

11 | Baseyard Facilities Program



State of Hawaii, Department of Transportation
Highways Division, Oahu District
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Public Review Draft



A Dewatering Facility is located at Pearl City Baseyard, Pearl City, Hawaii.

The Baseyard Facilities Program is designed to reduce, to the MEP, the discharge of pollutants from five baseyards facilities (Keehi, Kakoi, Pearl City, Waianae, and Windward Baseyards) on Oahu that are subject to the MS4 NPDES Permit requirements.

The Baseyard Facilities Program includes the following control measures:

1. Submit and implement its latest SWPCPs.
2. Implement BMPs during baseyard operations and maintenance activities.
3. Provide training to baseyard staff, as well as training a supervisor or designee(s) at each baseyard who is responsible for overseeing daily activities and ensuring SWPCP implementation, including but not limited to, conducting inspections, identifying deficiencies, and performing corrective actions.
4. Inspect baseyards semiannually using an individual independent of any specific baseyard.

The Baseyard Facilities Program is administered in accordance with the MS4 NPDES Permit requirements referenced in Table 11-1.

Table 11-1. MS4 NPDES Permit Requirements for the Baseyard Facilities Program.

MS4 NPDES Permit Reference	SWMPP Section
Part E.1 – DOT-HWYS Baseyard facilities: Keehi, Kakoi, Pearl City, Waianae, and Windward Baseyards shall continue to implement its latest SWPCP per facility.	Section 11.1
Part E.2 – An individual at each facility shall be charged with ensuring implementation of the SWPCP. The Permittee’s designated representative shall be trained to implement the SWPCP, including but not limited to, conducting inspections, identifying deficiencies, and performing corrective actions. To ensure consistency and provide assistance and oversight, the Permittee shall identify an individual, also trained in the above independent of any specific baseyard, who shall conduct inspections of all five (5) baseyards semi-annually.	Section 11.1 Section 11.2 Section 11.3
Part E.3 – Industrial and commercial facilities seeking industrial storm water coverage shall submit applicable Notice of Intent (NOI) or individual NPDES permit application forms for coverage of industrial storm water discharges.	Section 11.1

Figure 11-1 shows the locations of the five baseyard facilities on Oahu that are subject to the MS4 NPDES Permit requirements.

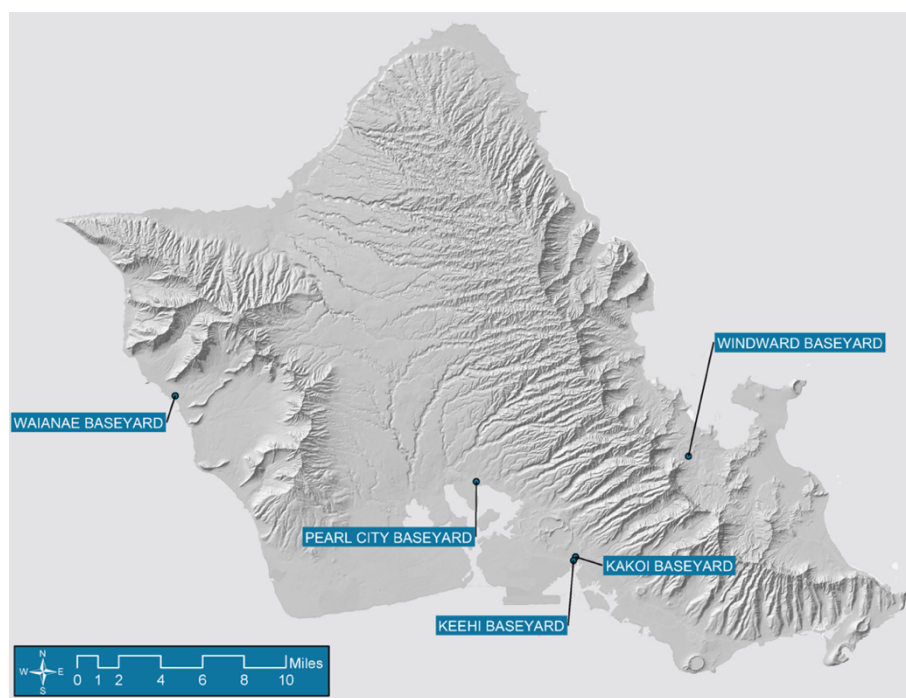


Figure 11-1. Locations of DOT-HWYS Baseyard Facilities Subject to the MS4 NPDES Permit Requirements.

