



TRANSMITTAL REQUIREMENTS AND CERTIFICATION STATEMENT FOR E-PERMITTING INDIVIDUAL NPDES APPLICATION SUBMISSIONS

1. Submission and File Numbers

e-Permitting Submission #: 1VX-WOR9-NBEM, v1

I am submitting a (check only one):

2014 APR 2 2:02 PM/ep

- Initial Individual NPDES application.
Revised Individual NPDES application, Permit Number:
Renewal Individual NPDES application, Permit Number:

2. Certification Statement

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Signature [Handwritten Signature] Date Signed 3/31/14
Printed First and Last Name Gary Sanders

3. Transmittal Requirements (Check all.)

- I have read the instructions on Page 2.
If I do not follow all of the instructions on Page 2, I acknowledge that:
a. This submittal will not be accepted by the Clean Water Branch (CWB);
b. Processing of my NPDES application will not begin;
c. I am delaying the processing of my NPDES application; and
d. The CWB may deny my request for NPDES permit coverage with or without prejudice.
The signature provided in Item No. 2 is an original signature.
My CD or DVD is attached. This CD or DVD contains only the downloaded e-Permitting submission identified in Item No. 1 above. I have not altered this file.

4. Filing Fee [Check the applicable box(es).]

- A \$1000 check made payable to the State of Hawaii is attached.
The filing fee was paid online through the e-Permitting Portal.
I am submitting a revised Individual NPDES application. My filing fee has already been paid under the initial submittal.
I am a State agency, and I am requesting a Bill for Collection.

IMPORTANT INSTRUCTIONS:

You are required to follow these instructions to complete your e-Permitting Individual NPDES application initial, revised, or renewal submittal. Failure to follow all of these instructions will delay the processing of your submittal and may result in the denial of your request for NPDES permit coverage. **Processing of your submission will not begin until the Clean Water Branch (CWB) receives all of the items below.**

Item No. 1 – Submission and File Numbers

- a. Enter your e-Permitting Submission #. You may find your unique e-Permitting Submission # (e.g. 15H-ZGVV-421H) in your History Link of the e-Permitting Portal. If you are submitting a revised Individual NPDES application, the e-Permitting Submission # will contain the version (e.g. 15H-ZGVV-421H, v1).
- b. Check only one (1) box to indicate if you are submitting an Initial Individual NPDES application (new submittal), a Revised Individual NPDES application (revised submittal to address CWB comments), or a Renewal Individual NPDES application (submittal to renew existing Individual NPDES permit coverage).
- c. Enter your permit number if you are revising an Initial Individual NPDES application to respond to CWB comments. The CWB comments will contain the permit number. You will not need to provide a permit number if you are submitting an Initial Individual NPDES application.

Item No. 2 – Certification Statement

- a. This is the certification statement for the e-Permitting submission # identified in Item No. 1.
- b. Enter the Printed First and Last Name.
 - i. For initial and renewal submittals, the Printed First and Last Name must be the Certifying Person identified in Section No. 2 of the e-Permitting Individual NPDES application form.
 - ii. For revised submittals, the Printed First and Last Name may be either the Certifying Person identified in Section No. 2 of the e-Permitting Individual NPDES application form or the duly authorized representative identified in Section No. 8 of the e-Permitting Individual NPDES form.
- c. Enter the Date Signed.
- d. Provide an original Certification signature (hard copy of this form).
Someone else may sign "for" the individual listed in the Printed First and Last Name.

Item No. 3 – Transmittal Requirements

- a. You are required to check all of the boxes.
- b. Provide a CD or DVD containing the downloaded e-Permitting submission in PDF or ZIP. To download the submission, click on the History Link in the e-Permitting Portal (after you submitted the application). Locate your submission and press the view button under the Action column. Press the Download Submission button. A PDF file will be generated if you have no attachments. A ZIP file will be created if you have attachments. Save the PDF or ZIP file on the CD or DVD. **Do not add additional files to the CD or DVD. Your CD or DVD shall match your e-Permitting submission #.**

Item No. 4 – Filing Fee

- a. You are required to check only one (1) of the boxes.
- b. A \$1000 filing fee is required for all Initial Individual NPDES applications.
- c. A \$1000 filing fee is required for all Renewal Individual NPDES applications.
- d. If you are a State agency, you may request a Bill for Collection even if paying online.

Additional

- a. Mail or deliver this form and all attachments to the Department of Health, Clean Water Branch, 919 Ala Moana Boulevard, Room 301, Honolulu, Hawaii 96814.

CWB Individual NPDES Form

(Submission Id: 1VX-W0R9-NBEM, v1)

1a. New NPDES Application

I read HAR, Chapters 11-54 and 11-55. I certify that I am submitting this NPDES application since my project/facility/activity/discharge and my organization will comply with these rules and the NPDES Permit that the DOH may issue for my project/facility/activity/discharge. I certify that I will design, implement, operate, and maintain appropriate treatment/controls to ensure that my activity/discharge will not violate HAR, Chapters 11-54 and 11-55.

Yes.

Is your submission for a new NPDES permit (Initial Individual NPDES permit application or a Revised Individual NPDES permit application)?

Yes.

If you selected "Yes" above, please complete the rest of this section. Skip Section 1b and proceed to Section 2.

If you selected "No" above, please skip the remainder of this section and proceed to Section 1.b.

NPDES permits cannot be issued for "after the fact" discharges/activities. For new NPDES applications, you are required to certify below that the information provided in this NPDES application does not include "after the fact" discharges/activities.

I certify that the information provided in this NPDES application does not contain "after the fact" discharges/activities.

You are required to report any discharges/activities associated with your project/facility that started before obtaining NPDES permit coverage. This only applies to discharges to State waters and activities that require NPDES permit coverage [e.g. construction activities that disturb one (1) acre or more]. Please select one (1) of the options below.

