

## Weekly Construction Summary

Week of 04/21/2024

### Construction Summary

Four days of mobilization work this week.

Tuesday: Northwest Demo delivered the smaller excavator, and the boom and attachments for the HR excavator.

Wednesday: Northwest delivered the manlift and a 20' container to the site.

Thursday: The High Reach excavator was delivered, and the boom and attachment unloaded from the trailer.

Friday: The HR excavator boom and shear attachment were assembled.

Daily reports attached.



# INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

**DATE :** Tuesday, April 23, 2024

**WEATHER:** Suitable For All Planned Work  
At CSO, clear, light wind. Temp at 9am  
45F. Up to high 50s in the afternoon.

**PROJECT TITLE: Caltech Submillimeter Observatory Decommissioning**

**Work Hours:**

Arrv: 0900

**Dep: 1430**

**Report By:** Shawn Gardner

<b>Monitors on Site:</b>	Cultural - Peter Alu
<b>Work Items</b>	<b>Location &amp; Description of Work/Activities</b>
Demolition	<p>Two personnel from MKSS removed the lubrication oil from the CSO compressor first thing in the morning, assisted by Simon. The two trucks mobilizing equipment to the site arrived at HP at 0845. The first, transporting an excavator, arrived at the site at 1030. After the excavator was unloaded, that truck departed. The second truck, transporting the boom and other equipment for the long reach excavator, arrived at the site at 1100. It was parked and remained on site. The inspection certificates are attached to this report. GBI personnel installed the remainder of the "No Trespassing" signs on the construction fence.</p> <p>During the unloading of the excavator, it was noted that dried mud was coming off of the tracks onto the pavement. The excavator was parked on the pavement next to the dome, the material that had fallen onto the pavement was swept up, and the tracks were cleaned by the GBI crew. Using the boom, one track at a time was lifted off the pavement, and dropcloth was put under the track. Then all of the dried earth material was scraped out of the tracks and collected with a shop vac. All of the material collected in the vac and the amounts that fell on the dropcloth were secured for removal from the Mauna.</p> <p>Simon Radford and Stewart Hunter were onsite in the morning.</p>

## WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/TYPE	HR
Jon Steen		6	GBI	Loader	CAT 950 GC	
Cody Brown		6	GBI	Excavator	Volvo EC300DL	
Bronson Sylva		6	GBI	Semi tractor lic. 208HED w/lowboy trailer	Kenworth	
Sam Peck		6	GBI			
Brandon Kepano		6	GBI			

Signed by: 

Reviewed by: Shawn Gardner

Date 4/23/2024





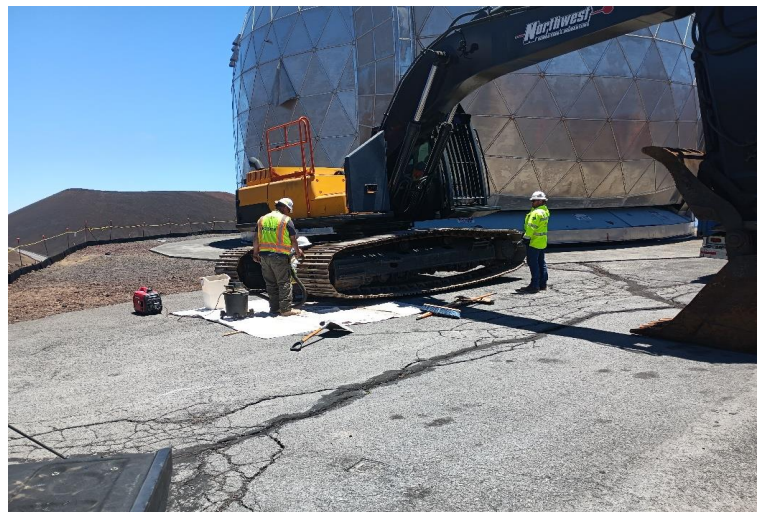
^ 8:41am - trucks approaching HP



^ 10:29am - excavator arrives at site



^ 11:00am - long reach boom arrives at site



^ 12:56pm - cleaning excavator tracks



^ 2:05pm - track cleaning completed



^ 2:35pm - site closed for the day





# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01041

Delivery is:

