

In the Matter of the Emergency Order to the United States Navy, Docket No. 21-UST-EA-02

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

Bates Beg.	Bates End	Exh. No.	Exhibit
BWS000001	BWS000484	B-1	Work Plan/ Scope of Work, Investigation and Remediation of Releases and Groundwater Protection and Evaluation, Red Hill Bulk Fuel Storage Facility JOINT BASE PEARL HARBOR-HICKAM, O' AHU, HAWAII Administrative Order on Consent in the Matter of Red Hill Bulk Fuel Storage Facility, EPA Docket Number RCRA 7003-R9-2015-01 and DOH Docket Number 15-UST-EA-01, Attachment A, Statement of Work Section 6.2, Section 7.1.2, Section 7.2.2, and Section 7.3.2, January 4, 2017 Revision 02. (https://www.epa.gov/sites/production/files/2017-01/documents/revised section 6-7 scope of work 4 january 2017.pdf).
BWS000485	BWS000515	B-2	Section 8.2: Risk/Vulnerability Assessment Scope of Work, Red Hill Bulk Fuel Storage Facility NAVSUP FLC, Pearl Harbor, HI (PRL), Joint Base Pearl Harbor-Hickam, Administrative Order on Consent In the matter of Red Hill Bulk Fuel Storage Facility EPA Docket No. RCRA 7003-R9-2015-01, DOH Docket No. 15-UST-EA-01. April 13, 2017. (https://www.epa.gov/sites/production/files/2017-04/documents/red hill risk assessment scope of work.pdf).
BWS000516	BWS000567	B-3	RED HILL FACILITY CORROSION AND METAL FATIGUE PRACTICES REPORT Administrative Order on Consent (AOC) and Statement of Work (SOW) Section 5.2. April 4, 2016 (https://www.epa.gov/sites/production/files/2016-07/documents/final corrosion and metal fatigue practices report april 4 2016.pdf)
BWS000568	BWS000603	B-4	Mink, J. F., and L. S. Lau. 1990. Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawai'i. Technical Report No. 179. Honolulu, HI: Univ. of Hawaii, Water Resources Research Center. November 1987; rev. February 1990. (https://scholarspace.manoa.hawaii.edu/bitstream/10125/1961/wrrctr179.pdf)

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS000604	BWS001101	B-5	Monitoring Well Installation Work Plan, Red Hill Bulk Fuel Storage Facility JOINT BASE PEARL HARBOR-HICKAM, O' AHU, HAWAII, July 17, 2016 Prepared for: Defense Logistics Agency Energy, 8725 John J Kingman Rd Suite 4950, Fort Belvoir, VA 22060-6222, Prepared by: AECOM Technical Services, Inc. 1001 Bishop Street, Suite 1600, Honolulu, HI 96813-3698 (https://www.epa.gov/sites/production/files/2016-12/documents/revised_monitoring_well_installation_workplan_july_17_2016.pdt)
BWS001102	BWS001347	B-6	NAVFAC Naval Facilities Engineering Command Engineering and Expeditionary Warfare Center. SITE SPECIFIC REPORT, SSR-NAVFAC EXWC-CI-1655, 11 October 2016, Red Hill Facility, Tank Inspection, Repair, and Maintenance Report, Administrative Order on Consent (AOC) Statement of Work (SOW), Section 2.2. Prepared by Ms. Terri Regin, PE, Mr. Frank Kem, PE, Mr. James Gammon, and Mr. Lean-Miquel Sanpedro (https://www.epa.gov/sites/production/files/2016-10/documents/red-hill-aoc-section-2-2-tirm-report-2016-10-11.pdf)
BWS001348	BWS001349	B-7	Honolulu Star Advertiser. "More Tiny Holes Found in Leaking Red Hill Storage Tank." Photograph Courtesy of US Navy/ Senior Chief Mass Communications Specialist Michael B. Lewis. June 22, 2014. (https://www.staradvertiser.com/2014/06/22/breaking_news/more-tiny-holes-found-in-leaking-red-hill-fuel-storage-tank/)
BWS001350	BWS001523	B-8	2007. Red Hill Bulk Fuel Storage Facility Final Technical Report, Pearl Harbor, Hawaii. Prepared by TEC, Inc., Honolulu, HI. Prepared for Naval Facilities Engineering Command, Pacific, Pearl Harbor, HI. August.
BWS001524	BWS001753	B-9a	2002. Red Hill Bulk Fuel Storage Facility Investigation Report (Final) for Fleet Industrial Supply Center (FISC), Oahu, Hawaii. Prepared by AMEC Earth & Environmental, Inc., Huntsville, AL. Prepared for Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. August.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS001754	BWS002070	B-9b	2002. Red Hill Bulk Fuel Storage Facility Investigation Report (Final) for Fleet Industrial Supply Center (FISC), Oahu, Hawaii. Prepared by AMEC Earth & Environmental, Inc., Huntsville, AL. Prepared for Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. August.
BWS002071	BWS002498	B-9c	2002. Red Hill Bulk Fuel Storage Facility Investigation Report (Final) for Fleet Industrial Supply Center (FISC), Oahu, Hawaii. Prepared by AMEC Earth & Environmental, Inc., Huntsville, AL. Prepared for Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. August.
BWS002499	BWS002825	B-9d	2002. Red Hill Bulk Fuel Storage Facility Investigation Report (Final) for Fleet Industrial Supply Center (FISC), Oahu, Hawaii. Prepared by AMEC Earth & Environmental, Inc., Huntsville, AL. Prepared for Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. August.
BWS002826	BWS003174	B-9e	2002. Red Hill Bulk Fuel Storage Facility Investigation Report (Final) for Fleet Industrial Supply Center (FISC), Oahu, Hawaii. Prepared by AMEC Earth & Environmental, Inc., Huntsville, AL. Prepared for Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. August.
BWS003175	BWS003481	B-9f	2002. Red Hill Bulk Fuel Storage Facility Investigation Report (Final) for Fleet Industrial Supply Center (FISC), Oahu, Hawaii. Prepared by AMEC Earth & Environmental, Inc., Huntsville, AL. Prepared for Pacific Division, Naval Facilities Engineering Command, Pearl Harbor, HI. August.
BWS003482	BWS003840	B-10	Red Hill Bulk Fuel Storage Facility Final Groundwater Protection Plan, Pearl Harbor, Hawaii, Prepared for: Department of the Navy, Commander Naval Facilities Engineering Command, Pacific Pearl Harbor, HI 96860-3134, January 2008 https://health.hawaii.gov/shwb/files/2014/08/2008-Final-Groundwater-Protection-Plan.pdf
BWS003841	BWS003937	B-11	Naval Audit Service, 2010, Audit Report: Department of the Navy Red Hill and Upper Tank Farm Fuel Storage Facilities, Report Number N20I0-0049, August 16, 2010

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS003938	BWS004118	B-12	Engineering Survey of U.S. Navy Petroleum Facilities at Pearl Harbor for U.S. Navy Bureau of Yards and Docks, May 1949, Bechtel Corporation.
BWS004119	BWS004255	B-13a	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004256	BWS004560	B-13b	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004561	BWS004621	B-13c	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004622	BWS004664	B-13d	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004665	BWS004675	B-13e	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004676	BWS004676	B-13f	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004677	BWS004758	B-13g	Red Hill Complex Fire, Life Safety and Environmental Risk Assessment and Analysis by Willbros Engineers, Inc. dated August 1998.
BWS004759	BWS005016	B-14	NAVFAC Naval Facilities Engineering Command Engineering and Expeditionary Warfare Center. SITE SPECIFIC REPORT, SSR-NAVFAC EXWC-CI-1941, 7 July 2019, Red Hill Fuel Storage Facility, Destructive Testing Results Report, Administrative Order on Consent (AOC) Statement of Work (SOW), Section 5.3.3 (https://www.epa.gov/sites/production/files/2019-07/documents/red-hill-destructive-testing-results-report-20190707.pdt)
BWS005017	BWS005844	B-15	2018. Quantitative Risk and Vulnerability Assessment Phase 1 (Internal Events without Fire and Flooding). Red Hill Bulk Fuel Storage Facility NAVSUP FLC Pearl Harbor, HI (PRL). Administrative Order on Consent in the matter of Red Hill Bulk Fuel Storage Facility EPA Docket No. RCRA 7003-R9-2015_01, DOH Docket No. 15-UST-EA-01. Prepared by ABS Consulting. November 12.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS005845	BWS006090	B-16	2017. Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater. Volume 2: Background Documentation for the Development of Tier 1 Environmental Action Levels. Appendix 1: Detailed Lookup Tables. Prepared by Hawaii Department of Health, Environmental Management Division. Page 39 of 152. Fall 2017. (https://health.hawaii.gov/heer/files/2019/11/Volume-2-App-1-HDOH-2017.pdf)
BWS006091	BWS006137	B-17	Development of Drinking Water Screening Levels for TPHs and Associated Chemicals, prepared for the Honolulu Board of Water Supply by Exponent, Inc., 1800 Diagonal Road, Suite 500, Alexandria, VA 22314, December 10, 2016
BWS006138	BWS006235	B-18	Calculation of Groundwater Screening Levels and a Groundwater Baseline Risk Assessment, prepared for Board of Water Supply by INTERA, Inc., 3240 Richardson Rd, Suite 2 Richland, Washington 99354, December 13, 2016
BWS006236	BWS006251	B-19	2020. Standards and Guidelines for Contaminants in Massachusetts Drinking Waters (https://www.mass.gov/doc/2020-standards-and-guidelines-for-contaminants-in-massachusetts-drinking-waters/download)
BWS006252	BWS006255	B-20	2017. Guidance for Evaluating Health Risks from Gasoline and Diesel Contaminated Drinking Water. Minnesota Department of Health. February. (https://www.health.state.mn.us/communities/environment/risk/docs/guidance/tphguidance.pdf)
BWS006256	BWS006290	B-21	2015. Report to the Twenty-Eighth Legislature State of Hawaii, 2015. Pursuant to Senate Concurrent Resolution 73 Requesting the Department of Health to Convene a Task Force to Study the effects of the January 2014 Fuel Tank Leak at the Red Hill Fuel Facility. Prepared by State of Hawaii Red Hill Fuel Storage Facility Task Force. December 2014. (https://health.hawaii.gov/shwb/files/2015/01/Senate-Concurrent-Resolution-73.pdf)

