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

September 30, 2022
Item D-1
<table>
<thead>
<tr>
<th>Water Use Permit Number</th>
<th>Well Number</th>
<th>Well Name</th>
<th>Aquifer System Area</th>
<th>Permitted Use</th>
<th>Allocation (mgd)</th>
<th>12-MAV as of 8/31/22 (mgd)</th>
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<tbody>
<tr>
<td>85</td>
<td>3-2254-001</td>
<td>Red Hill Shaft</td>
<td>Moanalua</td>
<td>Military</td>
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<td>86</td>
<td>3-2255-032</td>
<td>Aiea Halawa Shaft</td>
<td>Waimalu</td>
<td>Military</td>
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<td>0.062</td>
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<td>111</td>
<td>3-2558-010</td>
<td>Waiawa Shaft</td>
<td>Waipahu-Waiawa</td>
<td>Military</td>
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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
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:
  o Change Use from Military to Unused
  o 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
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:
  o Use shall only be allowed with approval from the DOH Safe Drinking Water Branch
PROCESS & TIMELINE

- September 2022: Publish Public Notice
- October 2022: Comments or Objections
- November 2022: Commission Action