11.0 Program Organization

To fulfill the MS4 NPDES Permit requirements of the Baseyard Facilities Program, the following organizational structure has been established, as shown in Figure 11-2.

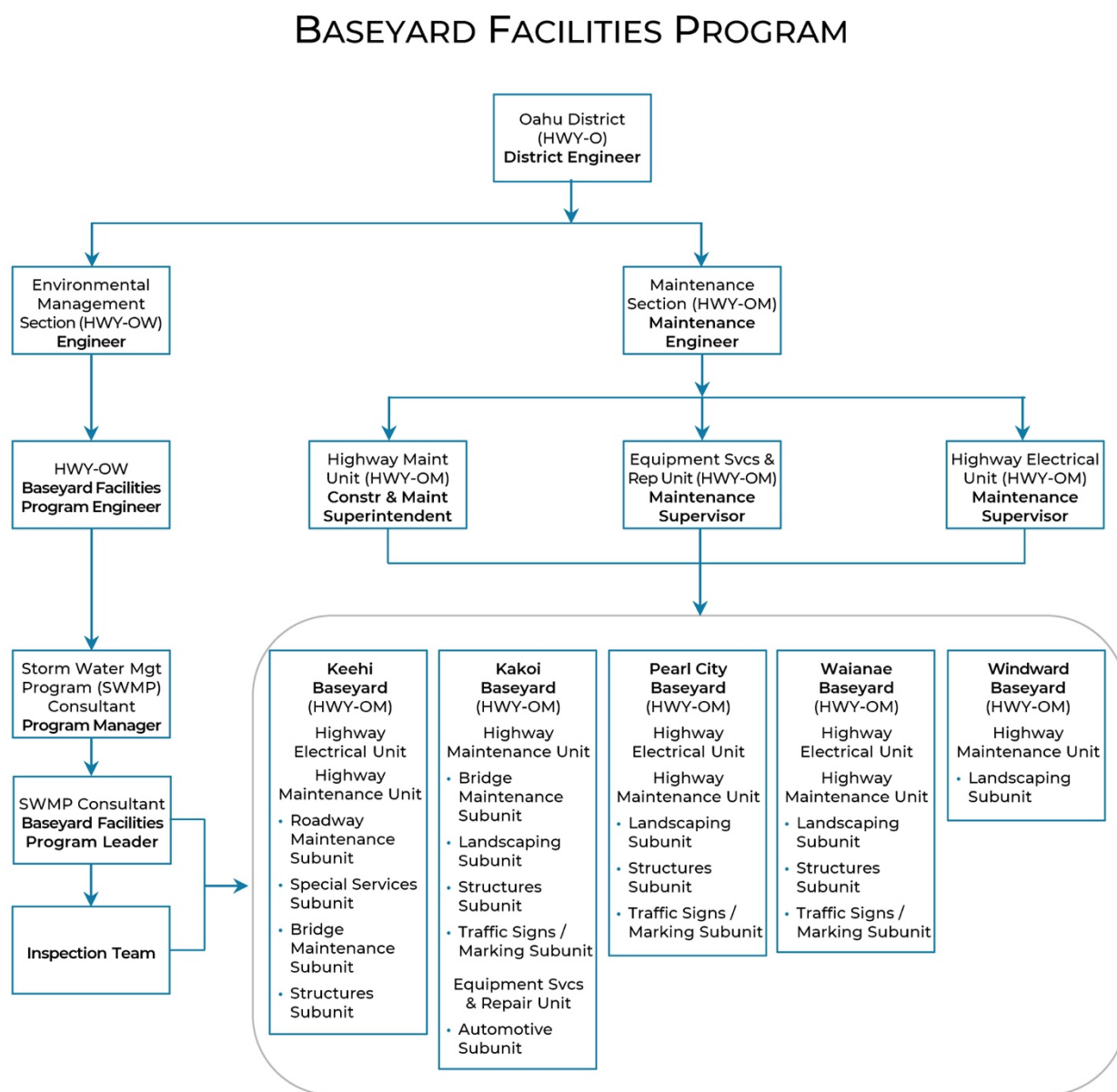


Figure 11-2. Baseyard Facilities Program Organizational Chart.

11.1 SWPCPs Implementation | MS4 NPDES Permit Parts E.1, E.2, and E.3

The Baseyard Facilities Program ensures that all baseyards are operated and maintained in full compliance with their latest SWPCPs. DOT-HWYS implements its latest SWPCP for the five baseyards, which are available on the DOT-HWYS website, www.stormwaterhawaii.com. Any changes made to SWPCPs are provided in the Annual Report.

The SWPCPs establish the BMPs that are implemented at the maintenance baseyards. A hard copy of the respective SWPCP is kept at each baseyard and includes the following information:

- Brief facility description
- Detailed site maps
- Discussion of drainage areas
- Pollutant control strategy
- General operating conditions
- Spill prevention and response plan
- Information about previous leaks and/or spills over a five-year period
- Information regarding storm water discharges that required notification
- Inspection checklist

Should any baseyard facility seek industrial storm water coverage, DOT-HWYS will submit the applicable NOI or individual NPDES permit application forms.

The individuals and teams highlighted in Figure 11-3 are responsible for implementing the control measures described in this section.

