JOSH GREEN, M.D.
Governor

SYLVIA LUKE
Lt. Governor

MARK H. TAKEMOTO
Acting Executive Director

STATE OF HAWAI'I
AGRIBUSINESS DEVELOPMENT CORPORATION
HUI HO'OULU AINA MAHIAI
235 S. Beretania Street, Room 205
Honolulu, HI 96813

Regular Meeting of the ADC Board of Directors

Held via Teleconference

August 17, 2023
9:00 a.m.

Pursuant to section 92-3.7, Hawaii Revised Statutes, this meeting will be held using interactive conference technology (ICT). Board members, staff, persons with business before the Board, and the public may participate remotely online using ICT, or may participate via the in-person meeting site which provides ICT.

Interested persons may submit written testimony in advance of the meeting, which will be distributed to Board members prior to the meeting. We request that testimony be received by our office not less than seventy-two hours prior to the meeting to ensure that staff has time to disseminate it and that Board members have time to review it. Written testimony may be submitted electronically to dbedt.adc@hawaii.gov or sent via U.S. Postal Service to: Agribusiness Development Corporation, 235 South Beretania Street, Suite 205, Honolulu, Hawaii 96813.

When testifying via ICT, via telephone, or in-person, you will be asked to identify yourself and the organization you represent, if any. Each testifier will be limited to two minutes of testimony per agenda item.

The public may participate in the meeting via:

ICT:	***click here to join***
Telephone:	***(669) 900-6833, Webinar ID: 873 9186 1317***
In-Person:	***at the meeting location indicated below***

ICT ACCESS
To view the meeting and provide live oral testimony, please use the link at the top of the agenda. You will be asked to enter your name. The Board requests that you enter your full name, but you may use a pseudonym or other identifier if you wish to remain anonymous. You will also be asked for an email address. You may fill in this field with any entry in an email format, e.g., ****@****.com.

Your microphone will be automatically muted. When the Chairperson asks for public testimony, you may click the Raise Hand button found on your Zoom screen to indicate that you wish to testify about that agenda item. The Chairperson or staff will individually enable each testifier to unmute their microphone. When recognized by the Chairperson, please unmute your microphone before speaking and mute your microphone after you have finished speaking.

For ICT, telephone, and in-person access, when testifying, you will be asked to identify yourself and the organization, if any, that you represent. Each testifier will be limited to two minutes of testimony per agenda item.

TELEPHONE ACCESS
If you do not have ICT access, you may get audio-only access by calling the Telephone Number listed at the top on the agenda.

Upon dialing the number, you will be prompted to enter the Meeting ID listed next to the Telephone Number at the top of the agenda. After entering the Meeting ID, you will be asked to either enter your panelist number or wait to be admitted into the meeting. Please wait until you are admitted into the meeting.

When the Chairperson asks for public testimony, you may indicate you want to testify by entering "#" and then "9" on your telephone's keypad. After entering "#" and then "9", a voice prompt will let you know that the host of the meeting has

been notified. When recognized by the Chairperson, you may unmute yourself by pressing "#" and then "6" on your telephone. A voice prompt will let you know that you are unmuted. Once you are finished speaking, please enter "#" and then "6" again to mute yourself.

For ICT, telephone, and in-person access, when testifying, you will be asked to identify yourself and the organization, if any, that you represent. Each testifier will be limited to two minutes of testimony per agenda item.

Instructions to attend State of Hawaii virtual board meetings may be found online at https://cca.hawaii.gov/pvl/files/2020/08/State-of-Hawaii-Virtual-Board-Attendee-Instructions.pdf .

IN-PERSON ACCESS
There will also be one meeting location, open to the public, which will have an audio-visual connection. That meeting will be held at:

State of Hawaii, Leiopapa A Kamehameha
State Office Tower Building
235 S. Beretania St, Room 204
Honolulu, HI 96813

For ICT, telephone, and in-person access, when testifying, you will be asked to identify yourself and the organization, if any, that you represent. Each testifier will be limited to two minutes of testimony per agenda item.

LOSS OF CONNECTIVITY
In the event of a loss of ICT connectivity, the meeting will be recessed for a period not to exceed thirty minutes to restore connectivity with all board members and the public in-person access location noted above. In the event that audio connectivity is re-established within thirty minutes without video connectivity, interested participants can access the meeting via the telephone number and Meeting ID number noted above.

In the further event that connectivity is unable to be restored within thirty minutes, the meeting will be automatically continued to a date and time to be posted on the ADC website at https://dbedt.hawaii.gov/adc/ no later than close of business the next business day. New ICT, telephone, and in-person access information will be posted on the website no less than twenty-four hours prior to the continued meeting date. Alternatively, if a decision is made to terminate the meeting, the termination will be posted on the ADC website.

SPECIAL ASSISTANCE
If you require special assistance, accommodations, modifications, auxiliary aids, or services to participate in the public hearing process please contact staff at (808) 586-0186 preferably at least three business days prior to the meeting so arrangements can be made. To request translation or interpretation services please contact staff at (808) 586-0186 or email: dbedt.adc@hawaii.gov. Please allow sufficient time for the ADC to meet translation or interpretation services requests.

NOTE: MATERIALS FOR THIS AGENDA WILL BE AVAILABLE FOR REVIEW IN THE ADC OFFICE, 235 SOUTH BERETANIA STREET, SUITE 205, HONOLULU, HAWAII 96813 ON AND AFTER AUGUST 11, 2023.

Agribusiness Development Corporation Non-Discrimination Statement

The Agribusiness Development Corporation does not discriminate on the basis of race, color, sex, national origin, age, or disability, or any other class as protected under applicable federal or state law, in administration of its programs, or activities, and the Agribusiness Development Corporation does not intimidate or retaliate against any individual or group because they have exercised their rights to participate in actions protected by, or oppose action prohibited by, 40 C.F.R. Parts 5 and 7, or for the purpose of interfering with such rights.

If you have any questions about this notice or any of the Agribusiness Development Corporation's non-discrimination programs, policies, or procedures, you may contact:

Mark Takemoto
Acting Title VI Non-Discrimination Coordinator
235 S. Beretania St., Ste 205
Honolulu, HI 96813
(808) 586-0186
dbedt.adc.titlevi@hawaii.gov

AGENDA

A. Call to Order

B. Roll Call

C. Approval of Minutes

1. Board Meeting Minutes, July 20, 2023

2. Executive Session Minutes, July 20, 2023

D. New Business

1. Presentation by William DeCosta, Councilmember, County of Kauai, regarding a ranching proposal for ADC's mauka lands in Kekaha, and follow-up discussion, TMK (4) 1-2-002:001

2. Presentation by Mary Alice Evans, Interim Director of the Hawaii Office of Planning and Sustainable Development providing a brief progress update on the ADC Agribusiness Plan

3. Request for approval to enter into a Water Facility Agreement with Dole Food Company, Inc. to access water resources at TMK (1) 6-4-004:007 benefiting ADC parcels at TMK (1) 6-4-004:008, :006

E. Old Business

1. Update regarding ADC-owned buildings in Whitmore Village, Oahu, Hawaii, TMK (1) 7-1-002:004; :009

2. Update on the progress of the Executive Director search

F. Acting Executive Director's Report

G. Adjourn

The Board may go into executive session on any agenda item pursuant to the exceptions provided under section §92-5, Hawaii Revised Statutes.

AGRIBUSINESS DEVELOPMENT CORPORATION
Minutes of the Board of Directors Meeting held Virtually on July 20, 2023
Via Zoom Teleconference and/or In-Person at 235 S. Beretania St., Suite 204, Honolulu, HI 96813

Pursuant to section 92-3.7, Hawaii Revised Statutes (HRS), this meeting was held remotely with Board members, Staff, Applicants, and the Public participating via Zoom meeting venue, and an In-Person meeting location available for public participation at the State of Hawaii, Leiopapa A Kamehameha, State Office Tower Building, 235 S. Beretania St., Suite 204, Honolulu, HI 96813.

Members Present, virtually:

Warren Watanabe, Member-At-Large (Chair)
Glenn Hong, Member-At-Large (Mr. Hong)
Jason Okuhama, Member-At-Large (Mr. Okuhama)
Karen Seddon, Member-At-Large (Ms. Seddon)
Lyle Tabata, Kauai County Member, Vice-Chair (Mr. Tabata)
Jayson Watts, Maui County Member (Mr. Watts)
Dane Wicker, DBEDT Designated Representative for Ex-Officio Member James Tokioka (Mr. Wicker)
Sharon Hurd, HBOA, Ex-Officio Member (Ms. Hurd)

Members Excused:

Kaleo Manuel, DLNR Designated Representative for Ex-Officio Member Dawn Chang

Counsel Present, virtually:

Delanie Prescott-Tate, Deputy Attorney General (Ms. Prescott-Tate)

Staff Present, virtually:

Mark Takemoto, Acting Executive Director (Mr. Takemoto)
Ken Nakamoto, Project Manager (Mr. Nakamoto)
Lyle Roe, Property Manager (Mr. Roe)

Guests Present, virtually:

ADC Guest
ffuchigami
lm
18082272350
Beth Amano, KIUC
Korynn Grenert
Mark Ladao
Thomas Heaton
Trisha Yamato
Linda
Scott Enright

Guests Present, physical location: None.

A. Call to Order

Chair called the hybrid meeting to order at 9:05 a.m.

B. Roll Call

Chair conducted a roll call of the Board. Chair called the name of each board member and asked them to identify their presence with a "here" or "present" and to state who if anyone was present in the room with them. Chair stated that the roll call served as a roll call vote, and for each subsequent vote, the Chair would ask if there were any objections. If there were no objections the motion will be approved on the same basis as the roll call.

Roll call: Ms. Hurd, Mr. Okuhama, Ms. Seddon, Mr. Tabata, and Mr. Wicker acknowledged attendance with no guests present. Mr. Hong and Mr. Watts stated they were together at the same location with no guests present.

C. Approval of Minutes

1. Board Meeting Minutes, June 15, 2023

Chair asked for a motion to approve the June 15, 2023 meeting minutes.

Motion to Approve: Mr. Watts; Second: Mr. Hong.

Chair asked if there was anything from the staff. There was none.

Chair asked if anyone from the public wished to give testimony. There was none.

Chair asked for board discussion. There was none.

Chair called for the vote. Hearing no objections the motion was approved: 8-0.

D. New Business

1. Request for approval to amend License Agreement No. LI-KA-21-03 issued to Hawaii Golden Farm Inc. to re-characterize portions of Unit A-1 in Kalepa, Kauai, Hawaii, TMK (4) 3-9-002:001 (por.)

Chair asked for a motion to approve: Mr. Wicker; Second: Mr. Tabata.

Chair asked for staff presentation.

Mr. Roe said the history of this license was documented in the submittal background. Mr. Roe and Mr. Takemoto met with the licensee yesterday who confirmed that she was agreeable to the re-characterization being made by the board today. In short, Hawaii Golden Farm requests that 15 total acres be characterized and billed at the orchard rate, 20 acres be characterized and billed at the non-tillable rate due to slope and rocky terrain; that 9 acres be characterized and billed at the non-tillable rate as it's part of the ditch system; and 1.7 acres of primary access road on the perimeter of the premises be excluded from the license to preserve access to other units and some critical infrastructure. While the process of getting this unit under license was at times a little frustrating, Hawaii Golden Farms is a reputable GAP certified grower, providing produce in Hawaii and for export markets.

Chair asked if anyone from the public wished to give testimony. There was none.

Chair asked if there was any Board discussion.

Mr. Wicker asked how long this license agreement was.

Mr. Roe said this amends the existing license agreement which is a 35-year license. It really just adds the unit A-2 into unit A and then combines them into one contiguous unit, A-1.

Mr. Wicker said it looks like the re-characterization was changing the type of farm uses, to include orchards. What type of activity are they doing now or is this a shift in direction.

Mr. Roe responded it's not really a shift. The orchards may be a little bit of a shift. They're talking about fruit crops and ornamentals, but the remainder of the tillable acres are reserved for sweet potato and ginger.

Mr. Hong asked how many acres are in the tillable non-orchard.

Mr. Roe responded, 185.3 acres.

Mr. Hong asked what is the change in the annual revenues with the re-designation of these acres?

Mr. Roe responded, based on the last amendment, as of November 22, 2022, the annual rental income for the combined unit was $44,500. This request decreases the annual rental income to $40,455; roughly about $4,000.00.

Chair asked if there were any other questions. There were none.

Chair called for the vote. Hearing no objection the motion was approved: 8-0.

2. Request for approval for Helemano Farms, LLC under License Agreement No. LI-WM1504 to construct improvements in Whitmore Village, Oahu, Hawaii, TMK (1) 7-1-002:004 (por.)

Chair asked for a motion to approve: Mr. Tabata; Second: Mr. Watts.

Chair asked for staff presentation.

Mr. Roe stated that Helemano Farms is a farm in good standing in Whitmore Village. They grow Christmas trees for sale, seasonal. As the letter in the back of the submittal, Exhibit B notes, over the past 3 years they've experienced a rash of theft, vandalism, trespassing etc. and they request board approval to construct a non-residential structure for security staff to monitor the premises. They have been made aware that residential activity on the property is strictly prohibited.

Chair asked if anyone from the public wished to give testimony. There was none.

Chair asked if there was any Board discussion.

Mr. Wicker asked if the dimensions or a rendering of this security building will be provided.

Mr. Roes responded they don't have one yet but one of the recommendations would be, if the board approved the request, they submit the new building construction plans for ADC approval before construction begins.

Mr. Wicker asked if there was an existing building on-site now right?

Mr. Roe said there is.

Chair asked if there were any other questions. There were none.

Chair called for the vote. Hearing no objection the motion was approved: 8-0.

E. Old Business

1. Update regarding ADC-owned buildings in Whitmore Village, Oahu, Hawaii, TMK (1) 7-1-002:004, 009.

Chair called on Mr. Nakamoto to provide an update.

Mr. Nakamoto said they completed a pre-demolition hazmat survey of all of the remaining buildings and they're still awaiting the results. They need to see the report before they can make a determination. The report should have been provided this week; he's hoping to have the results for the next meeting.

Chair asked if there were any questions. There were none.

Chair said this was just an informational update so there is no need for a motion or vote.

2. Presentation by the Executive Director Search Committee regarding their findings and recommendations.

Chair called on the committee for their findings and recommendations.

Mr. Watts asked if they were going to discuss this now. He wanted to make sure what is public and what is not public as far as the findings.

Ms. Prescott-Tate stated that the public findings were provided in the submittal. Mr. Watts could read that or if people have already read it then they can just go into executive session.

Mr. Watts said he will defer to the submission in writing.

Ms. Prescott-Tate said ok, all the public information is available in the submittal if anybody wants to read it. Then we can go into executive session.

Chair stated HRS section 92-4 allows the board to hold an executive meeting closed to the public. The board will be further discussing Old Business Item 2, which is the presentation by the executive director's search committee established to review applications, conduct interviews and recommend the top 2 or 3 applicants for further review and action by the full board. This

presentation may be closed to the public pursuant to HRS section 92-5(a)(2) to allow discussion of a hiring decision where consideration of matters affecting privacy will be involved.

Chair asked if there was any public testimony before they go into executive session and advised that testimony was limited to the decision to go into executive session. There was none.

Chair asked for a motion to go into executive session. Motion: Mr. Hong.

Mr. Tabata asked if he could ask a question.

Chair told Mr. Tabata to go ahead.

Mr. Tabata asked if they could get the Executive Director's update first, before they go into executive session, and asked Ms. Prescott-Tate if that was appropriate.

Ms. Prescott-Tate said it's up to the board; they could motion to take it out of order.

Mr. Tabata made the motion to take the acting executive director's update out of order, prior to going into executive session.

Mr. Hong withdrew his motion to go into executive session.

Motion to take Agenda Item F out of order by Mr. Tabata; Second: Mr. Watts.

Chair called for the vote. Hearing no objections the motion was approved: 8-0.

F. Acting Executive Director's Report.

Mr. Takemoto stated that a copy of his report was provided with the submittals. He wanted to talk about the budget first. For fiscal year 2024 the budgeted projects are:

ADC received $10MM to do a food product innovation network in all counties. The funds are mainly for planning. So far, we've met with some consultants and reached out to Hawaii, Maui, Kauai, and Honolulu counties to start coordinating the project and get the funds encumbered before the end of the fiscal year. This project is similar to what's being done in Wahiawa to provide agricultural producer's with an opportunity to expand their market and make use of a greater amount of what's grown.

ADC received $2MM to complete the plans for the Wahiawa Wastewater pipeline. The governor cut the funds for construction but provided funding to complete the design work. At that time, we should know what the actual project cost may be. Mr. Tabata asked if the money goes to the City [City and County of Honolulu] (City), because the City Environmental Services, Wastewater Branch would be in charge of this design. Mr. Takemoto responded, no, this money is for design of the pipeline connection point. The City did receive funding to do the work that is on their property and the City was actually working on that. Mr. Tabata continued that he thought the City was responsible all the way to the end because they're also responsible for the backup system for disposal in case they don't meet the R-1 standards. Mr. Takemoto said that's correct. The City is building the backup system on City property. ADC is building a connecting point to deliver water to the rest of the system. The design consultant has completed the design and can prepare an update for the board. Mr. Tabata said to keep in mind

there's supposed to be a diversion system designed into this water transfer in case they don't meet the R-1 standard, and asked what method will be used to determine if the City is not meeting the standard? Mr. Takemoto stated that was a good point and he'll ask the consultant to include that in the update to the board, which he believed will be planned for August. Mr. Hong asked who the consultant was and have they been working on the project from the beginning. Mr. Takemoto responded the consultant was Brown and Caldwell and he believed they have been working on the project since the beginning.

ADC received $3MM in fiscal year 2024 for the property that the board approved for ADC to start due diligence on the purchase from Dole. This is a 49, 50-acre parcel that ADC basically owns the surrounding 3-sides of the property. The property was approved for purchase a number of years ago but during due diligence ADC found there was a question on the title. Dole has since attempted to clear the title question and now ADC is looking to do the due diligence to complete the purchase.

ADC received $1.1MM CIP [capital improvement project] funds for the Aahoaka reservoir improvements. This is on Kauai to complete the work on that reservoir. ADC is going to transfer the funds to DAGS [Department of Accounting and General Services] since DAGS has been working on this since the beginning. Mr. Tabata said he was working on this project with Mr. Nakatani since 2010 when he became Public Works Director on Kauai. He would appreciate an update of where the plan is now. There were ongoing costs associated with the reservoir and the pipeline to get to the ADC lands. Mr. Tabata asked if staff could get him an update on what this all entails, the entire project. Mr. Takemoto said staff will put something together and send it to the board.

ADC received $4MM CIP for slaughterhouse design and construction. ADC will be looking at a small animal slaughterhouse on Oahu. There is a slaughterhouse for larger animals but it's difficult for them to set up and reset for smaller animals. Right now this is a market that could be restarted on Oahu. ADC is looking for a location. A meeting is scheduled with Department of Agriculture (HDOA) and DLNR [Department of Land and Natural Resources] and some of the stakeholders to resolve the land issue and then they'll be moving forward on doing design work and construction.

Mr. Takemoto went on to item number 2. As you are aware, ADC purchased Yardi property management software. ADC actually sent out some of the invoices from that system. Approximately 90% of the land licenses and agreements are in there. Staff is working on the water system to get them in there and that ties into the next item. An accounting consultant has been hired and will be part of implementing this Yardi system; so it's tying in very nicely there. It's not fully operational but it's getting there. Mr. Hong asked when they will be 100% on the Yardi system. Mr. Takemoto responded he thinks once they input all the Waiahole/Waikane clients, and they complete confirming some of the important facts on a few tenants, they should be done by the end of the month. Once they have everything entered we'll start rolling it out, working with the consultants and DBEDT finance. We've already started; sent a few invoices. He expects to be operational by the end of August, and we'll keep improving on it. We'll be tying it into some of the mapping systems. The maps will eventually be added to the website.

Mr. Watts asked if the property management system and the accounting consultant, will address all of the previous accounting concerns identified in the audit?

Mr. Takemoto replied yes. The scope of work that we did for the accounting consultant was based off recommendations from the 2021 financial audit. The accounting consultant is aware of that scope of work, and he said it's going to take some time to go through this. They're in the discovery phase now, going from task to task. So yes, it should address all of the questions or recommendations raised by the financial audit.

Mr. Watts said he had a couple of personal concerns and was glad to see them addressed. One was to give the public the ability to move through the website and these sites on their own and look into whatever they want to look into; so if that's what it can do then that's wonderful.

Mr. Takemoto moved on to the Wahiawa irrigation system. That's the project about the state acquiring the Wahiawa reservoir, dam and irrigation ditch system. ADC's consultant is starting on that now. ADC's portion that we'll be working on is primarily due diligence on some of the properties and of course the ditch system. That's just beginning and the timeline for the state is for the due diligence to be completed and make a decision one way or the other on that acquisition by 2026.

Mr. Takemoto continued, real quick just an update on vacant positions. We have interviews scheduled for the Accountant V, and we're just waiting for approval of the interview panel. One of the tasks assigned to the Accountant V, will be to hire the Accountant IV. So the Accountant V will hire their staff. The accountants will be helping with Yardi and with the accounting consultants. We hope to fill those two positions soon. The asset manager, we've received and reviewed some applications and are waiting for approval from the Governor to go ahead and make offers so hopefully we're very close on filling that job. We received approval to redescribe the administrative services officer position to a contract administrator and this will help them a lot on the procurement contracting and help support the project management as well as the other functions in the office. The position he left off the list was the secretary. We have a plan for an 89-day hire. The position has been posted for a while and we haven't had a lot of applications.

Mr. Watts asked Mr. Takemoto, about the projects he had talked about, if he could provide the board with a list of those that still need to be encumbered; a timeline working backwards so they don't miss any critical deadlines on where they are; what they're working on; what's been assigned; what's been included in the governor's budget; what's been approved/not approved. Could you give us an idea of where things are?

Mr. Takemoto responded, sure. Starting with the $10MM food and product innovation network, funds must be encumbered by June 30, 2024. The way they're doing this right now is we're in the process of getting the appropriation codes so we can start requesting funding. That's the first step we're in right now with budget and appropriation guidelines; the rules on how you spend the money. We're making requests to have the codes set up. Once we get that we can request funding then we start contracting with some of the consultants. We create a scope of work. The scope of work and delivery have to be completed by January/February 2024. Then they take the scope of work and go out and start hiring more consultants to develop construction drawings. They need to be done so that can be posted, and those contracts can be awarded before the end of the fiscal year. That's the timeline for that project. We can start some contractor selection. We normally get help from HDOA. DLNR. Many times, they loan engineers to get things teed up and ready to submit, go out for selection, then people can start bidding. We need to get that scope of work done by early 2024 to hit that deadline. We've already reached out to all the area stakeholders, Hawaii Island, Maui, Molokai, Kauai and Oahu so we can start identifying some projects to start, not too broad in the beginning, so we can narrow it down and encumber that money.

