## 9.0 **REFERENCES**

- Fetter, C.W., Jr. 1980. Applied Hydrogeology. Charles E. Merrill Publishing Company, Columbus, OH. ISB No. 0-675-08126-2. 488 pp.
- Suquamish Tribe. 2000. Fish Consumption Survey of the Suquamish Indian Tribe of the Port Madison Indian Reservation, Puget Sound Region. August 2000.
- U.S. Environmental Protection Agency (EPA). 2018. Vapor Intrusion Screening Level Calculator, https://www.epa.gov/vaporintrusion/vapor-intrusion-screening-level-calculator (accessed January 28, 2019). November
- U.S. Environmental Protection Agency (EPA). 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. Office of Solid Waste and Emergency Response. OSWER Publication 9200.2-154. June 2015.
- U.S. Environmental Protection Agency (EPA). 2012. Clarifying the Use of Protectiveness Determinations for Comprehensive Environmental Response, Compensation, and Liability Act Five-Year Reviews. OSWER 9200.2-111. September 2012.
- U.S. Environmental Protection Agency (EPA). 2007. Framework for Selecting and Using Tribal Fish and Shellfish Consumption Rates for Risk-Based Decision Making at CERCLA and RCRA Cleanup Sites in Puget Sound and the Strait of Georgia. Region 10, Office of Environmental Cleanup, Office of Air, Waste, and Toxics, Office of Environmental Assessment, Seattle, Washington. August.
- U.S. Environmental Protection Agency (EPA). 2001. *Comprehensive Five-Year Review Guidance*. Office of Emergency and Remedial Response. EPA 540-R-01-007. OSWER No. 9355.7-03B-P. June 2001.
- U.S. Geologic Survey (USGS). 2019. Draft Groundwater Response to Tidal Fluctuations, Operable Unit 1, Naval Base Kitsap, Keyport, Washington. Prepared in cooperation with the Department of Navy, Naval Facilities Engineering Command, Northwest.
- U.S. Geologic Survey (USGS). 2018. Analysis of Groundwater Response to Tidal Fluctuations, Operable Unit 2, Area 8, Naval Base Kitsap, Keyport, Washington. Prepared in cooperation with the Department of Navy, Naval Facilities Engineering Command, Northwest. Open File Report 2018-1082.
- U.S. Geologic Survey (USGS). 2015. Groundwater Geochemical and Selected Volatile Organic Compound Data, Operable Unit 1, Naval Undersea Warfare Center, Division Keyport, Washington. Data Series 998. Prepared in cooperation with NAVFAC NW. July.
- U.S. Geologic Survey (USGS). 2003. Selected Natural Attenuation Monitoring Data, Operable Unit 1, Naval Undersea Warfare Center, Division Keyport, Washington. Open File Report 2004-1330. Prepared in cooperation with EFA NW. June 2003.