BASEYARD FACILITIES PROGRAM

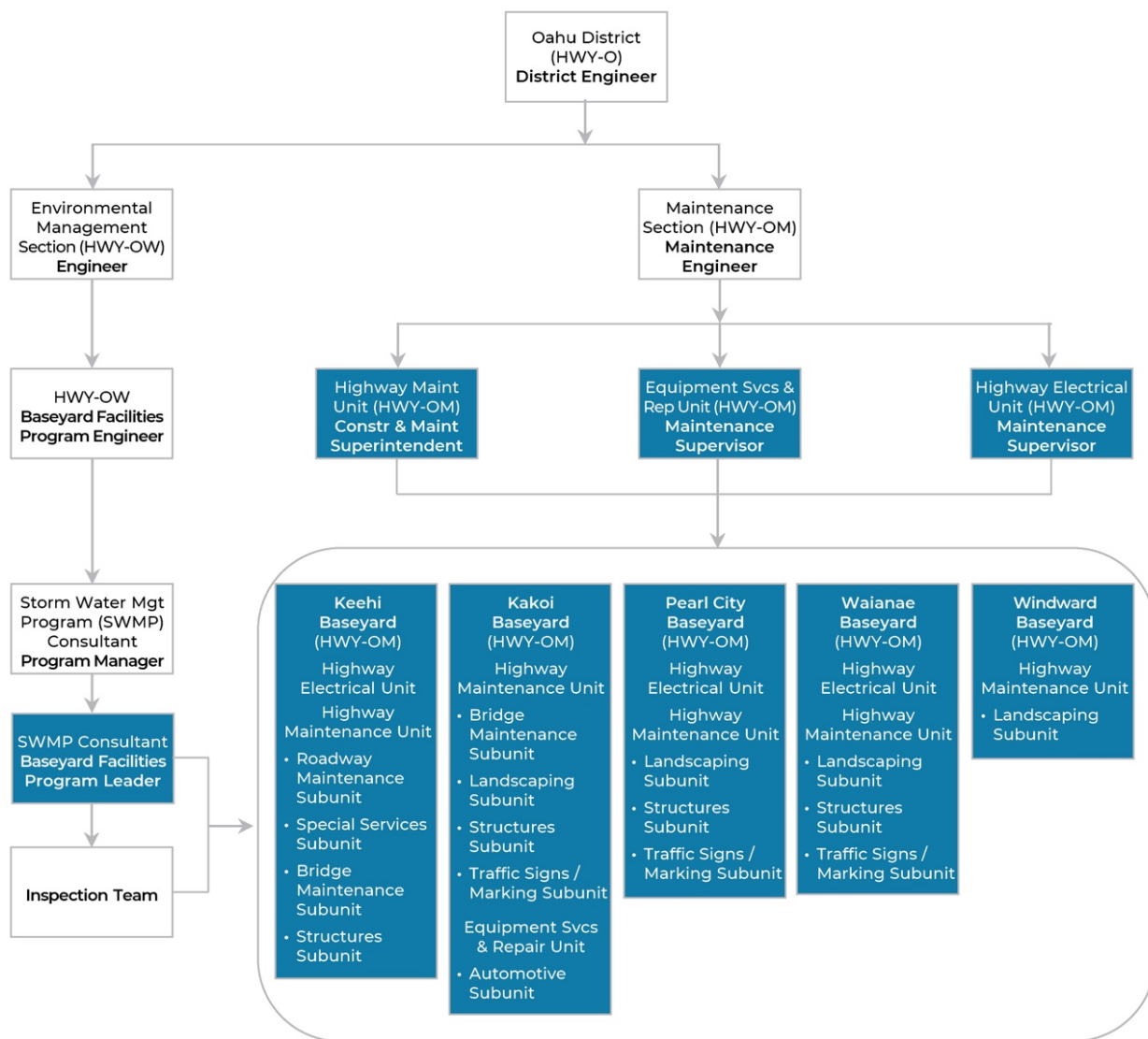


Figure 11-3. Baseyard Facilities Program Organizational Chart for Roles and Responsibilities related to SWPCPs Implementation.