For the $2MM, we're completing the plans and don't think we'll have a problem once the money is released. It will go out to bid. The drawing, the design work is already done. There are different portions of the project, one is the long pipeline, one is the inter-connecting pipelines between reservoir, and one is the lake irrigation pump system, to pump water out of the lake. Because once you remove the wastewater from the lake, you change that water, it's no longer R-1; it becomes non-spec water. Then you can start pumping from the lake directly and that's the irrigation water. You can use the water to its fullest value as non-spec water.

Mr. Watts asked who's pumping water into Lake Wilson.

Mr. Takemoto responded right now City and County of Honolulu. About 1.6 million gallons goes in every day, that's the estimate. That's one project we shouldn't have a problem encumbering the funds.

Ms. Hurd said as she understands it, isn't the wastewater that's being pumped into the area R-1?

Mr. Takemoto said yes, over the years, they've been steadily improving the discharge so it's R-1 now.

Mr. Takemoto continued, the $3MM for the purchase of the Dole property, we would have to make a decision, contract, and encumber by June 30, 2024, which should be no problem. We expect to make a decision on this much sooner than that.

The $1.1MM for the Aahoaka reservoir improvements, this is an ongoing project. We're going to transfer the funds to DAGs because they're the ones who are actually managing the project. Once we get the warrant codes we'll transfer the funds.

Mr. Watts asked where the water from the Aahoaka reservoir is going

Mr. Takemoto said Aahoaka feeds some of the ADC property. It was part of the East Kauai irrigation system and there are several other reservoirs tied to that. The Aahoaka is one of them. It's not very big but it's considered high risk because it's up slope from a residential area and that's why improvements are being made. That reservoir doesn't have the kind of inlet that you would typically have, so as long as you manage it properly it should be fine. There's no river flowing into it so if it rains heavily there would be no great increase of water intake. Basically, you close the gate, and nothing more goes into it.

The $4MM CIP slaughterhouse, that one is 2026. Because that money was funded in the first year of the biennium, CIP funds have 3-years, so technically they have to encumber by 2026. So the goal right now is get the land. They'll want to transfer some of the funds by 2025 to start the design work and then complete construction. So it's find the location, start the design work, complete the design work, go out to bid for construction, and we have till 2026 to do that. We can certainly continue to provide updates on these projects to the Board.

Ms. Hurd asked, regarding the slaughter house, we have until the end of fiscal year 2026 to encumber the funds but are any of the funds available now?

Mr. Takemoto responded no. The funds were actually given in 2025 but we need to do something now so they're requesting through Budget and Finance and then to Governor to give them some of the money earlier and we're waiting to hear back. There's going to be a lot of back and forth on that before we can do that, but we'd like to start some of the design work now.

Ms. Hurd asked, but you can't do that until you move some the funds from 2025 to 2024 right?

Mr. Takemoto said correct.

Mr. Okuhama asked regarding the voyager [Yardi] software system. He knows that the accountant just started but do we have a target date when financial reports will be coming out? Or at least set some goals on that.

Mr. Takemoto said, that's a good point. He doesn't have that right now but we're just trying to get it set up for the very basic functions, but once that's all in, he's guessing it could generate a report immediately. There wouldn't be much to report because it will just have information from the present and going forward. As time goes by and the accountant gets on board, we can start inputting the historical data, going back at least to 2019. That is what we're trying to do. Then we'll be able to start generating some historical information too.

Mr. Okuhama said having the reports going forward at least it's a start and then going forward when you look at what they have on hand, at least it's a good start.

Mr. Takemoto said that was a goal we really want to do. The plan is to produce a financial report for every board meeting, once we get it running and with help from the accounting consultant and the accountant. We tried generating a report but, not being an accountant, we didn't know if the report was accurate, or error filled so we want to wait until the accountants are on board. We do try to work with DBEDT fiscal, but they have a lot of work too. We believe we'll be able to provide the report once we get the system, the consultant, and the accountant in place. Then a monthly report will be provided.

Chair asked if there were any more questions. There was none.

Recalling Old Business Agenda Item E-2, regarding the presentation by the executive director search committee regarding their findings and recommendations:

Chair asked for a motion to go into executive session: Mr. Hong; Second: Ms. Hurd.

Chair asked if there was any presentation by staff. There was none.

Chair asked if anyone from the public wished to give testimony on the subject of entering into executive session. There was none.

Chair asked if there was any Board discussion. There was none.

Chair called for the vote. Hearing no objection the motion was approved: 8-0.

Mr. Roe reminded the Board members to mute or log out of the regular session before going into executive session.

The regular meeting recessed at 9:50 A.M.

The regular meeting reconvened at 10:23 A.M.

Chair stated pursuant to Act 19 of the 2023 legislative session, the Board will take the following actions based upon discussions by the full board in executive session. The motion to adopt the executive director's search committee recommendation will be heard at the board meeting to be held on Thursday,

August 3, 2023 at 9:00 a.m. The executive director's search committee recommendations were to hold an in-person meeting of the board of directors on August 3, 2023, provided that the top two applicants are available. The board of directors will conduct in-person interviews of the applicants in executive session on August 3, 2023. Following the in-person interviews in executive session on Thursday, August 3, 2023, the board of directors will decide on the executive director's salary and in executive session on Thursday, August 3, 2023, the board of directors will select the person to be offered the executive director position and salary amount. If the two applicants are unavailable on August 3, 2023, the August 3, 2023 meeting will be cancelled. A mutually agreeable date will be selected, and the new date posted on the ADC website and State calendar. This completes the work of the executive directors search committee, which will now be dissolved. Chair thanked the committee for working so quickly and diligently to fill the executive director position.

Ms. Prescott-Tate stated the vote to accept the executive director search committee recommendations will be held at the August 3rd meeting, so the public is invited to give any input that they wish. She will contact the applicants and make sure that they're available for a second interview on August 3rd at 9:00 a.m. If the candidates are not available then we'll reschedule to a date when everybody can be there. The interviews will be conducted at an in-person session of the Board. That means bringing all the outer island members to Oahu for the meeting.

G. Adjourn

Seeing there was no other business before the Board, Chair asked for a motion to adjourn: Mr. Wicker; Second: Mr. Tabata.

Chair called for the vote. Hearing no objections the motion was approved: 8-0.

The meeting adjourned at 10:27 a.m.

Date of Next Meeting: Next meeting tentatively scheduled for August 3, 2023, at 9 A.M.

ITEM D-1

Community Grazing Project

Goals and Objectives

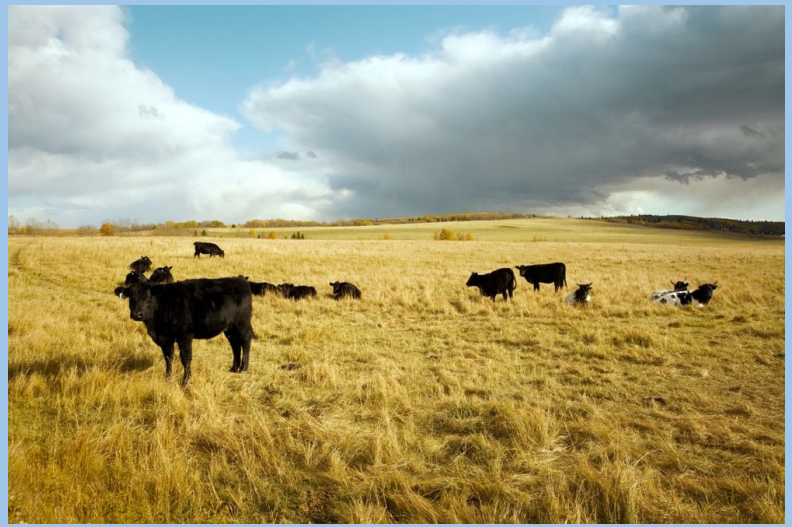
1. Control tall fire hazard grasses with managed livestock grazing.
2. Create fire breaks between each area so firefighters have safer areas to retreat to in case the winds change the direct of fires.
3. Create a sense of community food security through livestock grazing.
    a. Community members will have more opportunity for food security and sustainability in an attempt to create community resilience.
4. Control the amount of silt run off to the lower lands and ditches.
5. Create a community educational area for schools to visit as a field trip.

Project Explanation

Areas this project will address and promote future partnerships to enhance our Community:

1. Tall grasses that are a fire hazard will be maintained at 12-18 inches.
2. Cattle and sheep will have a environmentally friendly “animal to acre” ratio set by the Natural Resources Conservation Service (NRCS) and Dr. Mark Harthone - University of Hawaii Grazing Specialist.
3. Community Ranchers will work together to maintain these grazing lands.
4. Livestock will be owned by the community.
5. Maintained grasses will provide for a better silt run off into *makai* planes.
6. Livestock will provide a sense of community food security.
7. Wildlife will tend to flock to these grazing areas with the domestic animals.
8. Department of Land & Natural Resources hunting will thrive now that grass heights are not 6-7 ft tall.

1. Type of livestock
    - e.g. cattle, sheep, goats
2. Number of livestock
    - stocking density – head per acre
3. Duration of grazing
    - stocking rate – head per acre per year
4. Seasonal timing of grazing
    - e.g., summer
5. Frequency of grazing
    - e.g., 1x, 2x per year
6. Spatial distribution of grazing
    - e.g., fences, water



Well-managed grasslands decreases the amount of fuel that is available to ignite from a spot fire, and the threat of spread is significantly reduced, therefore, making it less of a fire hazard

Bird hunting on cattle & sheep ranch

Benefits of Having Domestic Livestock in Areas Where There is Wildlife

1. Wild animals including pigs, goats, deer, and wild cattle feel safer when they are living in the same area as domestic animals. This will help wild animals making their way down to the Mana Plains and causing damage.

2. The grass heights will be shorter to provide a higher hunting yield, in which bird hunting success rates will rise.

3. Other wild mammals to be successfully harvested will rise.

Wildlife Hanging with the Cattle and Sheep Ranch

Rain Run Off on Well-Maintained Grasses

Supreme Court delivers blow to key Biden environmental policy in unanimous ruling

foxnews.com

When grasses are at a manageable height, it is easier to control water runoff which diverts the dirt silt into low well-carpeted grass pastures. The other way with these tall 5 - 7 feet guinea grasses, the silt runs down under tunnel like trenches, which cause a lot of silt to run off into the ditches which causes it to clog.

Fire Mitigation on Short Grasslands

Testimony from Chief Gibson, Kauai Fire Department

Aloha ADC Board of Directors –

Thank you for supporting and championing Kaua'i Fire Department's (KFD) mission in reducing the risk of wildfires. For the past 2 years we have been researching, discussing, and learning of innovative opportunities to control the overgrowth of invasive and flammable vegetation such as "Guinea Grass". Grazing, particularly targeted by livestock such as goats, cattle, or sheep have proven to be an effective tool in reducing the risk of blazing or wildfires. As you very well know, the KFD's manpower and resources are severely limited in comparison to the size and diversity of our geographical landscape. The risk of a conflagratory wildfire / brush fire could compromise the safety of our firefighters and those living in our community. We have been receiving information and reports on the success of Grazing from many sources such as the Department of Forestry and the Hawaii Wildfire Management Organization.

I am grateful for your willingness to pursue this opportunity and the KFD is looking forward to collaborating with you and others to make our community safer for everyone.

Very respectfully,

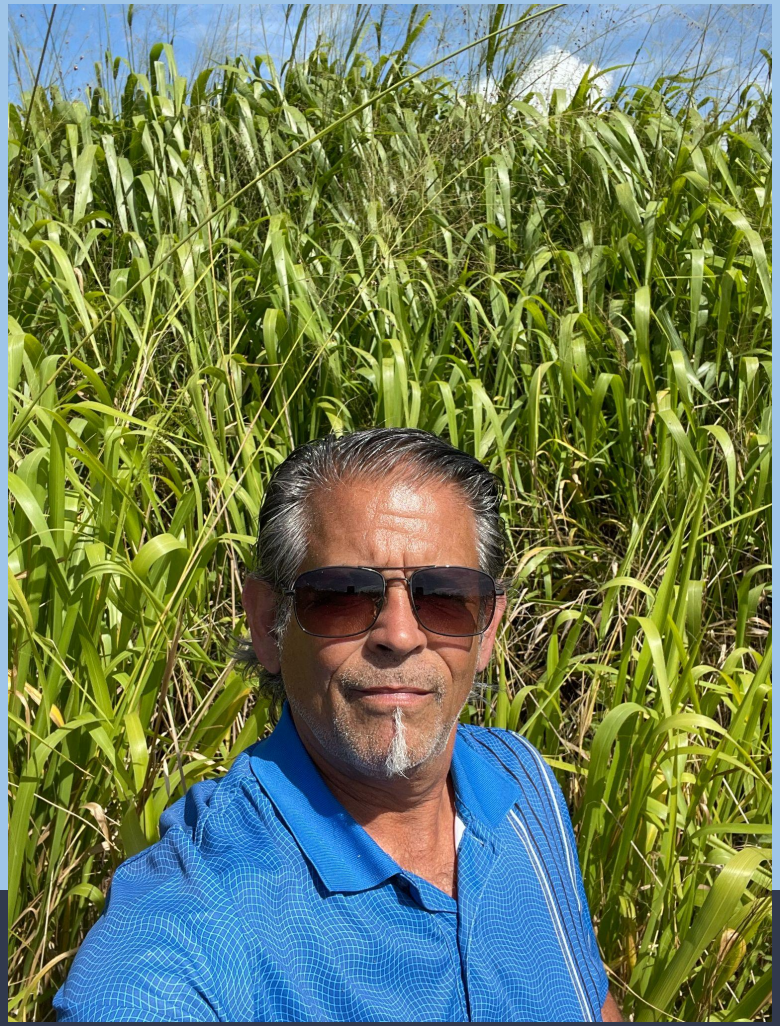
Michael R Gibson

Fire Chief – County of Kaua'i

1. It is safer for firefighters to combat a wild grass fire when the grasses are at a shorter height, or about 8 - 18 inches.

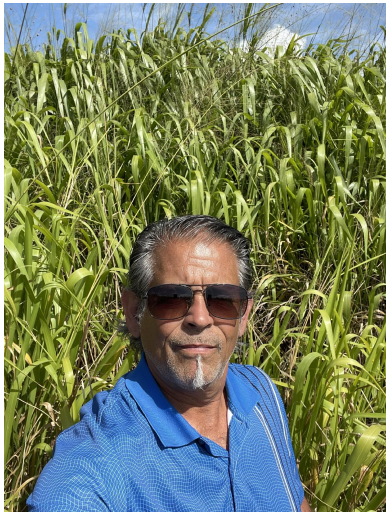
2. Especially during the summer dry months when these grasses dried up and become a matchbox waiting to ignite.

3. The different cattle or sheep paddocks will provide a natural fire break between the valleys so the forest fire does not jump from one area to another.



This is what a wildfire looks like with tall 5 - 7 feet guinea grasses, burning out of control

Video of Dry Guinea Grass



Guinea grass 8-10 feet tall during the growing season

Guinea grass during the dry season

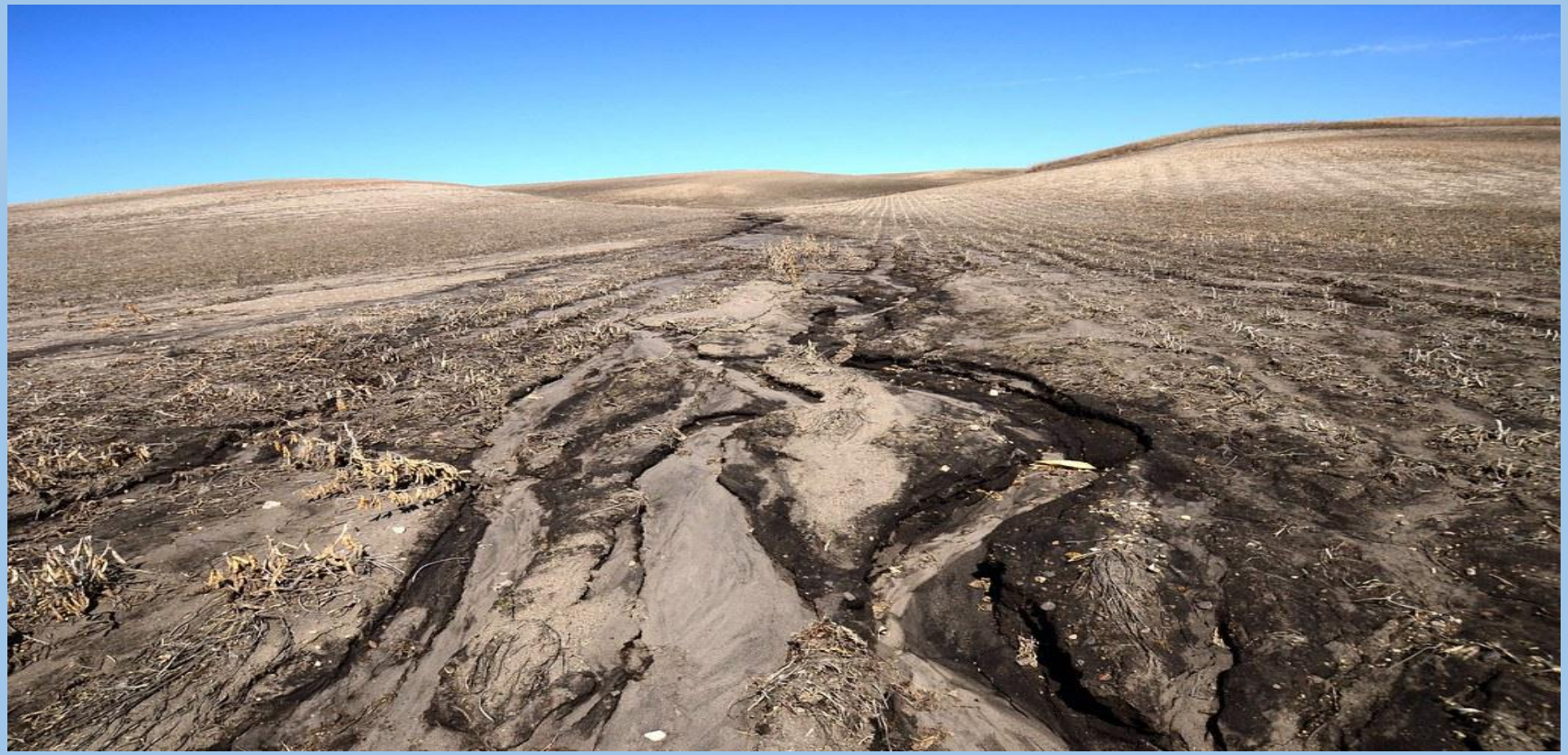
Previous year's growth accumulates as dry dead litter on the soil below – the gray coloration is indicative of oxidation and the loss of Carbon to the atmosphere

College of Tropical Agriculture
and Human Resources
University of Hawai'i at Mānoa

Plowed lands are a silt blanket run off waiting to happen

Video of What Causes Water Run Off

After a large rainstorm and the runoff effects



Effects after a large rain storm with well-managed pastures

Keala Foundation nonprofit will run the program,

which will focus on providing at-risk kids an opportunity to learn and grow in a healthy environment.

School children enjoying their ranch field trip Animal Husbantry

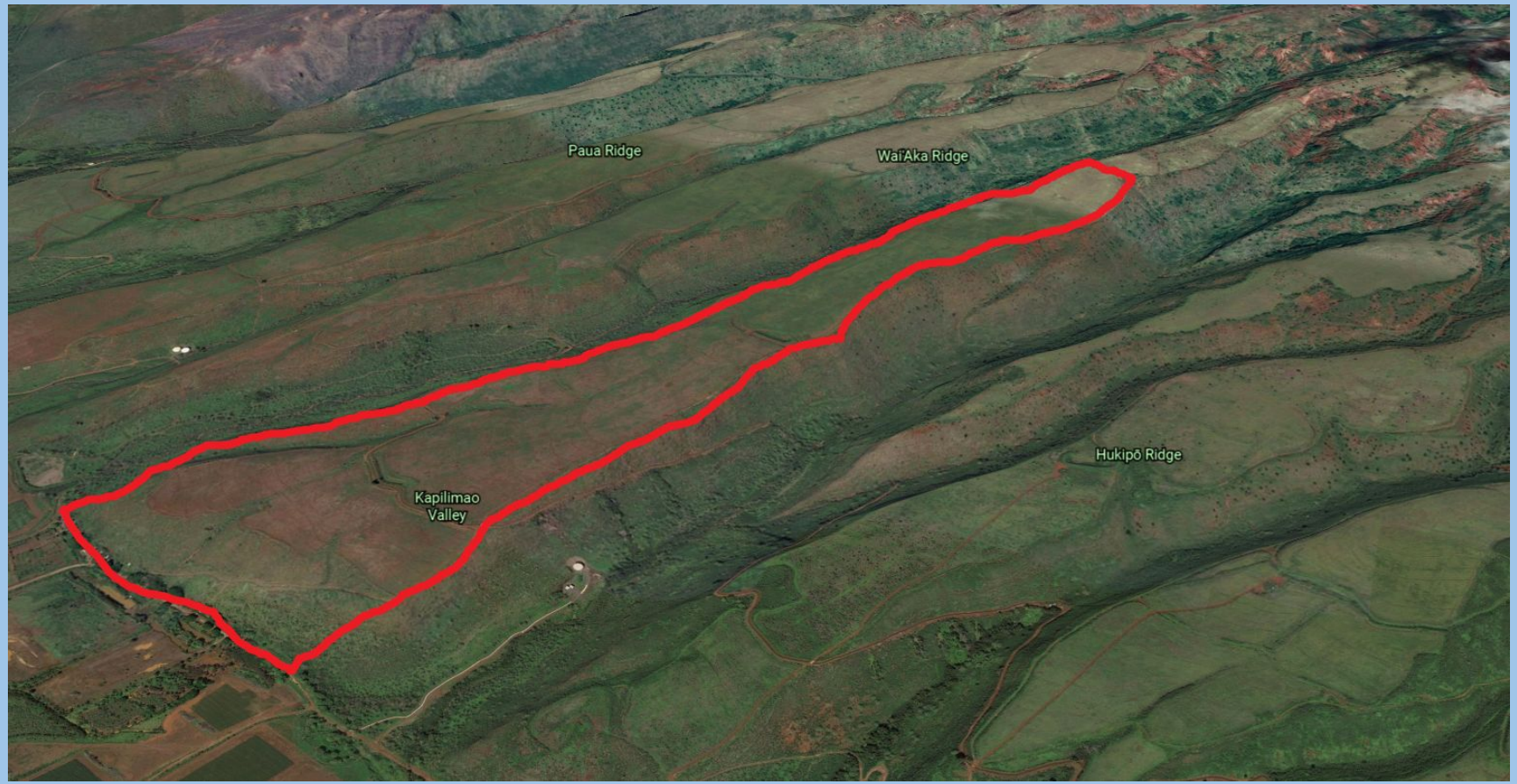
Children working the ranch

Sources of Revenue

- Source of immediate revenue would come from Frank VanderSloot
- Spring and winter, pay-to-graze every month per head to graze, when grass dry, will move back to the east side
- Ranch will raise cattle and sheep, which can be sold to local families and/or markets to provide a deeper sense of food security.
- Also, anytime community nonprofits needs (sheep or cattle) hamburger, Keala Foundation would make a donation.