I did not start any discharges/activities associated with my project/facility.

I certify under penalty of law that my proposed discharge will not impair any State water (including but not limited to rivers, streams, wetlands, ponds, ground waters, and ocean), Native Hawaiian cultural resources (including but not limited to burial sites/iwi, heiau, and taro loi), or the exercise of traditional Native Hawaiian cultural practices

Yes. I certify.

If you answered No above, describe the step(s) you will take to reasonably protect those State waters, Native Hawaiian resources, or exercise of traditional Native Hawaiian cultural practices. Please only include the steps that have been accepted by the Office of Hawaiian Affairs and other appropriate agencies. Note: It is your responsibility under the Constitution of the State of Hawaii to mitigate any impacts.

NONE PROVIDED

1b. Renewal NPDES Application

Provide the previously assigned Permit Number (e.g. HI0021841).

NA

Historic Effluent Limitations and Monitoring Data Spreadsheet:

You are required to download and complete the Historic Effluent Limitations and Monitoring Data Spreadsheet below only if your NPDES permit contains numeric effluent limitations. This does not apply to NPDES permits for discharges of storm water associated with construction activities.

Upload Completed Historic Effluent Limitations and Monitoring Data Spreadsheet

NONE PROVIDED

Provide a summary of all DOH-CWB and/or U.S. EPA inspections conducted at your facility during the current permit term. Include the inspection date, findings, and all corrective actions. This applies to all NPDES permits.

NONE PROVIDED

Please report all of your existing NPDES permit submittal requirements. List the required submittal (e.g. DMR, Nutrient Management Plan, BMP Plan, TRE/TIE, etc.); the due date; and your submittal date. This applies to all NPDES permits.

NONE PROVIDED

Effluent Violation Spreadsheet:

You are required to download and complete the Effluent Violation Spreadsheet below only if your NPDES permit contains numeric effluent limitations. This does not apply to NPDES permits for discharges of storm water associated with construction activities.

Upload Completed Effluent Violation Spreadsheet

NONE PROVIDED

Please describe all actions you have taken to prevent all of the violations above from occurring again. You are required to provide this information with your renewal application. The DOH-CWB will take this into consideration when deciding whether to renew your permit or deny your renewal application. Pursuant to HAR 11-55-17, noncompliance by the Permittee with any conditions of the NPDES permit is grounds for denial of the renewal NPDES application.

NONE PROVIDED

2. Owner Information

Owner Legal Name

TMT Observatory Corporation

Owner Department

NA

Owner Division

NA

Owner Mailing Address

1200 E. California Boulevard, Mail Code 102-8
Pasadena, CA 91125

Owner's Street Address

1200 E. California Boulevard, Mail Code 102-8
Pasadena, CA 91125

Owner Type

Industrial - Private Project

Signatory Type:

The person certifying this NPDES application must meet one of the following descriptions and be employed by the Owner. Please identify your appropriate signatory type based on the items listed below.

State Agency: I certify that for a state agency, I am a principal executive officer or ranking elected official.

Municipal Agency: I certify that for a municipal agency, I am a principal executive officer or ranking elected official.

Non-Federal Public Agency: I certify that for a non-federal public agency, I am a principal executive officer or ranking elected official.

Federal Agency: I certify that for a federal agency, I am the chief executive officer of the agency, or I am the senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.

Partnership: I certify that I am a general partner for a partnership.

Proprietorship: I certify that I am the proprietor for a sole proprietorship.

Corporation Officer: I certify that for a corporation, I am the President, Vice President, Secretary, or Treasurer of the corporation and in charge of a principal business function, or I perform similar policy or decision-making functions for the corporation.

Corporation Manager: I certify that for a corporation, I am the Manager of one or more manufacturing, production, or operating facilities and am authorized to make management decisions which govern the operation of the regulated facility or facilities including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations. I can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements and authority to sign documents has been assigned or delegated to me in accordance with corporate procedures.

Trust: I certify that for a trust, I am a trustee.

LLC: I certify that for a limited liability company (LLC), I am the Manager or a Member authorized to make management decisions for the LLC and am in charge of a principal business function, or I perform similar policy or decisionmaking functions for the LLC.

Please Select the Signatory Type based on the above descriptions.

Corporation Manager

Certifying Person Salutation

Mr.

Certifying Person First Name

Gary

Certifying Person Last Name

Sanders

Certifying Person Title

Project Manager

Certifying Person Email Address

sanders@tmt.org

Certifying Person Phone Number (e.g., 555-555-5555)

626-395-2997

Certifying Person Alternate Phone Number (cell) (e.g., 555-555-5555)

NA

Certifying Person Fax Number (e.g., 555-555-5555)

626-395-8909

The Owner's contact person may be the staff person with direct responsibility for the facility or project, not necessarily the certifying or "responsible" person.

Owner Contact Person's Salutation

Mr.

Owner Contact Person's First Name

Gary

Owner Contact Person's Last Name

Sanders

Owner Contact Person's Position Title

Project Manager

Owner Contact Person's Email

sanders@tmt.org

Owner Contact Person's Phone number (e.g., 555-555-5555)

626-395-2997

Owner Contact Person's Alternate Phone Number (cell) (e.g., 555-555-5555)

NA

Owner Contact Person's Fax number (e.g., 555-555-5555)

626-395-8909

3. Operator or General Contractor Contact Information

Will Operator or General Contractor information be submitted at least 30 calendar days before the start of construction activities?

