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LAND USE COMMISSION
STATE OF HAWAII
2021 OCT 19 A 10:07

October 14, 2021

Daniel E. Orodener
Executive Officer
235 S. Beretania Street, Suite 406
Honolulu, Hawaii 96813

Zendo Kern
Planning Director
101 Pauahi Street, Suite 3
Hilo, Hawaii 96720

Re: 2020-2021 Annual Monitoring Reports
Special Permit No. 724 / LUC Docket No. SP90-374
Successor Applicant: PR Mauna Kea LLC
TMK: (3) 6-7-001:025 (portion) ("Property")

Gentlemen:

On October 17, 2018, by Order Adopting the Recommendation of the County of Hawai'i Leeward Planning Commission to Approve a Time Extension Request to the State Special Use Permit With Modification filed in Docket No. SP90-374 ("**SP90-374**"), the State Land Use Commission ("**LUC**") adopted the recommendation of the Hawai'i County Planning Commission subject to conditions of approval, which superseded all other conditions in the Findings of Fact, Conclusions of Law, and Decision and Order filed on March 16, 1990, as amended by the Order Granting Applicant's Request to Expand Existing Quarry and to Amend Condition Number 7 filed on May 9, 2000, for lands within the State Land Use Agricultural District at Waikoloa, District of South Kohala, Island and County of Hawai'i ("**LUC Order**").

On behalf of PR Mauna Kea LLC, we respectfully submit the 2021 Annual Monitoring Reports, in compliance with Condition No. 8 of SP90-374 as follows:

1. Annual Monitoring Report Forms (Diesel Engine Generators) covering the periods September 1 to December 31, 2020 (Exhibit 1a) and January 1 to September 30, 2021 (Exhibit 1b);

2. Annual Monitoring Report Forms (Crushing and Screening Plants)¹ covering the periods September 1 to December 31, 2020 (Exhibit 2a) and January 1 to September 30, 2021 (Exhibit 2b); and
3. Annual Monitoring Report Forms (Crushing and Screening Plants)² covering the periods September 1 to December 31, 2020 (Exhibit 2c) and January 1 to September 30, 2021 (Exhibit 2d); and

PR Mauna Kea LLC continues to comply with conditions of approval nos. 2 and 3 relating to quarry operations, activities and hours of operation, and is unaware of any public complaints or problems associated with the rock quarry operations.

Please do not hesitate to contact me should you have any questions concerning this submittal. Thank you for your consideration.

Very truly yours,



Katherine A. Garson

KAG/KYL

Enclosures

xc with enclosures: Client

West Hawaii Concrete

4837-2801-1768.1

¹ 1,130 TPH Cedarapids Plant Serial No. 52073

² 400 TPH Cedarapids Plant Serial No. 10012590.

Exhibit 1a

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS - EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(PAGE 1 OF 4)**

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually for each location:

(Make copies for additional use for each location)

For Period: September 1, to December 31, 2020

Date: October 12, 2021

Company Name: West Hawaii Concrete

Equipment Location: Waimea Quarry

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): George Purdy

TITLE: General Manager

Responsible Official (Signature): 

1. Identify each location of the 1,000 kW/1,350 hp diesel engine generator for the reporting period:

1,000 kW/1,350 hp Diesel Engine Generator	

2. Report the total fuel consumption for each location for the 1,000 kW/1,350 hp diesel engine generator as follows:

Month	1,000 kW/1,350 hp Diesel Engine Generator	
	Total Fuel consumption (gallons)	Total Production (gallons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September	1,239	14,322
October	2,489	16,391
November	1,838	18,228
December	2,678	20,906

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(CONTINUED, PAGE 2 OF 4)**

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

3. Identify each location of the 545 kW/810 hp diesel engine generator for the reporting period:

545 kW/810 hp (serial no. 81Z10333)	

545 kW/810 hp (serial no. 81Z09675)	
81Z09675 Only generator used in Waimea	

4. Report the total fuel consumption for each location for the 545 kW/810 hp diesel engine generator as follows:

Month	545 kW/810 hp Diesel Engine Generator 81Z10333 / 81Z09675	
	Total Fuel consumption (gallons)	Total Production (gallons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September	2,546	26,771
October	1,596	25,954
November	1,691	25,897
December	1,843	26,068

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(CONTINUED, PAGE 3 OF 4)**

Issuance Date: December 15, 2010

Expiration Date: March 30, 2014

5. Identify each location of the 635 kW/976 hp diesel engine generator for the reporting period: Waimea Quarry
6. Report the total fuel consumption for each location for the 635 kW/976 hp diesel engine generator as follows:

Month	635 kW/976 hp Diesel Engine Generator	
	Total Fuel consumption (gallons)	Total Production (gallons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September	-0-	-0-
October	-0-	-0-
November	-0-	-0-
December	-0-	-0-

7. Report all incidences when the 545 kW diesel engine generators operated simultaneously and any one location: -0- incidences

Date	Duration of Operation

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(CONTINUED, PAGE 4 OF 4)**

Issuance Date: December 15, 2010

Expiration Date: March 30, 2014

8. Report all incidences when more than three diesel engine generators operated at any one (1) location. : -0- incidences

Date	Duration of Operation

9. Report all incidences when a diesel engine generator was operated more than twelve (12) hours per day at the Kona Quarry. -0- incidences

Date	Equipment Serial No.	Duration of Operation (hours)

10. Report all incidences when a diesel engine generator was operated more than 12 hours per day at the Waikoloa Quarry. -0- incidences

Date	Equipment Serial No.	Duration of Operation (hours)

11. Report all incidences when a diesel engine generator was operated more than twelve (12) hours per day at the Waimea Quarry. -0- incidences

Date	Equipment Serial No.	Duration of Operation (hours)

Exhibit 1b

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS - EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(PAGE 1 OF 4)**


Issuance Date: March 31, 2009**Expiration Date:** March 30, 2014

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually for each location:

(Make copies for additional use for each location)

For Period: January 1, to September 30, 2021**Date:** October 13, 2021**Company Name:** West Hawaii Concrete**Equipment Location:** Waimea Quarry

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): George Purdy**TITLE:** General Manager**Responsible Official (Signature):** 

1. Identify each location of the 1,000 kW/1,350 hp diesel engine generator for the reporting period:

1,000 kW/1,350 hp Diesel Engine Generator	In Waimea

2. Report the total fuel consumption for each location for the 1,000 kW/1,350 hp diesel engine generator as follows:

Month	1,000 kW/1,350 hp Diesel Engine Generator	
	Total Fuel consumption (gallons) Monthly Basis	Total Production (gallons) 12-Month Rolling Basis
January	-0-	20,906
February	-0-	20,906
March	-0-	20,906
April	1,782	20,735
May	2,211	20,678
June	1,771	19,467
July	2,354	18,492
August	2,079	18,440
September	2,129	19,329
October		
November		
December		

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(CONTINUED, PAGE 2 OF 4)**

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

3. Identify each location of the 545 kW/810 hp diesel engine generator for the reporting period:

545 kW/810 hp (serial no. 81Z10333)	

545 kW/810 hp (serial no. 81Z09675)	

4. Report the total fuel consumption for each location for the 545 kW/810 hp diesel engine generator as follows:

Month	545 kW/810 hp Diesel Engine Generator 81Z10333 / 81Z09675	
	Total Fuel consumption (gallons)	Total Production (gallons)
	Monthly Basis	12-Month Rolling Basis
January	1,553	25,816
February	3,508	28,050
March	3,485	29,711
April	3,565	30,616
May	2,611	30,965
June	2,783	31,221
July	2,887	30,897
August	2,059	30,124
September	2,266	29,844
October		
November		
December		

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(CONTINUED, PAGE 3 OF 4)**

Issuance Date: December 15, 2010

Expiration Date: March 30, 2014

5. Identify each location of the 635 kW/976 hp diesel engine generator for the reporting period:
In Storage in the Waimea Quarry
6. Report the total fuel consumption for each location for the 635 kW/976 hp diesel engine generator as follows:

Month	635 kW/976 hp Diesel Engine Generator	
	Total Fuel consumption (gallons)	Total Production (gallons)
	Monthly Basis	12-Month Rolling Basis
January	-0-	-0-
February	-0-	-0-
March	-0-	-0-
April	-0-	-0-
May	-0-	-0-
June	-0-	-0-
July	-0-	-0-
August	-0-	-0-
September	-0-	-0-
October	-0-	-0-
November		
December		

7. Report all incidences when the 545 kW diesel engine generators operated simultaneously and any one location: **-0- incidences**

Date	Duration of Operation

**MONITORING REPORT FORM
DIESEL ENGINE GENERATORS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT
(CONTINUED, PAGE 4 OF 4)**

Issuance Date: December 15, 2010

Expiration Date: March 30, 2014

8. Report all incidences when more than three diesel engine generators operated at any one (1) location. : -0- incidences