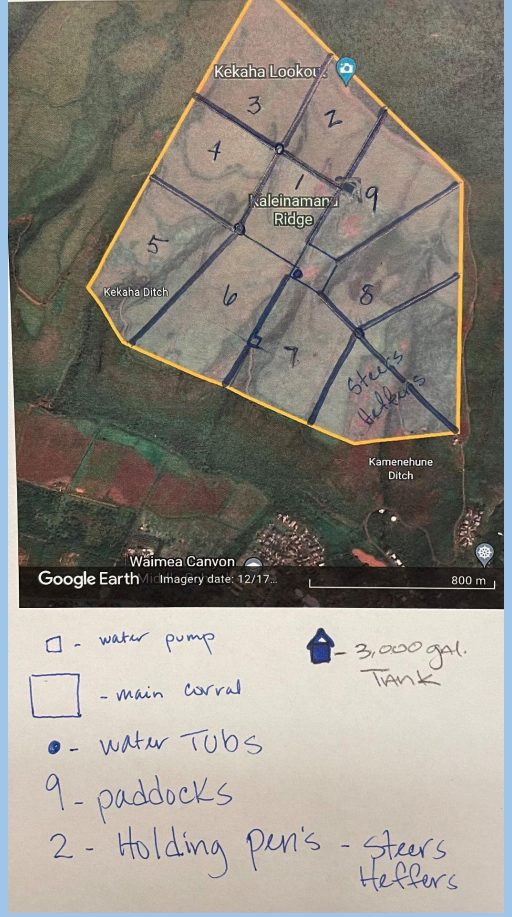
Native Owl (Pueo) Improving Their Habitat

Food Sustainability and Community Resilience



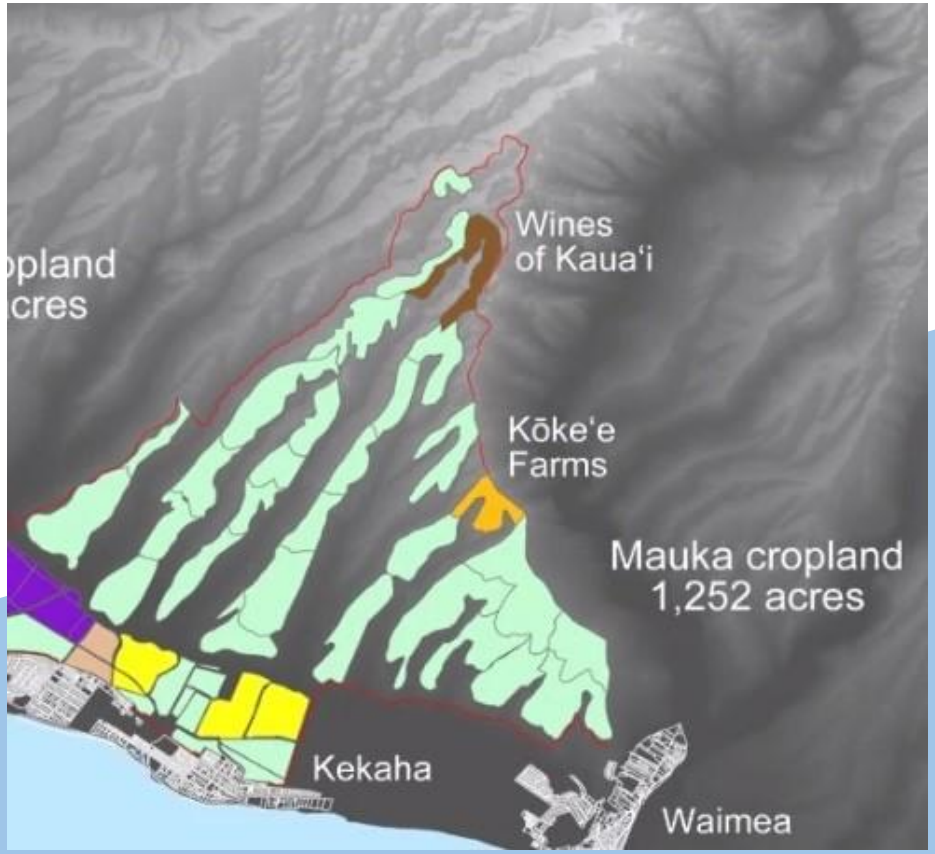
3 Pilot areas, Along Koke’e and Waimea Canyon and Waika Ridge above Kekaha Mill, Pilot area 3 (KIUC power poles)

Pilot area 2 would be the middle fire break



Pilot area one along the Waimea Canyon rim, which would be the best fire break into the Canyon

The chocolate and mustard colored are the only areas currently being used



JOSH GREEN, M.D.
Governor

SYLVIA LUKE
Lt. Governor

MARK H. TAKEMOTO
Acting Executive Director

ITEM D-3

STATE OF HAWAII
AGRIBUSINESS DEVELOPMENT CORPORATION
235 S. Beretania Street, Room 205
Honolulu, HI 96813
Phone: (808) 586-0186 Fax: (808) 586-0189

August 17, 2023

Subject:	Request for approval to enter into a Water Facility Agreement with Dole Food Company, Inc. to access water resources at TMK (1) 6-4-002:007 benefitting ADC parcels TMK (1) 6-4-004:008, :006
Other Parties:	Dole Food Company, Inc.
Authority:	163D-4(a)(5), Hawaii Revised Statutes
Area:	Benefitted parcels comprise 234 gross acres
Field No(s).:	Parcels 8, 6
Tax Map Key:	Benefitted parcels: (1) 6-4-004:008, :006
Land Status:	Benefitted parcels were purchased in fee by the Agribusiness Development Corporation in 2017
Trust Land Status:	Section ___ lands of the Hawaii Admission Act Yes ___ No **X** DHHL 30% entitlement lands pursuant to the Hawaii State Constitution? Yes ___ No **X**
Zoning:	AG-1
Character of Use:	Agricultural
Land Doc. Type:	Agreement
Term:	TBD
Rate[1] [2]:	$0.80 per 1,000 gallons (pumped) $0.60 per 1,000 gallons (ditch)

BACKGROUND:

[1] These rates are subject to annual adjustment based on Producer Price Index as published by the United States Department of Labor, Bureau of Labor Statistics
[2] These rates will be a pass-through cost to the ADC tenant.

In February 2021, the Agribusiness Development Corporation (ADC) advertised a "Notice of Available Lands" for select Oahu agricultural lands and requested land applications from interested parties. Among those available lands were the subject properties, parcels 8 and 6 (Subject Parcels). At the September 2021 meeting of the ADC Board of Directors (Board), the Board approved the Tenant Review and Recommendation Committee's recommendation of Hawaii Sustainable Agricultural Products (HSAP) as a potential tenant for the Subject Parcels (see Exhibit "A"). Since then, HSAP has taken the time to conduct their own due diligence of the parcels and has developed an approved conservation plan.

At the time of the notice of available lands was published, it was noted that the Subject Parcels did not currently have access to water and that any approved tenant would be responsible to execute a Water Facility Agreement (WFA) with Dole Food Company, Inc. (Dole). However, Dole has since taken the position that it will only execute a WFA with the owner of the property, ADC.

REQUEST:
Staff requests that the Board authorize the Executive Director/Acting Executive Director to execute a Water Facility Agreement (WFA) (Exhibit B) between ADC and Dole Food Company, Inc. to provide water resources for the Subject Parcels.

WATER NEEDS AND SOURCE OF WATER:
ADC has not yet received HSPA's farm plan so a precise estimate of water use is not available. However, approximately 162 of the 234 gross acres are considered tillable which suggests a maximum irrigation draw of up to 486,000 gpd[3]. Staff notes, however, that not all tillable areas will be planted, and further, some areas may be dedicated to orchard crops which require substantially less water. Water will be sourced from Dole's adjacent Upper Helemano Reservoir[4] which is located approximately 200' from the northern boundary of the Subject Parcel (see Exhibit "A"). *Neither Dole nor ADC guarantees the availability of water.*

OPERATIONAL PLAN:
Once the WFA is executed and HSAP has executed a license, ADC would authorize HSAP to coordinate directly with Dole to schedule water delivery to their onsite water storage. ADC will install valves and meter at the connection point and HSAP will be responsible for all internal irrigation for the Subject Parcel from ADC's meter/valve connection.

CONSERVATION PLAN:
HSAP has developed an approved conservation plan.

DISCUSSION:
ADC initially anticipated that any approved licensee would be responsible for executing a WFA with Dole. However, Dole prefers that any agreement be executed with the land

[3] Based on 3,000 gpd for diversified agriculture
[4] Upper Helemano Reservoir is not a part of the Wahiawa Irrigation System

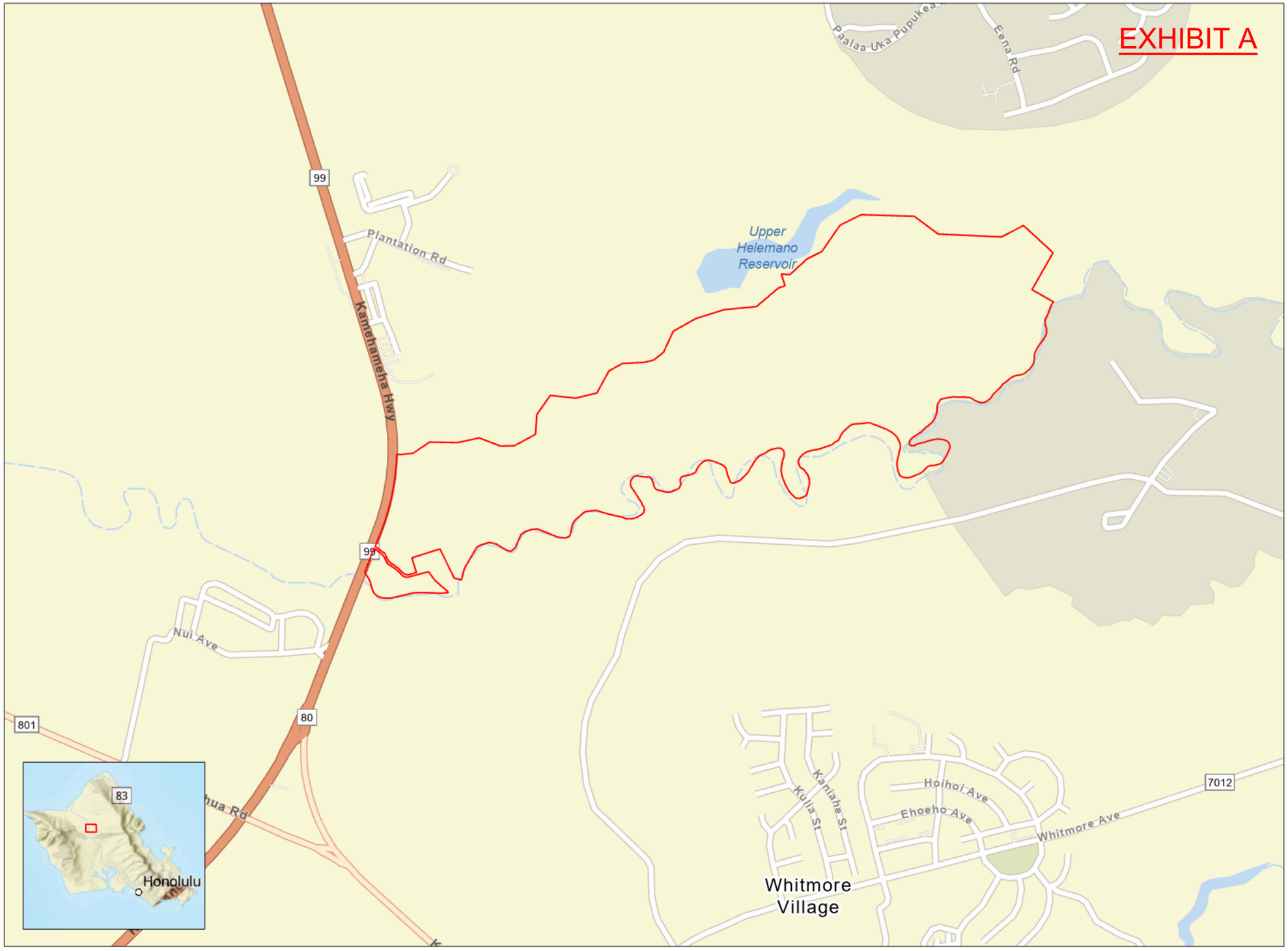
owner. The request is budget neutral as all WFA costs would be pass-through to the tenant.

RECOMMENDATION:
Based on the foregoing, staff recommends that the Board approve the Request noted above, subject to the following conditions:

1. Final WFA is subject to amended terms and conditions as may approved the Deputy Attorney General; and
2. ADC tenant shall be responsible for all costs associated with the WFA; and
3. ADC tenant shall be responsible to comply with all terms and conditions associated with the WFA.

Respectfully Submitted,

Mark H. Takemoto
Acting Executive Director



STATE OF HAWAI'I
AGRIBUSINESS
DEVELOPMENT CORPORATION

Subject Parcels

TMKs (1) 6-4-004:006, :008

N
W E
S

0.09 0.04 0 0.09 0.17 0.26 0.34
Miles

EXHIBIT B

Dole Food Company Hawaii
1116 Whitmore Avenue
Wahiawa, Hawaii 96786

Agribusiness Development Corporation
235 S. Beretania Street, Room 205
Honolulu, HI 96813

Re: WATER FACILITY AGREEMENT for TMK

This Water Facility Agreement (the "Agreement"), dated as of _____, 2023, (the "Effective Date") is with reference to your request to use certain facilities of Dole Food Company Hawaii, a division of Dole Food Company, Inc. ("Dole"), to withdraw water for use on property described on Exhibit A attached hereto (the "Property"). The **AGRIBUSINESS DEVELOPMENT CORPORATION**, will herein be referred to as "User". We have set forth below the terms and conditions under which Dole is willing to permit the User to use such facilities.

1. Dole is willing to allow User to draw water excess to Dole's requirements for the purpose set forth in this Agreement at the present time, but does not intend to become obligated to provide water to User in a minimum or unlimited quantity, and does not intend to dedicate its facilities to public use or to become a public utility.

2. Provided such facilities are in operation, the User shall have a non-exclusive right, only on an "as-available" basis, to use the facilities of Dole, including all water transmission ditches and pipelines, that serve the Property, such facilities of Dole hereinafter referred to as the "Waterline Facilities".

3. DOLE MAKES NO WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE WATERLINE FACILITIES, THE USE THEREOF BEING EXTENDED TO THE USER ON AN "AS IS" BASIS. USER IS AWARE THAT DOLE HAS OFFERED TO GIFT CERTAIN LANDS TO THE STATE OF HAWAII, INCLUDING WATER TRANSMISSION DITCHES, PIPELINES AND OTHER ELEMENTS OF THE WATERLINE FACILITIES AND THE WATER SYSTEM COMPRISING THE WAHIAWA RESERVOIR AND WATER SOURCED THEREFROM. DOLE MAKES NO WARRANTY OR GUARANTY AS TO WHETHER THE STATE OF HAWAII OR OTHER GOVERNMENT ENTITY MAY ACCEPT SUCH LANDS OR IF SO, WHETHER THE STATE OR SUCH ENTITY MAY MAKE WATER AVAILABLE TO USER OR ANY OTHER PARTY.

4. NO GUARANTY, WARRANTY OR REPRESENTATION IS MADE BY DOLE TO THE USER AS TO THE AVAILABILITY, QUANTITY, POTABILITY OR SUITABILITY FOR THE INTENDED USE OF ANY WATER DRAWN OR DELIVERED. USER ASSUMES ALL RISKS CONCERNING THE AVAILABILITY, QUANTITY, POTABILITY AND SUITABILITY OF THE WATER. USER UNDERSTANDS THAT WATER FROM THE WAHIAWA RESERVOIR AND DITCH SYSTEM, IF ANY, CONTAINS SEWER EFFLUENT. USER EXPRESSLY

UNDERSTANDS THAT BECAUSE OF DECISIONS THE COMMISSION ON WATER RESOURCE MANAGEMENT OR OTHER FEDERAL, STATE OR LOCAL AGENCY MAY MAKE FROM TIME TO TIME AND BECAUSE OF APPLICABLE LAWS, RULES AND REGULATIONS, THE AMOUNT OF WATER AVAILABLE FOR THE USER'S USE MAY AT ANY TIME AND FROM TIME TO TIME BE SUBSTANTIALLY REDUCED OR ELIMINATED. IN SUCH EVENT, AND UPON THE OCCURRENCE OF OTHER EVENTS SUCH AS (BUT NOT LIMITED TO) DROUGHT OR IMPENDING DROUGHT CONDITIONS, REDUCTION OF WATER FROM LAKE WILSON, OR MECHANICAL OR OTHER FAILURE OF A COMPONENT OF THE WATERLINE FACILITIES, USER AGREES THAT DOLE MAY, IN ITS SOLE DISCRETION, MAKE ALLOCATIONS OF WATER FROM ANY OF THE WATERLINE FACILITIES TO USERS THEREOF. USER ACKNOWLEDGES THAT DOLE IS NOT SELLING WATER; DOLE IS ONLY MAKING ITS WATERLINE FACILITIES AVAILABLE; SUBJECT TO THE LIMITATIONS SET FORTH IN THIS AGREEMENT.

5. User is aware that the Waterline Facilities are old and with a limited life. Dole shall have no obligation whatsoever to maintain or repair the Waterline Facilities, and all general maintenance of the Waterline Facilities to the Property, and any maintenance or repairs of the Waterline Facilities which may be necessary or appropriate for the continued use thereof by the User, shall be made by and at the sole cost of the User. Any damages to Dole's Waterline Facilities as a result of misuse or negligence by the User or any third party acting on behalf of the User shall be the User's responsibility. In the event of a disagreement between the parties hereto as to whether work with respect to the Waterline Facilities constitutes maintenance and repair or other changes, alterations or additions, the determination of Dole of the character of the work shall be final and conclusive. The User shall give Dole not less than five days prior written notice of any proposed maintenance and repair work, which work shall be described in such notice. Dole reserves the right to have User execute an appropriate agreement to enter upon Dole's or another party's property, and to provide appropriate insurance, before User makes any repairs or maintenance to the Waterline Facilities. User shall make no changes, alterations or additions to the Waterline Facilities (including maintenance and repairs), without the prior written consent of Dole.

6. Dole shall not be responsible or be obligated to arrange or to provide for any substitute water source for the User and shall not be liable for loss or injury suffered by the User due to insufficient or lack of water or any contamination or foreign matter in any water or the failure of the Waterline Facilities. USER RELEASES AND SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS DOLE, ITS AFFILIATES, SUCCESSORS, ASSIGNS, OFFICERS, DIRECTORS AND AGENTS ("INDEMNITEES") FROM ALL LOSSES, CLAIMS AND LIABILITY ARISING AT ANY TIME OUT OF USER'S USE OF OR INABILITY TO USE THE WATERLINE FACILITIES OR ANY WATER, WHETHER OR NOT THE NEGLIGENCE OF AN INDEMNITEE IS THE CAUSE OF THE LOSS, CLAIM OR LIABILITY. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, USER SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS DOLE AND OTHER INDEMNITEES FROM ALL CLAIMS ASSERTED BY USER'S EMPLOYEES OR ANY THIRD PARTIES FOR ANY INJURIES ALLEGEDLY SUSTAINED BECAUSE OF EXPOSURE TO THE WATER ACTUALLY DRAWN FROM THE WATERLINE FACILITIES BY USER OR OTHERWISE PURSUANT TO THIS AGREEMENT. This paragraph shall survive termination of this Agreement.

7. In conjunction with the use of the Waterline Facilities, the User shall withdraw water only for the benefit of User's tenants at the Property ("User's Tenants"). Such water withdrawn by User may be used only for the purpose of growing, harvesting and production of diversified agricultural crops on the Property, and no other use is allowed. The use of ditch water for irrigation of the Property is at User's sole risk and at all times subject to User's compliance with and only if permitted by applicable laws including government regulations and guidelines ("Laws"). User shall comply with all Laws and obtain all required permits and approvals.

8. In addition to the limitations on water use elsewhere in this Agreement, Dole shall have the right and may, in times of need as determined by Dole in its sole discretion, limit the amount, rate, and periods of withdrawal of water by User. Without limiting the generality of the foregoing, in no event shall User withdraw more than the water required for the production of diversified agricultural crops on the Property. Dole makes no representations or warranties concerning the availability of pumped water or any other water by User.

9. Beginning at the commencement of the Agreement, the User shall pay Dole a facility fee which is computed by the gallonage withdrawn by User at the initial rate of **$0.60** per thousand gallons of DITCH water (i.e., $600.00 per million gallons (mg)) and **$0.80** per thousand gallons of PUMPED water (i.e., $800.00 per mg) (based on the 2023 standard rates). The monthly statement of gallonage used will be submitted to User and paid by User within 5 days after receipt of invoice. Water flowing through the meter on days not ordered (in accordance with the "Irrigation Water Request Form") will not be charged to User. User will submit water meter reading to Dole or Dole's contractor will read the meter at the beginning of each month for each preceding month during the term of this Agreement. The User acknowledges they may be billed the facility fee for use predating this Agreement.

Beginning on January 1 of each calendar year (each such January 1, an "Adjustment Date") the standard rates charged for the facility fee for such calendar year shall be increased by one-hundred percent (100%) of the percentage of increase, if any, shown by the Producer Price Index, All Commodities (base year 1982=100) (the "Index"), published by the United States Department of Labor, Bureau of Labor Statistics, for the month immediately preceding such Adjustment Date as compared with the Index for the month immediately preceding the prior Adjustment Date. In no event shall the facility fee rate for any given year be less than that of the immediately preceding year.

Dole shall calculate the amount of the increase adjustment in the facility fee rate after the United States Department of Labor publishes the statistics on which the amount of the increase will be based. The parties recognize and acknowledge that the publication of the Index that permits Dole to calculate the standard rates for each calendar year effective as of January 1 occurs some time after January 1, and therefore User acknowledges and agrees that, in the event that such adjustment for the current calendar year has not yet been determined at the time that this Agreement is executed, User will be charged on a retroactive basis for any such increase adjustment upon such determination.

Dole shall give written notice of the amount of the increase, multiplied by the number of gallons of water used since the Adjustment Date. User shall pay this amount, together with the monthly

facility fee next becoming due under this Agreement at the increased rate, and shall thereafter pay the monthly facility fee due under this Agreement at the increased rate. Dole's failure to make the required calculations promptly shall not be considered a waiver of Dole's rights to adjust the charge due, nor shall it affect User's obligations to pay the increased facility fee rate.