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS007042	BWS007125	B-24	NAVFAC Naval Facilities Engineering Command Engineering and Expeditionary Warfare Center. SITE SPECIFIC REPORT, SSR-NAVFAC EXWC-CI-1745, 24 April 2017, Red Hill Facility, Tank Inspection, Repair, and Maintenance Procedure Decision Document, Administrative Order on Consent (AOC) Statement of Work (SOW), Section 2.4. Prepared by Ms. Terri Regin, PE, Mr. Frank Kem, PE, Mr. James Gammon, and Mr. Lean-Miquel Sanpedro (https://www.epa.gov/sites/production/files/2017-09/documents/red_hill_aoc_tirm_decision_document.pdf)
BWS007126	BWS007250	B-25	2017. Underground Storage Tank System Evaluation Report. Red Hill Bulk Fuel Storage Facility. Joint Base Pearl Harbor-Hickam. Submitted to the Environmental Protection Agency (EPA). Submitted by: Atlas Geotechnical, Eastern Research Group, Inc., PEMY Consulting, and Powers Engineering and Inspection, Inc. June 13 (https://www.epa.gov/sites/production/files/2017-06/documents/red_hill_facility_compliance_evaluation_report_june_2017.pdf)
BWS007251	BWS007261	B-26	2017. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Approval of Red Hill Administrative Order on Consent ("AOC") Statement of Work ("SOW") Section 2.4- Tank Inspection, Repair, and Maintenance ("TIRM") Procedures Decision Document and Clarifications. Letter to Captain Richard D. Hayes, III from Mr. Bob Pallarino, Project Coordinator, EPA Region 9 Land Division and Mr. Steven Chang, Project Coordinator, DOH Solid and Hazardous Waste Branch. September 5. (https://www.epa.gov/sites/production/files/2017-09/documents/epa_and_doh_approval_of_tirm_decision_document.pdf)
BWS007262	BWS007363	B-27	2019. Department of the Navy. Tank Upgrade Alternatives ("TUA") and Release Detection Decision Document for the Red Hill Administrative Order on Consent ("AOC") Statement of Work ("SOW") Sections 3 and 4. September 9. (https://www.epa.gov/sites/production/files/2019-

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			09/documents/red_hill_aoc_tua_proposal_decision_document_20190919.pdf)
BWS007364	BWS007388	B-28	<p>2020. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Notice of Deficiency for the Tank Upgrade Alternatives Decision Document and New Release Detection Alternatives Decision Document, for Red Hill Administrative Order on Consent Statement of Work Sections 3.5 and 4.8. Letter to Captain Gordie Meyer, Commander Navy Region Hawaii from Mr. Steve Linder, P.E., Red Hill Project Coordinator, EPA Region 9 and Ms. Roxanne Kwan, Interim Red Hill Project Coordinator, DOH. October 26.</p> <p>(https://www.epa.gov/sites/production/files/2020-10/documents/red-hill-tua_proposal_final_combined_response-2020-10-26.pdf)</p>
BWS007389	BWS007572	B-29	<p>2018. Department of the Navy. Administrative Order on Consent Statement of Work Section 4.6 New Release Detection Alternative Report, Red Hill Bulk Fuel Storage Facility (Red Hill), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii. July 26.</p> <p>(https://www.epa.gov/sites/production/files/2018-08/documents/red-hill-aoc-4.5-release_detection_alternatives_report-2018-07-26.pdf)</p>
BWS007573	BWS007632	B-30	<p>2020. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Response to Corrosion and Metal Fatigue Practices, Destructive Testing Results Report, Red Hill Bulk Fuel Storage Facility (Red Hill), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii. Letter to Captain Marc Delao, Commander Navy Region Hawaii from Mr. Steve Linder, P.E., Red Hill Project Coordinator, EPA Region 9 and Ms. Roxanne Kwan, Interim Red Hill Project Coordinator, DOH. March 16.</p> <p>(https://www.epa.gov/sites/production/files/2020-03/documents/joint-response-red-hill-corrosion_metal_fatigue_practices_destructive_testing_results-signed-2020-03-16.pdf)</p>

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS007633	BWS007634	B-31	2020. Department of the Navy. Administrative Order on Consent Statement of Work, Section 5.3.3 Corrosion and Metal Fatigue Practices, Destructive Testing Results Report, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii. Letter to Mr. Steve Linder, USEPA, and Ms. Rozanne Kwan, DOH, from Captain Marc Delao, Navy. June 2. (https://www.epa.gov/sites/production/files/2020-07/documents/red_hill_dtrr_aoc_sow_sec_5_2jun.pdf)
BWS007635	BWS007636	B-32	2020. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Response to Navy Letter Acknowledging Agency Disapproval of the Navy's Corrosion and Metal Fatigue Practices, Destructive Testing Results Report, Red Hill Bulk Fuel Storage Facility (Red Hill), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii. Letter to Captain Marc Delao, Commander Navy Region Hawaii from Mr. Steve Linder, P.E., Red Hill Project Coordinator, EPA Region 9 and Ms. Roxanne Kwan, Interim Red Hill Project Coordinator, DOH. July 7. (https://www.epa.gov/sites/production/files/2020-07/documents/red_hill_joint_regulatory_agency_response_2020-07-07.pdf)
BWS007637	BWS007736	B-33	2018. NAVFAC Naval Facilities Engineering Command. Red Hill Alternative Location Study. Submitted by Austin Brockenbrough Engineering Consulting. Revision 03. February 5. (https://www.epa.gov/sites/production/files/2018-03/documents/red_hill_alternative_location_study_5_february_2018_redacted.pdf)
BWS007737	BWS007748	B-34	2019. Department of the Navy (Navy). Risk and Vulnerability Assessment for the Red Hill Administrative Order on Consent ("AOC") Statement of Work ("SOW") Section 8. Letter to Mr. Omer Shalev, USEPA, and Ms. Rozanne Kwan, DOH, from Captain Marc Delao, Navy. May 29. (https://www.epa.gov/sites/production/files/2019-06/documents/risk_assessment_letter_and_summary.pdf)

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS007749	BWS007769	B-35	2019. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Section 8 of the Red Hill Administrative Order on Consent (“AOC”) Statement of Work (“SOW”) Approval of Section 8.3 and Requirement to Complete Additional Work. Letter to Mr. Captain Marc Delao Regional Engineer, Navy Region Hawaii, from Mr. Omer Shalev, Project Coordinator, EPA Region 9 Land Division and Ms. Roxanne Kwan, Interim Project Coordinator, DOH Solid and Hazardous Waste Branch. September 23. (https://www.epa.gov/sites/production/files/2019-10/documents/red-hill-risk_assessment_approval_and_additional_work_requirement_2019-10-28.pdf)
BWS007770	BWS007826	B-36	2019. Department of the Navy (Navy). Risk and Vulnerability Assessment (“RVA”) Phase 2 for the Red Hill Administrative Order on Consent (“AOC”) Statement of Work (“SOW”) Section 8. Letter to Mr. Omer Shalev, USEPA, and Ms. Rozanne Kwan, DOH, from Captain Marc Delao, Navy. November 19. (https://www.epa.gov/sites/production/files/2019-12/documents/red_hill_aoc_8.3_phase_2-2019-11-19.pdf)
BWS007827	BWS007839	B-37	2020. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Risk and Vulnerability Assessment (“RVA”) Phase 2 Proposed Scope of Work for the Red Hill Administrative Order on Consent (“AOC”) Statement of Work (“SOW”) Section 8, Notice of Deficiency and Opportunity to Cure. Letter to Captain Gordie Meyer, Commander Navy Region Hawaii, from Mr. Steve Linder, P.E., Red Hill Project Coordinator, EPA Region 9 and Ms. Roxanne Kwan, Interim Red Hill Project Coordinator, DOH. October 23. (https://www.epa.gov/sites/production/files/2020-10/documents/red_hill_aoc_8-notice_of_deficiency_and_opportunity_to_cure-2020-10-26.pdf)

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS007840	BWS007842	B-38	2017. United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH). Conditional Approval of Red Hill Administrative Order on Consent Statement of Work ("AOC SOW") Section 8.2 Scope of Work – Risk/Vulnerability Assessment Letter to Captain Richard D. Hayes III, Regional Engineer, Navy Region Hawaii, from Mr. Bob Pallarino, Project Coordinator, EPA Region 9 Land Division and Mr. Steven Chang, Project Coordinator, DOH. May 16 (https://www.epa.gov/sites/production/files/2017-06/documents/regulatory_agency_conditional_approval_of_risk_scope_of_work.pdf)
BWS007843	BWS007850	B-39	Board of Water Supply (BWS). 2015a. Subject: August 7, 2015 Meeting Between the Board of Water Supply (BWS), United States Environmental Protection Agency (EPA), and Hawaii Department of Health (DOH) to Discuss BWS Comments to the Proposed Administrative Order on Consent (AOC) and Statement of Work (SOW) on the Red Hill Bulk Fuel Storage Facility. Pages 2 and 3. August 17.
BWS007851	BWS007859	B-40	Board of Water Supply (BWS). 2015c. Subject: Board of Water Supply Recommendations to Consider in the Development of the Red Hill Administrative Order on Consent (AOC) Work Plans. December 3.
BWS007860	BWS007872	B-41	Board of Water Supply (BWS). 2016a. Subject: Board of Water Supply (BWS) Recommendations for Inclusion into the Red Hill Bulk Fuel Facility Administrative Order on Consent (AOC) Work Plans. April 25
BWS007873	BWS007894	B-42	Board of Water Supply (BWS). 2016b. Subject: Board of Water Supply (BWS) Comments to the Work Plans Being Developed Under the Red Hill Bulk Fuel Storage Facility Administrative Order on Consent (AOC) Statement of Work (SOW) Sections 2 through 5 and 8. May 27.
BWS007895	BWS007901	B-43	Board of Water Supply (BWS). 2016c. Subject: Board of Water Supply (BWS) Comments to the Work Plans Being Developed Under the Red Hill Bulk Fuel Storage Facility Administrative Order on Consent (AOC) Statement of Work (SOW)