**APPROVED**

**REJECTED**

Date and Time: 4/22/24 4:10pm

Inspector: Jamer Parker

Expiration date and time: 4/26/24 4:10pm

Inspection location: De Luz Waiman

Destination: CSO site summit

Facility/Representative: Bruce Burley

Vehicle Lic/Descrip: temp license <sup>Semi</sup> PUC 5693-C

Concerns identified: N/A

Cargo Description: lowboy trailer

Remediation taken: N/A

Bait used? ☒ Yes ☐ No

Rush inspection? Yes ☐ No ☒

**DELIBERATE NON-COMPLIANCE**

**NON-COMPLIANCE (UNAWARE)**

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*Drivers should keep this certificate in vehicle when making delivery.*

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# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01042

APPROVED

REJECTED

Date and Time: 4/22/24 4pm

Inspector: James Parker

Expiration date and time: 4/26/24 4pm

Inspection location: De Luz Waimea

Destination: CSO site summit

Facility/Representative: Bruce Burley

Vehicle Lic/Descrip: excavator

Concerns identified: N/A

Cargo Description: \_\_\_\_\_

Remediation taken: N/A

Bait used? ☒ Yes ☐ No

Rush inspection? ☐ Yes ☒ No

DELIBERATE NON-COMPLIANCE

NON-COMPLIANCE (UNAWARE)

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# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01039

APPROVED

Date and Time: 4/22/24 4pm

Expiration date and time: 4/26/24 4pm

Destination: CSD site Summit

Vehicle Lic/Descrip: 208 HED Semi

Cargo Description: silver lowboy

Bait used? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

Delivery is:

REJECTED

Inspector: James Parker

Inspection location: De Luz Waimea

Facility/Representative: Bruce Burley

Concerns identified: N/A

Remediation taken: N/A

Rush inspection? Yes ☐ No ☒

NON-COMPLIANCE (UNAWARE)

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# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01038

Delivery is:

**APPROVED**

**REJECTED**

Date and Time: 4/22/24 4pm

Inspector: James Parker

Expiration date and time: 4/26/24 4pm

Inspection location: De Luz Waimea

Destination: CSD site summit

Facility/Representative: Bruce Burley

Vehicle Lic/Descrip: silver lowboy trailer

Concerns identified: N/A

Cargo Description: Broom / shear / grapple

Remediation taken: N/A

Bait used? ☒ Yes ☐ No

Rush inspection? Yes ☐ No ☒

**DELIBERATE NON-COMPLIANCE**

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## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Wednesday, April 24, 2024

WEATHER: Suitable For All Planned Work  
At CSO, clear, light to moderate wind.  
Temp at 9am 45F. Up to mid 50s in the afternoon.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:  
Arrv: **0900**  
Dep: **1530**