Yes (I will provide operator/general contractor information 30 calendar days prior to discharge or the start of industrial/construction activities)

Operator/General Contractor Legal name

NONE PROVIDED

Operator/General Contractor Department

NONE PROVIDED

Operator/General Contractor Division

NONE PROVIDED

Operator/General Contractor Mailing address

NONE PROVIDED

Operator/General Contractor Street address:

NONE PROVIDED

Operator/General Contractor Contact Person's Salutation**Operator/General Contractor Contact Person's First Name**

NONE PROVIDED

Operator/General Contractor Contact Person's Last Name

NONE PROVIDED

Operator/General Contractor Contact Person's Position Title

NONE PROVIDED

Operator/General Contractor Contact Person's Email

NONE PROVIDED

Operator/General Contractor Contact Person's Phone number (e.g., 555-555-5555)

NONE PROVIDED

Operator/General Contractor Contact Person's Alternate Phone Number (cell) (e.g., 555-555-5555)

NONE PROVIDED

Operator/General Contractor Contact Person's Fax number (e.g., 555-555-5555)

NONE PROVIDED

4. Facility/Project Information

Enter the Facility or Project Name:

The Facility or Project Name will appear on all correspondence, official files, and permits.

Facility or Project Name

Thirty Meter Telescope (TMT) Observatory

Provide the Mailing Address:

The mailing address may be the mailing address of the facility's or project's contact person.

Mailing Address

1200 E. California Boulevard, Mail Code 102-8
Pasadena, CA 91125

Provide the Street Address:

The street address is the facility or project location with respect to identifiable street names or adjacent developments or properties (i.e., 1234 15th Drive or northwest corner of 1st Street and X Avenue).

Street Address (i.e. the location of the project or facility)

Astronomy Precinct, Mauna Kea Science Reserve, and Hale Pohaku on Mauna Kea, Island of Hawaii

Provide the Facility/Project Contact Person information.:

Provide the facility/project contact person information. The facility/project contact person can be anyone (e.g. consultant, staff, etc.).

Facility/Project Contact Person Salutation

Mr.

Facility/Project Contact Person's First Name

Gary

Facility/Project Contact Person's Last Name

Sanders

Facility/Project Contact Person's Title

Project Manager

Facility/Project Contact Person's Email

sanders@tmt.org

Facility/Project Contact Person Phone Number (e.g., 555-555-5555)

626-395-2997

Facility/Project Contact Person Alternate Phone Number (cell) (e.g., 555-555-5555)

NONE PROVIDED

Facility/Project Contact Person Fax Number (e.g., 555-555-5555)

626-395-8909

Facility/Project Front Gate Location Coordinates or Start of Linear Construction Location Coordinates

19D49'58"N155D28'52"W

5. Tax Map Key (TMK) No.

Facility/Project Tax Map Key (TMK) Number(s):

You are required to download and complete the TMK spreadsheet below. All TMK numbers involved in the facility/project need to be disclosed. A minimum of one (1) TMK is required.

Upload Completed TMK Spreadsheet

[tmk worksheet for NPDES.xlsx](#)

6. Receiving State Water(s) Information (1)

HAR, Section 11-54-1 defines State waters as

All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes; provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge.

Note: You must identify a receiving State Water before an NPDES permit can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloi Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

Kemole Gulch

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CMB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54.

Click on the link below to download a copy of HAR, Chapter 11-54.

The Water Quality Standards Maps can be found by clicking on the link below.

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters:

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters.

If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge.

For Example:

Type:

Discharge Point 1 (From)

Latitude 21.274685 N, Longitude 158.012768 W

(Click the "+" button in the tab heading row above to enter the next location)

Then type:

Discharge Point 1 (To)

Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label

Kemole Gulch

Discharge Point

19D50'45"N155D30'1"W

List all discharges at this discharge point (e.g. storm water associated with construction activities; storm water associated with industrial activities; hydrotesting waters; dewatering effluent; cooling water; secondary treated wastewater effluent; etc.).

storm water associated with Construction activities

Is the receiving State water on the Section 303(d) List?:

Click on the link below to view the Section 303(d) List.

Is the receiving State water on the Section 303(d) List?

No

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).

NONE PROVIDED

Are there additional discharge points into receiving State waters?

Yes

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

6. Receiving State Water(s) Information (2)

HAR, Section 11-54-1 defines State waters as

All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes; provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge.

Note: You must identify a receiving State Water before an NPDES permit can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloi Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

Kuupahaa Gulch

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CMB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54.

Click on the link below to download a copy of HAR, Chapter 11-54.

The Water Quality Standards Maps can be found by clicking on the link below.

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters:

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters.

If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge.

For Example:

Type:

Discharge Point 1 (From)

Latitude 21.274685 N, Longitude 158.012768 W

(Click the "+" button in the tab heading row above to enter the next location)

Then type:

Discharge Point 1 (To)

Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label

Kuupahaa Gulch

Discharge Point

19D51'38"N155D29'51"W

List all discharges at this discharge point (e.g. storm water associated with construction activities; storm water associated with industrial activities; hydrotesting waters; dewatering effluent; cooling water; secondary treated wastewater effluent; etc.).

storm water associated with construction activities

Is the receiving State water on the Section 303(d) List?:

Click on the link below to view the Section 303(d) List.

Is the receiving State water on the Section 303(d) List?

No

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).

NONE PROVIDED

Are there additional discharge points into receiving State waters?

Yes

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

6. Receiving State Water(s) Information (3)

HAR, Section 11-54-1 defines State waters as

All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes; provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge.

Note: You must identify a receiving State Water before an NPDES permit can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloii Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

Puupohakuloa Gulch

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CMB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54.

Click on the link below to download a copy of HAR, Chapter 11-54.

The Water Quality Standards Maps can be found by clicking on the link below.

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters:

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters.

If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge.