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			Sections 3, Tank Upgrade Alternatives. September 30.
BWS007902	BWS007917	B-44	Board of Water Supply (BWS). 2016d. Subject: Board of Water Supply (BWS) Comments Discussed with the United State Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH) at the October 4 and 5, 2016 meeting to discuss the Work Plans Developed Under Sections 2, 3, 4, and 8 of the Red Hill Fuel Facility Administrative Order on Consent (AOC) Statement of Work. November 4.
BWS007918	BWS007931	B-45	Board of Water Supply (BWS). 2016e. Subject: Board of Water Supply Comments to the Tank Inspection, Repair and Maintenance (TIRM) Report Being Developed Under the Red Hill Bulk Fuel Storage Facility (RHBFSF) Administrative Order on Consent (AOC) Statement of Work (SOW) Section 2. November 21.
BWS007932	BWS007938	B-46	Board of Water Supply (BWS). 2017a. Subject: Board of Water Supply (BWS) Comments to the Work Plan Being Developed Under the Red Hill Bulk Fuel Storage Facility Sections 2, 3, 4, and 8 of the Red Hill Field Facility Administrative Order on Consent (AOC) Statement of Work Section 5.3. February 13.
BWS007939	BWS007942	B-47	Board of Water Supply (BWS). 2017b. Subject: Board of Water Supply (BWS) Comments Pertaining to the Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH) February 15, 2017 Administrative Order on Consent (AOC) Sections 2, 3, 4, 5 and 8 Meeting. March 9.
BWS007943	BWS008097	B-48	Board of Water Supply (BWS). 2017c. Subject: Letter Dated April 25, 2017 From Read Admiral J.V. Fuller Regarding the Board of Water Supply (BWS) Website Frequently Asked Questions (FAQ) on the Red Hill Bulk Fuel Facility. Memorandum from Ernet Y.W. Lau, PE, Manager and Chief Engineer, BWS to Mr. Roy K., Amemiya, Managing Direction, City and County of Honolulu. May 4. Attachment - Naval Audit Service, 2010. Audit Report N2010-0049,

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			Department of the Navy Red Hill and Upper Tank Farm Fuel Storage Facilities, August 16 (redacted).
BWS008098	BWS008102	B-49	Board of Water Supply (BWS). 2017d. Subject: Board of Water Supply (BWS) Comments to the Red Hill Administrative Order on Consent (AOC) Statement of Work (SOW) Tank Inspection, Repair, and Maintenance (TIRM) Procedure Decision Document Section 2.4 Dated April 24, 2017. June 1.
BWS008103	BWS008105	B-50	Board of Water Supply (BWS). 2017e. Subject: Board of Water Supply (BWS) Comments to the Conditional Approval Scope of Work for Destructive Testing Dated May 30, 2017 submitted to the Regulatory Agencies Pursuant to Section 5.3.2 of the Red Hill Administrative Order on Consent, dated July 7, 2017. July 14.
BWS008106	BWS008107	B-51	Board of Water Supply (BWS). 2017f. Subject: Board of Water Supply (BWS) Comments to the Conditional Approval of Red Hill Administrative Order on Consent (AOC) Statement of Work (SOW) Deliverable-3.2 Tank Upgrade Alternatives Scope of Work, Red Hill Bulk Fuel Storage Facility (RHBFSF) dated December 8, 2016. August 7.
BWS008108	BWS008111	B-52	Board of Water Supply (BWS). 2018a. Subject: Board of Water Supply (BWS) Comments on the Red Hill Administrative Order on Consent (AOC) Statement of Work (SOW) Section 3 Tank Upgrade Alternatives (TUA) Report dated December 8, 2017. February 12.
BWS008112	BWS008114	B-53	Board of Water Supply (BWS). 2018b. Subject: Comments on the Michael Baker International's Report: Test Plan for Evaluating Leak Detection Methods at the Red Hill Bulk Fuel Storage Facility (RHBFSF), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii in support of Administrative Order on Consent (AOC) Statement of Work (SOW) Sections 4.5: New Release Detection Alternatives and 4.6: New Release Detection Alternatives Report. March 23.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS008115	BWS008170	B-54	Board of Water Supply (BWS). 2018c. Subject: Comments on the Department of the Navy (Navy) Report: Seismic Profiling to Map Hydrostratigraphy in the Red Hill Area, Red Hill Bulk Fuel Storage Facility (RHBFSF) Joint Base Pearl Harbor-Hickam, Oahu, Hawaii, March 30, 2018. Completed under Red Hill Administrative Order on Consent (AOC) Statement of Work (SOW) Sections 6 and 7. April 20.
BWS008171	BWS008177	B-55	Board of Water Supply (BWS). 2018d. Subject: Board of Water Supply Comments on the Hawaii Department of Health Proposed Underground Storage Tank Regulations (Proposed Repeal of Chapter 11-281 and Adoption of Chapter 11-280.1 Hawaii Administrative Rules, Updated April 26, 2018). June 1.
BWS008178	BWS008179	B-56	Board of Water Supply (BWS). 2018e. Subject: Honolulu Board of Water Supply (BWS) Comments on the Red Hill Bulk Fuel Storage Facility (RHBFSF), New Release Detection Alternatives Report, Administrative Order on Consent (AOC) – Section 4.6, dated July 25, 2018, and the Navy's presentation of this topic at the August 14 and 15, 2018 AOC Meetings in Honolulu. September 17.
BWS008180	BWS008196	B-57	Board of Water Supply (BWS). 2018f. Subject: Board of Water Supply (BWS) Comments on the Groundwater Protection and Evaluation Considerations for the Red Hill Bulk Fuel Storage Facility (RHBFSF) Report, dated July 27, 2018. October 2.
BWS008197	BWS008201	B-58	Board of Water Supply (BWS). 2018g. Subject: Honolulu Board of Water Supply (BWS) Comments on draft "Report to the Thirtieth Legislature, State of Hawaii, 2019, Pursuant to Section 342L-62 Hawaii Revised Statutes, The Third Annual Fuel Tank Advisory Committee Meeting to Study the Issues Related to Leaks of Field-Constructed Underground Storage Tanks at Red Hill Bulk Fuel Storage Facility and Four Other DOD Facilities", Prepared By: State of Hawaii, Department of Health (DOH), Underground Storage Tank Section, dated December 2018. December 24.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS008202	BWS008204	B-59	Board of Water Supply (BWS). 2019a. Subject: Honolulu Board of Water Supply (BWS) Comments to IMR Test Labs Destructive Analysis of 10 Steel Coupons Removed from Red Hill Fuel Storage Tank #14, REPORT No. 201801967, Dated December 17, 2018. March 5.
BWS008205	BWS008208	B-60	Board of Water Supply (BWS). 2019c. Subject: Underground Storage Tank (UST) Permit Application for Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor Hickam (JBPHH), Oahu, DOH Facility ID NO. 9-102271. March 28.
BWS008209	BWS008434	B-61	Board of Water Supply (BWS). 2019e. Subject: Honolulu Board of Water Supply (BWS) Comments on the Red Hill Administrative Order on Consent (AOC) Statement of Work (SOW) Sections 6 and 7 Groundwater Modeling Working Group Meeting No. 14 Held on March 15, 2019. April 12
BWS008435	BWS008436	B-62	Board of Water Supply (BWS). 2019f. Subject: Underground Storage Tank (UST) Permit Application for Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor Hickam (JBPHH), Oahu, DOH Facility ID No. 9-102271. May 17.
BWS008437	BWS008453	B-63	Board of Water Supply (BWS). 2019g. Subject: Honolulu Board of Water Supply (BWS) Comments on ABS Consulting (ABS) Report “Quantitative Risk and Vulnerability Assessment Phase 1 (Internal Events without Fire and Flooding) dated November 12, 2018” and “Navy’s Risk and Vulnerability Assessment Summary” and Cover Letter dated May 29, 2019 as per Red Hill Bulk Fuel Storage Facility (RHBFSF) Administrative Order on Consent (AOC) Statement of Work (SOW) Section 8. September 5.
BWS008454	BWS008482	B-64	Board of Water Supply (BWS). 2019h. Subject: Honolulu Board of Water Supply Comments on Navy’s “AOC SOW Section 5 Corrosion and Metal Fatigue Practices, Destructive Testing Results Report” dated July 7, 2019 and IMR’s Report “Destructive Analysis of 10 Steel Coupons Removed Red Hill Fuel Storage Tank #14” dated December 17, 2019. October 7.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS008483	BWS008507	B-65	Board of Water Supply (BWS). 2019i. Subject: Honolulu Board of Water Supply (BWS) Comments on Navy's Conceptual Site Model (CSM), Investigation and Remediation of Releases and Groundwater Protection and Evaluation, Red Hill Bulk Fuel Storage Facility (RHBFSF) Revision 1 dated June 30, 2019. October 7.
BWS008508	BWS008530	B-66	Board of Water Supply (BWS). 2019j. Subject: Comments of the Honolulu Board of Water Supply on United States Department of the Navy's "Red Hill Bulk Fuel Storage Facility Administrative Order on Consent Tank Upgrade Alternatives and Release Detection Decision Document" dated September 2019 as per Red Hill Bulk Fuel Storage Facility Administrative Order on Consent Statement of Work Sections 3 and 4. October 22.
BWS008531	BWS008540	B-67	Board of Water Supply (BWS). 2020a. Subject: Honolulu Board of Water Supply (BWS) Comments on ABS Consulting (ABS) document "8.2 Risk/Vulnerability Assessment Phase 2 Scope of Work" dated September 6, 2019 and associated Navy's Cover Letter "Risk and Vulnerability Assessment (RVA) Phase 2 for the Red Hill Administrative Order on Consent (AOC) Statement of Work (SOW) Section 8" dated November 19, 2019. January 23.
BWS008541	BWS008562	B-68	Board of Water Supply (BWS). 2020c. Subject: Honolulu Board of Water Supply (BWS) Comments on the Navy's Investigation and Remediation of Releases (IRR) Report, Red Hill Bulk Fuel Storage Facility (RHBFSF) Revision 00 dated March 25, 2020. August 1.
BWS008563	BWS008570	B-69	Board of Water Supply (BWS). 2020d. Subject: Honolulu Board of Water Supply (BWS) Comments on the Navy's Groundwater Flow Model Report, Red Hill Bulk Fuel Storage Facility (RHBFSF) Revision 00 dated March 25, 2020. September 25.
BWS008571	BWS008575	B-70	Department of Health (DOH). 2019. Application for an Underground Storage Tank Permit, Red Hill Bulk Fuel Storage Facility, Facility ID No. 9-102271. Letter from Ms. Lene Ichinotubo, PE, Acting Chief, Solid Hazardous Waste Branch, DOH to Ms. Raelynn Kishba, Commander, Navy

