

## **Storm Water Pollution Prevention Plan (SWPPP)**

Notice of General Permit Coverage (NGPC) File No. HI \_\_\_\_\_  
Preparation Date 4/ 24/17

### **Table of Contents**

|                                                                                                                                                                                                  |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Table of Contents .....                                                                                                                                                                          | 2  |
| 7.0 Preface .....                                                                                                                                                                                | 3  |
| 7.0.1 Notes for Contractor/HDOT Construction Personnel .....                                                                                                                                     | 3  |
| 7.2.1 Storm Water Team .....                                                                                                                                                                     | 4  |
| 7.2.2 Nature of Construction Activities Form C.6.....                                                                                                                                            | 6  |
| 7.2.3 Emergency Related Projects .....                                                                                                                                                           | 7  |
| 7.2.4 Identification of Prime Contractor and Other Site Contractors.....                                                                                                                         | 7  |
| 7.2.5 Sequence and Estimated Dates of Construction Activities .....                                                                                                                              | 8  |
| 7.2.6.1 Property Boundary Maps.....                                                                                                                                                              | 9  |
| 7.2.6.2 to 7.2.6.8 State Waters and BMP Maps.....                                                                                                                                                | 11 |
| 7.2.7 Construction Site Pollutants .....                                                                                                                                                         | 13 |
| 7.2.8 –Sources of Non-Storm Water .....                                                                                                                                                          | 14 |
| 7.2.9 –Buffer Documentation.....                                                                                                                                                                 | 16 |
| 7.2.10 Storm Water Control Measures .....                                                                                                                                                        | 18 |
| BMP Details.....                                                                                                                                                                                 | 18 |
| 7.2.10.2 – Stabilization Practices .....                                                                                                                                                         | 41 |
| 7.2.10.3 – Post Construction Measures.....                                                                                                                                                       | 43 |
| 7.2.11.1 – Spill Prevention and Response Procedures .....                                                                                                                                        | 44 |
| 7.2.11.2 – Waste Management Procedures .....                                                                                                                                                     | 45 |
| 7.2.12 – Procedures for Inspection, Maintenance, and Corrective Action .....                                                                                                                     | 45 |
| 7.2.13 – Staff Training .....                                                                                                                                                                    | 47 |
| 7.2.14 – Documentation of Compliance with Safe Drinking Water Act Underground Injection<br>Control (UIC) Requirements for Certain Subsurface Storm Water Controls .....                          | 48 |
| 7.2.15 –Other State, Federal, or County Permits.....                                                                                                                                             | 49 |
| 7.2.16 –Other Information As Requested by the Director .....                                                                                                                                     | 50 |
| 7.2.17 Certification of the CWB SWPPP .....                                                                                                                                                      | 51 |
| 7.2.18 Post-Authorization Additions to the SWPPP .....                                                                                                                                           | 52 |
| 7.4 Required SWPPP Modifications.....                                                                                                                                                            | 52 |
| 13.0 Monthly Compliance Report Submittal Requirements.....                                                                                                                                       | 53 |
| SWPPP Attachments .....                                                                                                                                                                          | 54 |
| Attachment A – Contractor/Sub-Contractor Control Maps, Property Boundary Maps, State<br>Waters and BMP Maps, and BMP Details (SWPPP Sections 7.2.4, 7.2.6.1,7.2.6.2 to<br>7.2.6.8 & 7.2.10)..... | 54 |
| Attachment B – HDOT SWPPP Training Log (SWPPP Section 7.2.13).....                                                                                                                               | 55 |
| Attachment C - Construction Schedule (SWPPP Section 7.2.5).....                                                                                                                                  | 57 |
| Attachment D – Subcontractor Certifications/Agreements (SWPPP Section 7.2.4) .....                                                                                                               | 58 |
| Attachment E – HDOT Inspection Report for Kauai, Maui, and Big Island.....                                                                                                                       | 59 |
| Attachment F – Spill Prevention and Response Procedures (SWPPP Section 7.2.11.1) .....                                                                                                           | 69 |

|                                                                                                                                                                                                                                                                                                                                                                                      |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Attachment G – Waste Management Procedures (SWPPP Section 7.2.11.2) .....                                                                                                                                                                                                                                                                                                            | 74 |
| Attachment H – Emergency Related Projects, Departures from Manufacturer’s Specifications<br>for Fertilizers Containing Nitrogen or Phosphorus, Buffer Documentation,<br>Documentation of Compliance with UIC Requirements, Other State/Federal/County<br>Permits, & Other Information as Requested by the Director (SWPPP Sections 7.2.3,<br>7.2.9, 7.2.14, 7.2.15, and 7.2.16)..... | 81 |
| Attachment I – Corrective Action Reports .....                                                                                                                                                                                                                                                                                                                                       | 82 |
| Attachment J – Monthly Compliance Report .....                                                                                                                                                                                                                                                                                                                                       | 85 |
| Attachment K – Post-Authorization Additions to the SWPPP .....                                                                                                                                                                                                                                                                                                                       | 86 |
| Attachment L – SWPPP Modification Log.....                                                                                                                                                                                                                                                                                                                                           | 87 |

## **7.0 Preface**

The following documents are referenced throughout the SWPPP:

- 1) Hawaii Administrative Rules, Chapter 11-55
- 2) HDOT Construction Best Management Practices Field Manual
- 3) Hawaii Standard Specifications for Road and Bridge Construction dated 2005 and applicable special provisions.

### **7.0.1 Notes for Contractor/HDOT Construction Personnel**

*Note: HDOT has permitted all outfalls and disturbed potential Contractor Staging/Storage Areas within the project limits. The Contractor may use any disturbed area acceptable to the Engineer for Staging/Storage. Staging/Storage Areas outside disturbed areas or outside the project limits may require a new NOI submittal. See permitting requirements in Section 209 of the Special Provisions.*

*Outfalls 1 thru 13 discharge to waters not impaired for nutrients or sediments. The following applies to construction areas discharging to these outfalls:*

- 1) *Construction BMPs shall be inspected weekly. For more details see section 7.2.12 of this SWPPP.*
- 2) *Immediately initiate and complete stabilization within 14 calendar days on areas of the site in which earth-disturbing activities have temporarily or permanently ceased. For more details see section 7.2.10.2 of the SWPPP.*