Date	Duration of Operation

9. Report all incidences when a diesel engine generator was operated more than twelve (12) hours per day at the Kona Quarry. -0- incidences

Date	Equipment Serial No.	Duration of Operation (hours)

10. Report all incidences when a diesel engine generator was operated more than 12 hours per day at the Waimea Quarry. -0- incidences

Date	Equipment Serial No.	Duration of Operation (hours)

11. Report all incidences when a diesel engine generator was operated more than twelve (12) hours per day at the Waimea Quarry. -0- incidences

Date	Equipment Serial No.	Duration of Operation (hours)

Exhibit 2a

**MONITORING REPORT FORM
CRUSHING AND SCREENING PLANTS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT**

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually for each location:

(Make copies for additional use for each location)

For Period: September 1, to December 31, 2020 Date: October 12, 2021

Company Name: West Hawaii Concrete

Equipment Location: Waimea Quarry

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): George Purdy

TITLE: General Manager

Responsible Official (Signature): 

1. Identify each plant location for the reporting period:

1,130 TPH Cedarapids Plant Serial no 52073	WAIMEA

2. Report the total production for the crushing and screening plants in tons as follows for each location:

Month	1,130 TPH Cedarapids Crushing and Screening Plant Production	
	Total Production (tons)	Total Production (tons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September		229,524
October	40,968	261,946
November	28,559	290,505
December	48,379	338,884

Exhibit 2b

**MONITORING REPORT FORM
CRUSHING AND SCREENING PLANTS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT**

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually for each location:

(Make copies for additional use for each location)

For Period: January 1, to September 30, 2021

Date: October 13, 2021

Company Name: West Hawaii Concrete

Equipment Location: Waimea Quarry

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): George Purdy

TITLE: General Manager

Responsible Official (Signature): _____

1. Identify each plant location for the reporting period:

1,130 TPH Cedarapids Plant Serial no 52073	

2. Report the total production for the crushing and screening plants in tons as follows for each location:

Month	1,130 TPH Cedarapids Crushing and Screening Plant Production	
	Total Production (tons) Monthly Basis	Total Production (tons) 12-Month Rolling Basis
January	-0-	338,884
February	-0-	338,884
March	-0-	338,884
April	29,345	341,251
May	25,238	319,030
June	27,122	293,744
July	27,622	278,429
August	26,542	281,460
September	32,386	286,161
October		
November		
December		

Exhibit 2c

MONITORING REPORT FORM CRUSHING AND SCREENING PLANTS – EACH LOCATION TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually for each location:

(Make copies for additional use for each location)

For Period: September 1, to December 31, 2020 Date: October 12, 2021

Company Name: West Hawaii Concrete

Equipment Location: Waimea Quarry

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): George Purdy

TITLE: General Manager

Responsible Official (Signature): 

1. Identify each plant location for the reporting period:

400 TPH Cedarapids Serial no. 10012590 (613)	WAIMEA

2. Report the total production for the crushing and screening plants in tons as follows for each location:

Month	400 TPH Cedarapids Crushing and Screening Plant Production (613)	
	Total Production (tons)	Total Production (tons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September	16,397	211,068
October	8,677	198,947
November	12,451	193,312
December	14,680	185,305

Exhibit 2d

**MONITORING REPORT FORM
CRUSHING AND SCREENING PLANTS – EACH LOCATION
TEMPORARY COVERED SOURCE PERMIT NO. 0355-07-CT**

Issuance Date: March 31, 2009

Expiration Date: March 30, 2014

In accordance with the HAR, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually for each location:
(Make copies for additional use for each location)

For Period: January 1, to September 30, 2021

Date: October 13, 2021

Company Name: West Hawaii Concrete

Equipment Location: Waimea Quarry

I certify that I have knowledge of the facts herein set forth, that the same are true, accurate, and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.

Responsible Official (Print): George Purdy

TITLE: General Manager

Responsible Official (Signature): 

1. Identify each plant location for the reporting period:

400 TPH Cedarapids Serial no. 10012590 (613)	

2. Report the total production for the crushing and screening plants in tons as follows for each location:

Month	400 TPH Cedarapids Crushing and Screening Plant Production (613)	
	Total Production (tons) Monthly Basis	Total Production (tons) 12-Month Rolling Basis
January	12,085	181,522
February	26,335	195,196
March	23,709	198,737
April	15,449	195,173
May	17,624	195,989
June	12,913	192,802
July	18,970	196,417
August	13,001	192,291
September	14,431	190,325
October		
November		
December		