Report By: **Shawn Gardner**

Monitors on Site:	Cultural - Peter Alu
Work Items	Location & Description of Work/Activities
Demolition	<p>Attempted a Cultural Orientation at HP at 0730, but no personnel from GBI, NW, Unitek, or Lehua attended. Went up to CSO, arriving at 0900, and found the personnel from Unitek and Lehua at the site. Due to miscommunication, they believed the orientation was to be held on site. Since none of them had attended an orientation, and Unitek had some equipment in their rental truck that needed, but had not been, inspected, all personnel and equipment returned to HP to sort out the situation. A CMS certified inspector, Anu (sp?) was at HP, and agreed to inspect Unitek's equipment, and found no issues. After getting an orientation tentatively schedule, the Unitek and Lehua personnel were allowed to return to the site and store the inspected equipment in the welding shed.</p> <p>The Northwest manlift and 20' container arrived at the site between 1230 and 1300. New inspection certificates attached. The manlift and container were unloaded and the trucks left the site by 1400.</p> <p>An onsite meeting was held with Jon Steen, Bruce Burley, Simon Radford, Stewart Hunter, Shawn Gardner, Nicole Garaganza, and Jeff Abella attending. After looking at the conditions in the domw and some discussion, Bruce outlined the intended process for opening the dome and removing the shutter cylinders. All agreed the process seemed reasonable and satisfied all the issues that had been previously discussed. Jon said he would send out an email to the whole project team describing the process.</p> <p>During the first trip to the CSO at 0900, it was noted that the excavator had three small apparent oil leaks, one each onto the tracks, and one at the bucket. After NW arrived onsite, they inspected the excavator and reported the following. The leak on the right track, which a drip pan had put under the previous day, was oily water resulting from the pressure washing, and the residual water had leaked out of the engine compartment, but had apparently finished draining out by the time they arrived, as it was no longer leaking. The leak on the right track was determined to be engine coolant. The found the leak at a hose joint and repaired it. The leak at the bucket had resulted in a wet oil spot on the machine only. The could not find any leak in the hydraulic system, and assumed a small amount of oil had escaped due to the elevation pressure change. A witness mark was made at the wet spot to mark its extent, and will be reinspected the following morning.</p>

### WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/TYPE	HR
Jon Steen		4	GBI	Loader	CAT 950 GC	
Cody Brown		4	GBI	Excavator	Volvo EC300DL	
Bronson Sylva		4	GBI	Semi tractor lic. 208HED w/lowboy trailer	Kenworth	
Sam Peck		4	GBI	20' Container		
Brandon Kepano		4	GBI	Sunbelt rental manlift	JLG 660SJ	
Bruce Burley		4	NW Demo			
Anthony Ortiz		4	NW Demo			
Darren Whittaker		4	NW Demo			
Nicole Garaganza		2	Lehua Environmental			
Jeff Abella		2	Unitek			
Jone Abella		2	Unitek			
Jowie Deseo		2	Unitek			

Signed by: 

Reviewed by: Shawn Gardner

Date 4/24/2024





^ 9:23am - leak on left track



^ 9:24am - source at access panel



^ 12:52pm - container arrives as manlift transporter exits



^ 1:00pm - manlift on site



^ 3:05pm - oil spot at bucket with witness mark



^ 3:23pm - site closed for the day





# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01047

APPROVED

Date and Time: 4/24/24 10am  
Expiration date and time: 4/28/24 10am  
Destination: CSO site summit  
Vehicle Lic/Descrip: low boy trailer silver  
Cargo Description: man lift  
Bait used? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

Delivery is:

REJECTED

Inspector: James Parker  
Inspection location: De Luz Waimea  
Facility/Representative: Bruce Burley  
Concerns identified: N/A  
Remediation taken: N/A  
Rush inspection? ☒ Yes ☐ No

NON-COMPLIANCE (UNAWARE)

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# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01048

APPROVED

Date and Time: 4/24/24 10am  
Expiration date and time: 4/28/24 10am  
Destination: CSO site summit  
Vehicle Lic/Descrip: Temp license <sup>Semi</sup> PIC 5093C  
Cargo Description: lowboy trailer  
Bait used? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

Delivery is:

REJECTED

Inspector: James Parker  
Inspection location: De Luz Waimea  
Facility/Representative: Bruce Burley  
Concerns identified: N/A  
Remediation taken: N/A  
Rush inspection? ☒ Yes ☐ No

NON-COMPLIANCE (UNAWARE)

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UNIVERSITY of HAWAII at HILO  
CENTER FOR MAUNAKEA  
STEWARDSHIP