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			Region Hawaii. April 12. https://health.hawaii.gov/shwb/files/2019/05/Red-Hill-U0416HM-9-102271.pdf
BWS043440	BWS043443	B-71	Department of Health (DOH) and Environmental Protection Agency (EPA). 2017a. Conditional Approval of Scope of Work for Destructive Testing Dated May 30, 2017 submitted to the Regulatory Agencies Pursuant to Section 5.3.2 of the Red Hill Administrative Order on Consent. Page 1, Paragraphs 1 and 2. July 7. https://www.epa.gov/sites/production/files/2017-07/documents/conditional_approval_of_destructive_testing_sow_7_july_2017.pdf
BWS043444	BWS043446	B-72	Department of Health (DOH) and Environmental Protection Agency (EPA). 2017b. Red Hill Administrative Order on Consent Statement of Work ("AOC SOW")- Conditional Approval of Section 4.5 New Release Detection Alternatives of Scope of Work dated June 19, 2017. Page 2, Paragraph 3. July 26. https://www.epa.gov/sites/production/files/2017-08/documents/final_epa_and_doh_cond_appr_w_e_nclosure-release_detect_sow_2014-07-26.pdf
BWS008576	BWS008610	B-73	Department of the Navy (Navy). 2019. UST Permit Application for Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, DOH Facility ID NO. 9-102271. Submitted to State of Hawaii Department of Health on March 13, 2019, signed by Captain, M.R. Delao, with enclosure DOH Form No. 2, Application for an Underground Storage Tank Permit for Red Hill Bulk Fuel Storage Facility, DOH Facility ID No. 9-102271. https://health.hawaii.gov/shwb/files/2019/03/redhill_permitapplication.pdf
BWS008611	BWS008616	B-74	Department of the Navy (Navy). 2019. Response to DOH Letter. UST Permit Application for Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, DOH Facility ID NO. 9-102271. Submitted to State of Hawaii Department of Health on May 15, 2019, signed by Captain, M.R. Delao, with enclosure Revised DOH Form No. 2, Application for an Underground Storage Tank Permit for Red Hill Bulk Fuel Storage Facility, DOH Facility ID No. 9-

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

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BWS008617	BWS008735	B-75	Environmental Protection Agency (EPA). EPA UST regs CFR Title 40, Chapter I, Parts 280 and 281 https://www.ecfr.gov/cgi-bin/text-idx?SID=121ab75da7d3f71d24fd5426266d365c&mc=true&node=pt40.29.280&rgn=div5 https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=686342a687bb63b2d302e75bb0e5ebf2&mc=true&r=PART&n=pt40.29.281
BWS008736	BWS008739	B-76	Permit No. P-2019-XXX, Dated July XX, 2019, Expiration July XX, 2024, Permittees: Owner Name and Address: US Navy – COMNAVREG HI, 850 Ticonderoga Street, Suite 100, JBPHH, HI 96860 and Operator Name and Address: Naval Supply Systems Command Fleet Logistics Center Pearl Harbor, 1942 Gaffney Street, Suite 100, JBPHH, HI 96860. https://health.hawaii.gov/shwb/files/2019/06/Red-Hill-and-Hickam-AHS-UST-Operation-Permit-draft-corrected.pdf
BWS008740	BWS008743	B-77	Department of the Navy (Navy). 2019. June 12, 2019 Permit Application Corrections. https://health.hawaii.gov/shwb/files/2019/06/UST-permit-application-for-Red-Hill-Bulk-Fuel-Storage-Facility-JBPHH-June-12-2019-corrections.pdf
BWS008744	BWS008747	B-78	Department of the Navy (Navy). 2019. June 12, 2019 Permit Application Draft Permit Application with Corrections. https://health.hawaii.gov/shwb/ust-rh-permit-application/
BWS008748	BWS008804	B-79	2019. Hawaii Department of Health. Public Comments on Draft Permit Application. October 22. https://health.hawaii.gov/shwb/files/2019/10/Comments-received-RH-draft-permit.pdf

**Intervenor Honolulu Board of Water Supply's
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BWS008805	BWS008928	B-80	Department of the Navy (Navy). 2019. UST Permit Application for Red Hill Bulk Fuel Storage Facility, JBPHH, Oahu, DOH Facility ID NO. 9-102271. Submitted to State of Hawaii Department of Health on May 15, 2019, signed by Captain, M.R. Delao, with enclosure Revised DOH Form No. 2, Application for an Underground Storage Tank Permit for Red Hill Bulk Fuel Storage Facility, DOH Facility ID No. 9-102271. https://health.hawaii.gov/shwb/files/2019/05/UST-permit-application-for-Red-Hill-Bulk-Fuel-Storage-Facility-JBPHH-May-23-2019-OCR-scan.pdf
BWS008929	BWS008960	B-81	2015. Department of Health (DOH) and Environmental Protection Agency (EPA). Administrative Order on Consent. In the Matter of Red Hill Bulk Fuel Storage Facility. EPA Docket No. RCRA 7003-R9-2015-01 and DOH Docket No. 15-UST-EA-01. September 29. (https://health.hawaii.gov/shwb/files/2015/09/Red-Hill-AOC_Final_29SEP151.pdf).
BWS008961	BWS008983	B-82	2015. Department of Health (DOH) and Environmental Protection Agency (EPA). Administrative Order on Consent. In the Matter of Red Hill Bulk Fuel Storage Facility. EPA Docket No. RCRA 7003-R9-2015-01 and DOH Docket No. 15-UST-EA-01. Attachment A. Statement of Work. September 29. (https://health.hawaii.gov/shwb/files/2015/09/Red-Hill-SOW_11SEP15.pdf).
BWS008984	BWS008985	B-83a	2020. Department of the Navy (Navy). Red Hill Bulk Fuel Storage Facility. Second Quarter 2020 – Quarterly Groundwater Monitoring Report. DOH Facility ID No. 9-102271. DOH Release ID Nos. 990051, 010011, 020028, and 140010. July 24. (4 parts listed as 136a, b, c, and d). https://health.hawaii.gov/shwb/files/2020/10/2020-07-24-2nd-qtr-gw-monitoring-rept-cover-ltr.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-1.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-2.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-3.pdf

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS008986	BWS012454	B-83b	2020. Department of the Navy (Navy). Red Hill Bulk Fuel Storage Facility. Second Quarter 2020 – Quarterly Groundwater Monitoring Report. DOH Facility ID No. 9-102271. DOH Release ID Nos. 990051, 010011, 020028, and 140010. July 24. (4 parts listed as 136a, b, c, and d). https://health.hawaii.gov/shwb/files/2020/10/2020-07-24-2nd-qtr-gw-monitoring-rept-cover-ltr.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-1.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-2.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-3.pdf
BWS012455	BWS015377	B-83c	2020. Department of the Navy (Navy). Red Hill Bulk Fuel Storage Facility. Second Quarter 2020 – Quarterly Groundwater Monitoring Report. DOH Facility ID No. 9-102271. DOH Release ID Nos. 990051, 010011, 020028, and 140010. July 24. (4 parts listed as 136a, b, c, and d). https://health.hawaii.gov/shwb/files/2020/10/2020-07-24-2nd-qtr-gw-monitoring-rept-cover-ltr.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-1.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-2.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-3.pdf
BWS015378	BWS018209	B-83d	2020. Department of the Navy (Navy). Red Hill Bulk Fuel Storage Facility. Second Quarter 2020 – Quarterly Groundwater Monitoring Report. DOH Facility ID No. 9-102271. DOH Release ID Nos. 990051, 010011, 020028, and 140010. July 24. (4 parts listed as 136a, b, c, and d). https://health.hawaii.gov/shwb/files/2020/10/2020-07-24-2nd-qtr-gw-monitoring-rept-cover-ltr.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-1.pdf and https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-2.pdf and

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			https://health.hawaii.gov/shwb/files/2020/10/2020-07-2nd-qtr-gw-monitoring-rept-part-3.pdf
BWS018210	BWS018221	B-84	Red Hill Bulk Fuel Storage Facility Revisions to the Groundwater Protection Plan, Pearl Harbor, Hawaii. Prepared for: Department of the Navy, Commander Naval Facilities Engineering Command, Pacific Pearl Harbor, HI 96860-3134. December 2009. (https://health.hawaii.gov/shwb/files/2014/12/990051-1209Groundwater_revisions.pdf).
BWS018222	BWS018241	B-85	Department of the Navy (Navy). Underground Fuel Storage, Log of Formations In Tank Excavation ("Tank Barrell Logs"). Fourteenth Naval District, Pearl Harbor, Hawaii. May 23, 1943.
BWS018242	BWS018242	B-86	Department of the Navy (Navy). 120 Day Short-Long Term Release Response Report: Tank 16 Release. February 23, 1999.
BWS018243	BWS018244	B-87	TIRM Report Appendix – List of Appendices https://www.epa.gov/sites/production/files/2016-10/documents/red_hill_tirm_report_list_of_appendices.pdf
BWS018245	BWS018248	B-88	TIRM Report Appendix A - Telltale Piping Holes
BWS018249	BWS018249	B-89	TIRM Report Appendix B- Red Hill Dome Truss Scaffold
BWS018250	BWS018250	B-90	TIRM Report Appendix C Red Hill Monorail Scaffold
BWS018251	BWS018253	B-91	TIRM Report Appendix D Boom and Basket System
BWS018254	BWS018280	B-92	TIRM Report Appendix E API 653 Inspection Report Tank 13 July 1995
BWS018281	BWS018312	B-93	TIRM Report Appendix F API 653 Inspection Report Tank 10 1998
BWS018313	BWS018475	B-94	TIRM Report Appendix G API 653 Report Tank 7 1998
BWS018476	BWS018552	B-95	TIRM Report Appendix H API 653 Report Tank 8 1998
BWS018553	BWS018587	B-96	TIRM Report Appendix I Contract Number FA8903-04-D-8681-0176-All https://www.epa.gov/sites/production/files/2020-

