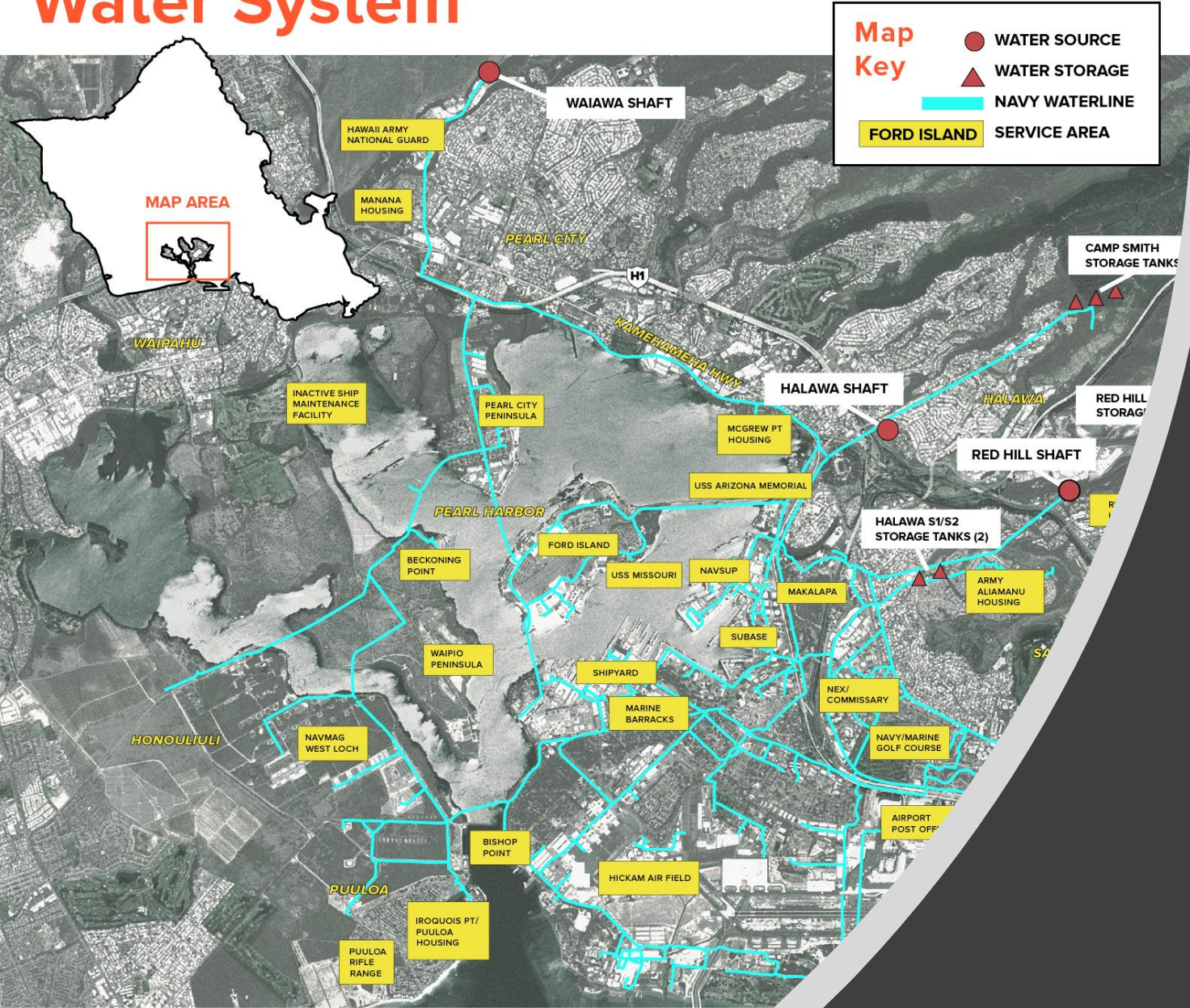


Joint Base Pearl Harbor - Hickam Water System



CWRM Staff Updates
 on Timeframe for
 Water Use Permit
 Modification Process
 and Enforcement
 Recommendations

September 30, 2022
 Item D-1

NAVY WATER USE PERMITS

JOINT BASE PEARL HARBOR HICKAM WATER SYSTEM

Water Use Permit Number	Well Number	Well Name	Aquifer System Area	Permitted Use	Allocation (mgd)	12-MAV as of 8/31/22 (mgd)
85	3-2254-001	Red Hill Shaft	Moanalua	Military	4.659	3.987
86	3-2255-032	Aiea Halawa Shaft	Waimalu	Military	0.697	0.062
111	3-2558-010	Waiawa Shaft	Waipahu-Waiawa	Military	14.977	16.867
Total					20.333	20.916

RED HILL SHAFT (3-2254-001)

Current Use

- Plume Containment vs. Permitted Use – Military
- 12-MAV under Permit Allocation

Staff's Recommendations

- Modify WUP No. 85 with Special Conditions:
 - Change Use from Military to Plume Containment
 - Conditions required under the Permitted Interaction Group's recommendation 1) at the June 14, 2022 Commission meeting
 - Navy must get concurrence from the DOH and EPA that current pumpage is actually containing the plume, within three (3) months
 - Within 30 days, the Navy must propose a plan to find both a use, and conveyance of, the water currently being emptied into Halawa Stream

RED HILL SHAFT (3-2254-001)

Future Modifications

- Change Use from Plume Containment to Military subject to:
 - Closure of the Red Hill Bulk Fuel Tank Farm and any remediation actions required
 - System improvements for non-potable alternative sources and uses
 - System metering for water loss audits

AIEA HALAWA SHAFT (3-2255-032)

Current Use

- Unused vs. Permitted Use – Military
- 12-MAV under Permit Allocation

Staff's Recommendations

- Modify WUP No. 86 with Special Conditions:
 - Change Use from Military to Unused
 - Conditions required under the Permitted Interaction Group's recommendation 1) at the June 14, 2022 Commission meeting

AIEA HALAWA SHAFT (3-2255-032)

Future Modifications

- Change Use from Unused to Military subject to:
 - Approval from DOH Safe Drinking Water Branch
 - End Use justification to show reasonable and beneficial use
 - System improvements for non-potable alternative sources and uses
 - System metering for water loss audits

WAIAWA SHAFT (3-2258-010)

Current Use

- Permitted Use – Military
- 12-MAV Over Permit Allocation

Staff's Recommendations

- Modify WUP No. 111 with Special Conditions:
 - Conditions required under the Permitted Interaction Group's recommendation 1) at the June 14, 2022 Commission meeting
 - Within 30 days, the Navy must provide end use justification to show reasonable and beneficial use
 - Within 30 days, propose a plan to find both a use, and conveyance of, the water currently being emptied into Halawa Stream
 - Use shall be allowed with approval from DOH Safe Drinking Water Branch
- Immediately start process to modify the permit, which will require the revocation of WUP No. 111, publishing of a public notice (to be paid by the Navy) for the modification, and issuance of an interim permit for municipal use, subject to the following:
 - Use shall only be allowed with approval from the DOH Safe Drinking Water Branch

PROCESS & TIMELINE

