

CARLSMITH BALL LLP LAND USE COMMISSION
STATE OF HAWAII

A LIMITED LIABILITY LAW PARTNERSHIP

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22 OCT 10 P4:25

October 3, 2022

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

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

Re: 2021-2022 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adopted the recommendation of the Hawai'i County Planning Commission subject to conditions of approval, which superseded all other conditions in the Findings of Fact, Conclusions of Law, and Decision and Order filed on March 16, 1990, as amended by the Order Granting Applicant's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 October 1 to December 31, 2021 (Exhibit 1a) and January 1 to September 30, 2022 (Exhibit 1b);

October 3, 2022

Page 2

2. Annual Monitoring Report Forms (Crushing and Screening Plants)¹ covering the periods October 1 to December 31, 2021 (Exhibit 2a) and January 1 to September 30, 2022 (Exhibit 2b); and
3. Annual Monitoring Report Forms (Crushing and Screening Plants)² covering the periods October 1 to December 31, 2021 (Exhibit 2c) and January 1 to September 30, 2022 (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

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 3)**

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: October 1, to December 31, 2021 Date: October 3, 2022

Company Name: West Hawaii Concrete

Equipment Location: Waiimea 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)	Total Production (gallons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September		
October	2,475	19,316
November	1,331	18,809
December	2,970	19,102

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

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)	
81Z10333 in Waimea	

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		
February		
March		
April		
May		
June		
July		
August		
September		
October	2,185	26,135
November	2,214	26,657
December	2,546	27,360

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

Issuance Date: December 15, 2010

Expiration Date: March 30, 2014

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

Date	Duration of Operation

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

Date	Duration of Operation

7. 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)

8. 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)

9. 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, 2022 Date: October 3, 2022

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:

<u>1,000 kW/1,350 hp Diesel Engine Generator</u>	<u>1 Waimea</u>

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	2,702	21,804
February	2,520	24,324
March	3,542	27,866
April	1,092	27,176
May	1,666	26,631
June	2,268	27,128
July	3,654	28,428
August	3,752	30,101
September	1,344	29,316
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)	
81Z1009675 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) Monthly Basis	Total Production (gallons) 12-Month Rolling Basis
January	2,157	33,724
February	1,872	32,088
March	2,765	31,368
April	3,306	31,109
May	2,594	31,092
June	2,893	31,202
July	2,328	30,643
August	3,069	31,653
September	2,917	32,304
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		
August		
September		
October		
November		
December		

**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

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

Date	Duration of Operation

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: October 1, to December 31, 2021

Date: October 3, 2022

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)	Total Production (tons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September		
October	35,620	280,813
November	19,997	272,251
December	55,568	279,440

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, 2022

Date: October 3, 2022

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	41,730	321,170
February	39,470	360,640
March	60,866	421,506
April	19,327	411,488
May	29,386	415,636
June	32,546	421,060
July	69,108	462,546
August	69,063	505,067
September	23,557	496,238
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: October 1, to December 31, 2021 Date: October 3, 2022

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)	Total Production (tons)
	Monthly Basis	12-Month Rolling Basis
January		
February		
March		
April		
May		
June		
July		
August		
September	14,431	190,325
October	16,262	197,910
November	17,823	203,282
December	21,920	210,522

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, 2022 Date: October 3, 2022

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	17,222	215,659
February	17,562	206,886
March	26,847	210,024
April	34,019	228,594
May	23,486	234,456
June	18,715	240,258
July	16,605	237,893
August	24,929	249,821
September	33,662	269,052
October		
November		
December		