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			07/documents/red-hill-tirm-report-appendices-a-i-redacted.pdf
BWS018588	BWS019246	B-97	TIRM Report Appendix J Tank 16 API 653 Final Inspection Report 2007 https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendix-j-redacted-optimized.pdf
BWS019247	BWS019965	B-98	TIRM Report Appendix K API 653 Inspection Tank 6 2007 https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendix-k-redacted-optimized.pdf
BWS019966	BWS020461	B-99	TIRM Report Appendix L API 653 Inspection Tank 15 2007 https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendix-l-redacted-optimized.pdf
BWS020462	BWS020509	B-100	TIRM Report Appendix M Contract Number N47408-04-D-8503-0031-All
BWS020510	BWS020722	B-101	TIRM Report Appendix N API 653 Inspection Tank 2 2008
BWS020723	BWS021033	B-102	TIRM Report Appendix O API 653 Inspection Tank 20 2008
BWS021034	BWS021149	B-103	TIRM Report Appendix P Contract Number N62583-09-D-0132-0003-All
BWS021150	BWS021152	B-104	TIRM Report Appendix Q WGS Daily Production Report Tanks 5 and 17 https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendices-m-q-redacted-optimized.pdf
BWS021153	BWS021400	B-105	TIRM Report Appendix R WGS Tanks 5 and 17 Work Plan (rev0 24 May 2010) https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendix-r-redacted-optimized.pdf
BWS021401	BWS021401	B-106	TIRM Report Appendix S WGS RFI6 Pressure Washing https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendix-s-redacted.pdf
BWS021402	BWS021992	B-107	TIRM Report Appendix T WGS Inspection Report Rev E https://www.epa.gov/sites/production/files/2020-

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

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BWS021993	BWS022014	B-108	TIRM Report Appendix U CSI Services – Daily Coating Inspection Report
BWS022015	BWS022050	B-109	TIRM Report Appendix V WGS Work Plan – Abrasive Blasting and Surface Preparation 2012
BWS022051	BWS022296	B-110	TIRM Report Appendix W WGS Warranty Work Plan
BWS022297	BWS022298	B-111	TIRM Report Appendix X NAVFAC Drawing No. 7019545 MILCON P-060 coating details https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendices-u-x-redacted.pdf
BWS022299	BWS022299	B-112	intentionally omitted
BWS022300	BWS022300	B-113	intentionally omitted
BWS022301	BWS022301	B-114	TIRM Report Appendix AA WGS Analysis Hydro Report
BWS022302	BWS022346	B-115	TIRM Report Appendix AB WGS Redhill Complex TK 5 Project – Pressure Test Log
BWS022347	BWS022354	B-116	TIRM Report Appendix AC Willbros D0132 DO 3 Red Hill mod 9
BWS022355	BWS022369	B-117	TIRM Report Appendix AD WGS ASNT Records
BWS022370	BWS022379	B-118	TIRM Report Appendix AE Tank 5 Inspection Checklist
BWS022380	BWS022420	B-119	TIRM Report Appendix AF FY-78 MILCON P-060 Scope of Work
BWS022421	BWS022461	B-120	TIRM Report Appendix AG WGS Weld WPS and PQR https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendices-aa-ag-redacted.pdf
BWS022462	BWS022473	B-121	TIRM Report Appendix AH WGS WPQ Records
BWS022474	BWS022477	B-122	TIRM Report Appendix AI WGS Daily Report 01-16-13 Rev 0
BWS022478	BWS022479	B-123	TIRM Report Appendix AJ Tank 5 Warranty notice
BWS022480	BWS022480	B-124	TIRM Report Appendix AK Notice to Proceed Oct 2014
BWS022481	BWS022481	B-125	TIRM Report Appendix AL TK 5 Visual Inspection Report Signed
BWS022482	BWS022482	B-126	TIRM Report Appendix AM TK 5 MT-LT Inspection Report
BWS022483	BWS022485	B-127	TIRM Report Appendix AN WGS Tank 5 Work Plan Appendix M

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS022486	BWS022512	B-128	TIRM Report Appendix AO WGS Free Product Report
BWS022513	BWS022525	B-129	TIRM Report Appendix AP WGS Tank 5 Pressure Testing Procedure Jun 2014
BWS022526	BWS022643	B-130	TIRM Report Appendix AQ WGS Tank 5 Pressure Testing Report Jun 2014
BWS022644	BWS022663	B-131	TIRM Report Appendix AR QASP RHT5 Warranty Rework
BWS022664	BWS022664	B-132	TIRM Report Appendix AS WGS Tank 5 Suitability For Service Statement; https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendices-ah-as-redacted-optimized.pdf
BWS022665	BWS022911	B-133	TIRM Report Appendix AT WGS Repair Work Plan Red Hill Tank 5 https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendix-at-redacted-optimized.pdf
BWS022912	BWS022962	B-134	TIRM Report Appendix AU WGS D-0132 Basic Award
BWS022963	BWS022968	B-135	TIRM Report Appendix AV WGS Sample and Drain Line Drawings
BWS022969	BWS022980	B-136	TIRM Report Appendix AW WGS Tank 5 Repairs – Repair NDE QC Data
BWS022981	BWS022982	B-137	TIRM Report Appendix AX List of Welder PQR
BWS022983	BWS022983	B-138	TIRM Report Appendix AY API Inspector Qualifications
BWS022984	BWS022990	B-139	TIRM Report Appendix AZ NAVSUP GLS Instruction 10345.1 – Fuel Tank Return to Service
BWS022991	BWS023032	B-140	TIRM Report Appendix BA Contract Number N62742-03-C-1402-All
BWS023033	BWS023067	B-141	TIRM Report Appendix BB Red Hill Tank 5 Inspection SOW
BWS023068	BWS023116	B-142	TIRM Report Appendix BC Generic 653 SOW April2010
BWS023117	BWS023145	B-143	TIRM Report Appendix BD UFGS Section 33 56 17.00 20
BWS023146	BWS023199	B-144	TIRM Report Appendix BE UFGS Section 33 56 18.00 20
BWS023200	BWS023207	B-145	TIRM Report Appendix BF Telltale Leak Detection System
BWS023208	BWS023219	B-146	TIRM Report Appendix BG DLA ATG Policy Letter 2009

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS023220	BWS023241	B-147	TIRM Report Appendix BH NAVSEA 5104 14 August 2011 RSO Application
BWS023242	BWS023247	B-148	TIRM Report Appendix BI NAVFACINST 5104 1
BWS023248	BWS023254	B-149	TIRM Report Appendix BJ Report on the Trip to Pacific Division Naval Facilities Command
BWS023255	BWS023255	B-150	TIRM Report Appendix BK Acquisition Schedule Red Hill CIR
BWS023256	BWS023266	B-151	TIRM Report Appendix BL Overall CIR Schedule without modification
BWS023267	BWS023310	B-152	TIRM Report Appendix BM Red Hill Tank CIR Contract Sequencing
BWS023311	BWS023351	B-153	TIRM Report Appendix BN Contract Number N39430-15-D-1632-0005 Tanks 14, 17, 18
BWS023352	BWS023352	B-154	TIRM Report Appendix BO Contract Number N39430-15-D-1632-0004 Tanks 4, 13
BWS023353	BWS023353	B-155	TIRM Report Appendix BP NAVFAC Drawing No. 7019544 MILCON P-060 https://www.epa.gov/sites/production/files/2020-07/documents/red-hill-tirm-report-appendices-au-bp-redacted-optimized.pdf
BWS023354	BWS023361	B-156	Honolulu Board of Water Supply (BWS). Comments on the Red Hill Bulk Fuel Storage Facility (RHBFSF), Scope of Work for Destructive Testing Supplement - Destructive Testing Plan, Supplement to Administrative Order on Consent (AOC) and Statement of Work (SOW) Section 5.3.2, dated June 1, 2018 and Our Inspection on June 25, 2018 of Coupons Removed from Tank 14.
BWS023362	BWS023510	B-157	Destructive Analysis Of 10 Steel Coupons Removed From Red Hill Fuel Storage Tank No. 14, Pursuant To Section 5.3 Of The Administrative Order On Consent Statement Of Work." Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Oahu, Hawaii.
BWS023511	BWS023530	B-158	Field Notes: Tank 14 Coupon Removal.
BWS023531	BWS023573	B-159	Red Hill Bulk Fuel Storage Facility - Scope Of Work For Destructive Testing Supplement Destructive Testing Plan: Supplement To Administrative Order On Consent (AOC) And Statement Of Work (SOW) Section 5.3.2, 1. June 2018.
BWS023574	BWS023831	B-160	Administrative Order On Consent (AOC Statement Of Work (SOW) Section 5 Corrosion And Metal Fatigue Practices, Destructive Testing Results Report). Red Hill Bulk Fuel Storage Facility (Red