For Example:

Type:

Discharge Point 1 (From)

Latitude 21.274685 N, Longitude 158.012768 W

(Click the "+" button in the tab heading row above to enter the next location)

Then type:

Discharge Point 1 (To)

Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label

Puupohakuloa Gulch

Discharge Point

19D48'36"N155D30'34"W

List all discharges at this discharge point (e.g. storm water associated with construction activities; storm water associated with industrial activities; hydrotesting waters; dewatering effluent; cooling water; secondary treated wastewater effluent; etc.).

storm water associated with construction activities

Is the receiving State water on the Section 303(d) List?:

Click on the link below to view the Section 303(d) List.

Is the receiving State water on the Section 303(d) List?

No

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).

NONE PROVIDED

Are there additional discharge points into receiving State waters?

Yes

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

6. Receiving State Water(s) Information (4)

HAR, Section 11-54-1 defines State waters as

All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes, provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge.

Note: You must identify a receiving State Water before an NPDES permit can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloi Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

Pohakuloa Gulch

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CMB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54.

Click on the link below to download a copy of HAR, Chapter 11-54.

The Water Quality Standards Maps can be found by clicking on the link below.

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters:

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters.

If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge.

For Example:

Type:

Discharge Point 1 (From)

Latitude 21.274685 N, Longitude 158.012768 W

(Click the "+" button in the tab heading row above to enter the next location)

Then type:

Discharge Point 1 (To)

Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label

Pohakuloa Gulch

Discharge Point

19D47'15"N155D29'49"W

List all discharges at this discharge point (e.g. storm water associated with construction activities; storm water associated with industrial activities; hydrotesting waters; dewatering effluent; cooling water; secondary treated wastewater effluent; etc.).

storm water associated with construction activities

Is the receiving State water on the Section 303(d) List?:

Click on the link below to view the Section 303(d) List.

Is the receiving State water on the Section 303(d) List?

No

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).

NONE PROVIDED

Are there additional discharge points into receiving State waters?

Yes

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

6. Receiving State Water(s) Information (5)

HAR, Section 11-54-1 defines State waters as

All waters, fresh, brackish, or salt around and within the State, including, but not limited to, coastal waters, streams, rivers, drainage ditches, ponds, reservoirs, canals, and lakes, provided that drainage ditches, ponds, and reservoirs required as part of a water pollution control system are excluded. This chapter applies to all state waters, including wetlands, subject to the following exceptions: (1) This chapter does not apply to groundwater. (2) This chapter does not apply to ditches, flumes, ponds and reservoirs that are required as part of a water pollution control system. (3) This chapter does not apply to ditches, flumes, ponds, and reservoirs that are used solely for irrigation and do not overflow into any other state waters, unless such ditches, flumes, ponds, and reservoirs are waters of the United States as defined at 40 C.F.R. 122.2.

A receiving State water is the first State water that receives the discharge.

Note: You must identify a receiving State Water before an NPDES permit can be issued. Identify the receiving State water name in relation to the facility or project site based on the topography or contours of the land, excluding evaporation, percolation, retention, detention, etc. The receiving State water must be a surface water. Sample responses for this item include: Pacific Ocean at Sandy Beach, Honolulu Harbor, Pearl Harbor, Aiea Stream, Unnamed Stream Kaloi Gulch, Unnamed Dry Gulch, Unnamed Wetlands, etc.

Receiving State Waters Name

Wailuku River

Select the receiving State water CLASSIFICATION:

Classifications are defined in HAR, Chapter 11-54 and on the Water Quality Standards Maps available on the CMB website. The Water Quality Standards Maps are provided for general information only and are to be used in conjunction with HAR, Chapter 11-54.

Click on the link below to download a copy of HAR, Chapter 11-54.

The Water Quality Standards Maps can be found by clicking on the link below.

Receiving State Water Classification

Class 2, Inland

Coordinates of the Discharge Point into State waters:

Provide the coordinates of the discharge point (in decimal degrees) where discharge from the facility or construction site first enters the receiving State water. If the discharge first enters a storm drainage system, provide the discharge point coordinates for the outfall where the storm drainage system enters State waters.

If the storm water discharge enters the receiving State water as a sheet flow, provide the coordinates based on the limits of discharge.

For Example:

Type:

Discharge Point 1 (From)

Latitude 21.274685 N, Longitude 158.012768 W

(Click the "+" button in the tab heading row above to enter the next location)

Then type:

Discharge Point 1 (To)

Latitude 21.304811N, Longitude 158.022721 W

Properly label the discharge points with numbers (i.e., Discharge Point No. 1, Discharge Point No. 2, etc.) which correspond to the location map(s) and flow chart(s) submitted.

Discharge Point label

Wailuku River

Discharge Point

19D42'43"N155D18'27"W

List all discharges at this discharge point (e.g. storm water associated with construction activities; storm water associated with industrial activities; hydrotesting waters; dewatering effluent; cooling water; secondary treated wastewater effluent; etc.).

storm water associated with construction activities

Is the receiving State water on the Section 303(d) List?:

Click on the link below to view the Section 303(d) List.

Is the receiving State water on the Section 303(d) List?

Yes

If your Receiving Water is on the Section 303(d) List, please provide the impairment pollutant(s).

NONE PROVIDED

Are there additional discharge points into receiving State waters?

No

If YES was selected, click the "+" button in the tab area at the top of this section to describe additional discharge points into receiving State waters.

7. Receiving Drainage System(s) Information (1)

Does the discharge enter a STORMWATER DRAINAGE SYSTEM before discharging into the receiving State waters?

No

If YES selected, provide the information for ALL of the following questions in this section.

Drainage System Owner's Name

NA

Drainage System Owner's Approval:

Please submit the Drainage System owner's approval to allow the subject discharge to enter their Drainage System. If the project owner also owns the Drainage System, you do not have to submit the approval.

Drainage System Owner's Approval to Discharge

NONE PROVIDED

Please note that if you did not attach the Drainage System Owner's Approval to this application, you are required to submit the Approval to Discharge at least 30 calendar days before the start of construction activities or discharge, whichever is sooner.