11.2 Training | MS4 NPDES Permit Part E.2

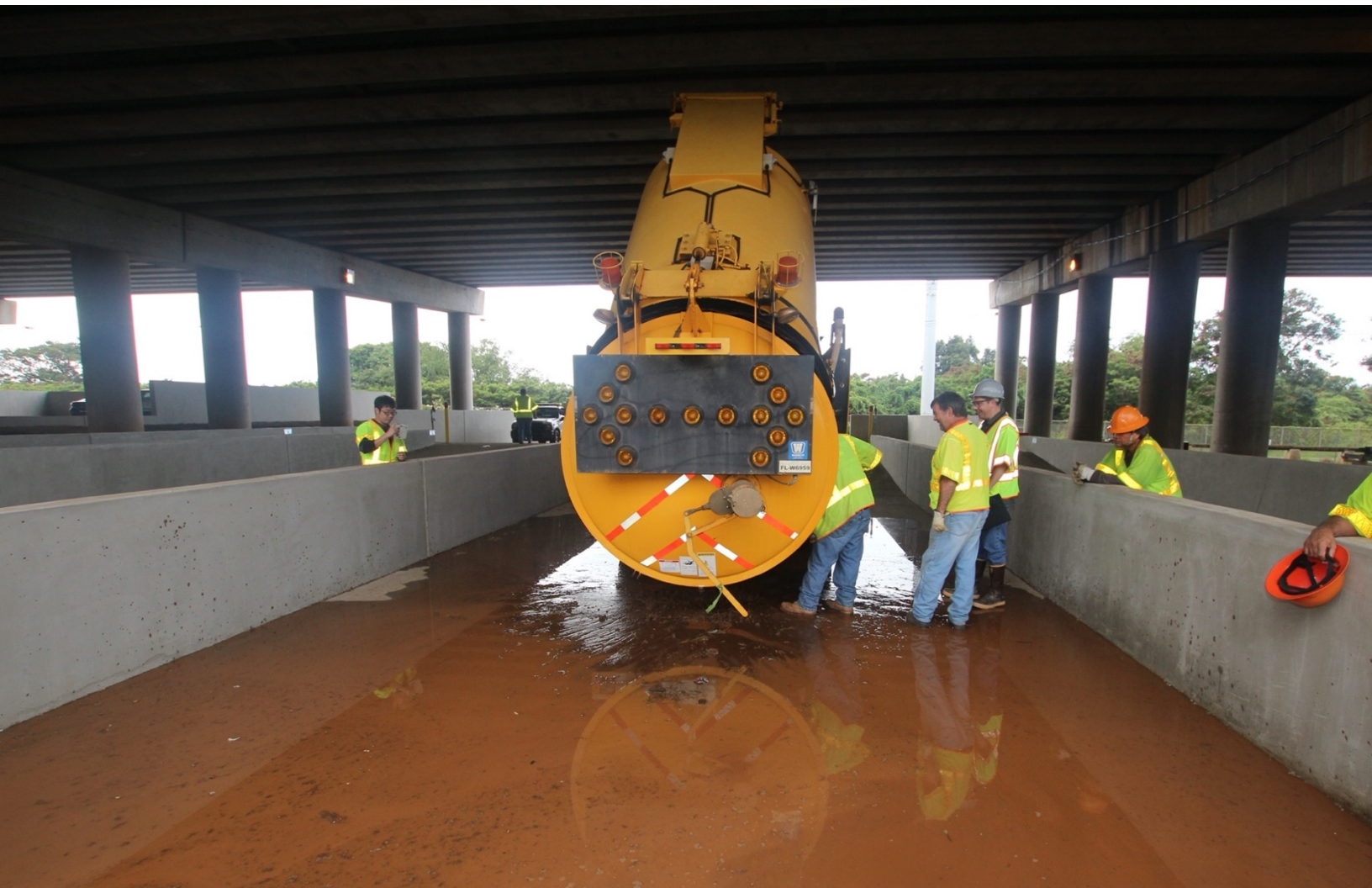
Maintenance staff annually attend the Maintenance Baseyard Storm Water Training (Section 9.3). The training covers topics such as the identification of potential sources of pollutants, BMP and SWPCP implementation, and staff's role in protecting water quality both at baseyards and in the field.

The Maintenance Baseyard Storm Water Training outline is provided in Appendix G.2.

In addition to attending the Maintenance Baseyard Storm Water Training, baseyard supervisors or designee(s) are trained on the following activities:

- SWPCP implementation
- Conducting inspections
- Identifying deficiencies
- Performing corrective actions

Crew receives training at Pearl City Baseyard.



The individuals highlighted in Figure 11-4 are responsible for implementing the control measures described in this section.