If the Index is changed so that the base year differs from that in effect on the date of this Agreement, the Index shall be converted in accordance with the conversion factor published by the United States Department of Labor, Bureau of Labor Statistics. If the Index is discontinued or revised during the term of this Agreement, the government index or computation with which it is replaced shall be used to obtain substantially the same results as if the Index had not been discontinued or revised.

10. In addition to the facility fee, if (i) the State of Hawaii or other government entity or any third party with an interest in the water and/or the Waterline Facilities commences to charge Dole for the use of water or the extraction or delivery of water, or (ii) Dole determines it is necessary or desirable, or if Dole is required by any government agency, by law or by judicial or administrative proceeding or by any contract or arrangement with a third party, to make any improvements, repairs, maintenance or other work to the Waterline Facilities, or to any water transmission ditches, pipelines, equipment, tunnels, valves, wells, pumps, or any other items relating to the Waterline Facilities or in any way necessary in order to source the water; then in each case Dole may charge User its pro-rata share of all such charges and/or costs, based on User's percentage use of water from, or related to, the items upon which the State or other entity or party has imposed charges, or the items which have been improved, repaired or maintained. User will pay Dole such pro-rata share within thirty (30) days of receipt of Dole's invoice therefore.

11. In addition to the facility fee, taxes and all other charges of every description payable hereunder with respect to which Dole is subject to tax under the Hawaii General Excise or other law, or constructively received by Dole under or in connection with this Agreement, including, without limiting the generality of the foregoing, the fees payable hereunder and any amount directly or constructively received by Dole (to the extent so taxed) by reason of payment by User to Dole or others of property taxes, insurance premiums, common area maintenance charges, or any charges or costs hereunder, User shall pay to Dole, at the time User pays such fees, taxes or other charges, an amount which shall result in a net yield to Dole equal to that which Dole would have realized if no such general excise tax had been imposed. It is the intent of this paragraph and of the other provisions of this Agreement to insure that the fees and other sums to be paid to Dole by User will be received by Dole without diminution by any tax, assessment, charge or levy of any nature whatever, except United States and State of Hawaii net income taxes, and the terms and conditions of this license shall be liberally construed to effect such purpose.

12. User shall install pressure regulators and relief valves, filters and meters sufficient to use and measure the quantity of water used by User. User shall not install pipeline connections, meter fittings, and other improvements without first submitting drawings to Dole and obtaining Dole's consent thereto prior to installation. Dole and any Dole designee may from time to time inspect and audit all User records relating to such measurements and water use, during normal business hours, upon not less than seventy-two (72) hours advance notice, and such inspection shall be made by Dole at its own expense, except as provided below. All such examinations and

audits shall be at User's place of business, and User shall maintain such records at that location. If the audit reveals that User underpaid facility fees with respect to any period, then without prejudice to any other amounts due to Dole or to any of its rights hereunder, all costs and expenses incurred by Dole in connection with such inspection and audit shall be borne by User. In addition, User shall pay Dole all delinquent facility fees within ten (10) days of Dole's demand therefore.

13. The rights and privileges granted by this Agreement shall not be assigned or transferred, except to a subsequent owner of the Property, or encumbered or otherwise made available in any way by User to a third party, except to User's Tenants. Any such purported assignment or transfer, other than to a subsequent owner of the Property, shall be void and of no effect and shall automatically terminate all rights granted to User herein.

14. In the event of any breach by the User of the terms and conditions provided herein, and if such breach is not cured by the User within thirty (30) days next following notice from Dole, Dole may without further notice terminate this Agreement.

15. The term of this Agreement shall be twelve (12) months from the Effective Date, subject at all times to availability of water and other provisions herein. Notwithstanding the foregoing, either Dole or User may terminate this Agreement at any time in their discretion upon at least NINETY (90) days prior written notice to the other party; provided, however, that in the event at any time during this Agreement there is either a substantial reduction or stoppage of the flow of water through the Waterline Facilities (other than seasonal variations) for a period of THIRTY (30) days or more, or a substantial increase in either party's cost of water (e.g., a doubling of the cost in a 6-month period), either Dole or User may terminate this Agreement upon THIRTY (30) days prior written notice to the other party. In addition, Dole may terminate this Agreement upon written notice to User if Dole loses easement or other rights necessary to obtain and/or transfer the water from any of its sources to the Waterline Facilities and/or to the Property.

16. Notwithstanding any provisions of this Agreement to the contrary. Dole is NOT selling water to User. Dole is simply allowing User to use Dole's Waterline Facilities on the terms set forth herein. Dole makes no representation or warranties to User concerning title to or ownership of any water.

17. It is expressly understood and agreed that Dole does not intend to dedicate its water facilities to public use or to become a public utility within the meaning of Hawaii law. Dole shall have no obligation whatsoever to supply water to User, and this Agreement otherwise shall be void and have no effect if Dole is deemed to be a public utility by virtue of this Agreement or otherwise. Dole shall have no obligation to return any payments made by User with respect to water withdrawn by User.

18. User shall require User's Tenants to maintain the following insurance described below, underwritten by at least a Best's A-, VI rated insurance company, and all such insurance shall name Dole and its affiliates, subsidiaries and other designees as Additional Insureds with respect to the use of the waterline facility or any water therefrom and the insurance shall include a provision for a THIRTY (30) day notice of cancellation to be given to Dole. Insurance certificates

that evidence all the requirements shall be furnished to Dole with respect to all of User's Tenants following the execution of this Agreement and shall contain the following:

a. Commercial General Liability insurance with a minimum combined single limit of TWO MILLION DOLLARS ($2,000,000) each occurrence. The policy shall include coverage for bodily injury, property damage, pollutants, premises/operations, severability/cross claims, products/completed operations, contractual, independent contractors, broad form property damages, and personal injury.

b. Commercial Automobile Liability insurance with a minimum combined single limit for bodily injury and property damage of not less than TWO million dollars ($2,000,000) each occurrence with respect to all vehicles owned, non-owned, hired or assigned to User.

c. Workers' Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction over User, employees, and Employers' Liability insurance with a minimum limit of ONE million dollars ($1,000,000).

d. The insurance required by this Agreement and obtained by User's Tenants shall alone be primary and that User's Tenants and their insurers shall have no rights to share in or otherwise obtain contribution from other insurance maintained by Dole, its affiliates or designees.

19. If the property (or any part thereof or interest therein) containing the Waterline Facilities or the source of the water is taken by exercise of the power of eminent domain, this Agreement shall terminate on such taking.

20. User acknowledges that its access and use of the Waterline Facilities may be impaired or prevented by factors beyond Dole's reasonable control, including, without limitation, fire, explosion, accident, riot, flood, drought, storm, climatic conditions, earthquake, lightning, civil commotion, sabotage, vandalism, smoke, embargo, inability to obtain supplies or raw materials, acts of God or of a public enemy, other casualty, strike or lockout, or any other event of a similar nature (collectively, an event of "Force Majeure"). If Dole experiences a Force Majeure, it shall give prompt written notice thereof to User.

21. Any notice required or permitted to be given under this Agreement shall be in writing and shall be deemed to have been given (i) the second (2nd) business day after deposit in the United States mail, registered or certified mail, postage prepaid, return receipt requested, and addressed to the recipient party at its address below; (ii) on the date of scheduled delivery when deposited with a nationally recognized overnight courier service (e.g., Federal Express, UPS or Airborne) for next day delivery, and addressed to the recipient party at its address below; or (iii) upon successful delivery by facsimile. Either party may, from time to time, by notice as herein provided, designate a different address to which notice to it shall be sent. The parties' initial addresses for such notices are as follows:

To User: AGRIBUSINESS DEVELOPMENT CORPORATION
235 S. Beretania Street, Room 205
Honolulu, Hawaii 96813
ATTN: Executive Director
FAX: 808-586-0189

To Dole: Dole Food Company, Inc.
c/o Dole Food Company Hawaii
1116 Whitmore Avenue
Wahiawa, Hawaii 96786
ATTN: Daniel X Nellis, DFCH General Manager
FAX: 808-621-7410

With a copy to: Dole Food Company, Inc.
One Dole Drive
Westlake Village, CA 91362
ATTN: Associate General Counsel
FAX: 818-879-6613

22. Miscellaneous.

(a) This Agreement shall be governed by and construed in accordance with the laws of the State of Hawaii.

(b) This Agreement contains the entire understanding and agreement by and between the parties with respect to the subject matter hereof and all prior or contemporaneous oral or written agreements or instruments are merged herein and no amendment or other modification to this Agreement shall be effective unless the same is in writing and signed by Dole and User.

(c) This Agreement may be executed in two or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument. This Agreement may be executed by facsimile signature and any such signature shall be effective as if it the original signature. The waiver by either party of a breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach whether of the same of another provision of this Agreement.

(d) Should any part, term or provision of this Agreement or any document required herein to be executed or delivered be declared invalid, void or unenforceable, all remaining parts, terms and provisions hereof shall remain in full force and effect and shall in no way be invalidated, impaired or affected thereby.

If the terms and conditions set forth above are acceptable to you, kindly indicate such acceptance by signing and returning the attached copy of this letter to Dole, at 1116 Whitmore Avenue, Wahiawa, Hawaii 96786.

Sincerely,

DOLE FOOD COMPANY, INC.

By_____

By _____

Accepted this _____ day of _____, 2023

Agribusiness Development Corporation

By_____
Name _____
Its_____

By_____
Name _____
Its_____

EXHIBIT A

Area more or less shown outlined on map below

TMK: 6-4-4-8

ITEM E-1

OSHE GROUP LLC.

LIMITED PRE- DEMOLITION HAZARDOUS MATERIAL ASSESSMENT REPORT

Future Central Oahu Agriculture Food Hub
Dole Whitmore Ave. Facilities Parcels 4 & 9
TMK (1) 7-1-002-004 & 009

Prepared for:

State of Hawaii Agribusiness Development Corp
235 S. Beretania Street, Room 205
Honolulu, Hawaii 96813

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OSHE Project No. OSHE23009

July 12, 2023

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Between, June 8 to 14 2023, at the request of the **State of Hawaii Agribusiness Development Corp.,** OSHE Group LLC. (OSHE) hazardous material assessment team performed a limited pre – demolition hazardous material assessment of a total of (19) single-story steel metal framed and wooden structures that make up the dole facilities directly facing Whitmore Avenue located in Wahiawa, Hawaii **(TMK (1) 7-1-002-004 & 009).**

The purpose of this assessment is to provide a basis for data collection, sampling analysis and reporting of suspect regulated hazardous materials that may include multi- layer Asbestos Containing Building Materials, Lead Based paint (LBP), and Lead Containing Paint (LCP) that may be impacted during future demolition activities.

OSHE's State of Hawaii, Department of Health (DOH) registered, and EPA certified environmental building inspection team collected representative samples of suspect asbestos, LBP & LCP materials from interior components only. A total of **(160)** multi-layer suspect asbestos bulk samples were collected and **(35)** LBP/LCP samples. The samples were submitted o an ACCREDITED NVLAP Asbestos PLM and American Industrial Hygiene Association (AIHA) Environmental Lead and Chemical Laboratory (EMSL Analytical), for individual sample analysis.

The enclosed data collected indicates the following.

1. Asbestos **is** present in several types of material that was sampled in the (19) structures that are located on parcel 4 & 9.
2. Lead based and lead containing paint was detected in all multi-layer painted coatings tested at different concentrations.

   (See attached laboratory summaries for exact sample locations and materials sampled)

Should you have questions or concerns, please do not hesitate to contact me on my cell phone (808) 861-6422.

Sincerely,

Arther "Jay" Clayton-Owner
EPA Asbestos Building Inspector
HIASB-0339 Exp: 08/24

1.0 Survey Protocols for Asbestos:

This asbestos inspection determined the location, quantity, and condition of friable and non-friable asbestos containing building materials (ACBM). Samples from the interior and exterior of all structures were collected. OSHE collected all available information regarding the facilities from the owner(s) prior to performing the survey. The following facilities were inspected.

(2) Truck Sheds	Field Office
Kitchen & Conference Room	Main Office
(2) Single Family Dwellings	(2) Quonset Huts
Heavy Repair Equipment Bldg.	Nursery Equipment Storage
Vehicle Repair & Fabrication Shop	Old Tire Shop
Equipment Repair	Small Nursery Green House
Large Nursery Green House	UH Warehouse
R&D Office Warehouse	Telone Tank Structure

During the initial walk through, the number and types of suspect ACBM's were determined. AHERA divides these materials into three types of materials: Surfacing, TSI, and Miscellaneous materials. These are further broken down into separate homogeneous areas, which are the basis for the sampling. Each homogeneous area was noted on the inspector's working diagram and was assigned a unique identifying number. This number was recorded on the bulk sampling form and included in this report. If the materials to be sampled were determined as Surfacing or TSI, the locations were selected randomly. The inspector used his/her best judgment in selecting the sample location from miscellaneous materials, these samples were obtained from damaged or from the most inconspicuous areas. The following is a list of identified homogenous suspect materials that were sampled.

- Multi-Layer Painted Coatings
- Flooring
- Drywall Systems
- Ceiling Systems
- Roofing Systems

These materials can also be classified under the Federal National Emissions Standards for Hazardous Air Pollutants [NESHAP] as Regulated Asbestos Containing Material [RACM] and Category I or Category II non-friable material. These determinations are made at the time of a NESHAP survey or planned abatement, to determine the regulatory and notification requirements. The information in this report provides all the information needed to notify the State of Hawaii of abatement activities.

Inspection protocols and regulations:

Federal NESHAP and the State of Hawaii, Title 11 Chapter 501 and 502: to collect minimum of three samples per floor from each homogenous area with anticipation of demolition or renovation.

29 CFR 1926.1101 and Hawaii Administrative Rules Title 12 Chapter 145.1: to comply with OSHA requirements. The focus is on Presumed Asbestos Containing Material [PACM], which includes surfacing materials, thermal system insulation, and resilient floorings. The sampling protocol used in this type of inspection in the AHERA protocol.

Asbestos in Schools Hazard Abatement Reauthorization Act [ASHARA]: to perform an inspection with anticipation of in-place management of ACBM. Accredited persons are required when performing work in commercial and public buildings. The AHERA sampling protocol is used for this type of inspection. This type of survey often results in the development of an Asbestos Management Plan.

2.0 Asbestos Laboratory Results:

Asbestos was identified in various types of material in various areas throughout each of the 19 structures tested. Positive Asbestos analytical results are summarized in the table below. The laboratory analytical reports are attached.

SAMPLE ID	MATERIAL	LOCATION	ASB %	COND.	QTY
B2300901,02,03	Multi-Layer Painted Coatings	Truck Sheds (2) Metal Framing and Roof Panels Throughout	2% Chrysotile	Poor	Throughout
B2300931,32,33	Multi-Layer Flooring	Field Office Training/Conference Room and Small Offices	2% to 5% Chrysotile	Good	600sf
B2300999,100,102	Black Sink Undercoating	UH Warehouse	5% Chrysotile	Good	1 Sink
B23009103	Black Caulking/Sealant	Small Green House Wooden Sliding Door Frame	3% Chrysotile	Poor	30lf
B23009104,105,106	Multi-Color 9x9 Flooring W/Mastic	Equipment Storage Warehouse	4% Chrysotile	Good	400sf
B23009110, 111, 112	Multi-Color 9x9 Flooring W/Mastic	Vehicle Repair & Fab Shop Foreman's Office	3% Chrysotile	Good	2000sf
B23009113,114,115	Brown 9x9 Floor Tile W/Mastic	Vehicle Repair & Fab Shop Supply Room	3% Chrysotile	Good	400sf
B23009116,117,118	Drywall System	Vehicle Repair & Fab Throughout Shop offices	2% Chrysotile	Good	2500sf
B23009146	Black Roof Patch Caulking Sealant	Quonset Hut #1 Exterior Metal Panels Screw Hole Penetrations	6% Chrysotile	Poor	Throughout Exterior
B23009159	Black Roof Patch Caulking Sealant	Quonset Hut #2 Exterior Metal Panels Screw Hole Penetrations	5% Chrysotile	Poor	Throughout Exterior
B23009164	Multi-Layer Painted Roof Coatings	UH Warehouse & R&D Warehouse Roof Panels.	65% Chrysotile	Poor	Throughout Exterior
B23009165	Multi-Layer Painted Roof Coatings	Equipment Storage & Old Tire Shop Roof Panels	65% Chrysotile	Poor	Throughout Exterior
B23009166	Multi-Layer Painted Roof Coatings	Vehicle Repair & Fab Shop Roof Panels.	40% Chrysotile	Poor	Throughout Exterior
B23009167	Multi-Layer Painted Roof Coatings	Nursery Equipment Storage Roof Panels.	40% Chrysotile	Poor	Throughout Exterior
B23009168	Multi-Layer Painted Roof Coatings	Heavy Equipment Storage Roof Panels.	4% Chrysotile	Poor	Throughout Exterior
B23009169	Window Caulking	Equipment Storage Warehouse Windows.	2% Chrysotile	Poor	400lf
B23009170	Window Caulking	Vehicle Repair & Fab Shop	2% Chrysotile	Poor	400lf

3.0 Lead Paint Sampling Protocol:

Paint samples were obtained from areas that had exhibited damage or were unobtrusive. The condition of each suspect LBP/LCP was noted. All samples were logged, recorded (following strict chain-of-custody procedures) and submitted to an Environmental Lead Laboratory Accreditation Program [NLLP]-accredited laboratory for analysis. The samples were analysed by flame atomic absorption spectroscopy [FAAS] using the EPA SW-846 Method 7420.

4.0 Lead Laboratory Results:

OSHE collected suspected lead in paint samples from surfaces or materials that will be disturbed as a part of the upcoming scheduled demolition. Based on analytical lab results all paint samples collected were reported as either lead containing or lead based. Sample results are summarized in the table below.

SAMPLE ID	LOCATION	COLOR	RESULT PPM	LCP/LBP
LP2300901	Truck Shed	Beige	150	LCP
LP2300902	Int. Field Office	Off White	<80	LCP
LP2300903	Ext. Field Office	Green	<80	LCP
LP2300904	Ext. Field Office Window Frame	Brown	<80	LCP
LP2300905	Field Office Ext. Eaves	Beige	14000	LBP
LP2300906	Main Office Exterior	White	<80	LCP
LP2300907	Interior Conference Rm/Kitchen Bldg.	Beige	50000	LBP
LP2300908	Exterior Conference Rm/Kitchen Bldg.	Beige	110	LCP
LP2300909	Interior Residence #2 Storage	Blue	2700	LCP
LP2300910	Exterior Residence #2 Storage	Cream	7600	LBP
LP2300911	Exterior Residence #2 Storage Window Frames	Tan/Brown	24000	LBP
LP2300912	Interior UH Warehouse	Beige	<80	LCP
LP2300913	Exterior UH Warehouse	Cream	54	LCP
LP2300914	Interior Equipment Storage Bldg.	Dark Red	220	LCP
LP2300915	Exterior Equipment Storage Bldg.	Beige	300	LCP
LP2300916	Interior Old Tire Shop	Dark Red	5200	LBP
LP2300917	Exterior Old Tire Shop	Beige	2000	LCP
LP2300918	Interior Vehicle Repair & Fab Shop	Dark Red	980	LCP
LP2300919	Exterior Vehicle Repair & Fab Shop	Dark Red	<80	LCP
LP2300920	Interior R&D Office	White	230	LCP
LP2300921	Interior Quonset Hut #1	White	31000	LBP
LP2300922	Exterior Quonset Hut #2	White	800	LCP
LP2300923	Interior Nursery Equipment Storage	Dark Red	80	LCP
LP2300924	Exterior Nursery Equipment Storage	Dark Red	<150	LCP
LP2300925	Interior Quonset Hut #2	Gray	12000	LBP
LP2300926	Exterior Quonset Hut #2	Beige	15000	LBP
LP2300927	Exterior Heavy Equip. Repair	Beige	85	LCP
LP2300928	Interior Heavy Equip. Repair	Gray	<80	LCP
LP2300929	Exterior Roof Panels Heavy Equip. Repair	Reddish	<80	LCP
LP2300930	Exterior Framing Heavy Equip. Repair	Light Gray	870	LCP
LP2300931	UH Warehouse Roof	Multi-Color	2000	LCP
LP2300932	R&D Warehouse	Multi-Color	530	LCP
LP2300933	Equip Storage & Tire Shop Roof	Multi-Color	17000	LBP
LP2300934	Vehicle Repair & Fab Shop Roof	Multi-Color	13000	LBP
LP2300935	Nursery Equip. Repair Storage Roof	Multi-Color	16000	LBP

LCP = Lead Containing Paint (OSHA Less Than 5000 PPM) LBP=Lead Based Paint (EPA Greater than 5000 PPM)

5.0 Recommendations:

- **It is Highly Recommended** that prior to any future demolition activities of any of the structures assessed as a part of this project, that a State of Hawaii licensed and certified asbestos abatement contractor is hired to remove all identified asbestos hazards as required.
- **It is Highly Recommended** that any disturbance or clean-up of lead paint or lead painted debris is done in strict accordance with OSHA 1926.62 "Lead In Construction" standards, and EPA safe clean work practices.
- **It is Highly Recommended** that if other suspect asbestos materials are discovered during demolition activities that has not been sampled and or tested, that these discovered materials are tested and identified prior to any disturbance.
- **It is Highly Recommended** THIS REPORT SHOULD BE KEPT AS A PERMANENT RECORD BY CURRENT PROPERTY OWNER.

6.0 Qualifications & Limitations:

OSHE's professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expresses or implied. OSHE is not responsible for the independent conclusions, opinions, or recommendations made by others based on the field exploration and laboratory test data presented in this report.

The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and locations given. This report does not warrant against future operations or conditions, nor does it warrant against operations present of a type or at a location not investigated.

7.0 REFERENCES:

Code of Federal Regulations. Occupational Safety and Health. Lead in Construction Standard, Title 29, Part 1926.62. Washington DC May 1993.

Code of Federal Regulations. National Emission Standard for Hazardous Air Pollutants (NESHAP), Asbestos Regulations. Title 40, Part 61, Subpart M. Washington DC, July 1991.

Code of Federal Regulations. Interim Method for the Determination of Asbestos in Bulk Insulation Samples, Title 40, Part 763, Appendix A to Subpart F, Washington DC, November 1989.

State of Hawaii Administrative Rules, Chapter 11-501 through 504 (Asbestos).

US Department of Housing and Urban Development [HUD] Guidelines. Revision to Chapter 7 of the Guidance for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 1997.

US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT [HUD] GUIDELINES. GUIDANCE FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING, 1995.