Will Drainage System Owner's approval be submitted at least 30 calendar days before start of construction?

N/A.

If the Drainage System Owner is the same as the Owner of this Project, please select one of the following.

Private - System is privately owned and the Owner approves of the subject discharge.

Are there additional Drainage Systems that may receive stormwater runoff from the project?

No

If YES was selected, click the "+" button in the tab area at the top of this section to provide additional Receiving Drainage System information.

8. Authorized Representative

Authorization:

The Certifying Person hereby authorizes the named individual or any individual occupying the named position of the company/organization listed below to act as our representative to submit information/documents necessary to complete the NPDES application to discharge to State waters from the subject facility. Our representative is further authorized to submit information/documents for compliance with the NPDES permit conditions, except submittal of the Notice of Cessation (NOC). The Owner hereby agrees to comply with and be responsible for all NPDES permit conditions.

This authorization begins with NPDES application processing and ends upon receipt of the NOC by the CWB. The Owner authorizes the duly authorized representative to submit additional information/documents necessary to complete the NPDES application and to submit information/documents to comply with the NPDES permit conditions. The Owner is responsible for all information/documents submitted by the duly authorized representative for completion of the NPDES application and for compliance with the NPDES permit conditions. The Certifying Person is required to sign the NOC Form for the project. After receipt of the NOC for the project, the duly authorized representative is no longer recognized by the CWB.

The responsibility of the authorized representative cannot be delegated to an outside consultant with no financial responsibility for the company - they cannot sign as the "authorized representative" on behalf of the Owner. This requirement stems from the fact that self-reporting is critical under the Clean Water Act and Hawaii Water Pollution statutes; reports filed with

CWB can have serious legal consequences, including possible civil and even criminal liability. The Owner in signing reports, therefore, must be represented by someone who has some responsibility for the corporation's financial interests.

The Certifying Person attests that the authorized representative 1) meets the requirements of HAR 11-55-07(b) and 2) has financial responsibility within the corporation/organization who can attest to the accuracy of reports either because he or she participated in the preparation of the report, or supervises those who did prepare it and can attest that those individuals followed standard protocols that ensure the accuracy of the report. Both the Certifying Person and authorized representative understand that they can be subject to civil and criminal liability for non-compliance with NPDES permit conditions, non-compliance with HAR Chapters 11-54 and 11-55, and for falsifying information.

Yes. I certify that the above is true.

Authorized Representative Contact Information:

Complete the following for your Authorized Representative.

Authorized Representative Company/Organization Name

TMT Observatory Corporation

Authorized Representative Department

NA

Authorized Representative Division

NA

Authorized Representative Mailing Address

1200E. California Boulevard, Mail Code 102-8
Pasadena, CA 91125

Authorized Representative Street Address

1200E. California Boulevard, Mail Code 102-8
Pasadena, CA 91125

Authorized Representative First Name

Paul

Authorized Representative Salutation

Mr.

Authorized Representative Last Name

Gillett

Authorized Representative Email Address

pgillett@tmt.org

Authorized Representative Phone (e.g., 555-555-5555)

626-395-1654

Authorized Representative Alternate Phone (cell) (e.g., 555-555-5555)

502-245-4764

Authorized Representative Fax (e.g., 555-555-5555)

626-395-8909

9. Discharge Specific Attachments

a. Please select the form(s) for the discharge/activity you are requesting NPDES permit coverage. You may cover multiple discharges under one (1) NPDES permit application.
Form C - Discharges of storm water associated with construction activities.

b. Download and complete appropriate form(s):

For all of the discharges/activities you are requesting NPDES permit coverage (Section 9.a above), please download and complete all of the appropriate forms (Section 9.d below).

c. Upload completed form(s).

[2014-03-31_TMTObsFormC.pdf](#)

[2014-03-31_TMTObsSWPPP.pdf](#)

d. Discharge specific forms.:

Please see below for all of the discharge specific forms. A description of the discharge/activity is provided. Click on the link to download the form.

Form B - Discharges of storm water associated with industrial activities. NPDES permit coverage is required for discharges of storm water runoff associated with industrial activity(ies), as categorized in 40 CFR 122.26(b)(14)(i) through 122.26(b)(14)(ix) and 122.26(b)(14)(xi).

Form C - Discharges of storm water associated with construction activities. NPDES permit coverage is required for activities that disturb one (1) acre or more of total land area. NPDES permit coverage is also required for activities that disturb less than one (1) acre of total land area that are part of a larger common plan of development or sale if the larger common plan will ultimately disturb one (1) acre or more of total land area [40 CFR 122.26(b)(15)].

Land disturbance includes, but is not limited to clearing, grading, grubbing, uprooting of vegetation, demolition (even if leaving foundation slab), staging, stockpiling, excavation into pavement areas which go down to the base course, and storage areas (including areas on the roadway to park equipment if these areas are blocked off from public usage, grassed areas, or bare ground).

Form D - Discharges of treated effluent from leaking underground storage tank remedial activities. NPDES permit coverage is required for the release or discharge of treated ground water to State waters from the cleanup (or remedial action) of underground storage tanks that have leaked petroleum hydrocarbons.

Form E - Discharges of once through cooling water less than (1) million gallons per day. NPDES permit coverage is required for discharges to State waters of once through cooling water with a total flow of less than one (1) million gallons per day. "once through cooling water" means water passed through the main cooling condensers one or two times for the purpose of removing waste heat.

Form F - Discharges of hydrotesting waters. NPDES permit coverage is required for the release or discharge of hydrotesting waters to State waters. "Hydrotesting Waters" means water used to test the integrity of a tank or pipeline, pipeline disinfection, and/or pipeline flushing.

Form G - Discharges of construction activity dewatering. NPDES permit coverage is required for discharges to State waters of construction activity dewatering effluent. "Dewatering Effluent" is any type of water (e.g. ground water, storm water, stream water, ocean water, etc.) pumped from a construction area.