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			Hill), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii.
BWS023832	BWS023872	B-161	Administrative Order On Consent (AOC) Statement Of Work (SOW) Section 5 Corrosion And Metal Fatigue Practices, Destructive Testing Plan. Red Hill Bulk Fuel Storage Facility (Red Hill), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii.
BWS023873	BWS023873	B-162	Status of Application for an Underground Storage Tank Permit Red Hill Bulk Fuel Storage Facility. Red Hill, Aiea Facility ID No. 9-102271.
BWS023875	BWS023878	B-164	Approval of Red Hill Administrative Order on Consent ("AOC") Statement of Work ("SOW") Section 2.4- Tank Inspection, Repair and Maintenance ("TIRM") Procedures Decision Document and Clarifications. September 5, 2017
BWS023879	BWS023881	B-165	Response to August 17, 2015 Letter re: Red Hill Bulk Fuel Storage Facility.
BWS023882	BWS023889	B-166	Meeting Between the Board of Water Supply (BWS), United States Environmental Protection Agency (EPA), and Hawaii Department of Health (DOH) to Discuss BWS Comments to the Proposed Administrative Order on Consent (AOC) and Statement of Work (SOW) on the Red Hill Bulk Fuel Storage Facility. August 7, 2015.
BWS023890	BWS023891	B-167	Honolulu Board of Water Supply (BWS) Request for a Copy of the Red Hill Bulk Fuel Storage Facility (RHBFSF) Tank 14 Steel Liner Destructive Testing Laboratory Results pursuant to the Destructive Testing Plan, Supplement to Administrative Order on Consent (AOC) and Statement of Work (SOW) Section 5.3.2. June 1, 2018.
BWS023892	BWS024040	B-168	IMR Test Labs Destructive Analysis of ten (10) Steel Coupons Removed from Red Hill Fuel Storage Tank #14, Report No. 201801967, pursuant to Section 5.3 of the Red Hill Bulk Fuel Storage Facility (RHBFSF) Administrative Order on Consent (AOC) Statement of Work (SOW). December 17, 2018.
BWS024041	BWS024485	B-169	U.S. Navy. Red Hill Bulk Fuel Storage Facility Quantitative Risk and Vulnerability Assessment Work Plan.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS024486	BWS024536	B-170	Red Hill Repair Tanks Options Study.
BWS024537	BWS024916	B-171	Quantitative Risk and Vulnerability Assessment Proposed Scope of Work - APPENDICES.
BWS024917	BWS024922	B-172	Revision to Conditional Approval of Scope of Work for Destructive Testing. Submitted to the Regulatory Agencies Pursuant to Section 5.3.2 of the Red Hill Administrative Order on Consent. May 30, 2017.
BWS024923	BWS024957	B-173	Red Hill Bulk Fuel Storage Facility Scope Of Work For Destructive Testing.
BWS024958	BWS025416	B-174	Administrative Order On Consent Statement Of Work Section 3.3 Tank Upgrade Alternatives Report. Red Hill Bulk Fuel Storage Facility (Red Hill), Joint Base Pearl Harbor-Hickam, Oahu, Hawaii.
BWS025417	BWS025425	B-175	Email re: Whitacre; Red Hill Document Production; EPA/DOH Requests 1.b. and 2.b. I; Navy Questions# 6, 7 and 18; Dates and Estimates of Historical Releases I; and Fuel Observations - Tanks 19 and 20.
BWS025426	BWS025457	B-176	<i>Tk 10 '98 api 653 part 1.pdf</i> [RDHLCC0001128]
BWS025458	BWS025496	B-177	<i>Tk 10 '98 api 653 part 2.pdf</i> [RDHLCC0001160]
BWS025497	BWS025534	B-178	<i>Tk 10 '98 api 653 part 3.pdf</i> [RDHLCC0001199]
BWS025535	BWS025567	B-179	<i>Tk 10 '98 api 653 part 4.pdf</i> [RDHLCC0001237]
BWS025568	BWS025608	B-180	<i>Tk 10 '98 api 653 part 5.pdf</i> [RDHLCC0001270]
BWS025609	BWS025635	B-181	<i>TK 8 '98 API 653 PART 1.PDF</i> [RDHLCC0004715]
BWS025636	BWS025662	B-182	<i>TK8 '98 API 653 PART 2.PDF</i> [RDHLCC0004765]
BWS025663	BWS025685	B-183	<i>TK 8 '98 API 653 PART 3.PDF</i> [RDHLCC0004742]
BWS025686	BWS025711	B-184	<i>TK7 '98 API 653 PART 1.PDF</i> [RDHLCC0004566]
BWS025712	BWS025743	B-185	<i>TK7 '98 API 653 PART 2.PDF</i> [RDHLCC0004592]
BWS025744	BWS025774	B-186	<i>TK7 '98 API 653 PART 3.PDF</i> [RDHLCC0004624]
BWS025775	BWS025804	B-187	<i>TK7 '98 API 653 PART 4.PDF</i> [RDHLCC0004655]
BWS025805	BWS025834	B-188	<i>TK7 '98 API 653 PART 5.PDF</i> [RDHLCC0004685]
BWS025835	BWS025848	B-189	<i>TK 7 '98 API 653 PART 6.PDF</i> [RDHLCC0004552]

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS025849	BWS026567	B-190	<i>Tank 6 Final API 653 Inspection Report-Tk 6 2007.pdf</i> [RDHLCC0003796]
BWS026568	BWS027063	B-191	<i>TO0176-Final API-653 Inspection Report-Tk15 2007.pdf</i> [RDHLCC0001513]
BWS027064	BWS027722	B-192	<i>Tank 16 API 653 Final Inspection Report_2007.pdf</i> [RDHLCC0002009]
BWS027723	BWS027726	B-193	<i>2002 07 CRN.pdf</i> [RDHLCC0000565]
BWS027727	BWS027739	B-194	<i>RH HIST Tank 16_1.pdf</i> [RDHLCC0000821]
BWS027740	BWS027755	B-195	<i>RH HIST Tank 1_2.pdf</i> [RDHLCC0000854]
BWS027756	BWS027772	B-196	<i>RH HIST Tank 6 and 7_1.pdf</i> [RDHLCC0000899]
BWS027773	BWS028131	B-197	<i>2008-Final-Groundwater-Protection-Plan.pdf</i> [RDHLCC0000001]
BWS028132	BWS028136	B-198	<i>Gabbard 26 Sep RFI.docx</i> [RDHLCC0000360]
BWS028137	BWS028179	B-199	<i>redacted-original tank records.pdf</i> [RDHLCC0000365]
BWS028180	BWS028181	B-200	<i>1998 04 CoverLetter.pdf</i> [RDHLCC0000408]
BWS028182	BWS028182	B-201	<i>1998 10 CRN.pdf</i> [RDHLCC0000410]
BWS028183	BWS028183	B-202	<i>1999 02 iReleaseResponse.pdf</i> [RDHLCC0000411]
BWS028184	BWS028332	B-203	<i>Site Characterization_CTO_0228_FISC.pdf</i> [RDHLCC0000412]
BWS028333	BWS028334	B-204	<i>2000 12 CRN.pdf</i> [RDHLCC0000561]
BWS028335	BWS028336	B-205	<i>2000 12 Response Letter.pdf</i> [RDHLCC0000563]
BWS028337	BWS028339	B-206	<i>2003 04 Response Letter.pdf</i> [RDHLCC0000569]
BWS028340	BWS028341	B-207	<i>2002 04 17 CRN.PDF</i> [RDHLCC0000572]
BWS028342	BWS028353	B-208	<i>2009 Biennial Tank Integrity Test Report.pdf</i> [RDHLCC0000574]
BWS028354	BWS028367	B-209	<i>Final API 653 Report-Tank 6.pdf</i> [RDHLCC0000586]
BWS028368	BWS028404	B-210	<i>Tank 6 98 API 653.pdf</i> [RDHLCC0000600]
BWS028405	BWS028407	B-211	<i>CRN 23Jan14.PDF</i> [RDHLCC0000637]
BWS028408	BWS028409	B-212	<i>Release_1070983 Red Hill 13 Jan 14.pdf</i> [RDHLCC0000640]
BWS028410	BWS028413	B-213	<i>History of Estimated Releases.pdf</i> [RDHLCC0000642]
BWS028414	BWS028414	B-214	<i>RH_CompUnverLeakHistories_DEC17.xlsx</i> [RDHLCC0000646]
BWS028415	BWS028417	B-215	<i>RH_UnverifiedHistoriesExsum_FEB18.docx</i> [RDHLCC0000654]
BWS028418	BWS028418	B-216	<i>RedHill_Releases(Initiators)_080318.xlsx</i> [RDHLCC0000657]

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS028419	BWS028419	B-217	<i>RedHill_Releases(Initiators)_20171117.xlsx</i> [RDHLCC0000736]
BWS028420	BWS028420	B-218	<i>RH_CompUnverLeakHistories_DEC17-NAVFACcomments.xlsx</i> [RDHLCC0000814]
BWS028421	BWS028421	B-219	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questins # 6 ... (1.69 MB).msg</i> [RDHLCC0000820]
BWS028422	BWS028422	B-220	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions # 6... (1.04 MB).msg</i> [RDHLCC0000834]
BWS028423	BWS028429	B-221	<i>RH HIST Tank 17 and 18_1.pdf</i> [RDHLCC0000835]
BWS028430	BWS028430	B-222	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions # 6... (1.22 MB).msg</i> [RDHLCC0000842]
BWS028431	BWS028440	B-223	<i>RH HIST Tank 14 and 15_1.pdf</i> [RDHLCC0000843]
BWS028441	BWS028441	B-224	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions # 6... (1.66 MB).msg</i> [RDHLCC0000853]
BWS028442	BWS028442	B-225	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions # 6... (1.77 MB).msg</i> [RDHLCC0000870]
BWS028443	BWS028455	B-226	<i>RH HIST Tank 11 to 13_1.pdf</i> [RDHLCC0000871]
BWS028456	BWS028456	B-227	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions # 6... (1.90 MB).msg</i> [RDHLCC0000884]
BWS028457	BWS028469	B-228	<i>RH HIST Tank 8 and 10_1.pdf</i> [RDHLCC0000885]
BWS028470	BWS028470	B-229	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions # 6... (2.24 MB).msg</i> [RDHLCC0000898]
BWS028471	BWS028471	B-230	<i>Red Hill Document Production - EPADOH Request 1.b. Navy Questions# 6... (1.25 MB).msg</i> [RDHLCC0000916]
BWS028472	BWS028482	B-231	<i>RH HIST Tank 2 to 5_1.pdf</i> [RDHLCC0000917]
BWS028483	BWS028490	B-232	<i>RH HIST Tank 19 and 20_1.pdf</i> [RDHLCC0000928]
BWS028491	BWS028682	B-233	<i>CLEAN 9 RED HILL TANKS, PCM MODIFICATIONS_000192EE.pdf</i> [RDHLCC0000936]
BWS028683	BWS028686	B-234	<i>INSPECT RH TANK 12 N62755-94-D-2802_000192F0.pdf</i> [RDHLCC0001311]