END OF REPORT

SECTION A

ASBESTOS LABORATORY REPORT

EMSL Analytical, Inc.
464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order:	092314072
Customer ID:	OSHE75
Customer PO:	
Project ID:	

Attention: Arther Clayton
OSHE Group LLC
PO Box 1832
Honolulu, HI 96805-1832

Project: CENTRAL OAHU AGRICULTURE & FOOD HUB

Phone:	(808) 839-5522
Fax:	
Received Date:	06/27/2023 9:00 AM
Analysis Date:	06/30/2023 - 07/06/2023
Collected Date:	06/08/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300901 *092314072-0001* *This is a composite of inseparable paints.*	MULTI-LAYER PAINTED COATINGS	Gray/Silver/Orange Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
B2300902 *092314072-0002*	MULTI-LAYER PAINTED COATINGS				Positive Stop (Not Analyzed)
B2300903 *092314072-0003*	MULTI-LAYER PAINTED COATINGS				Positive Stop (Not Analyzed)
B2300904 *092314072-0004*	WINDOW GLAZING	Tan/White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300905 *092314072-0005*	WINDOW GLAZING	Tan/White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300906 *092314072-0006*	WINDOW GLAZING	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300907-Ceramic Tile *092314072-0007*	CERAMIC WALL TILE W/GROUT	Brown Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300907-Grout *092314072-0007A*	CERAMIC WALL TILE W/GROUT	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300907-Mastic *092314072-0007B*	CERAMIC WALL TILE W/GROUT	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300907-Compound *092314072-0007C*	CERAMIC WALL TILE W/GROUT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300908-Ceramic Tile *092314072-0008*	CERAMIC WALL TILE W/GROUT	Brown Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300908-Grout *092314072-0008A*	CERAMIC WALL TILE W/GROUT	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300908-Mastic *092314072-0008B*	CERAMIC WALL TILE W/GROUT	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300908-Compound *092314072-0008C*	CERAMIC WALL TILE W/GROUT	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300909-Ceramic Tile *092314072-0009*	CERAMIC WALL TILE W/GROUT	Brown Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300909-Grout *092314072-0009A*	CERAMIC WALL TILE W/GROUT	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

Initial report from: 07/01/2023 17:14:49

EMSL Analytical, Inc.
464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order: 092314072
Customer ID: OSHE75
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
B2300909-Mastic *092314072-0009B*	CERAMIC WALL TILE W/GROUT	White Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300910-Drywall *092314072-0010*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300910-Joint Compound *092314072-0010A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300911-Drywall *092314072-0011*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300911-Joint Compound *092314072-0011A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300912-Drywall *092314072-0012*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300912-Joint Compound *092314072-0012A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300913-Gypsum Board *092314072-0013*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300913-Joint Compound *092314072-0013A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300914-Gypsum Board *092314072-0014*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300914-Joint Compound *092314072-0014A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300915-Gypsum Board *092314072-0015*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300915-Joint Compound *092314072-0015A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300916-Vinyl Floor Tile *092314072-0016*	12X12 GRAY FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		5% Quartz 15% Ca Carbonate 60% Matrix 20% Non-fibrous (Other)	None Detected
B2300916-Mastic *092314072-0016A* *Result includes a small amount of inseparable attached material*	12X12 GRAY FLOOR TILE W/MASTIC	Gray/Yellow Non-Fibrous Homogeneous		12% Ca Carbonate 70% Matrix 18% Non-fibrous (Other)	None Detected
B2300916-Leveler 1 *092314072-0016B*	12X12 GRAY FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected

Initial report from: 07/01/2023 17:14:49

EMSL Analytical, Inc.
464 McCormick Street San Leandro, CA 94577
Tel/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com / sanleandrolab@emsl.com

EMSL Order:	092314072
Customer ID:	OSHE75
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Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
B2300916-Leveler 2 *092314072-0016C*	12X12 GRAY FLOOR TILE W/MASTIC	Red Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300917-Vinyl Floor Tile *092314072-0017*	12X12 GRAY FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		5% Quartz 15% Ca Carbonate 60% Matrix 20% Non-fibrous (Other)	None Detected
B2300917-Mastic *092314072-0017A* *Result includes a small amount of inseparable attached material*	12X12 GRAY FLOOR TILE W/MASTIC	Gray/Yellow Non-Fibrous Homogeneous		10% Ca Carbonate 70% Matrix 20% Non-fibrous (Other)	None Detected
B2300917-Leveler 1 *092314072-0017B*	12X12 GRAY FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
B2300917-Leveler 2 *092314072-0017C*	12X12 GRAY FLOOR TILE W/MASTIC	Red Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300917-Felt *092314072-0017D*	12X12 GRAY FLOOR TILE W/MASTIC	Black Fibrous Homogeneous	30% Cellulose 10% Synthetic	40% Matrix 20% Non-fibrous (Other)	None Detected
B2300918-Vinyl Floor Tile *092314072-0018*	12X12 GRAY FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		5% Quartz 15% Ca Carbonate 60% Matrix 20% Non-fibrous (Other)	None Detected
B2300918-Mastic *092314072-0018A* *Result includes a small amount of inseparable attached material*	12X12 GRAY FLOOR TILE W/MASTIC	Gray/Yellow Non-Fibrous Homogeneous		10% Ca Carbonate 70% Matrix 20% Non-fibrous (Other)	None Detected
B2300918-Leveler 1 *092314072-0018B*	12X12 GRAY FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
B2300918-Leveler 2 *092314072-0018C*	12X12 GRAY FLOOR TILE W/MASTIC	Red Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300918-Felt *092314072-0018D*	12X12 GRAY FLOOR TILE W/MASTIC	Black Fibrous Homogeneous	30% Cellulose 10% Synthetic	40% Matrix 20% Non-fibrous (Other)	None Detected
B2300919-Cove Base *092314072-0019*	BLACK COVE BASE W/MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300919-Mastic *092314072-0019A*	BLACK COVE BASE W/MASTIC	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300919-Compound *092314072-0019B*	BLACK COVE BASE W/MASTIC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300920-Cove Base *092314072-0020*	BLACK COVE BASE W/MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300920-Mastic *092314072-0020A*	BLACK COVE BASE W/MASTIC	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300920-Compound *092314072-0020B*	BLACK COVE BASE W/MASTIC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300921-Cove Base *092314072-0021*	BLACK COVE BASE W/MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
B2300921-Mastic *092314072-0021A*	BLACK COVE BASE W/MASTIC	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300922-Ceramic Flooring *092314072-0022*	8INCHX8INCH CERAMIC FLOORING	Tan Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300922-Grout *092314072-0022A*	8INCHX8INCH CERAMIC FLOORING	Brown Non-Fibrous Homogeneous		45% Quartz 30% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B2300923-Ceramic Flooring *092314072-0023*	8INCHX8INCH CERAMIC FLOORING	Tan Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300923-Grout *092314072-0023A*	8INCHX8INCH CERAMIC FLOORING	Brown Non-Fibrous Homogeneous		45% Quartz 30% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B2300923-Mortar 1 *092314072-0023B*	8INCHX8INCH CERAMIC FLOORING	White Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300923-Mortar 2 *092314072-0023C*	8INCHX8INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300924-Ceramic Flooring *092314072-0024*	8INCHX8INCH CERAMIC FLOORING	Tan Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300924-Grout *092314072-0024A*	8INCHX8INCH CERAMIC FLOORING	Brown Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300924-Mortar 1 *092314072-0024B*	8INCHX8INCH CERAMIC FLOORING	White Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300924-Mortar 2 *092314072-0024C*	8INCHX8INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		5% Quartz 70% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B2300925-Ceramic Wall Tile *092314072-0025*	4INCHX4INCH BEIGE CERAMIC WALL TILE	White/Beige Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300925-Mortar 1 *092314072-0025A*	4INCHX4INCH BEIGE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300925-Mortar 2 *092314072-0025B*	4INCHX4INCH BEIGE CERAMIC WALL TILE	Gray Non-Fibrous Homogeneous		5% Quartz 70% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B2300926-Ceramic Wall Tile *092314072-0026*	4INCHX4INCH BEIGE CERAMIC WALL TILE	White/Beige Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300926-Mortar 1 *092314072-0026A*	4INCHX4INCH BEIGE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300926-Mortar 2 *092314072-0026B*	4INCHX4INCH BEIGE CERAMIC WALL TILE	Gray Non-Fibrous Homogeneous		5% Quartz 70% Ca Carbonate 25% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300926-Grout *092314072-0026C*	4INCHX4INCH BEIGE CERAMIC WALL TILE	Brown Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300927-Ceramic Wall Tile *092314072-0027*	4INCHX4INCH BEIGE CERAMIC WALL TILE	White/Beige Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B2300927-Mortar 1 *092314072-0027A*	4INCHX4INCH BEIGE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300927-Mortar 2 *092314072-0027B*	4INCHX4INCH BEIGE CERAMIC WALL TILE	Gray Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300927-Grout *092314072-0027C*	4INCHX4INCH BEIGE CERAMIC WALL TILE	Tan Non-Fibrous Homogeneous		5% Quartz 70% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B2300928-Ceiling Tile *092314072-0028*	12X12 PINHOLE PATTERN CANEC CEILING TILE W/MASTIC	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
B2300928-Mastic *092314072-0028A*	12X12 PINHOLE PATTERN CANEC CEILING TILE W/MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300929-Ceiling Tile *092314072-0029*	12X12 PINHOLE PATTERN CANEC CEILING TILE W/MASTIC	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
B2300929-Mastic *092314072-0029A*	12X12 PINHOLE PATTERN CANEC CEILING TILE W/MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300930-Ceiling Tile *092314072-0030*	12X12 PINHOLE PATTERN CANEC CEILING TILE W/MASTIC	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
B2300930-Mastic *092314072-0030A*	12X12 PINHOLE PATTERN CANEC CEILING TILE W/MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300931-Vinyl Floor Tile 1 *092314072-0031*	MULTI-LAYER FLOORING	Red Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300931-Mastic 1 *092314072-0031A*	MULTI-LAYER FLOORING	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300931-Vinyl Floor Tile 2 *092314072-0031B*	MULTI-LAYER FLOORING	Tan Non-Fibrous Homogeneous		60% Matrix 36% Non-fibrous (Other)	4% Chrysotile
B2300931-Mastic 2 *092314072-0031C* *Result includes a small amount of inseparable attached material*	MULTI-LAYER FLOORING	Brown/Tan Non-Fibrous Heterogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300931-Vinyl Sheet Flooring *092314072-0031D*	MULTI-LAYER FLOORING	Brown/Black Fibrous Heterogeneous	20% Cellulose	60% Matrix 18% Non-fibrous (Other)	2% Chrysotile

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Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
This is a composite result of both vinyl and backing layer. Result includes a small amount of inseparable attached material					
B2300931-Mastic 3 *092314072-0031E*	MULTI-LAYER FLOORING	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
B2300932 *092314072-0032*	MULTI-LAYER FLOORING				Positive Stop (Not Analyzed)
B2300933 *092314072-0033*	MULTI-LAYER FLOORING				Positive Stop (Not Analyzed)
B2300934-Shingle *092314072-0034*	ROOFING	Gray/Black Fibrous Homogeneous	15% Glass	15% Quartz 60% Matrix 10% Non-fibrous (Other)	None Detected
B2300934-Felt *092314072-0034A*	ROOFING	Black Fibrous Homogeneous	40% Cellulose	30% Matrix 30% Non-fibrous (Other)	None Detected
B2300935-Drywall *092314072-0035*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300935-Joint Compound *092314072-0035A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300936-Drywall *092314072-0036*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300936-Joint Compound *092314072-0036A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300937-Drywall *092314072-0037*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300937-Joint Compound *092314072-0037A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300938 *092314072-0038*	2X4 ACOUSTICAL CEILING TILE	Tan/White Fibrous Homogeneous	40% Cellulose 30% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
B2300939 *092314072-0039*	2X4 ACOUSTICAL CEILING TILE	Tan/White Fibrous Homogeneous	40% Cellulose 30% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
B2300940 *092314072-0040*	2X4 ACOUSTICAL CEILING TILE	Tan/White Fibrous Homogeneous	40% Cellulose 30% Min. Wool	20% Perlite 10% Non-fibrous (Other)	None Detected
B2300941-Cove Base *092314072-0041*	BROWN COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300941-Mastic *092314072-0041A*	BROWN COVE BASE W/MASTIC	White/Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
Result includes a small amount of inseparable attached material					
B2300941-Compound *092314072-0041B*	BROWN COVE BASE W/MASTIC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300942-Cove Base *092314072-0042*	BROWN COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300942-Mastic *092314072-0042A* *Result includes a small amount of inseparable attached material*	BROWN COVE BASE W/MASTIC	White/Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300942-Compound *092314072-0042B*	BROWN COVE BASE W/MASTIC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300942-Drywall *092314072-0042C*	BROWN COVE BASE W/MASTIC	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300943-Cove Base *092314072-0043*	BROWN COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300943-Mastic *092314072-0043A*	BROWN COVE BASE W/MASTIC	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300943-Compound *092314072-0043B*	BROWN COVE BASE W/MASTIC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300944-Ceramic Tile *092314072-0044*	16INCHX16INCH CERAMIC TILE W/GROUT	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300944-Grout *092314072-0044A*	16INCHX16INCH CERAMIC TILE W/GROUT	Red Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
B2300944-Mortar *092314072-0044B*	16INCHX16INCH CERAMIC TILE W/GROUT	Gray Non-Fibrous Homogeneous		30% Quartz 50% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300944-Mastic *092314072-0044C*	16INCHX16INCH CERAMIC TILE W/GROUT	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300945-Ceramic Tile *092314072-0045*	16INCHX16INCH CERAMIC TILE W/GROUT	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300945-Grout *092314072-0045A*	16INCHX16INCH CERAMIC TILE W/GROUT	Red Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
B2300945-Mortar *092314072-0045B*	16INCHX16INCH CERAMIC TILE W/GROUT	Gray Non-Fibrous Homogeneous		30% Quartz 50% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300945-Mastic *092314072-0045C*	16INCHX16INCH CERAMIC TILE W/GROUT	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300946-Ceramic Tile *092314072-0046*	16INCHX16INCH CERAMIC TILE W/GROUT	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300946-Grout *092314072-0046A*	16INCHX16INCH CERAMIC TILE W/GROUT	Red Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
B2300946-Mortar *092314072-0046B*	16INCHX16INCH CERAMIC TILE W/GROUT	Gray Non-Fibrous Homogeneous		30% Quartz 50% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300946-Mastic *092314072-0046C*	16INCHX16INCH CERAMIC TILE W/GROUT				Insufficient Material
B2300947 *092314072-0047* *Result includes a small amount of inseparable attached material*	BLACK FLOOR MASTIC W/YELLOW GLUE	White/Black/Yellow Non-Fibrous Heterogeneous	5% Cellulose	20% Ca Carbonate 70% Matrix 5% Non-fibrous (Other)	None Detected
B2300948 *092314072-0048* *Result includes a small amount of inseparable attached material*	BLACK FLOOR MASTIC W/YELLOW GLUE	White/Black/Yellow Non-Fibrous Heterogeneous	5% Cellulose	20% Ca Carbonate 70% Matrix 5% Non-fibrous (Other)	None Detected
B2300949 *092314072-0049* *Result includes a small amount of inseparable attached material*	BLACK FLOOR MASTIC W/YELLOW GLUE	White/Black/Yellow Non-Fibrous Heterogeneous	5% Cellulose	20% Ca Carbonate 70% Matrix 5% Non-fibrous (Other)	None Detected
B2300950-Vinyl Floor Tile *092314072-0050*	12X12 CREAM FLOOR TILE W/MASTIC	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300950-Mastic *092314072-0050A*	12X12 CREAM FLOOR TILE W/MASTIC	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300951-Vinyl Floor Tile *092314072-0051*	12X12 CREAM FLOOR TILE W/MASTIC	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300951-Mastic *092314072-0051A*	12X12 CREAM FLOOR TILE W/MASTIC	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300952-Vinyl Floor Tile *092314072-0052*	12X12 CREAM FLOOR TILE W/MASTIC	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300952-Mastic *092314072-0052A*	12X12 CREAM FLOOR TILE W/MASTIC	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300953-Vinyl Floor Tile *092314072-0053*	OFF WHITE FLOOR TILE W/MASTIC	Beige Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300953-Mastic *092314072-0053A* *Result includes a small amount of inseparable attached material*	OFF WHITE FLOOR TILE W/MASTIC	Black/Yellow Non-Fibrous Heterogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300953-Leveler *092314072-0053B*	OFF WHITE FLOOR TILE W/MASTIC	Gray Non-Fibrous Homogeneous		30% Quartz 40% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300954-Vinyl Floor Tile *092314072-0054*	OFF WHITE FLOOR TILE W/MASTIC	Beige Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300954-Mastic *092314072-0054A* *Result includes a small amount of inseparable attached material*	OFF WHITE FLOOR TILE W/MASTIC	Gray/Black/Yellow Non-Fibrous Heterogeneous		5% Quartz 10% Ca Carbonate 80% Matrix 5% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
B2300955-Vinyl Floor Tile *092314072-0055*	OFF WHITE FLOOR TILE W/MASTIC	Beige Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
B2300955-Mastic *092314072-0055A* *Result includes a small amount of inseparable attached material*	OFF WHITE FLOOR TILE W/MASTIC	Gray/Black/Yellow Non-Fibrous Heterogeneous		15% Ca Carbonate 80% Matrix 5% Non-fibrous (Other)	None Detected
B2300956-Ceramic Tile *092314072-0056*	WHITE CERAMIC WALL TILE	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300956-Grout *092314072-0056A*	WHITE CERAMIC WALL TILE	Brown Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
B2300956-Mastic *092314072-0056B*	WHITE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		30% Ca Carbonate 40% Matrix 30% Non-fibrous (Other)	None Detected
B2300957-Ceramic Tile *092314072-0057*	WHITE CERAMIC WALL TILE	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300957-Grout *092314072-0057A*	WHITE CERAMIC WALL TILE	Brown Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
B2300957-Mastic *092314072-0057B*	WHITE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		30% Ca Carbonate 40% Matrix 30% Non-fibrous (Other)	None Detected
B2300958-Ceramic Tile *092314072-0058*	WHITE CERAMIC WALL TILE	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300958-Grout *092314072-0058A*	WHITE CERAMIC WALL TILE	Brown Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
B2300958-Mastic *092314072-0058B*	WHITE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		30% Ca Carbonate 40% Matrix 30% Non-fibrous (Other)	None Detected
B2300959-Ceramic Tile 1 *092314072-0059*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Gray/Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300959-Grout 1 *092314072-0059A*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		20% Quartz 50% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300959-Ceramic Tile 2 *092314072-0059B*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300959-Grout 2 *092314072-0059C*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Brown Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
B2300959-Mastic *092314072-0059D*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300960-Ceramic Tile *092314072-0060*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300960-Grout *092314072-0060A*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Brown Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300960-Mortar *092314072-0060B*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		30% Quartz 50% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300960-Mastic *092314072-0060C*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300961-Ceramic Tile 1 *092314072-0061*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Gray/Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300961-Grout 1 *092314072-0061A*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		20% Quartz 50% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300961-Ceramic Tile 2 *092314072-0061B*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
B2300961-Grout 2 *092314072-0061C* *Result includes a small amount of inseparable attached material*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Brown/Gray Non-Fibrous Homogeneous	4% Cellulose	30% Quartz 50% Ca Carbonate 16% Non-fibrous (Other)	None Detected
B2300961-Mortar *092314072-0061D*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		30% Quartz 50% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300961-Mastic *092314072-0061E*	1INCHX1INCH BEIGE CERAMIC FLOOR TILE	Beige Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300962 *092314072-0062* *Result includes a small amount of inseparable attached material*	WALL STUCCO	White Fibrous Heterogeneous	5% Glass	20% Quartz 40% Ca Carbonate 30% Matrix 5% Non-fibrous (Other)	None Detected
B2300963-Compound *092314072-0063* *Result includes a small amount of inseparable attached material*	ROOFING	White Fibrous Heterogeneous	5% Glass	20% Quartz 40% Ca Carbonate 30% Matrix 5% Non-fibrous (Other)	None Detected
B2300963-Roofing *092314072-0063A*	ROOFING				Layer Not Present
B2300964 *092314072-0064*	2X4 ACOUSTICAL CEILING TILE	Tan Fibrous Homogeneous	40% Cellulose 30% Min. Wool	10% Perlite 20% Non-fibrous (Other)	None Detected
B2300965 *092314072-0065*	2X4 ACOUSTICAL CEILING TILE	Tan Fibrous Homogeneous	40% Cellulose 30% Min. Wool	10% Perlite 20% Non-fibrous (Other)	None Detected
B2300966 *092314072-0066*	2X4 ACOUSTICAL CEILING TILE	Tan Fibrous Homogeneous	40% Cellulose 30% Min. Wool	10% Perlite 20% Non-fibrous (Other)	None Detected
B2300967-Drywall *092314072-0067*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300967-Joint Compound *092314072-0067A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300968-Drywall *092314072-0068*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	3% Glass	80% Gypsum 17% Non-fibrous (Other)	None Detected
B2300968-Joint Compound *092314072-0068A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300969-Drywall *092314072-0069*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	3% Glass	80% Gypsum 17% Non-fibrous (Other)	None Detected
B2300969-Joint Compound *092314072-0069A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300970-Fiberboard *092314072-0070*	FLOOR FIBER BOARD W/BLACK FELT	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
B2300970-Felt *092314072-0070A*	FLOOR FIBER BOARD W/BLACK FELT	Black Fibrous Homogeneous	70% Cellulose	15% Matrix 15% Non-fibrous (Other)	None Detected
B2300970-Mastic *092314072-0070B*	FLOOR FIBER BOARD W/BLACK FELT	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300971-Fiberboard *092314072-0071*	FLOOR FIBER BOARD W/BLACK FELT	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
B2300971-Felt *092314072-0071A*	FLOOR FIBER BOARD W/BLACK FELT	Black Fibrous Homogeneous	70% Cellulose	15% Matrix 15% Non-fibrous (Other)	None Detected
B2300971-Mastic *092314072-0071B*	FLOOR FIBER BOARD W/BLACK FELT	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300972-Fiberboard *092314072-0072*	FLOOR FIBER BOARD W/BLACK FELT	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
B2300972-Felt *092314072-0072A*	FLOOR FIBER BOARD W/BLACK FELT	Black Fibrous Homogeneous	70% Cellulose	15% Matrix 15% Non-fibrous (Other)	None Detected
B2300972-Mastic *092314072-0072B*	FLOOR FIBER BOARD W/BLACK FELT	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300973-Gypsum Board *092314072-0073*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300973-Joint Compound *092314072-0073A*	GYPBOARD CEILING				Insufficient Material
B2300974 *092314072-0074*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300975-Gypsum Board *092314072-0075*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300975-Joint Compound *092314072-0075A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B2300976-Shingle *092314072-0076*	ROOFING	Black Fibrous Homogeneous	10% Glass	5% Quartz 15% Ca Carbonate 50% Matrix 20% Non-fibrous (Other)	None Detected
B2300976-Felt *092314072-0076A*	ROOFING	Black Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
B2300977-Drywall *092314072-0077*	DRYWALL CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300977-Joint Compound *092314072-0077A*	DRYWALL CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300978-Drywall *092314072-0078*	DRYWALL CEILING SYSTEM	White Non-Fibrous Homogeneous	2% Cellulose 3% Glass	80% Gypsum 15% Non-fibrous (Other)	None Detected
B2300978-Joint Compound *092314072-0078A*	DRYWALL CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300979-Drywall *092314072-0079*	DRYWALL CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300979-Joint Compound *092314072-0079A*	DRYWALL CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300980-Drywall *092314072-0080*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300980-Joint Compound *092314072-0080A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300981-Drywall *092314072-0081*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300981-Joint Compound *092314072-0081A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300982-Drywall *092314072-0082*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300982-Joint Compound *092314072-0082A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300983 *092314072-0083*	ROOFING	Black Fibrous Homogeneous	10% Glass	5% Quartz 15% Ca Carbonate 50% Matrix 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300984-Drywall *092314072-0084*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300984-Joint Compound *092314072-0084A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300985 *092314072-0085*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300986-Drywall *092314072-0086*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	3% Glass	80% Gypsum 17% Non-fibrous (Other)	None Detected
B2300986-Joint Compound *092314072-0086A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300987 *092314072-0087*	WINDOW GLAZING	Beige Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300988 *092314072-0088*	WINDOW GLAZING	Beige Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300989 *092314072-0089*	WINDOW GLAZING	Beige Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B2300990 *092314072-0090*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300991 *092314072-0091*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300992 *092314072-0092*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B2300993 *092314072-0093*	2X4 ACOUSTICAL CEILING TILE	Gray Fibrous Homogeneous	40% Cellulose 30% Min. Wool	30% Non-fibrous (Other)	None Detected
B2300994 *092314072-0094*	2X4 ACOUSTICAL CEILING TILE	Gray Fibrous Homogeneous	40% Cellulose 30% Min. Wool	30% Non-fibrous (Other)	None Detected
B2300995 *092314072-0095*	2X4 ACOUSTICAL CEILING TILE	Gray Fibrous Homogeneous	40% Cellulose 30% Min. Wool	30% Non-fibrous (Other)	None Detected
B2300996-Cove Base *092314072-0096*	BLACK COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
B2300996-Mastic *092314072-0096A*	BLACK COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300997-Cove Base *092314072-0097*	BLACK COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
B2300997-Mastic *092314072-0097A*	BLACK COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B2300998-Cove Base *092314072-0098*	BLACK COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
B2300998-Mastic *092314072-0098A*	BLACK COVE BASE W/MASTIC	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B2300999 *092314072-0099*	BLACK SINK UNDERCOATING	White/Black Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
B23009100 *092314072-0100*	BLACK SINK UNDERCOATING				Positive Stop (Not Analyzed)
B23009101 *092314072-0101*	BLACK SINK UNDERCOATING				Positive Stop (Not Analyzed)
B23009102 *092314072-0102*	SILVER PAINT				Insufficient Material
B23009103 *092314072-0103*	GRAY/BLACK CAULKING SEALANT	Gray/Black Non-Fibrous Homogeneous		80% Matrix 17% Non-fibrous (Other)	3% Chrysotile
B23009104-Floor Tile *092314072-0104*	MULTI-COLOR FLOOR TILE W/MASTIC	Red Non-Fibrous Homogeneous		5% Quartz 15% Ca Carbonate 50% Matrix 26% Non-fibrous (Other)	4% Chrysotile
B23009104-Mastic *092314072-0104A* *Result includes a small amount of inseparable attached material*	MULTI-COLOR FLOOR TILE W/MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 17% Non-fibrous (Other)	3% Chrysotile
B23009105 *092314072-0105*	MULTI-COLOR FLOOR TILE W/MASTIC				Positive Stop (Not Analyzed)
B23009106 *092314072-0106*	MULTI-COLOR FLOOR TILE W/MASTIC				Positive Stop (Not Analyzed)
B23009107 *092314072-0107*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
B23009108 *092314072-0108*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
B23009109 *092314072-0109*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
B23009110-Floor Tile *092314072-0110*	MULTI-COLOR 9X9 FLOOR TILE W/MASTIC	Red Non-Fibrous Homogeneous		5% Quartz 10% Ca Carbonate 60% Matrix 22% Non-fibrous (Other)	3% Chrysotile
B23009110-Mastic *092314072-0110A* *Result includes a small amount of inseparable attached material*	MULTI-COLOR 9X9 FLOOR TILE W/MASTIC	Black Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
B23009111 *092314072-0111*	MULTI-COLOR 9X9 FLOOR TILE W/MASTIC				Positive Stop (Not Analyzed)
B23009112 *092314072-0112*	MULTI-COLOR 9X9 FLOOR TILE W/MASTIC				Positive Stop (Not Analyzed)