Form H - Discharges of treated process wastewater associated with petroleum bulk stations and terminals. NPDES permit coverage is required for discharges to State waters of treated process wastewater effluent from petroleum bulk stations and terminals. Treated process wastewater effluent includes tank water draws, product displacement process wastewater, wash down and fire hydrant system test waters, service station tank draws, recovered groundwater, and contaminated storm water runoff from the product storage and handling areas.

Form I - Discharges of treated process wastewater associated with well drilling activities. NPDES permit coverage is required for discharges to State waters of treated process wastewater associated with well drilling activities. Treated process wastewater includes well drilling slurries, lubricating fluids wastewaters, and well purge wastewaters.

Form K - Discharges of storm water and certain non-storm water discharges from small Municipal Separate Storm Sewer Systems (MS4s). NPDES permit coverage is required for storm water and certain non-storm water discharges to State waters from small MS4s.

Form L - Discharges of circulation water from decorative ponds or tanks. NPDES permit coverage is required for discharges to State waters of circulation water from decorative ponds or tanks containing fish or other aquatic species.

Form M - Point source discharges from the application of pesticides. NPDES permit coverage is required for the application of pesticides to State waters.

Form 2A - Pollutant discharges from a publicly owned treatment works to a State water.

Form 2B - Pollutant discharges from a concentrated animal feeding operation or aquatic animal production facility to a State water.

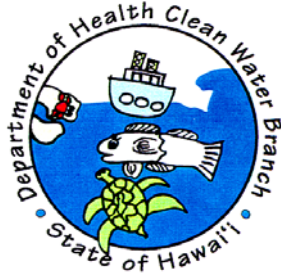
Form 2C - Discharges of wastewater to a State water from an existing facility, other than described in Form 2A and 2B.

Form 2D - Discharges of process wastewater to a State water from a new, proposed facility, other than described in Form 2A and 2B. Process wastewater is water that comes into direct contact with or results from the production or use of raw materials, intermediate product, finished product, byproduct, waste product, or wastewater.

Form 2E - Discharges of nonprocess wastewater which is not regulated by effluent limitation guidelines or new source performance standards. This form is intended primarily for use by dischargers (new or existing) of sanitary wastes and noncontact cooling water. It may not be used for discharges of storm water runoff or by educational, medical, or commercial chemical laboratories, or by publicly owned treatment works.

Form 2S - Sewage sludge (biosolids) for new and existing treatment works treating domestic sewage.

ZOM Form - Zone of Mixing (ZOM).



State of Hawaii, Department of Health, Clean Water Branch

NPDES Form C

Application for HAR, Chapter 11-55 - NPDES Individual Permit Authorizing Discharges of Storm Water Associated With Construction Activities (as defined in 40 CFR §§122.26(b)(14)(x) and 122.26(b)(15)(i))

All sections of this form MUST be completed for National Pollutant Discharge Elimination System (NPDES) Permit compliance.

C.1 – General Information

You are required to fulfill all requirements and check the box below. If you do not check the box, your application will be considered incomplete, and the CWB may deny your request for NPDES permit coverage with prejudice.

✓ I certify that:

- *My Storm Water Pollution Prevention Plan (SWPPP) was prepared in accordance with HAR, Chapter 11-55, Appendix C, Section 7.*
- *I will comply with all terms, conditions, and requirements in HAR Chapter 11-55, Appendix C.*
- *I will implement, operate, and maintain my SWPPP to ensure that storm water discharges associated with construction activities will not violate HAR, Chapter 11-54; HAR, Chapter 11-55; and HAR, Chapter 11-55, Appendix C.*

C.2 - Existing Pollution Sources/ History of Land Use

Describe the history of land use at the existing Facility/Project site: There are other telescopes on the summit of Mauna Kea, but the site for the TMT has not been built on previously. The Access Way would also be in an area where there has not been previous construction. The Batch Plant Staging Area has been used as a concrete batch plant and staging for the construction of previous telescopes. The Hale Pōhaku Staging Area has been used to support activities in the Astronomy Precinct; it has been used for similar purposes during the construction of other observatories.

Determine if the existing Facility/Project site may contain any existing pollution source(s) by using the following references. Place a check next to all references you utilized to determine existing pollution source(s). You are required to check at least one reference.

- a. *DOH, Solid and Hazardous Waste Branch-Hawaii Underground Storage Tank- Leaking Underground Storage Tank database*
- b. *DOH, Hazard Evaluation and Emergency Response Office records*
- c. *Phase I and/or Phase II Environmental Site Assessments, as applicable*
- ✓ d. *Recent site inspections*

- e. Past land use history
 f. Soil sampling data, if available
 g. Other (specify): _____

Describe any existing pollution source(s) identified in the references you checked above: none

Describe any corrective measures that have been undertaken for any existing pollution source(s): none

C.3 - Construction Site Estimates

Please provide the following estimates for the construction site.

Total project area including areas to be left undisturbed: 13.8 acres

Construction site area to be disturbed including storage and staging areas: 13.8 acres

Impervious area before construction: 13.8 acres

Impervious area after construction: 2.7 acres

C.4 - Quantity of Storm Water Runoff

Estimate the quantity of storm water runoff during construction when the greatest and/or maximum area of disturbance occurs. Provide the supporting calculations in an attachment or insert in this section.