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS028687	BWS028877	B-235	<i>CLEAN 9 TANKS_00019218.pdf</i> [RDHLCC0001315]
BWS028878	BWS028884	B-236	<i>INSPECT RH TANK 13_000192F1.pdf</i> [RDHLCC0001506]
BWS028885	BWS029195	B-237	5.98 <i>RedHill_API653Report_Tank20_05DEC08.pdf</i> [RDHLCC0002668]
BWS029196	BWS029259	B-238	<i>Red Hill Tank 2 final 9-29-2008_Part1.pdf</i> [RDHLCC0002979]
BWS029260	BWS029323	B-239	<i>Red Hill Tank 2 final 9-29-2008_Part2.pdf</i> [RDHLCC0003043]
BWS029324	BWS029387	B-240	<i>Red Hill Tank 2 final 9-29-2008_Part3.pdf</i> [RDHLCC0003107]
BWS029388	BWS029408	B-241	<i>Tank 2 Engineering Review - Final Report 10-13-08.pdf</i> [RDHLCC0003171]
BWS029409	BWS030012	B-242	<i>54118 Final Inspection Report r0 Transmitted by WGS 08 Aug 2016.pdf</i> [RDHLCC0003192]
BWS030013	BWS030049	B-243	<i>TK6 '98 API 653.PDF</i> [RDHLCC0004515]
BWS030050	BWS030051	B-244	<i>6-Email Chow to Liming 2018 07 27 with followup email string.pdf</i> [RDHLCC0004792]
BWS030052	BWS030052	B-245	<i>6-Email Chow to Liming 2018 07 27.pdf</i> [RDHLCC0004794]
BWS030053	BWS030064	B-246	<i>Red Hill Application for UST Permit 2018 - Enclosure 06</i> [RDHLCC0024721]
BWS030065	BWS030073	B-247	<i>Red Hill Application for UST Permit 2018 - Enclosure 07</i> [RDHLCC0024733]
BWS030074	BWS030096	B-248	<i>Red Hill Application for UST Permit 2018 - Enclosure 08</i> [RDHLCC0024742]
BWS030097	BWS030124	B-249	<i>Red Hill Application for UST Permit 2018 - Enclosure 09</i> [RDHLCC0024765]
BWS030125	BWS030128	B-250	<i>Red Hill Application for UST Permit 2018 - Enclosure 10</i> [RDHLCC0024793]
BWS030129	BWS030133	B-251	<i>Red Hill Application for UST Permit 2018</i> [RDHLCC0024797]
BWS030134	BWS030160	B-252	<i>Red Hill Application for UST Permit 2018 - Enclosure 01</i> [RDHLCC0024802]
BWS030161	BWS030188	B-253	<i>Detailed Status Responses to Willbros Engineers, Inc., 1998 Report</i> [RDHLCC0024832]
BWS030189	BWS030249	B-254	<i>Appendix A (Site Investigation Notes) to Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis</i> [RDHLCC0024860]

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS030250	BWS030292	B-255	<i>Appendix B (Site Investigation Photographs) to Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis [RDHLCC0024921]</i>
BWS030293	BWS030303	B-256	<i>Appendix C (Cost Estimate Backup) to Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis [RDHLCC0024964]</i>
BWS030304	BWS030304	B-257	<i>Appendix D (Structural Analysis - Tunnel Bulkheads and Oil-Tight Doors) to Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis [RDHLCC0024975]</i>
BWS030305	BWS030386	B-258	<i>Appendix E (PACDIV Comments and WILLBROS Responses) to Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis [RDHLCC0024976]</i>
BWS030387	BWS030691	B-259	<i>Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis Vol II of II - Final Submittal [RDHLCC0025058]</i>
BWS030692	BWS030828	B-260	<i>Red Hill Complex Fire, Life Safety, and Environmental Risk Assessment/Analysis Vol I of II - Final Submittal [RDHLCC0025363]</i>
BWS030829	BWS030903	B-261	<i>2018 Annual Leak Detection Testing Report of 17 Bulk Field-Constructed Underground Storage Tanks at Red Hill Fuel Storage Complex [RDHLCC0027241]</i>
BWS030904	BWS030911	B-262	<i>1. Red Hill Catastrophic Release Final 20150915.pdf [RDHLCC0027316]</i>
BWS030912	BWS030913	B-263	<i>4. Red Hill Hypothetical Release Rates 3.0.pdf [RDHLCC0027328]</i>
BWS030914	BWS030935	B-264	<i>5. SUMMARY Tank 20 Engineering Review - Final Report 01-27-09.pdf [RDHLCC0027330]</i>
BWS030936	BWS030955	B-265	<i>6a. Tank 15 Phase 2 Report.pdf [RDHLCC0027352]</i>
BWS030956	BWS030998	B-266	<i>7a. Tank 19 Rpr.pdf [RDHLCC0027416]</i>
BWS030999	BWS031050	B-267	<i>7b. Tank 19 Rpr1.pdf [RDHLCC0027459]</i>
BWS031051	BWS031060	B-268	<i>7c. Tank 19 Rpr2.pdf [RDHLCC0027511]</i>
BWS031061	BWS031096	B-269	<i>7d. Tank 19 Rpr3.pdf [RDHLCC0027521]</i>
BWS031097	BWS031127	B-270	<i>7e. Tank 19 Rpr4.pdf [RDHLCC0027557]</i>
BWS031128	BWS031160	B-271	<i>7f. Tank 19 Rpr5.pdf [RDHLCC0027588]</i>
BWS031161	BWS031162	B-272	<i>7g. Tank 19 Rpr6.pdf [RDHLCC0027621]</i>
BWS031163	BWS031192	B-273	<i>7h. Tank 19 Rpr7.pdf [RDHLCC0027623]</i>
BWS031193	BWS031224	B-274	<i>7i. Tank 19 Rpr8.pdf [RDHLCC0027653]</i>
BWS031225	BWS031260	B-275	<i>7j. Tank 19 Rpr9.pdf [RDHLCC0027685]</i>

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS031261	BWS031270	B-276	8. Pearl Harbor Tank 0105 AFHE Findings 02 6 2014.pdf [RDHLCC0027721]
BWS031271	BWS031280	B-277	9. RH_Tank01_UnverifiedHistory.PDF [RDHLCC0027731]
BWS031281	BWS031282	B-278	10. RH_Tank02_UnverifiedHistory.PDF [RDHLCC0027741]
BWS031283	BWS031284	B-279	11. RH_Tank03_UnverifiedHistory.PDF [RDHLCC0027743]
BWS031285	BWS031285	B-280	12. RH_Tank04_UnverifiedHistory.PDF [RDHLCC0027745]
BWS031286	BWS031287	B-281	13. RH_Tank05_UnverifiedHistory.PDF [RDHLCC0027746]
BWS031288	BWS031291	B-282	14. RH_Tank06_UnverifiedHistory.pdf [RDHLCC0027748]
BWS031292	BWS031293	B-283	15. RH_Tank07_UnverifiedHistory.pdf [RDHLCC0027752]
BWS031294	BWS031294	B-284	16. RH_Tank08_UnverifiedHistory.pdf [RDHLCC0027754]
BWS031295	BWS031296	B-285	17. RH_Tank09_UnverifiedHistory.pdf [RDHLCC0027755]
BWS031297	BWS031299	B-286	18. RH_Tank10_UnverifiedHistory.pdf [RDHLCC0027757]
BWS031300	BWS031301	B-287	19. RH_Tank11_UnverifiedHistory.pdf [RDHLCC0027760]
BWS031302	BWS031303	B-288	20. RH_Tank12_UnverifiedHistory.pdf [RDHLCC0027762]
BWS031304	BWS031305	B-289	21. RH_Tank13_UnverifiedHistory.pdf [RDHLCC0027764]
BWS031306	BWS031307	B-290	22. RH_Tank14_UnverifiedHistory.pdf [RDHLCC0027766]
BWS031308	BWS031308	B-291	23. RH_Tank15_UnverifiedHistory.pdf [RDHLCC0027768]
BWS031309	BWS031313	B-292	24. RH_Tank16_UnverifiedHistory.pdf [RDHLCC0027769]
BWS031314	BWS031316	B-293	25. RH_Tank17_UnverifiedHistory.pdf [RDHLCC0027774]
BWS031317	BWS031318	B-294	26. RH_Tank18_UnverifiedHistory.pdf [RDHLCC0027777]
BWS031319	BWS031320	B-295	27. RH_Tank19_UnverifiedHistory.pdf [RDHLCC0027779]
BWS031321	BWS031322	B-296	28. RH_Tank20_UnverifiedHistory.pdf [RDHLCC0027781]