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B23009113-Floor Tile *092314072-0113*	BROWN 9X9 FLOOR TILE W/MASTIC	Brown Non-Fibrous Homogeneous		5% Quartz 10% Ca Carbonate 60% Matrix 23% Non-fibrous (Other)	2% Chrysotile
B23009113-Mastic *092314072-0113A*	BROWN 9X9 FLOOR TILE W/MASTIC	Various Non-Fibrous Homogeneous		80% Matrix 17% Non-fibrous (Other)	3% Chrysotile
B23009114 *092314072-0114*	BROWN 9X9 FLOOR TILE W/MASTIC				Positive Stop (Not Analyzed)
B23009115 *092314072-0115*	BROWN 9X9 FLOOR TILE W/MASTIC				Positive Stop (Not Analyzed)
B23009116-Drywall *092314072-0116*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009116-Joint Compound *092314072-0116A*	DRYWALL SYSTEM	Tan Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
B23009117 *092314072-0117*	DRYWALL SYSTEM				Positive Stop (Not Analyzed)
B23009118 *092314072-0118*	DRYWALL SYSTEM				Positive Stop (Not Analyzed)
B23009119 *092314072-0119*	2X4 WHITE ACOUSTICAL CEILING TILE	Gray Fibrous Homogeneous	45% Cellulose 10% Min. Wool	15% Perlite 30% Non-fibrous (Other)	None Detected
B23009120 *092314072-0120*	2X4 WHITE ACOUSTICAL CEILING TILE	Gray Fibrous Homogeneous	45% Cellulose 10% Min. Wool	15% Perlite 30% Non-fibrous (Other)	None Detected
B23009121 *092314072-0121*	2X4 WHITE ACOUSTICAL CEILING TILE	Beige Fibrous Homogeneous	65% Cellulose 10% Min. Wool	25% Non-fibrous (Other)	None Detected
B23009122-Ceramic Tile *092314072-0122*	4INCHX4INCH WHITE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
B23009122-Mastic *092314072-0122A*	4INCHX4INCH WHITE CERAMIC WALL TILE	Beige Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
B23009123-Ceramic Tile *092314072-0123*	4INCHX4INCH WHITE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
B23009123-Mastic *092314072-0123A*	4INCHX4INCH WHITE CERAMIC WALL TILE	Beige Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
B23009124-Ceramic Tile *092314072-0124*	4INCHX4INCH WHITE CERAMIC WALL TILE	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
B23009124-Mastic *092314072-0124A*	4INCHX4INCH WHITE CERAMIC WALL TILE	Beige Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B23009125-Ceramic Tile *092314072-0125*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
B23009125-Grout *092314072-0125A*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		50% Quartz 20% Ca Carbonate 30% Non-fibrous (Other)	None Detected
B23009125-Mortar *092314072-0125B*	6INCHX6INCH CERAMIC FLOORING	Gray/White Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009126-Ceramic Tile *092314072-0126*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
B23009126-Grout *092314072-0126A*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		50% Quartz 25% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B23009126-Mortar *092314072-0126B*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009127-Ceramic Tile *092314072-0127*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
B23009127-Grout *092314072-0127A*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		50% Quartz 25% Ca Carbonate 25% Non-fibrous (Other)	None Detected
B23009127-Mortar *092314072-0127B*	6INCHX6INCH CERAMIC FLOORING	Gray Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009128-Drywall *092314072-0128*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009128-Joint Compound *092314072-0128A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009129-Drywall *092314072-0129*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009129-Joint Compound *092314072-0129A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009130-Drywall *092314072-0130*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009130-Joint Compound *092314072-0130A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009131-Gypsum Board *092314072-0131*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009131-Joint Compound *092314072-0131A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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EMSL Order: 092314072
Customer ID: OSHE75
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
B23009132-Gypsum Board *092314072-0132*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009132-Joint Compound *092314072-0132A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009133-Gypsum Board *092314072-0133*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009133-Joint Compound *092314072-0133A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009134-Ceramic Tile *092314072-0134*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Brown/White Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B23009134-Grout *092314072-0134A*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Brown Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009134-Mortar *092314072-0134B*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009135-Ceramic Tile *092314072-0135*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Brown/White Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B23009135-Grout *092314072-0135A*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Brown Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009135-Mortar *092314072-0135B*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009136-Ceramic Tile *092314072-0136*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Brown/White Non-Fibrous Homogeneous		70% Quartz 30% Non-fibrous (Other)	None Detected
B23009136-Grout *092314072-0136A*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Brown Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009136-Mortar *092314072-0136B*	WHITE 16INCHX16INCH CERAMIC FLOOR TILE	Gray Non-Fibrous Homogeneous		40% Quartz 40% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009137-Vinyl Sheet Flooring *092314072-0137* *This is a composite result of both vinyl and backing layer*	BROWN/YELLOWISH SHEET VINYL FLOORING	Brown/Yellow Fibrous Homogeneous	15% Glass	70% Matrix 15% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B23009137-Mastic *092314072-0137A*	BROWN/YELLOWISH SHEET VINYL FLOORING	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B23009138-Vinyl Sheet Flooring *092314072-0138* *This is a composite result of both vinyl and backing layer*	BROWN/YELLOWISH SHEET VINYL FLOORING	Brown Fibrous Homogeneous	15% Glass	70% Matrix 15% Non-fibrous (Other)	None Detected
B23009138-Mastic *092314072-0138A*	BROWN/YELLOWISH SHEET VINYL FLOORING	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B23009139-Vinyl Sheet Flooring *092314072-0139* *This is a composite result of both vinyl and backing layer*	BROWN/YELLOWISH SHEET VINYL FLOORING	Brown Fibrous Homogeneous	15% Glass	70% Matrix 15% Non-fibrous (Other)	None Detected
B23009139-Mastic *092314072-0139A*	BROWN/YELLOWISH SHEET VINYL FLOORING	Brown Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
B23009140-Drywall *092314072-0140*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009140-Joint Compound *092314072-0140A*	DRYWALL SYSTEM	Gray/White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009141-Drywall *092314072-0141*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009141-Joint Compound *092314072-0141A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009142 *092314072-0142*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009143-Gypsum Board *092314072-0143*	GYPBOARD CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009143-Joint Compound *092314072-0143A*	GYPBOARD CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009144 *092314072-0144*	GYPBOARD CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009145-Gypsum Board *092314072-0145*	GYPBOARD CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009145-Joint Compound *092314072-0145A*	GYPBOARD CEILING SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009146 *092314072-0146*	BLACK ROOF PATCH SEALANT	Black Non-Fibrous Homogeneous		80% Matrix 14% Non-fibrous (Other)	6% Chrysotile

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B23009147-Drywall *092314072-0147*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009147-Joint Compound *092314072-0147A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009148-Drywall *092314072-0148*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009148-Joint Compound *092314072-0148A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009149-Drywall *092314072-0149*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009149-Joint Compound *092314072-0149A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009150-Gypsum Board *092314072-0150*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009150-Joint Compound *092314072-0150A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009151-Gypsum Board *092314072-0151*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009151-Joint Compound *092314072-0151A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009152-Gypsum Board *092314072-0152*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009152-Joint Compound *092314072-0152A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009153-Drywall *092314072-0153*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009153-Joint Compound *092314072-0153A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009154-Drywall *092314072-0154*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
B23009154-Joint Compound *092314072-0154A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B23009155-Drywall *092314072-0155*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009155-Joint Compound *092314072-0155A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009156-Gypsum Board *092314072-0156*	GYPBOARD CEILING	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
B23009156-Joint Compound *092314072-0156A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009157-Gypsum *092314072-0157*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009157-Joint Compound *092314072-0157A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009158-Gypsum Board *092314072-0158*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009158-Joint Compound *092314072-0158A*	GYPBOARD CEILING	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009159 *092314072-0159*	BLACK CAULKING SEALANT	Black Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
B23009160-Drywall *092314072-0160*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009160-Joint Compound *092314072-0160A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009161-Drywall *092314072-0161*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009161-Joint Compound *092314072-0161A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009162-Drywall *092314072-0162*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
B23009162-Joint Compound *092314072-0162A*	DRYWALL SYSTEM	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
B23009163 *092314072-0163*	ROOF COATINGS	Silver Non-Fibrous Homogeneous		80% Matrix 16% Non-fibrous (Other)	4% Chrysotile

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
B23009164-Silver Paint *092314072-0164*	UH WAREHOUSE & R&D OFFICE WAREHOUSE ROOFS	Silver Non-Fibrous Homogeneous		80% Matrix 15% Non-fibrous (Other)	5% Chrysotile
B23009164-Roofing *092314072-0164A*	UH WAREHOUSE & R&D OFFICE WAREHOUSE ROOFS	Gray/Black Fibrous Homogeneous		20% Matrix 15% Non-fibrous (Other)	65% Chrysotile
B23009164-Paper *092314072-0164B*	UH WAREHOUSE & R&D OFFICE WAREHOUSE ROOFS	White Fibrous Homogeneous		50% Non-fibrous (Other)	50% Chrysotile
B23009165-Silver Paint *092314072-0165*	EQUIPMENT STORAGE & O/D TIRE SHOP ROOFS	Silver Non-Fibrous Homogeneous		80% Matrix 14% Non-fibrous (Other)	6% Chrysotile
B23009165-Roofing *092314072-0165A*	EQUIPMENT STORAGE & O/D TIRE SHOP ROOFS	Gray/Black Fibrous Homogeneous		20% Matrix 15% Non-fibrous (Other)	65% Chrysotile
B23009166-Silver Paint *092314072-0166*	VEHICLE REPAIR & FAB SHOP ROOF	Silver Non-Fibrous Homogeneous		80% Matrix 16% Non-fibrous (Other)	4% Chrysotile
B23009166-Roofing *092314072-0166A*	VEHICLE REPAIR & FAB SHOP ROOF	Brown Fibrous Homogeneous		30% Matrix 30% Non-fibrous (Other)	40% Chrysotile
B23009167-Silver Paint *092314072-0167*	NURSERY EQUIPMENT STORAGE ROOF	Silver Non-Fibrous Homogeneous		80% Matrix 17% Non-fibrous (Other)	3% Chrysotile
B23009167-Roofing *092314072-0167A*	NURSERY EQUIPMENT STORAGE ROOF	Brown/Gray Fibrous Homogeneous		30% Matrix 30% Non-fibrous (Other)	40% Chrysotile
B23009168 *092314072-0168*	HEAVY EQUIPMENT STORAGE ROOF	Silver Non-Fibrous Homogeneous		70% Matrix 26% Non-fibrous (Other)	4% Chrysotile
B23009169 *092314072-0169*	EQUIPMENT STORAGE WINDOW CAULKING	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 28% Non-fibrous (Other)	2% Chrysotile
B23009170 *092314072-0170*	VEHICLE REPAIR & FAB SHOP WINDOW CAULKING	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 28% Non-fibrous (Other)	2% Chrysotile

Analyst(s)

Gavin Lee (45)
Jon Abdon (89)
Stacy Trinh Le (116)
Xeena Paul (76)

Cecilia Yu, Laboratory Manager
or Other Approved Signatory

Initial report from: 07/01/2023 17:14:49

OrderID: 092314072

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only: 092314072

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE (800) 220-3675
EMAIL

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information		Billing Information	
Customer ID:	OSHE23009	Billing ID:	OSHE23009
Company Name:	OSHE Group LLC.	Company Name:	OSHE Group LLC.
Contact Name:	Arther Clayton	Billing Contact:	Arther Clayton
Street Address:	1009 Kapiolani Blvd. Unit 3211	Street Address:	PO Box 1832
City, State, Zip:	Honolulu	Country: US	City, State, Zip: Honolulu, Hi 96805 Country: US
Phone:	808-861-6422		Phone: 808-861-6422
Email(s) for Report:	oshe.jc@gmail.com		Email(s) for Invoice: oshe.jc@gmail.com

Project Information

Project Name/No.: Central Oahu Agriculture & Food Hub — Purchase Order:

EMSL LIMS Project ID: (If applicable EMSL will provide) — US State where samples collected: Hi — State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Sampled By Name: Arther Clayton — Sampled By Signature: — No. of Samples in Shipment:

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 4-4.5 Hour AHERA ONLY ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☑ 1 Week ☐ 2 Week

TEM Air 3-6 Hour, please call ahead to schedule. 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.

Test Selection

PCM Air
- ☐ NIOSH 7400
- ☐ NIOSH 7400 w/ 8hr TWA

PLM - Bulk (reporting limit)
- ☑ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198.1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Air
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312*

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (Non-Friable-NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Test (please specify)

TEM - Settled Dust
- ☐ Microvac - ASTM D5755
- ☐ Wipe - ASTM D6480
- ☐ Qualitative via Filtration Prep
- ☐ Qualitative via Drop Mount Prep

Soil - Rock - Vermiculite (reporting limit)*
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.25%)
- ☐ PLM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<0.1%)
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep

*Please call with your project-specific requirements.

☑ Positive Stop - Clearly Identified Homogeneous Areas (HA) — Filter Pore Size (Air Samples): ☐ 0.8um ☐ 0.45um

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B2300901	Multi-Layer Painted Coatings	N/A	6/8 to 6/13
B2300902	Multi-Layer Painted Coatings		
B2300903	Multi-Layer Painted Coatings		
B2300904	Window Glazing		
B2300905	Window Glazing		
B2300906	Window Glazing		
B2300907	Ceramic Wall Tile W/Grout		
B2300908	Ceramic Wall Tile W/Grout		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment: — Sample Condition Upon Receipt:

Relinquished by: Arther Clayton	Date/Time: 06/26/23	Received by: JM EFX	Date/Time: 06/27/2023-0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

☑ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

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Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

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EMAIL CinnAsblab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B2300909	Ceramic Wall Tile W/Grout	N/A	6/8 to 6/13
B2300910	Drywall System	↓	↓
B2300911	Drywall System		
B2300912	Drywall System		
B2300913	Gypboard Ceiling		
B2300914	Gypboard Ceiling		
B2300915	Gypboard Ceiling		
B2300916	12x12 Gray Floor Tile W/Mastic		
B2300917	12x12 Gray Floor Tile W/Mastic		
B2300918	12x12 Gray Floor Tile W/Mastic		
B2300919	Black Cove Base W/Mastic		
B2300920	Black Cove Base W/Mastic		
B2300921	Black Cove Base W/Mastic		
B2300922	8inchx8inch Ceramic Flooring		
B2300923	8inchx8inch Ceramic Flooring		
B2300924	8inchx8inch Ceramic Flooring		
B2300925	4inchx4inch Beige Ceramic Wall Tile		
B2300926	4inchx4inch Beige Ceramic Wall Tile		
B2300927	4inchx4inch Beige Ceramic Wall Tile		
B2300928	12x12 Pinhole Pattern Canec Ceiling Tile W/Mastic		
B2300929	12x12 Pinhole Pattern Canec Ceiling Tile W/Mastic		
B2300930	12x12 Pinhole Pattern Canec Ceiling Tile W/Mastic		
B2300931	Multi-Layer Flooring		
B2300932	Multi-Layer Flooring		
B2300933	Multi-Layer Flooring	↓	↓

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Arther Clayton	Date/Time: 06/26/23	Received by: Jm E(X)	Date/Time: 06272023-0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

☑ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

OrderID: 092314072

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

092314072

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE (800) 220-3675
EMAIL. CinnAsblab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B2300934	Roofing	N/A	6/8 to 6/13
B2300935	Drywall System		
B2300936	Drywall System		
B2300937	Drywall System		
B2300938	2x4 Acoustical Ceiling Tile		
B2300939	2x4 Acoustical Ceiling Tile		
B2300940	2x4 Acoustical Ceiling Tile		
B2300941	Brown Cove Base W/Mastic		
B2300942	Brown Cove Base W/Mastic		
B2300943	Brown Cove Base W/Mastic		
B2300944	16inchx16inch Ceramic Tile W/Grout		
B2300945	16inchx16inch Ceramic Tile W/Grout		
B2300946	16inchx16inch Ceramic Tile W/Grout		
B2300947	Black Floor Mastic W/Yellow Glue		
B2300948	Black Floor Mastic W/Yellow Glue		
B2300949	Black Floor Mastic W/Yellow Glue		
B2300950	12x12 Cream Floor Tile W/Mastic		
B2300951	12x12 Cream Floor Tile W/Mastic		
B2300952	12x12 Cream Floor Tile W/Mastic		
B2300953	Off White Floor Tile W/Mastic		
B2300954	Off White Floor Tile W/Mastic		
B2300955	Off White Floor Tile W/Mastic		
B2300956	White Ceramic Wall Tile		
B2300957	White Ceramic Wall Tile		
B2300958	White Ceramic Wall Tile		

Method of Shipment:		Sample Condition Upon Receipt	
Relinquished by: Arther Clayton	Date/Time: 06/23/23	Received by: JM EPX	Date/Time: 06/27/2023-0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

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OrderID: 092314072

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

092314072

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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B2300959	1inchx1inch Beige Ceramic floor Tile	N/A	6/8 to 6/13
B2300960	1inchx1inch Beige Ceramic floor Tile		
B2300961	1inchx1inch Beige Ceramic floor Tile		
B2300962	Wall Stucco		
B2300963	Roofing		
B2300964	2x4 Acoustical Ceiling Tile		
B2300965	2x4 Acoustical Ceiling Tile		
B2300966	2x4 Acoustical Ceiling Tile		
B2300967	Drywall System		
B2300968	Drywall System		
B2300969	Drywall System		
B2300970	Floor Fiber Board W/Black Felt		
B2300971	Floor Fiber Board W/Black Felt		
B2300972	Floor Fiber Board W/Black Felt		
B2300973	Gypboard Ceiling		
B2300974	Gypboard Ceiling		
B2300975	Gypboard Ceiling		
B2300976	Roofing		
B2300977	Drywall Ceiling System		
B2300978	Drywall Ceiling System		
B2300979	Drywall Ceiling System		
B2300980	Drywall System		
B2300981	Drywall System		
B2300982	Drywall System		
B2300983	Roofing		

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by: Arther Clayton	Date/Time: 06/23/23	Received by: JM FEX D	Date/Time: 06/27/2023-0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R4 | 05/05/2021