BASEYARD FACILITIES PROGRAM

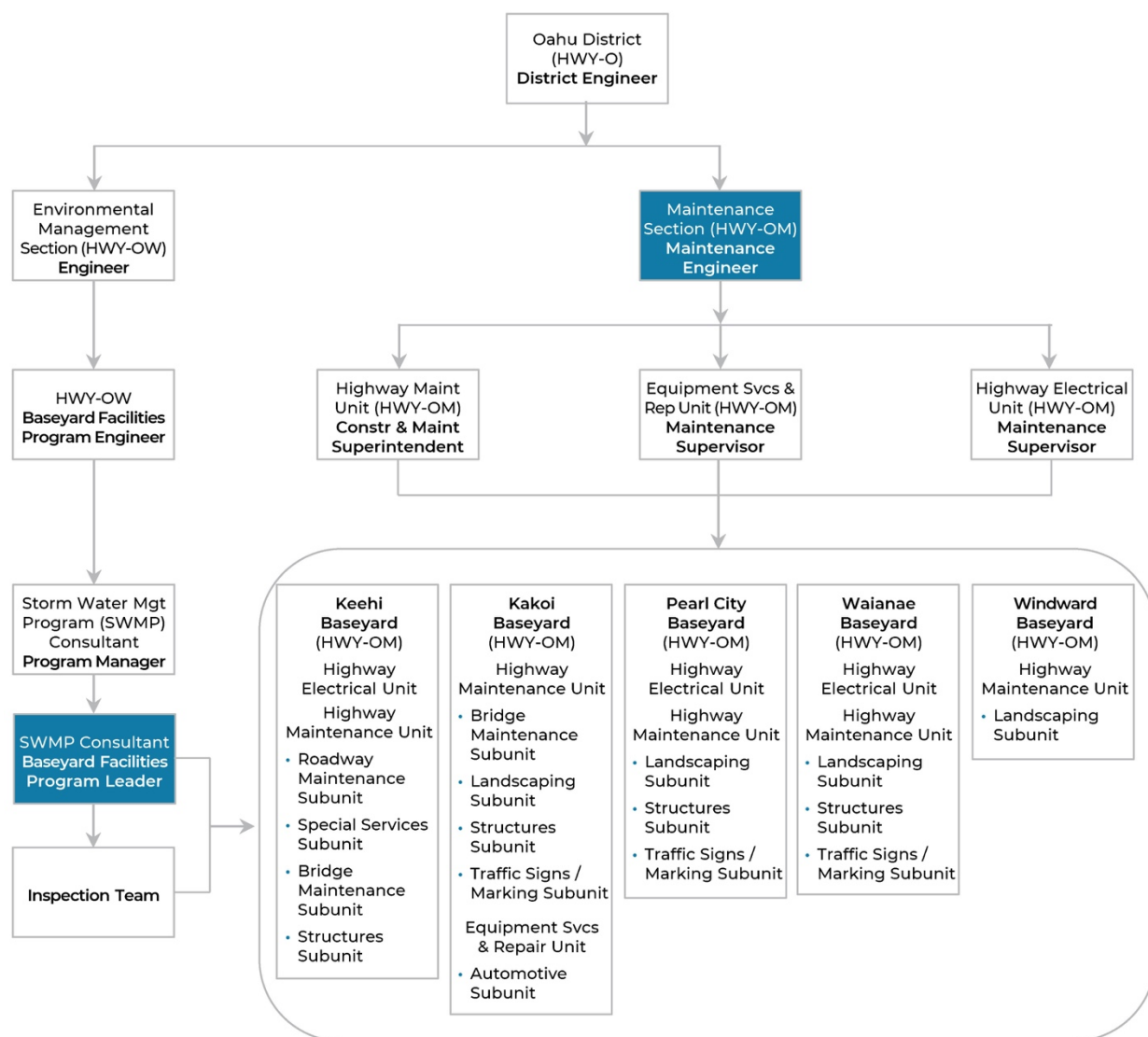


Figure 11-4. Baseyard Facilities Program Organizational Chart for Roles and Responsibilities Related to Training.

11.3 Baseyard Inspections | MS4 NPDES Permit Part E.2

To ensure consistency and provide assistance and oversight, an inspector that is independent of any specific baseyard conducts semiannual inspections of the baseyards.

Inspection results are documented in the AMS Maximo Baseyards Module and are accompanied by photograph documentation. To aid DOT-HWYS in addressing required corrective actions in a timely manner, corrective action timeframes have been established in the SWPCP Inspection Corrective Action Timeframe (Appendix K.1). A description of the corrective actions taken and the date of completion are tracked in the AMS Maximo Baseyards Module.

Independent inspectors conduct semiannual inspections at Windward Baseyard, Kaneohe, Hawaii.



The individual and team highlighted in Figure 11-5 are responsible for implementing the control measures described in this section.