The estimate of quantity of storm water runoff during construction has been calculated using the "rational method": $Q = CIFA$, where Q = flow rate in CFS, C = a runoff coefficient related to the permeability of the ground surface (higher numbers indicate more runoff, lower number indicates more infiltration/less runoff), I = rainfall intensity in inches/hour for a 10-year storm in the project area obtained from maps published by the State of Hawai'i Department of Land and Natural Resources, F = a correction factor of 2.3, and A = the drainage area or construction site area (the greatest area being disturbed at one time, therefore may be less than the total site area), in acres. In this case the variables are as follows:

C: 0.5

I: 1 inch/hour

F: 2.3

A: 13.8 acres

___ Millions of Gallons per Day (MGD)

or

16 Cubic Feet per Second (CFS)

C.5 - Soil Characterization

Describe the nature of the soil on the project site (including the potential to encounter contaminated soil) and the nature of the fill material to be used: There is no soil at the project

sites in the summit region. The area lava flows are recent. There is a very small amount of soil developed only at the Hale Pōhaku Staging Area. The Hale Pōhaku Staging Area and the Batch Plant area have been used during previous construction projects.

C.6 - Nature and Sequence of Construction Activity

What is the function of the construction activity (Please check all applicable activity(ies))?

- Residential Commercial Industrial Road Construction Linear Utility
✓ Other (please specify): A research observatory

What is being constructed? The TMT Observatory and access way road

Describe the scope of work and major construction activities you wish to be covered in this NPDES application, including baseyards and staging areas. You may only include project areas where the locations of impervious structures are known; project areas where the final grades are known; and work areas that will be performed by one (1) general contractor. A separate NPDES application will be required for all other project areas.

The scope of work is the construction of the observatory and access way road. The observatory will consist of the dome, which will be roughly 180 feet tall, and a support building, which will be roughly 18,000 square feet in size. The Access Way road will be roughly 0.65 miles long and asphalt paved.

Two staging areas will be utilized: (a) the 4-acre Batch Plant Staging Area in the summit region, and (b) the 1.5 acre Hale Pōhaku Staging Area at an elevation of roughly 9,000 feet.

C.7 - Existing or Pending Permits, Licenses, or Approvals

Place a check next to all applicable Federal, State, or County permits, Licenses, or approvals for the project and specify the permit number.

- Other NPDES Permit or NGPC File No.: NA
 Department of the Army Permit (Section 404): NA

If your project requires work in, above, under or adjacent to State waters, please contact the Army Corps of Engineers (COE) Regulatory Branch at (808) 438-9258 regarding their permitting requirements. Provide a copy of the COE permitting jurisdictional determination (JD) or the JD with COE Person's Name, Phone Number, and Date Contacted.

- Facility on SARA 313 List (identify SARA 313 chemicals on project site): NA
 RCRA Permit (Hazardous Wastes): NA
 Section 401 Water Quality Certification: NA
 Other (Specify): Conservation District Use Permit (CDUP): HA-3568

County-approved Erosion and Sediment Control Plan and/or Grading Permit

- a. Is a County-approved Erosion and Sediment Control Plan and/or Grading Permit, where applicable for the activity and schedule for implementing each control, required?

✓ Yes. Please complete Section C.7.b below and skip Section C.7.c.

No. Please complete Section C.7.c below and skip Section C.7.b.

b. Is a copy County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, attached?

Yes, see Attachment ___

✓ No, the County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, will be submitted at least 30 calendar days before the start of construction activities.

c. Please select and complete at least one (1) of the following items to demonstrate that a County-approved Erosion and Sediment Control Plan and/or Grading Permit, as appropriate for the activity and schedule for implementing each control, is not required.

See Attachment ___ for the County written determination.

Provide the County contact person information (Name, Department, Phone Number, and Date Contacted): ___

The project is a Federal Project and does not require County approval.

Other (specify): ___

C.8 - Project Site Maps and Construction Plans/Drawings

Attach, title, and identify all maps (pdf - minimum 300 dpi) listed below, in Attachment A.

Please reference which maps account for the features listed below. See Appendix A of attached SWPPP

a. Island on which the project is located. Hawai'i Island, Figure 1

b. Vicinity of the project on the island. Mauna Kea summit region, Figures 1 through 4

c. Legal boundaries of the project. Figures 2 through 4

d. Receiving State water(s) from Section 6 of e-Permitting form and receiving separate drainage system(s) from Section 7 of e-Permitting form, identified and labeled. Figure 5

e. Location of ALL discharge points from Section 6 of e-Permitting form with identification numbers. Figure 5

f. Boundaries of 100-Year flood plans. NA, no flood plains in project region

g. Areas of soil disturbance. Figures 6, 7, and 8

h. Location(s) of impervious structures (including buildings, roads, parking lots, etc.) after construction is completed. Figure 6

i. Pre-Construction Topography including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows). Figure 4 (need to make this still, but it is easy). The Receiving State waters are too far from the work area to show receiving water locations and construction site topography at the same scale. The lava flows are porous and

it is doubtful that any water from the site would reach the receiving water bodies. Figure 5 shows the Receiving State waters and the construction areas.

- j. During-Construction Topography (after major grading activities) including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows). Figures 6. The Receiving State waters are too far from the work area to show receiving water locations and construction site topography at the same scale. The lava flows are porous and it is doubtful that any water from the site would reach the receiving water bodies. Figure 5 shows the Receiving State waters and the construction areas.
- k. Post-Construction Topography including approximate slopes and drainage patterns for the entire Facility/Project site to the receiving storm water drainage system (if applicable) or to the receiving State water(s) (with flow arrows). Figures 6. The Receiving State waters are too far from the work area to show receiving water locations and construction site topography at the same scale. The lava flows are porous and it is doubtful that any water from the site would reach the receiving water bodies. Figure 5 shows the Receiving State waters and the construction areas.