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OrderID: 092314072

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

EMSL Order Number / Lab Use Only

092314072

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE (800) 220-3675
EMAIL CinnAsblab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B2300984	Drywall System	N/A	6/8 to 6/13
B2300985	Drywall System		
B2300986	Drywall System		
B2300987	Window Glazing		
B2300988	Window Glazing		
B2300989	Window Glazing		
B2300990	Drywall System		
B2300991	Drywall System		
B2300992	Drywall System		
B2300993	2x4 Acoustical Ceiling Tile		
B2300994	2x4 Acoustical Ceiling Tile		
B2300995	2x4 Acoustical Ceiling Tile		
B2300996	Black Cove Base W/Mastic		
B2300997	Black Cove Base W/Mastic		
B2300998	Black Cove Base W/Mastic		
B2300999	Black Sink Undercoating		
B23009100	Black Sink Undercoating		
B23009101	Black Sink Undercoating		
B23009102	Silver Paint		
B23009103	Gray/Black Caulking Sealant		
B23009104	Multi-Color Floor Tile W/Mastic		
B23009105	Multi-Color Floor Tile W/Mastic		
B23009106	Multi-Color Floor Tile W/Mastic		
B23009107	Drywall System		
B23009108	Drywall System		

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Arther Clayton	Date/Time: 06/2[illegible]/23	Received by: JM EFX @	Date/Time: 06/27/2023-0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document [illegible] R16 10/26/2021

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EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

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092314072

EMSL Analytical, Inc.
200 Route 130 North
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EMAIL CinnAsblab@EMSL.com

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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B23009109	Drywall System	N/A	6/8 to 6/13
B23009110	Multi-Color 9x9 Floor Tile W/Mastic		
B23009111	Multi-Color 9x9 Floor Tile W/Mastic		
B23009112	Multi-Color 9x9 Floor Tile W/Mastic		
B23009113	Brown 9x9 Floor Tile W/Mastic		
B23009114	Brown 9x9 Floor Tile W/Mastic		
B23009115	Brown 9x9 Floor Tile W/Mastic		
B23009116	Drywall System		
B23009117	Drywall System		
B23009118	Drywall System		
B23009119	2x4 White Acoustical Ceiling Tile		
B23009120	2x4 White Acoustical Ceiling Tile		
B23009121	2x4 White Acoustical Ceiling Tile		
B23009122	4inchx4inch White Ceramic Wall Tile		
B23009123	4inchx4inch White Ceramic Wall Tile		
B23009124	4inchx4inch White Ceramic Wall Tile		
B23009125	6inchx6inch Ceramic Flooring		
B23009126	6inchx6inch Ceramic Flooring		
B23009127	6inchx6inch Ceramic Flooring		
B23009128	Drywall System		
B23009129	Drywall System		
B23009130	Drywall System		
B23009131	Gypboard Ceiling		
B23009132	Gypboard Ceiling		
B23009133	Gypboard Ceiling		

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by: Arther Clayton	Date/Time: 06/27/23	Received by: JM FEX	Date/Time: 06 27 23 - 0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

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OrderID: 092314072

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

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200 Route 130 North
Cinnaminson, NJ 08077

PHONE (800) 220-3675
EMAIL CinnAsblab@EMSL.com

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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B23009134	White 16inchx16inch Ceramic Floor Tile	N/A	6/8 to 6/13
B23009135	White 16inchx16inch Ceramic Floor Tile		
B23009136	White 16inchx16inch Ceramic Floor Tile		
B23009137	Brown/Yellowish Sheet Vinyl Flooring		
B23009138	Brown/Yellowish Sheet Vinyl Flooring		
B23009139	Brown/Yellowish Sheet Vinyl Flooring		
B23009140	Drywall System		
B23009141	Drywall System		
B23009142	Drywall System		
B23009143	Gypboard Ceiling System		
B23009144	Gypboard Ceiling System		
B23009145	Gypboard Ceiling System		
B23009146	Black Roof Patch Sealant		
B23009147	Drywall System		
B23009148	Drywall System		
B23009149	Drywall System		
B23009150	Gypboard Ceiling		
B23009151	Gypboard Ceiling		
B23009152	Gypboard Ceiling		
B23009153	Drywall System		
B23009154	Drywall System		
B23009155	Drywall System		
B23009156	Gypboard Ceiling		
B23009157	Gypboard Ceiling		
B23009158	Gypboard Ceiling		

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by Arther Clayton	Date/Time 06/23/23	Received by JM EFX	Date/Time 06/27/23 0900
Relinquished by	Date/Time	Received by	Date/Time

Controlled Document - COC-05 Asbestos R16 10/26/2021

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EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Asbestos Chain of Custody (Air, Bulk, Soil)

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Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnAsblab@EMSL.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location / Description	Volume, Area or Homogeneous Area	Date / Time Sampled (Air Monitoring Only)
B23009159	Black Caulking Sealant	N/A	6/8 to 6/13
B23009160	Drywall System		
B23009161	Drywall System		
B23009162	Drywall System		
B23009163	Roof Coatings ~~[illegible]~~ warehouse		
B23009164	VH Warehouse & R&O Office Roofs		
B23009165	Equipment Storage & 010 Tire Shop Roofs		
B23009166	Vehicle Repair & Fab Shop Roof		
B23009167	Nursery Equipment Storage Roof		
B23009168	Heavy Equipment Storage Roof		
B23009169	Equipment Storage ~~[illegible]~~ Window Caulking		
B23009170	Vehicle Repair & Fab Shop Window Caulking		

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by: Arther Clayton	Date/Time: 06/26/23	Received by: JM EFX	Date/Time: 06272023-0900
Relinquished by: [signature]	Date/Time:	Received by:	Date/Time:

Controlled Document - COC-05 Asbestos R16 10/26/2021

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SECTION B

LEAD PAINT LABORATORY REPORT

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com sanleandrolab@emsl.com

EMSL Order:	092314472
CustomerID:	OSHE75
CustomerPO:	
ProjectID:	

Attn: **Arther Clayton**
OSHE Group LLC
PO Box 1832
Honolulu, HI 96805-1832

Phone: (808) 861-6422
Fax:
Received: 6/27/2023 09:00 AM
Collected:

Project: **CENTRAL OAHU AGRICULTURE & FOOD HUB**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Weight*	*Lead Concentration*
LP2300901	*092314472-0001*		7/3/2023	0.2904 g	150 ppm
	Site: TRUCK SHED				
LP2300902	*092314472-0002*		7/3/2023	0.2649 g	<80 ppm
	Site: FIELD OFFICE INTERIOR				
LP2300903	*092314472-0003*		7/3/2023	0.265 g	<80 ppm
	Site: FIELD OFFICE EXTERIOR				
LP2300904	*092314472-0004*		7/3/2023	0.2626 g	<80 ppm
	Site: FIELD OFFICE WINDOWS				
LP2300905	*092314472-0005*		7/3/2023	0.2642 g	14000 ppm
	Site: FIELD OFFICE EAVES				
LP2300906	*092314472-0006*		7/3/2023	0.2514 g	<80 ppm
	Site: MAIN OFFICE INTERIOR				
LP2300907	*092314472-0007*		7/3/2023	0.2787 g	50000 ppm
	Site: CONFERENCE / KITCHEN INTERIOR				
LP2300908	*092314472-0008*		7/3/2023	0.2652 g	110 ppm
	Site: CONFERENCE / KITCHEN EXTERIOR				
LP2300909	*092314472-0009*		7/3/2023	0.2616 g	2700 ppm
	Site: RES. 2 STORAGE INTERIOR				
LP2300910	*092314472-0010*		7/3/2023	0.2504 g	7600 ppm
	Site: RES. 2 STORAGE EXTERIOR				
LP2300911	*092314472-0011*		7/3/2023	0.2893 g	24000 ppm
	Site: RES. 2 STORAGE WINDOWS				
LP2300912	*092314472-0012*		7/3/2023	0.262 g	<80 ppm
	Site: UH WAREHOUSE INTERIOR				
LP2300913	*092314472-0013*		7/3/2023	0.2594 g	84 ppm
	Site: UH WAREHOUSE EXTERIOR				
LP2300914	*092314472-0014*		7/3/2023	0.2655 g	230 ppm
	Site: EQUIPMENT STORAGE INTERIOR				
LP2300915	*092314472-0015*		7/3/2023	0.2552 g	330 ppm
	Site: EQUIPMENT STORAGE EXTERIOR				

Cecilia Yu, Laboratory Manager
or other approved signatory

* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc San Leandro, CA AIHA LAP, LLC-ELLAP Accredited #101748

Initial report from 07/03/2023 14:07:06

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com sanleandrolab@emsl.com

EMSL Order:	092314472
CustomerID:	OSHE75
CustomerPO:	
ProjectID:	

Attn: **Arther Clayton**
OSHE Group LLC
PO Box 1832
Honolulu, HI 96805-1832

Phone: (808) 861-6422
Fax:
Received: 6/27/2023 09:00 AM
Collected:

Project: **CENTRAL OAHU AGRICULTURE & FOOD HUB**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Weight*	*Lead Concentration*
LP2300916	*092314472-0016*		7/3/2023	0.2572 g	5200 ppm
	Site: OLD TIRE SHOP INTERIOR				
LP2300917	*092314472-0017*		7/3/2023	0.2523 g	2000 ppm
	Site: OLD TIRE SHOP EXTERIOR				
LP2300918	*092314472-0018*		7/3/2023	0.2804 g	980 ppm
	Site: VEHICLE REPAIR & FAB SHOP INTERIOR				
LP2300919	*092314472-0019*		7/3/2023	0.2707 g	<80 ppm
	Site: VEHICLE REPAIR & FAB SHOP EXTERIOR				
LP2300920	*092314472-0020*		7/3/2023	0.2571 g	230 ppm
	Site: R&D OFFICE				
LP2300921	*092314472-0021*		7/3/2023	0.2502 g	31000 ppm
	Site: QUONSET HUT #1 INTERIOR				
LP2300922	*092314472-0022*		7/3/2023	0.2857 g	800 ppm
	Site: QUONSET HUT #1 EXTERIOR				
LP2300923	*092314472-0023*		7/3/2023	0.264 g	80 ppm
	Site: NURSERY EQUIPMENT STORAGE INTERIOR				
LP2300924	*092314472-0024*		7/3/2023	0.1372 g	<150 ppm
	Site: NURSERY EQUIPMENT STORAGE EXTERIOR				
LP2300925	*092314472-0025*		7/3/2023	0.2579 g	12000 ppm
	Site: QUONSET HUT #2 INTERIOR				
LP2300926	*092314472-0026*		7/3/2023	0.277 g	15000 ppm
	Site: QUONSET HUT #2 EXTERIOR				
LP2300927	*092314472-0027*		7/3/2023	0.2556 g	85 ppm
	Site: HEAVY EQUIPMENT REPAIR EXTERIOR				
LP2300928	*092314472-0028*		7/3/2023	0.2782 g	<80 ppm
	Site: HEAVY EQUIPMENT REPAIR INTERIOR				
LP2300929	*092314472-0029*		7/3/2023	0.2599 g	<80 ppm
	Site: HEAVY EQUIPMENT REPAIR ROOF PANELS				
LP2300930	*092314472-0030*		7/3/2023	0.2596 g	870 ppm
	Site: HEAVY EQUIPMENT REPAIR EXT. FRAMING				

Cecilia Yu, Laboratory Manager
or other approved signatory

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* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc San Leandro, CA AIHA LAP, LLC-ELLAP Accredited #101748

Initial report from 07/03/2023 14:07:06

EMSL Analytical, Inc
464 McCormick Street, San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
http://www.EMSL.com sanleandrolab@emsl.com

EMSL Order:	092314472
CustomerID:	OSHE75
CustomerPO:	
ProjectID:	

Attn: **Arther Clayton**
OSHE Group LLC
PO Box 1832
Honolulu, HI 96805-1832

Phone:	(808) 861-6422
Fax:	
Received:	6/27/2023 09:00 AM
Collected:	

Project: **CENTRAL OAHU AGRICULTURE & FOOD HUB**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Weight*	*Lead Concentration*
LP2300931	*092314472-0031*		7/3/2023	0.2761 g	2000 ppm
	Site: UH WAREHOUSE ROOF				
LP2300932	*092314472-0032*		7/3/2023	0.2531 g	530 ppm
	Site: R&D HOUSE WAREHOUSE				
LP2300933	*092314472-0033*		7/3/2023	0.2884 g	17000 ppm
	Site: EQUIPMENT STORAGE 4 TIRE SHOP ROOF				
LP2300934	*092314472-0034*		7/3/2023	0.2699 g	13000 ppm
	Site: VEHICLE REPAIR & FAB SHOP ROOF				
LP2300935	*092314472-0035*		7/3/2023	0.2656 g	16000 ppm
	Site: NURSERY EQUIPMENT REPAIR STORAGE ROOFS				

Cecilia Yu, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.
* Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.008% wt based on the minimum sample weight per our SOP. "<" (less than) result signifies the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc San Leandro, CA AIHA LAP, LLC-ELLAP Accredited #101748

Initial report from 07/03/2023 14:07:06

OrderID: 092314472

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

0923 14472

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information		Billing Information	
Customer ID: OSHE23009		Billing ID: OSHE23009	
Company Name: OSHE GROUP LLC		Company Name: OSHE GROUP LLC	
Contact Name: ARTHER CLAYTON		Billing Contact: ARTHER CLAYTON	
Street Address: 1009 KAPIOLANI BLVD UNIT#3211		Street Address: PO BOX 1832	
City, State, Zip: HONOLULU, HI 96814	Country: US	City, State, Zip: HONOLULU, HI 96805	Country: US
Phone: 808-861-6422		Phone: 808-861-6422	
Email(s) for Report: OSHE.JC@GMAIL.COM		Email(s) for Invoice: OSHE.JC@GMAIL.COM	

Project Information

Project Name/No: CENTRAL OAHU AGRICULTURE & FOOD HUB

Purchase Order:

EMSL LIMS Project ID (if applicable, EMSL will provide):

US State where samples collected: HI

State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Sampled By Name:

Sampled By Signature:

No. of Samples in Shipment:

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☑ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 8 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☑ ppm (mg/kg) ☐ mg/cm² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☑
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater Unpreserved ☐ Preserved with HNO3 ☐ PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water Unpreserved ☐ Preserved with HNO3 ☐ PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
LP2300901	TRUCK SHED	N/A	6/8 TO 6/13
LP2300902	FIELD OFFICE INTERIOR		
LP2300903	FIELD OFFICE EXTERIOR		
LP2300904	FIELD OFFICE WINDOWS		
LP2300905	FIELD OFFICE EAVES		

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by: ARTHER CLAYTON — Date/Time: 6/24/23

Received by: JM FEDEX — 0627 2023-0900

Relinquished by: — Date/Time:

Received by: — Date/Time:

Controlled Document - COC-25 Lead R17 05/06/2022

*6010C Available Upon Request

☑ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Page 1 of 3

OrderID: 092314472

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

092314472

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE (800) 220-3675
EMAIL CinnaminsonLeadLab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
LP2300906	MAIN OFFICE INTERIOR	N/A	6/8 TO 6/13
LP2300907	CONFERENCE/KITCHEN INTERIOR		
LP2300908	CONFERENCE/KITCHEN EXTERIOR		
LP2300909	RES. 2 STORAGE INTERIOR		
LP2300910	RES. 2 STORAGE EXTERIOR		
LP2300911	RES. 2 STORAGE WINDOWS		
LP2300912	UH WAREHOUSE INTERIOR		
LP2300913	UH WAREHOUSE EXTERIOR		
LP2300914	EQUIPMENT STORAGE INTERIOR		
LP2300915	EQUIPMENT STORAGE EXTERIOR		
LP2300916	OLD TIRE SHOP INTERIOR		
LP2300917	OLD TIRE SHOP EXTERIOR		
LP2300918	VEHICLE REPAIR & FAB SHOP INTERIOR		
LP2300919	VEHICLE REPAIR & FAB SHOP EXTERIOR		
LP2300920	R&D OFFICE		
LP2300921	QUONSET HUT #1 INTERIOR		
LP2300922	QUONSET HUT #1 EXTERIOR		
LP2300923	NURSERY EQUIPMENT STORAGE INTERIOR		
LP2300924	NURSERY EQUIPMENT STORAGE EXTERIOR		
LP2300925	QUONSET HUT#2 INTERIOR		
LP2300926	QUONSET HUT#2 EXTERIOR		
LP2300927	HEAVEY EQUIPMENT REPAIR EXTERIOR		
LP2300928	HEAVEY EQUIPMENT REPAIR INTERIOR		
LP2300929	HEAVEY EQUIPMENT REPAIR ROOF PANELS		
LP2300930	HEAVEY EQUIPMENT REPAIR EXT. FRAMING		

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by ARTHER CLAYTON	Date/Time 6/14/23	Received by JM FEDEX (3)	Date/Time 06272023-0900
Relinquished by	Date/Time	Received by	Date/Time

Controlled Document - COC-25 Lead R17 05/09/2022

☑ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

OrderID: 092314472

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

092314472

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
LP2300931	UH Warehouse Roof	N/A	6/8 TO 6/13
LP2300932	RBO office Warehouse		
LP2300933	Equipment Storage & Tire Shop Roof		
LP2300934	Vehicle Repair & Fab Shop Roof		
LP2300935	Nursery Equipment Repair ~~Roof~~ & Storage Roofs		

Method of Shipment		Sample Condition Upon Receipt	
Relinquished by: ARTHER CLAYTON	Date/Time: 6/26/23	Received by: JM EFX (2)	Date/Time: 06272023-0900
Relinquished by:	Date/Time:	Received by:	Date/Time:

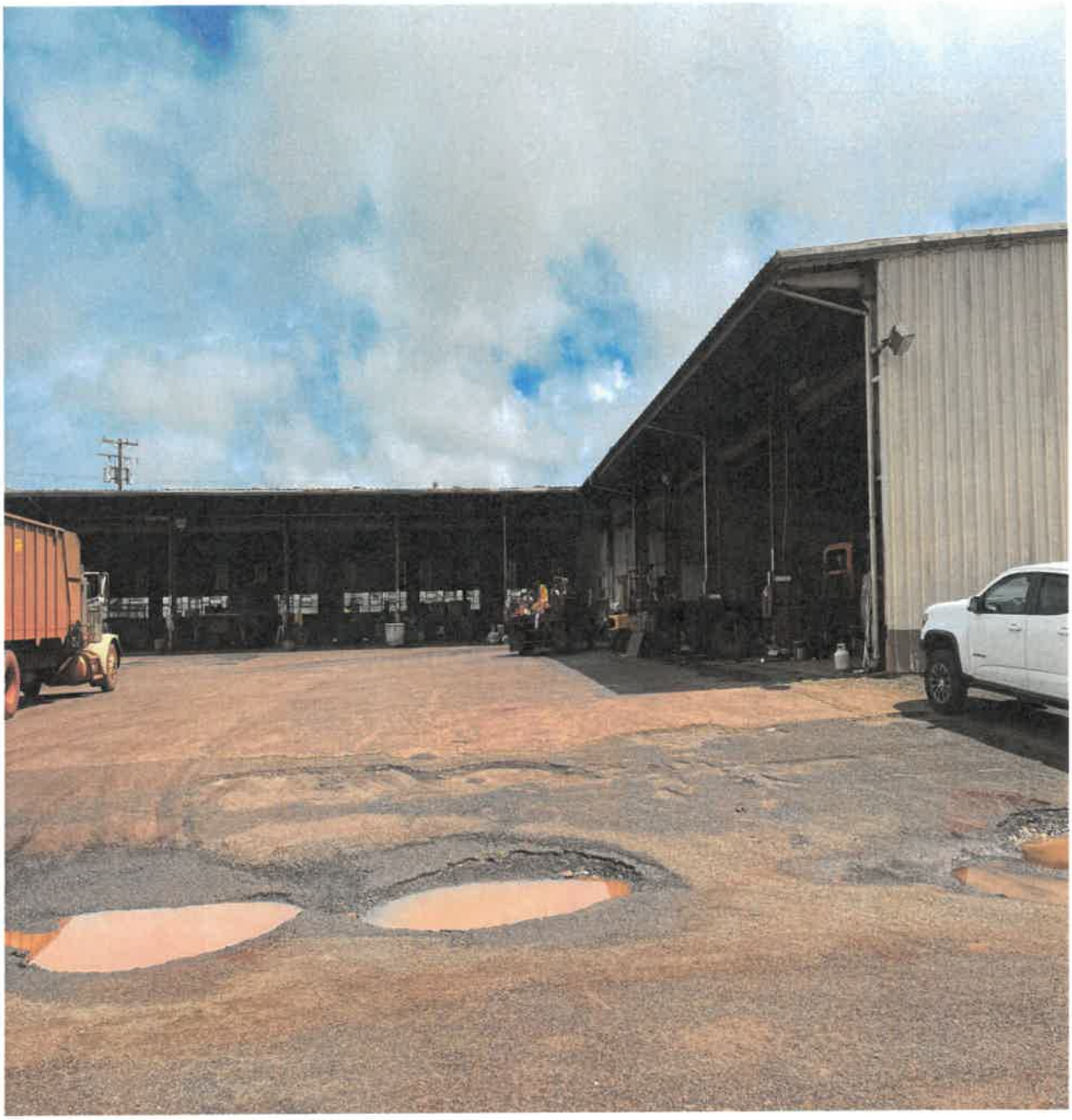
Controlled Document - COC-25 Lead R17 05/09/2022

☑ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

SECTION C

PHOTOS



VEHICLE REPAIR & FABRICATION SHOPS

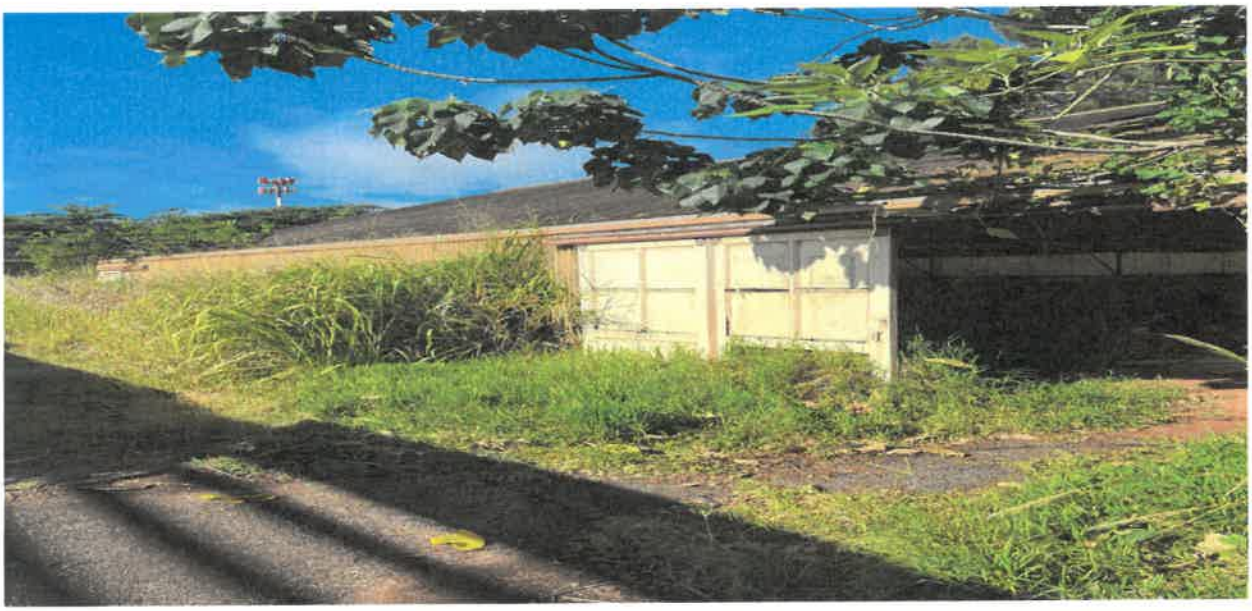
VEHICLE REPAIR & FAB SHOP FOREMANS OFFICE FLOORING

