200'
2. CONTOUR INTERVAL: 5'
3. VERTICAL DATUM: MEAN SEA LEVEL
4. ORIGIN OF COORDINATES: "KAPUAI NEW" Δ
5. COMPILED FROM PHOTOGRAMMETRIC METHODS FROM PHOTOGRAPHY TAKEN AT 10:15-16 AM. AN ALTITUDE OF 4,600' ABOVE MEAN TERRAIN.

LEGEND

- BUILDING
- PAVED ROAD
- UNPAVED ROAD
- FENCE
- WALL
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- DEPRESSION CONTOUR
- DRAIN LINE OR SWALE
- SPOT ELEVATION
- TRAIL LINE
- TREE
- CONTROL

MAKAKILO QUARRY AERIAL TOPOGRAPHY

UPDATED DECEMBER 01, 2016

DATE OF AERIAL OCTOBER 19, 2016

AERIAL TOPOGRAPHIC MAPPING
MAKAKILO QUARRY

GRAPHIC SCALE
0 100 200 400
1" = 200 FEET



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QUARRY EXPANSION PROJECT
MAKAKILO, HI



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ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix H

Status Report for Lower Quarry VRP, Environmental
Science International, dated January 4, 2017.

(2 pages)



Environmental Science International
354 Uluniu Street, Suite 304, Kailua, Hawaii 96734
(808) 261-0740 phone / (808) 261-0749 fax

109131

January 4, 2017

Grace Pacific LLC
P.O. Box 78
Honolulu, Hawaii 96810

Attention: Mr. Joseph Shacat

Subject: Annual Report for October 2015 to September 2016, Grace Pacific
Lower Makakilo Facility, 91-920 Farrington Highway, Kapolei, Hawaii

References: Voluntary Response Program No. VRP-30

Dear Mr. Shacat,

At your request, we have summarized the Voluntary Response Program [VRP] site characterization work completed at the Grace Pacific LLC [Grace Pacific] Lower Makakilo Facility from October 2015 to September 2016. Below is a summary of the work completed.

- The soil sample and soil vapor sample analytical data have been thoroughly reviewed and checked. The site characterization report has been started and is approximately 95% complete. The draft site characterization report is scheduled to be completed by January 13, 2017. Following completion of the site characterization report we will proceed with preparing the Environmental Hazard Evaluation [EHE] and Remedial Alternatives Analysis [RAA]. The EHE assesses potential hazards to human health and the environment posed by contamination at the property. The RAA assesses remedial options. The results of the EHE and RAA will dictate whether additional assessment or remediation is needed.
- Soil stockpiles at the property (that were generated during sampling of the ponds and as a result of remedial excavation) have been sampled and soil profile forms for landfill clearance have been prepared and are currently being reviewed.

Mr. Joseph Shacat

January 4, 2017

Page 2

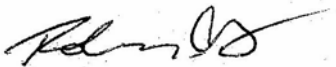
- Sampling of the soil and reclaimed asphalt pavement [RAP] stockpile in the Upper Quarry (i.e., soil and RAP generated from Area C and transported to the Upper Quarry prior to completing the Area C assessment) has been completed. The lead-contaminated soil has been removed and properly disposed of and the State of Hawaii Department of Health [DOH] Hazard Evaluation and Emergency Response [HEER] Office has issued a determination of No Further Action for the soil and RAP stockpile.
- Based on further analysis and research of the free product that was observed in the former groundwater well, the product is consistent with mineral oil that was used to lubricate the pump while the well was in operation.

The next phase of work includes the following:

- Submit draft site characterization report to Grace Pacific and revise if necessary, based on comments received.
- Submit final site characterization report to the DOH and revise if necessary, based on their comments.
- Excavate and properly dispose of the polychlorinated biphenyl [PCB]-contaminated soil in Decision Unit C-19.
- Remove and properly dispose of the soil stockpiles that are currently onsite.
- Conduct an EHE and a RAA (VRP Tasks 5 and 6).

If you have questions or need additional information, please give me a call at (808) 261-0740.