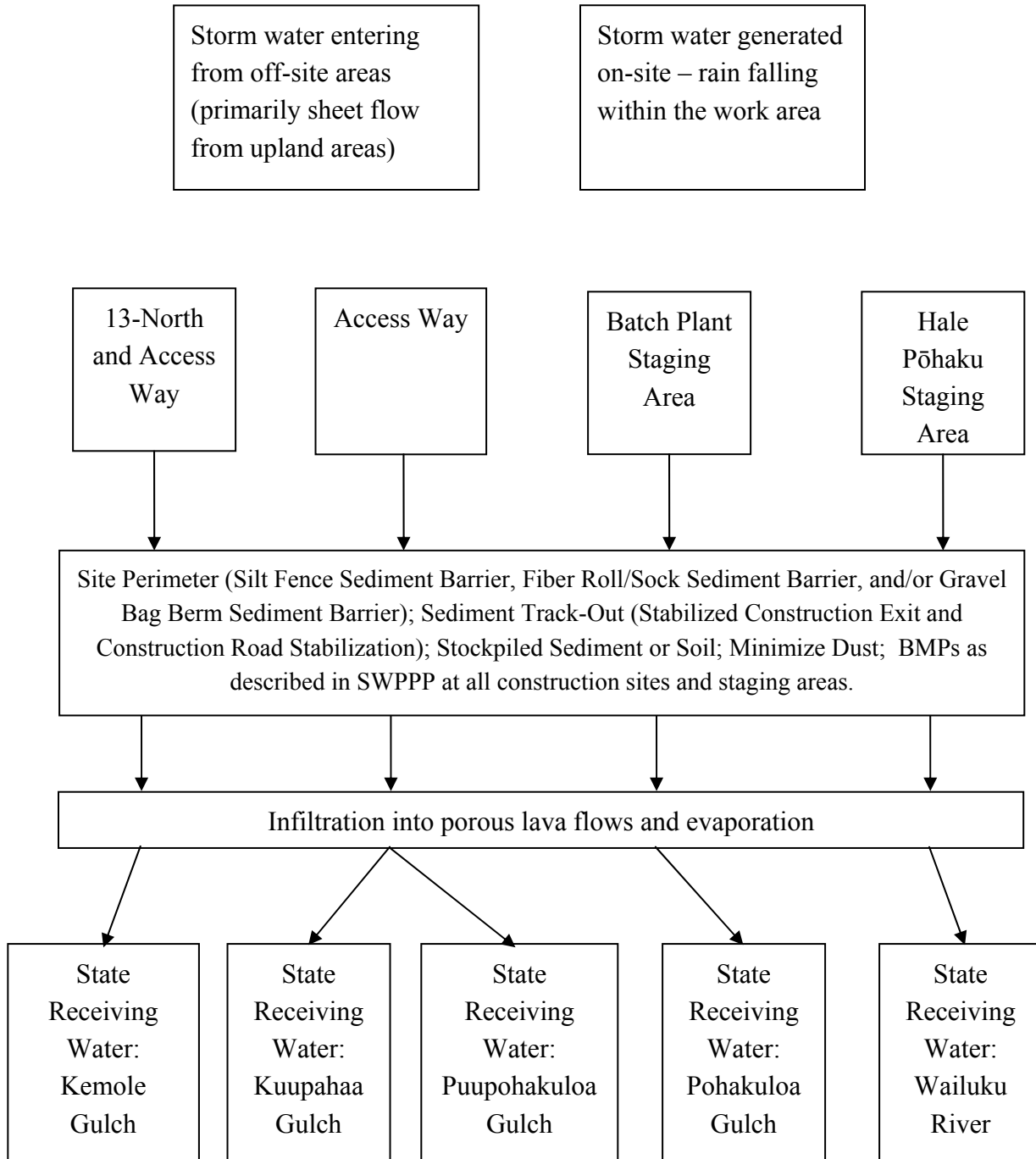
C.9 - Flow Chart or Line Drawing

Attach or insert in Attachment A, a flow chart showing the following (Check each item, as applicable):

- ✓ a. Storm water entering the project from off-site areas
- ✓ b. General route taken by storm water through the project (show the routes through different drainage areas)
- ✓ c. Treatment system(s) utilized for the reduction of sediment (e.g., silt fence, earth berm, detention basin, vegetated swale, etc.)
- ✓ d. Best Management Practices (BMPs) utilized to prevent erosion (e.g., erosion control mats, reduced open area, revegetation, etc.)
- ✓ e. Quantity of flow through each applicable route from upslope to the receiving State water
- f. Drainage system(s) receiving storm water from the project, as applicable (e.g., City and County of Honolulu Municipal Separate Storm Sewer System (MS4), etc.)
- ✓ g. State water name(s) receiving storm water from the project

Indicate which item(s) are not identified and explain why the item(s) are not identified There is no receiving stormwater system like an MS4 for the area.

Flow Chart (item C.9)



C.10 - Construction Schedule

Provide the following estimated dates:

The date when construction activity will begin: July 1, 2014

The date when each major construction activity begins: Phase 1-July 1, 2014; Phase 2-January 2015

The date when the Notice of Cessation form will be submitted December 30, 2020

C.11 – Storm Water Pollution Prevention Plan (SWPPP)

Include your SWPPP that complies with HAR, Chapter 11-55, Appendix C in Attachment A.

You are responsible for the design, implementation, operation, and maintenance of the SWPPP to ensure that storm water discharges associated with construction activities will not cause or contribute to a violation of HAR, Chapter 11-54, Chapter 11-55, and Chapter 11-55 Appendix C.

The contractor may augment or improve BMPs for discharges of storm water associated with construction activity after the NPDES permit is issued in accordance to HAR, Chapter 11-55, Appendix C. These amendments do not have to be submitted to the DOH-CWB, but shall be kept on-site and available upon request.

Attachments

***Attachment A - Project Site Maps, Construction Plans/Drawings, Flow Chart, and SWPPP
(Sections C.8, C.9, & C.11)***

PROJECT SITE MAPS, CONSTRUCTION PLANS/DRAWINGS, AND SWPPP

***See separate SWPPP File
Site Maps and Plans are in Appendix A of the SWPPP***