No. 1725

### INVASIVE SPECIES INSPECTION CERTIFICATE

Delivery is: ☒ APPROVED ☐ REJECTED

Date and Time: 4/24/24 10:15am

Inspector: James Parker

Expiration date and time: 4/28/24 10:15am

Inspection location: De Luz Wainea

Destination: CSO site summit

Facility/Representative: Bruce Burley

Vehicle Lic & Owner: 187 HEB Semi

Concerns identified: N/A

Cargo Description: trailer w/ blue container

Remediation taken: N/A

Bait used? ☒ Yes ☐ No

Rush inspection? ☒ Yes ☐ No

Escort Required? ☐ Yes ☐ No

☐ EMERGENCY (no inspection)

☐ NON-COMPLIANT (no inspection requested)

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### INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01049

Delivery is:

REJECTED

Date and Time: 4/24/24 10am

Inspector: James Parker

Expiration date and time: 4/28/24 10am

Inspection location: De Luz Wainea

Destination: CSO site summit

Facility/Representative: Bruce Burley

Vehicle Lic/Descrip: TR 2163 Trailer

Concerns identified: N/A

Cargo Description: Blue container

Remediation taken: N/A

Bait used? ☒ Yes ☐ No

Rush inspection? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

NON-COMPLIANCE (UNAWARE)

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# INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01046

APPROVED

REJECTED

Date and Time: 4/24/24 10am

Inspector: James Parker

Expiration date and time: 4/28/24 10am

Inspection location: De Luz Waimea

Destination: CSO site summit

Facility/Representative: Bruce Barley

Vehicle Lic/Descrip: Hi-reach excavator

Concerns identified: N/A

Cargo Description: \_\_\_\_\_

Remediation taken: N/A

Bait used? ☒ Yes ☐ No

Rush inspection? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

NON-COMPLIANCE (UNAWARE)

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## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Thursday, April 25, 2024

WEATHER: Suitable For All Planned Work  
At CSO, clear, light to moderate wind.  
Temp at 9am 45F. Up to low 50s in the afternoon.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:  
Arrv: **0900**  
Dep: **1530**

Report By: **Shawn Gardner**

Monitors on Site:	Cultural - Julian Shiroma
Work Items	Location & Description of Work/Activities
Demolition	<p>The high reach excavator was delivered to the site. The convoy turned onto Maunakea Access Rd at 0815 and reached the CSO site at 1210. After the excavator was unloaded, the boom and other equipment were unloaded from the other lowboy trailer onsite. The unloading was completed at 1430. Both trucks and lowboy trailers departed the site at 1445. Stabilization matting was installed at the site entrance.</p> <p>The smaller excavator was reinspected for leaks. There was no indication of continued leaking at the two tracks. At the bucket, there was another oil spot on the steel, smaller than the one the previous day (comparison photos attached). The new spot is offset from the previous spot due to the boom having been rotated 90 degrees from its previous position, and thus was at a slightly different angle. Due to the very small amount of leakage, received concurrence from CMS (SH) to monitor the leak daily and allow the excavator to be used in its current condition.</p>

### WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/TYPE	HR
Jon Steen		8	GBI	Loader	CAT 950 GC	
Cody Brown		8	GBI	Excavator	Volvo EC300DL	
Bronson Sylva		8	GBI	Semi tractor lic. 208HED w/lowboy trailer	Kenworth	
Brandon Kepano		8	GBI	20' Container		
				Sunbelt rental manlift	JLG 660SJ	
				High Reach Excavator	Volvo EC480E HR	
Bruce Burley		8	NW Demo			
Anthony Ortiz		8	NW Demo			
Darren Whittaker		8	NW Demo			

Signed by: 

Reviewed by: Shawn Gardner

Date: 4/25/2024





^ 12:10pm - LR excavator arrives at site



^ 12:24pm - unloading excavator



^ 12:53pm - unloading shears attachment



^ 12:57pm - unloading grapple attachment



^ 2:27pm - LR boom unloaded



^ 3:35pm - site closed for the day





## INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01046

Delivery is:

APPROVED

REJECTED

Date and Time: 4/24/24 10amInspector: James ParkerExpiration date and time: 4/28/24 10amInspection location: De Luz WaimeaDestination: CSD site summitFacility/Representative: Bruce BarleyVehicle Lic/Descrip: Hi-reach excavatorConcerns identified: N/A

Cargo Description: \_\_\_\_\_

Remediation taken: N/ABait used? ☒ Yes ☐ NoRush inspection? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

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## INVASIVE SPECIES INSPECTION CERTIFICATE

No. 01048

Delivery is:

APPROVED

REJECTED

Date and Time: 4/24/24 10amInspector: James ParkerExpiration date and time: 4/28/24 10amInspection location: De Luz WaimeaDestination: CSD site summitFacility/Representative: Bruce BarleyVehicle Lic/Descrip: Temp license <sup>Seni</sup> PIC 5093CConcerns identified: N/ACargo Description: lowboy trailerRemediation taken: N/ABait used? ☒ Yes ☐ NoRush inspection? ☒ Yes ☐ No

DELIBERATE NON-COMPLIANCE

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Above: 4/24/24 0932

Below: 4/25/24 1143







## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Friday, April 26, 2024

WEATHER: Suitable For All Planned Work  
At CSO, clear, light wind. Temp at 9am  
45F. Up to low 50s in the afternoon.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0900**

Dep: **1330**

Monitors on Site:	Cultural - Julian Shiroma
Work Items	Location & Description of Work/Activities
Demolition	NW Demo crew made repair with new parts on the coolant system of the smaller excavator. Then they attached the boom to the HR excavator. After attached, they found it had a leak, and spent about two hours tracing down and repairing the leak, and tightening connections. After that, they attached the shears attachment, parked all the equipment on the pavement, and did site cleanup. Departed the site at 1330.

### WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/TYPE	HR
Jon Steen		8	GBI	20' Container Loader Excavator High Reach Excavator Sunbelt rental manlift	CAT 950 GC Volvo EC300DL Volvo EC480E HR JLG 660SJ	
Bruce Burley		8	NW Demo			
Anthony Ortiz		8	NW Demo			
Darren Whittaker		8	NW Demo			

Signed by: 

Reviewed by: Shawn Gardner

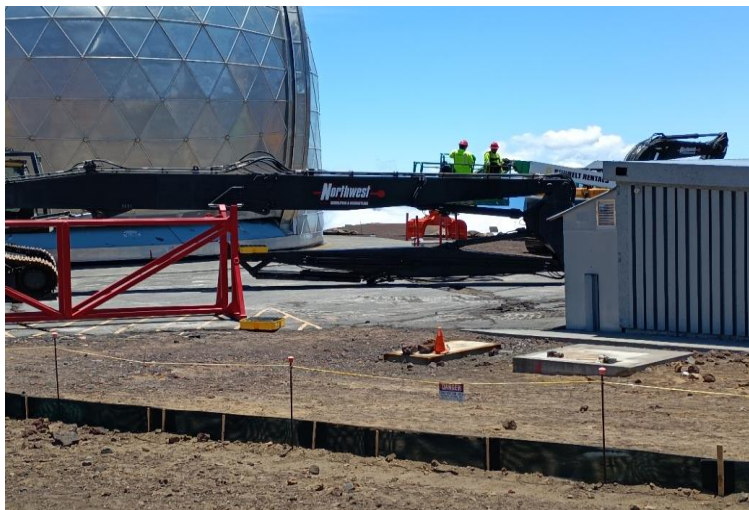
Date 4/26/2024



^ 10:46am - excavator connected to boom



^ 11:00am - removed boom from cradle



^ 12:47pm - repairing leaking connection



^ 1:09pm - shears attachment installed



^ 1:27pm - all equipment parked on pavement



^ 1:33pm - site closed for the day