Mahalo,



Robert Chong
Executive Vice President

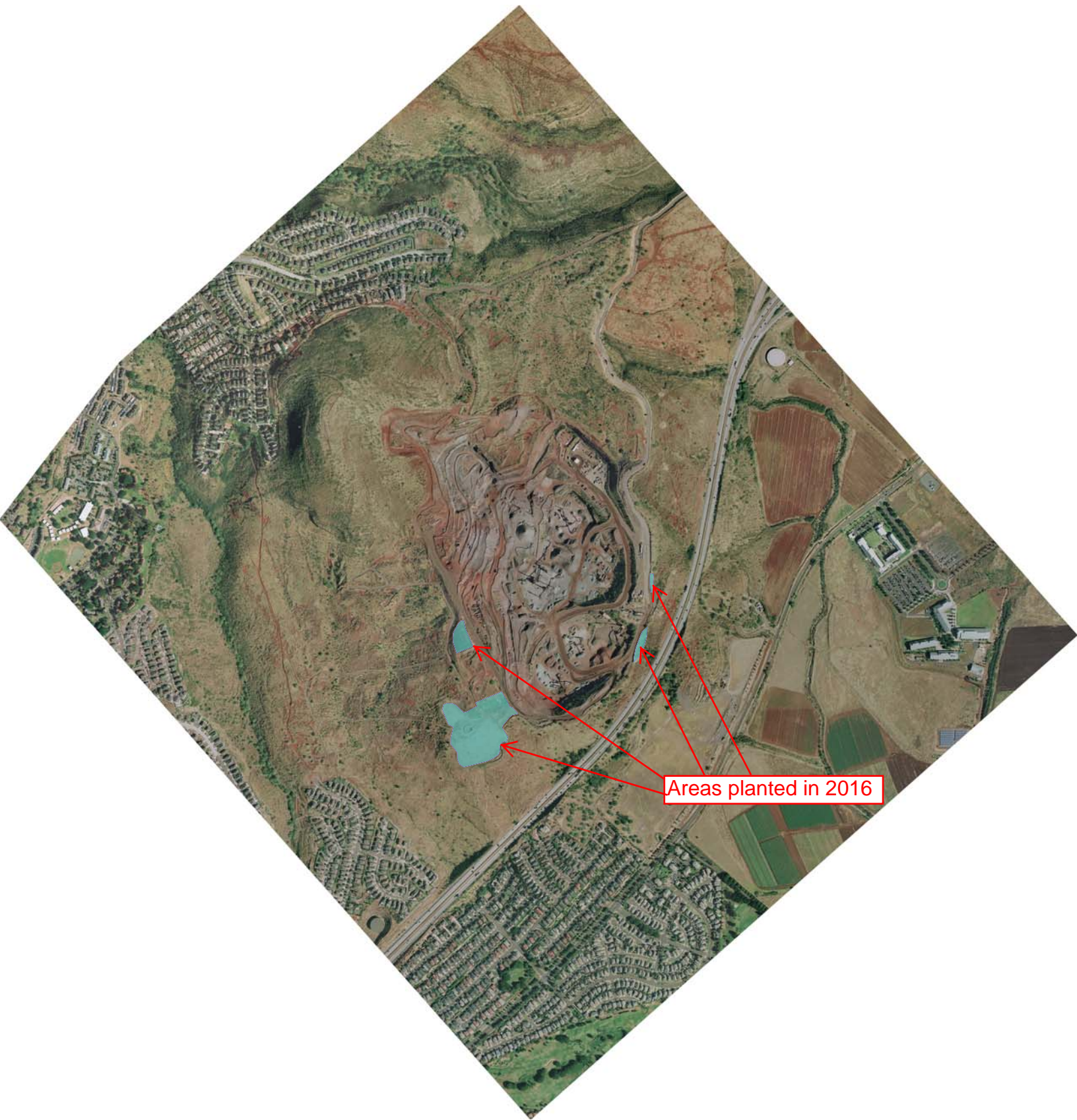
ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix I

Figure of Renaturalization Areas.
(1 page)



Areas planted in 2016

ANNUAL COMPLIANCE REPORT

Makakilo Quarry, Ewa, Oahu, Hawaii

2016

Appendix J

Photographs of Renaturalization and Dust Control Measures.
(7 pages)



Photo 1. Grass planted near Hole 9, facing mauka.



Photo 2. Grass planted near Hole 9, facing west.



Photo 3. Grass planted near Hole 9, facing west.



Photo 4. Grass planted near Hole 9, facing mauka.



Photo 5. Grass planted near Hole 9, facing west.



Photo 6. Grass planted near Hole 9, facing mauka.



Photo 7. Grass planted near Hole 9 (foreground) and on the outside slope of stockpile on top of ridge located on the west side of the quarry (background), facing mauka.



Photo 8. Grass planted on leveled stockpile on top of ridge located on the west side of the quarry, facing mauka.



Photo 9. Grass planted on leveled stockpile on top of ridge located on the west side of the quarry, facing west.



Photo 10. Grass planted on leveled stockpile on top of ridge located on the west side of the quarry, facing makai.



Photo 11. Grass planted on outside slope of quarry fronting the H-1 Freeway, facing northeast.



Photo 12. Grass planted on outside slope of quarry fronting the H-1 Freeway, facing northeast.



Photo 13. Recycled asphalt placed on west haul road to reduce dust, facing mauka.



Photo 14. Recycled asphalt placed on access road near Hole 9 to reduce dust, facing east.