BASEYARD FACILITIES PROGRAM

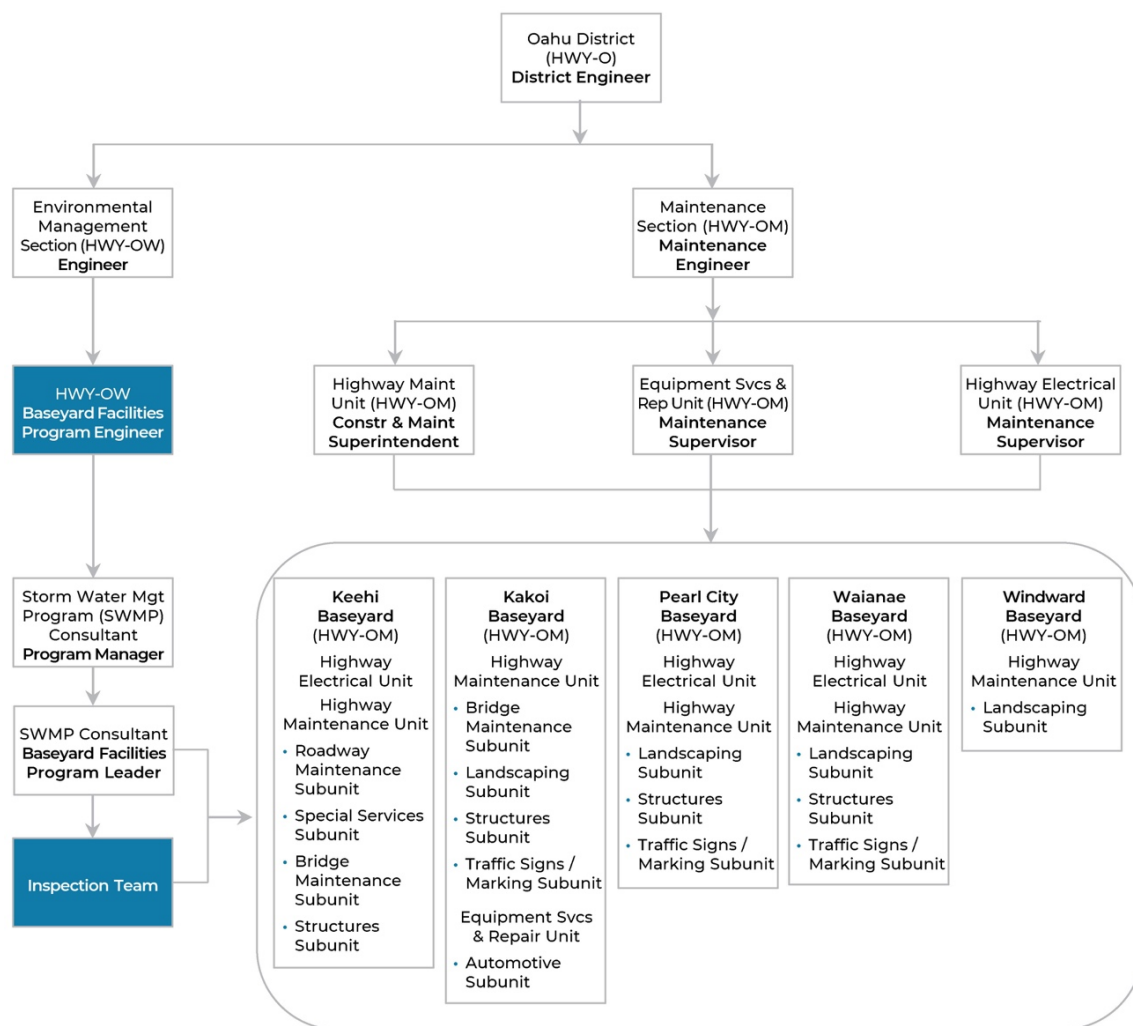


Figure 11-5. Baseyard Facilities Program Organizational Chart for Roles and Responsibilities Related to Baseyard Inspections.

11.4 Monitoring Program Effectiveness

The *Program Effectiveness Strategy* (Appendix A.3, Table 14) provides the measurable standards and/or milestones for each Program BMP, including the outcome level, data collection method, and assessment parameter.