VEHICLE REPAIR & FAB SHOP SUPPLY FLOORING

UH WAREHOUSE

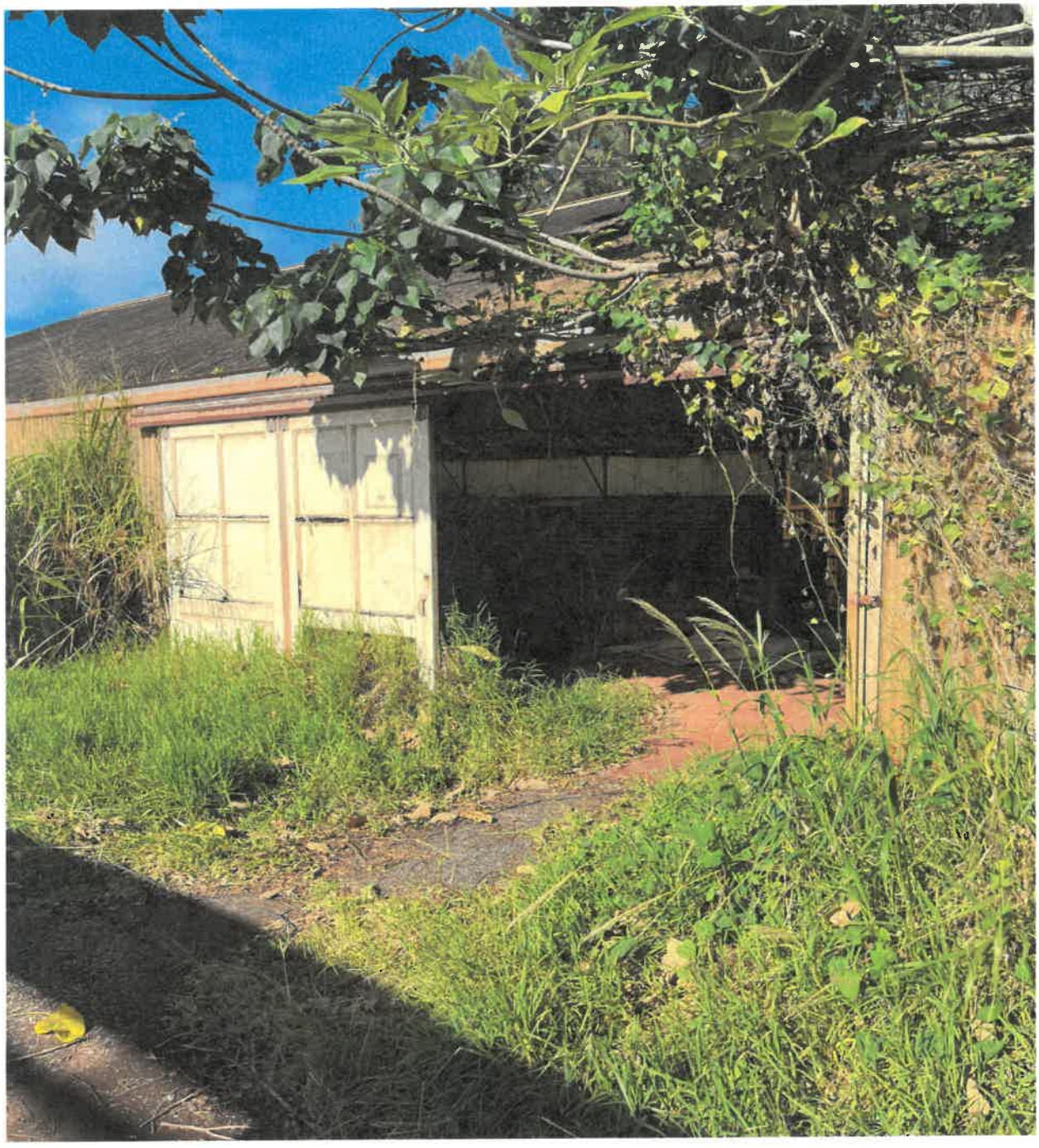
TRUCK SHED

TELONE TANK STRUCTURE



SMALL NURSERY GREENHOUSE

LARGE NURSERY GREENHOUSE

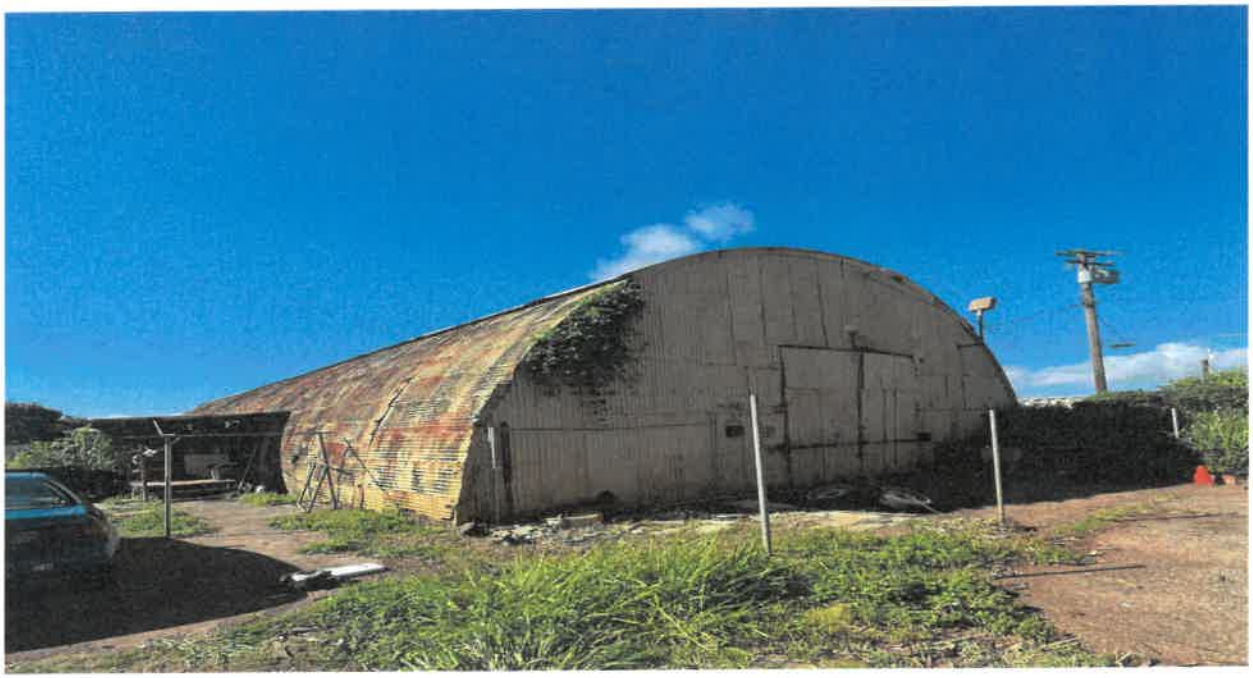


SMALL NURSERY GREENHOUSE SLIDING DOOR

SINGLE FAMILY DWELLING #1

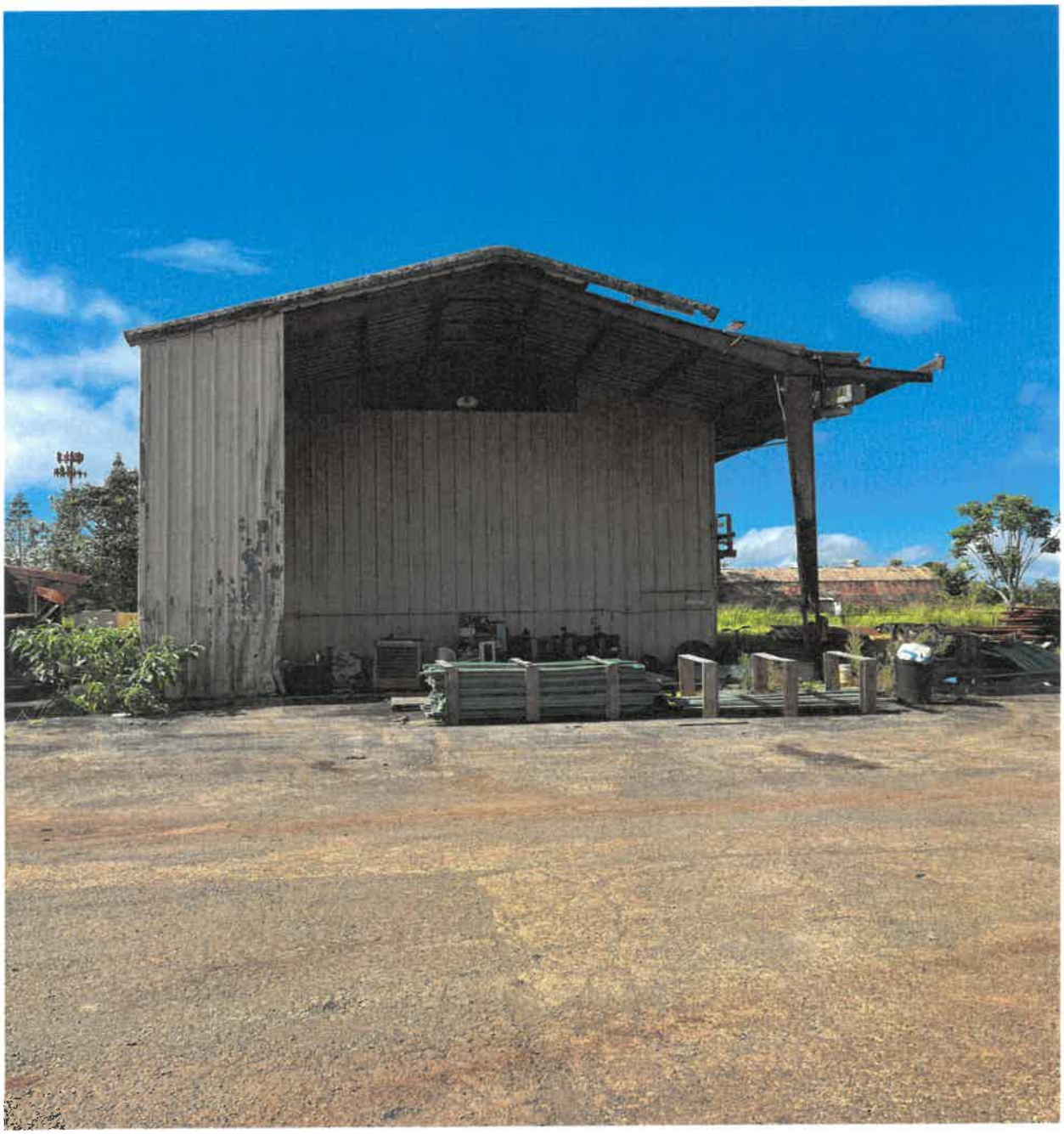
R&D OFFICE WAREHOUSE

QUONSET HUT #1



QUONSET HUT #2

QUNNSET HUT EXTERIOR PANELS (BLACK CAULKING/SEALANT)

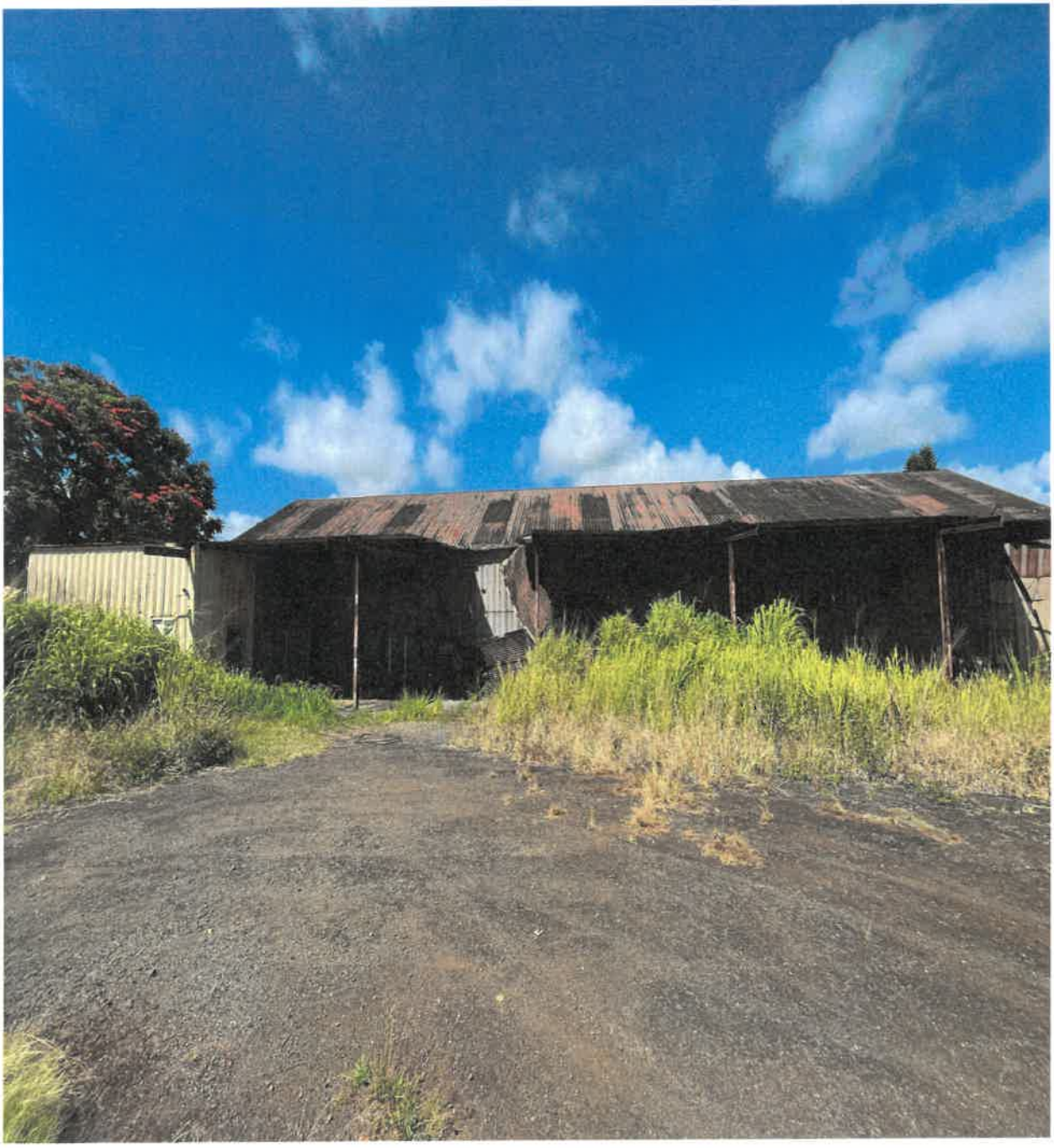


OLD TIRE SHOP

NURSERY EQUIPMENT STORAGE

MAIN OFFICE

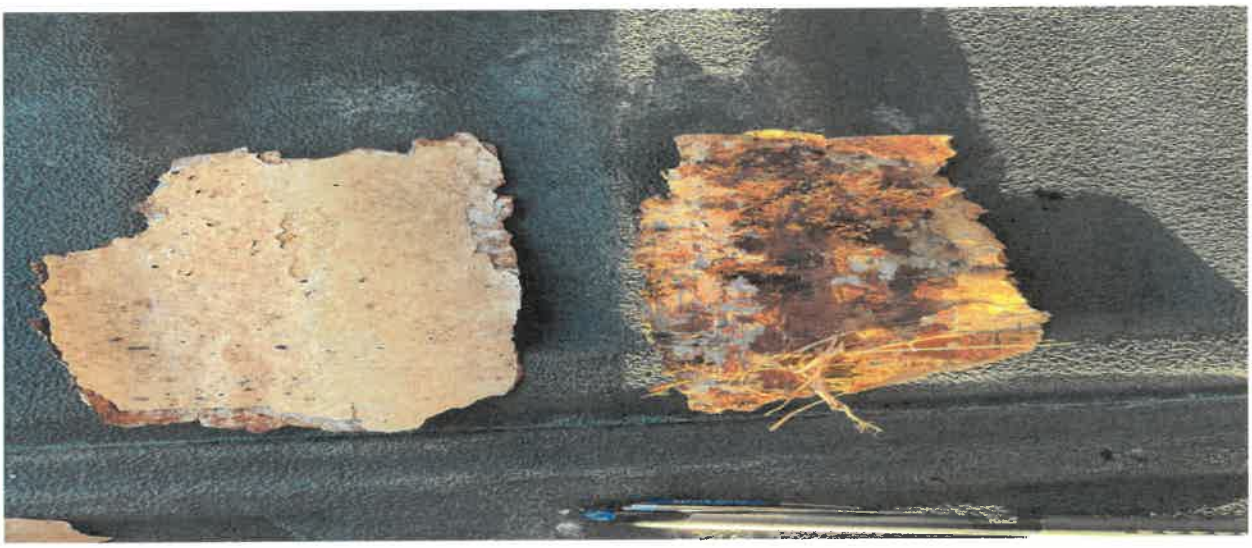
FIELD OFFICE



HEAVEY EQUIPMENT REPAIR

EQUIPMENT STORAGE

EQUIPMENT STORAGE FLOORING



CORRUGATED METAL ROOF PANELS W/MULTI-LAYER ASBESTOS COATINGS.

SECTION D

OSHE CERTIFICATIONS

JOSH GREEN, M.D.
GOVERNOR OF HAWAII
KE KIA'AINA O KA MOKU 'AINA 'O HAWAI'I

KENNETH S. FINK, M.D., MGA, MPH
DIRECTOR OF HEALTH
KA LUNA HO'OKELE

STATE OF HAWAII
DEPARTMENT OF HEALTH
KA 'OIHANA OLAKINO
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File: EHSD/RH

June 5, 2023

To: Mr. Arther Jay Clayton

From: Department of Health, Indoor and Radiological Health Branch
Asbestos Section

Subject: Annual Asbestos Individual Certification

Your asbestos certification packet has been received and processed. Your certification number is **HIASB-0339** and is valid until **August 14, 2024**. You are now certified to perform work in the asbestos field within the State of Hawaii and will abide by the rules set forth in HAR Chapter 11-501 through 11-504.

All certified individuals are provided with an identification card. The expiration date(s) on the top of the card is the expiration date of your training. You may not perform any work related to your discipline after the expiration date(s) without completion of a refresher course. Contact our office when you have received your refresher course certification. You will need to schedule an appointment for a new card. Annual renewal fees are due before the expiration date specified on the bottom of the certification card.

Enclosed is the receipt for the **$175.00** certification fee.

Thank you for your cooperation. Should you have any questions or require additional information, please contact Mr. Reuben L. Bilan at (808) 586-5800.

Enc: As stated

rb

6

GLOBETECK GROUP, INC

2800 Woodlawn Drive, Suite 192, Honolulu, HI 96822
Phone (808) 833-5787 – Fax (808) 833-5987
Site: https://www.globeteckgroup.com

is pleased to announce that

Arther Jay Clayton

XXX-XX-2770

has attended and successfully completed the requisite training course for AHERA Asbestos Building Inspector Refresher accreditation under TSCA Title II, Asbestos Model Accreditation Plan and the provider is accredited to provide training within the State of Hawaii.

AHERA Asbestos Building Inspector Refresher Training Certificate

Certificate Number: GGI-BIR07122022-13C
Place of Training: Honolulu, Hawaii
Date of Course: July 12, 2022
Date of Examination: July 12, 2022
Date of Expiration: July 12, 2023

Mohammad Rouf, MPH, CIHM
Training Director
Honolulu, Hawaii

JOSH GREEN, M.D.
Governor

SYLVIA LUKE
Lt. Governor

MARK H. TAKEMOTO
Acting Executive Director

ITEM F

STATE OF HAWAII
AGRIBUSINESS DEVELOPMENT CORPORATION
235 S. Beretania Street, Room 205
Honolulu, HI 96813
Phone: (808) 586-0186 Fax: (808) 586-0189

EXECUTIVE DIRECTOR'S UPDATE

August 17, 2023

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1. Project updates
    a. $10MM FY24 – Food & Product Innovation Network (FPIN). Staff reached out to all the counties. Talked with stakeholders on Kauai, Maui, Molokai, Oahu, following up with Hawaii island.
    b. $2MM FY24 – Complete plans for the Wahiawa Wastewater Pipeline. Waiting for funding release, $1.62MM earlier request, $2MM current request. $3.62MM total
    c. $3MM FY24 – Purchase property TMK (1)6-5-2-27. Draft LOI in review to send to Dole.
    d. $1.1MM CIP FY24 – AAHOAKA reservoir improvements. Request to transfer funds to DAGS.
    e. Reservoir 155 & 225 improvements – $6.7MM ADC requested funds for HDOA to complete the improvements to the two reservoirs. Kunia, Oahu
    f. Central Oahu Food Hub – ADC requested $5.65MM to complete project, funds in DAGS budget, monitor progress and coordinate with the impacted tenants.
    g. Purchase of Wells #24, #25, and #26, Close of purchase end of August 2023. Well permit transfer and connecting wells #24 & #26 to ADC property $4MM.
    h. $4MM CIP FY25 – Slaughterhouse design and construction. Working on site selection.
    i. Yardi – Staff working with consultant preparing for Accountant to step into system setup. Staff using Yardi to bill tenants.
    a. Accountant Consultant – Staff working with consultant preparing for Accountant to lead system setup.
    b. Oahu, Wahiawa Irrigation System – $770K, Consultant in Due Diligence.
2. Vacant positions
    a. Accountant V – Applicant accepted, 8/24/23 start date.
    b. Accountant IV – Request new list of applicants.
    c. Asset Manager – Ready to offer pending approval by B&F/Governor.
    d. Contract Manager – new PD approved and posted, pending approval by B&F/Governor of funding release.
    e. Secretary III – Ready to offer pending approval by B&F/Governor.
    f. Water Worker – preparing to post, pending approval of B&F/Governor.