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS031323	BWS031539	B-297	<i>Red Hill Tank 13 OOS Pre-Repair Inspection Report.pdf</i> [RDHLCC0027792]
BWS031540	BWS031853	B-298	<i>Red Hill Tank 14 OOS Pre-Repair Inspection Report.pdf</i> [RDHLCC0028009]
BWS031854	BWS032143	B-299	<i>Red Hill Tank 17 OOS Pre-Repair Inspection Report.pdf</i> [RDHLCC0028323]
BWS032144	BWS032366	B-300	<i>Tank 5 Final API 653 Inspection Report REV 1 (sent) SIGNED.pdf</i> [RDHLCC0028613]
BWS032367	BWS032368	B-301	<i>Red Hill Application for UST Permit 2018 - Enclosure 05</i> [RDHLCC0024719]
BWS032369	BWS032369	B-302	<i>Red Hill Application for UST Permit 2018 - Enclosure 02</i> [RDHLCC0024829]
BWS032370	BWS032370	B-303	<i>Red Hill Application for UST Permit 2018 - Enclosure 03</i> [RDHLCC0024830]
BWS032371	BWS032371	B-304	<i>Red Hill Application for UST Permit 2018 - Enclosure 04</i> [RDHLCC0024831]
BWS032372	BWS032415	B-305	<i>6b. Tank 15 Repair As Built Jun05.pdf</i> [RDHLCC0027372]
BWS032416	BWS032416	B-306	<i>37. Whitacre 2014i.pdf.msg</i> [RDHLCC0027783]
BWS032417	BWS032424	B-307	<i>RH HIST Tank 19 and 20_1.pdf</i> [RDHLCC0027784]
BWS032425	BWS032429	B-308	Board of Water Supply (BWS) comments on the Red Hill Administrative Order of Consent (AOC) Statement of Work (SOW) Sections 6 and 7 Meeting Held November 16, 2017 and the Groundwater Modelling Working Group Meeting No. 5 Held on November 17, 2017. Letter to Mr. Bob Pallarino and Ms. Roxanne Kwan. December 19, 2017.
BWS032437	BWS032437	B-310	Tank Upgrade Alternatives
BWS032438	BWS032446	B-311	Appendix I - Notification for Underground Storage Tanks Form No. I (6/99)
BWS032447	BWS032448	B-312	Navy Production of Documents in Response to Discovery Request Items 4 and 5 Vaughn Index
BWS032449	BWS032588	B-313	Historic American Engineering Record - U.S. NAVAL BASE, PEARL HARBOR, RED HILL UNDERGROUND FUEL STORAGE SYSTEM
BWS032589	BWS032590	B-314	Board of Water Supply (BWS). 2019b. Subject: IMR Test Labs Destructive Analysis of ten (10) Steel Coupons Removed from Red Hill Fuel Storage Tank #14, Report No. 201801967, dated December 17, 2018 pursuant to Section 5.3 of the Red Hill Bulk Fuel Storage Facility (RHBFSF)

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			Administrative Order on Consent (AOC) Statement of Work. March 6.
BWS032591	BWS032595	B-315	Board of Water Supply (BWS). 2017g. Subject: Red Hill Bulk Fuel Facility Administrative Order on Consent (AOC) – Board of Water Supply (BWS) Comments Regarding the 31 August 2017 AOC Meeting Regarding Tank Upgrade Alternatives, and Quantitative Risk and Vulnerability Assessment. September 12.
BWS032596	BWS032599	B-316	Board of Water Supply (BWS). 2017h. Subject: EPA Letter Regarding: Revision to the Conditional Approval of Scope of Work for Destructive Testing Dated May 30, 2017 Submitted to the Regulatory Agencies Pursuant to Section 5.3.2 of the Red Hill Administrative Order on Consent. October 16.
BWS032600	BWS032603	B-317	Board of Water Supply (BWS). 2017i. Subject: Approval of Red Hill Administrative Order on Consent (“AOC”) Statement of Work (“SOW”) Section 2.4- Tank Inspection, Repair, and Maintenance (“TIRM”) Procedures Decision Document and Clarifications dated September 5, 2017. October 18.
BWS032604	BWS032607	B-318	Board of Water Supply (BWS). 2017j. Subject: Red Hill Bulk Fuel Storage Facility – Tank Upgrade Alternative Decision Process Document Dated September 29, 2017. October 19.
BWS032608	BWS032665	B-319	Board of Water Supply (BWS). 2017k. Subject: Red Hill Bulk Fuel Storage Facility – Red Hill Tanks 14, 17, and 18 Non-Destructive Examination Plan Document Dated October 2017. November 9.
BWS032666	BWS032679	B-320	Board of Water Supply (BWS). 2015b. Subject: September 28, 2015 United States Environmental Protection Agency (EPA) and Hawaii Department of Health (DOH) Response to Comments (RtC). December 3.
BWS032680	BWS032681	B-321	Board of Water Supply (BWS). 2020b. Subject: Request for Update on United States Department of the Navy’s “AOC SOW Section 5 Corrosion and Metal Fatigue Practices, Destructive Testing Results Report” dated July 7, 2019. March 5.

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

BWS032682	BWS032687	B-322	Board of Water Supply (BWS). 2016. Subject: Honolulu Board of Water Supply (BWS) Recommendations to the United States Environmental Protection Agency (EPA) for Characterization Activities While the Navy Red Hill Shaft is Pumping at Low Volumes. October 24.
BWS032688	BWS032691	B-323	<i>3. NavyBulkTank_SpillReleaseData.pdf</i> [RDHLCC0027324]
BWS039374	BWS040071	B-361	Groundwater Flow Model Report, Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, O'ahu, Hawai'i. Administrative Order on Consent in the Matter of Red Hill Bulk Fuel Storage Facility, EPA Docket Number RCRA 7003-R9-2015-01 and DOH Docket Number 15-UST-EA-01, Attachment A, Statement of Work Section 6.2, Section 7.1.2, Section 7.2.2, and Section 7.3.2. 25 March 2020.
BWS043451	BWS043455	B-408	Notice of Violation and Order. State of Hawaii, Department of Health, Solid and Hazardous Waste Branch, Underground Storage Tank Section. NOVO No. 21-UST-EA-01. 26 October 2021.
BWS043456	BWS043475	B-409	Analytical Report. Eurofins Calscience LLC. Environment Testing America. 9 December 2021.
BWS043476	BWS043479	B-410	Red Hill Bulk Fuel Facility, Pearl Harbor, Hawaii, Hotel Pier Near Arizona Street, Pearl Harbor, Hawaii, UST Facility ID No. 9-102271, UST Release ID No. 210011, HEER Incident Release Case Nos. 2020317-0914 and 20200602-1345. State of Hawaii, Department of Health. 30 June 2021.
BWS043480	BWS043581	B-411	Red Hill Fuel Facility Pipeline Failure Full System Integrity Report. Encl: (1) Contractor's Root Cause Analysis dtd 07 September 2021.
BWS043582	BWS043588	B-412	Command Investigation Into The Fuel Spill At The Red Hill Bulk Fuel Storage Facility On Or About 6 May 2021. 14 October 2021.
BWS043589	BWS043608	B-413	Red Hill Bulk Fuel Storage Facility JP-5 Piping Mitigations Report. NAVFAC. October 2021.
BWS043609	BWS043609	B-414	Fuel Tank Advisory Committee meeting, October 28, 2021; F76 Marine Diesel. https://www.youtube.com/watch?v=2OECvnseijk .
BWS043610	BWS043610	B-415	Navy Responds to a Release from a Fire Suppression Drain Line at Red Hill. Commander,

**Intervenor Honolulu Board of Water Supply's
Updated Exhibit List**

			Navy Region Hawaii, Public Affairs Office. 21 November 2021.
BWS043611	BWS043611	B-416	JBPHH Water Response Fact Sheet. 11 December 2021. https://www.cpf.navy.mil/Portals/52/JBPHH-FACT-SHEET-11-DEC-21.pdf .
BWS043612	BWS043613	B-417	Some JBPHH CNIC-housing registered personnel to be assigned to new accommodations. 14 December 2021. https://www.cpf.navy.mil/News/Article/2873725/some-jbphh-cnic-housing-registered-personnel-to-be-assigned-to-new-accommodatio/
BWS043614	BWS043615	B-418	Following inspection, Hawai'i Department of Health issues Notice of Violation and Order to U.S. Navy with over \$325,000 in penalties. Department of Health. 27 October 2021.
BWS043616	BWS043620	B-419	Water Quality Report, Joint Base Pearl Harbor-Hickam Water System (Waiawa, Halawa & Red Hill Sources). NAVFAC. 2021 Annual Report.
BWS043621	BWS043662	B-420	Notice of Interest 20210507-0852 JP-5 spill that occurred on 6 May 2021.
BWS043663	BWS048124	B-421a	Final Second Quarter 2021 – Quarterly Groundwater Monitoring Report Red Hill Bulk Fuel Storage Facility, Part 1. September 2021. https://health.hawaii.gov/ust/files/2021/12/2021-09-2nd-qtr-gw-monitoring-rpt-1-.pdf .
BWS048124	BWS052480	B-421b	Final Second Quarter 2021 – Quarterly Groundwater Monitoring Report Red Hill Bulk Fuel Storage Facility, Part 2. September 2021. https://health.hawaii.gov/ust/files/2021/12/2021-09-2nd-qtr-gw-monitoring-rpt-2-.pdf .
BWS052481	BWS052575	B-422	Second Updated Written Testimony of Nicole M. DeNovio. Report: Evaluation of Hydrology, Groundwater Flow and Contaminant Fate and Transport. Golder Associates Inc. 12 March 2021.
BWS052576	BWS052594	B-423	Written Reply Testimony of Nicole M. DeNovio. Report: Sole Source Aquifer, Reply Testimony. Golder Associates Inc. 15 January 2021.
BWS052595	BWS052604	B-424	Updated Supplemental Written Testimony of Nicole M. DeNovio, Exhibits B-404 through B-407. 13 July 2021.

DEPARTMENT OF HEALTH

STATE OF HAWAII

In the Matter of the Application of

UNITED STATES NAVY

For Emergency Change-In-Service and
Defueling of 20 Underground Storage Tanks,
Red Hill Bulk Fuel Storage Facility

DOCKET NO. 21-UST-EA-02

CERTIFICATE OF SERVICE

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing document was served upon the
following, via email, to their last known email address on December 21, 2021:

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DATED: Honolulu, Hawaii, December 21, 2021.

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By /s/ Jeff A. Lau
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Board of Water Supply,
City and County of Honolulu

DOCKET NO. 21-UST-EA-02, IN THE MATTER OF THE APPLICATION OF UNITED STATES NAVY FOR EMERGENCY CHANGE-IN-SERVICE AND DEFUELING OF 20 UNDERGROUND STORAGE TANKS, RED HILL BULK FUEL STORAGE FACILITY– INTERVENOR HONOLULU BOARD OF WATER SUPPLY’S UPDATED EXHIBIT LIST; CERTIFICATE OF SERVICE