- U.S. Navy. 2020. Draft 2019 Long-Term Monitoring Report, Former Plating Shop/Waste Oil Spill Area, Operable Unit 2, Area 8, Naval Base Kitsap, Keyport, Washington. Prepared by Sealaska, Inc. for Naval Facilities Engineering Command Northwest under Contract No. N44255-14-D-9011, Task Order N4425519F4074. August 4.
- U.S. Navy. 2019a. Final 2018 Vapor Intrusion Study, Operable Unit 1, Naval Base Kitsap, Keyport, Washington. Prepared by Battelle and Geosyntec Consultants for Naval Facilities Engineering Command Northwest under Contract No. N39430-16-D-1802, Task Order 014. April 4.
- U.S. Navy. 2019b. Draft 2018 Groundwater Monitoring Report, Operable Unit 1, Naval Base Kitsap, Keyport, Washington, Prepared by Sealaska, Inc. for Naval Facilities Engineering Command Northwest under Contract No. N44255-14-D-9011, Task Order N4425518F4214. September 25.
- U.S. Navy. 2019c. Draft 2018 Long-Term Monitoring Report, Former Plating Shop/Waste Oil Spill Area, Operable Unit 2, Area 8, Naval Base Kitsap, Keyport, Washington. Prepared by Sealaska, Inc. for Naval Facilities Engineering Command Northwest under Contract No. N44255-14-D-9011, Task Order N4425518F4214. November 12.
- U.S. Navy. 2019d. Internal Draft Keyport Area 8 ERA Addendum, Naval Base Kitsap, Keyport, Washington, Prepared for Naval Facilities Engineering Command Northwest under Contract No. N62742-17-D-1800, Task Order N4425518F4174. November 15.
- U.S. Navy. 2019e. Final Sampling and Analysis Plan, Project-Specific Sampling and Analysis Plan for Keyport OU 1 Source Investigations, Operable Unit 1, Naval Base Kitsap, Keyport, Washington. Prepared by Battelle Memorial Institute for Naval Facilities Engineering Command Northwest under Contract No. N39430-16-D-1802, Task Order N3943018F4359. May 30.
- U.S. Navy. 2019f. Final Sampling and Analysis Plan for Fiscal Year 2018 Keyport Area 8 Indoor Vapor Intrusion Study at Naval Base Kitsap, Keyport, Washington. Prepared by Battelle Memorial Institute and Geosyntec Consultants for Naval Facilities Engineering Command Northwest under Contract No. N39430-16-D-1802, Task Order N3943018F4355. March 20.
- U.S. Navy. 2019g. Final Technical Memorandum: Long-Term Monitoring Program Analyte History, Operable Units 1 and 2, Naval Base Kitsap Keyport. Technical Memorandum to Carlotta Cellucci, NAVFAC NW, from Scott Elkind, Sealaska Environmental. Prepared under Contract N44255-14-D-9011, Task Order (TO) N4425518F4214. December 17.
- U.S. Navy. 2019h. Draft 2018/2019 Annual Operation and Maintenance Report, Operable Unit 1, Naval Base Kitsap, Keyport, Washington. Prepared under Contract N44255-14-D-9011, Task Order (TO) N4425518F4214. October 25.
- U.S. Navy. 2018a. Operable Unit 2 Area 8 Human Health and Ecological Risk Assessment, Naval Base Kitsap, Keyport, Washington. Prepared by Resolution Consultants for Naval Facilities Engineering Command Northwest under Contract No. N62470-11-D-8013. May 18.
- U.S. Navy. 2018b. *Final 2017 Site Recharacterization Report, Phase II, Operable Unit 1, Naval Base Kitsap, Keyport, Washington.* Prepared by Battelle Memorial Institute for Naval Facilities Engineering Command Northwest under Contract No. N39430-16-D-1802, Delivery Order 0010. December 21.

- U.S. Navy. 2018c. Final 2017 Investigation Report, Vapor Intrusion Study, Operable Unit 2, Area 8, Naval Base Kitsap, Keyport, Washington. Prepared by Battelle and Trihydro for Naval Facilities Engineering Command Northwest under Contract No. N44255-14-D-9013, Delivery Order 0026. July 20.
- U.S. Navy, 2018d. Final Spring 2017 Long-Term Monitoring Report, OU 1, Naval Base Kitsap, Keyport Washington. Prepared by Sealaska for Naval Facilities Engineering Command Northwest. September 18.
- U.S. Navy. 2018e. Final Spring 2017 Long-Term Monitoring Report, Former Plating Shop/Waste Oil Spill Area, Area 8, Operable Unit 2, Naval Base Kitsap, Keyport, Washington. Prepared by Sealaska, Inc. for Naval Facilities Engineering Command Northwest under Contract No. N44255-14-D-9011, Task Order 46. June 5.
- U.S. Navy. 2017a. Final *Phase II Investigation Report, Operable Unit 1, Naval Base Kitsap, Keyport, Washington*. Prepared by Resolution Consultants for Naval Facilities Engineering Command Northwest under Contract No. N62470-11-D-8013, CTO JP09. April 21.
- U.S. Navy. 2017b. Final Institutional Controls Plan, Operable Unit 1, Operable Unit 2, and Areas 22 and 7, Naval Base Kitsap Keyport. Prepared by Naval Facilities Engineering Command Northwest. May 1.
- U.S. Navy. 2017c. Final Management and Monitoring Approach Sampling and Analysis Plan, Area 1 Former Landfill, Area 2 Van Meter Road Spill/Drum Storage Site, and Area 8 Plating Shop Waste/oil Spill Area, Long-Term Monitoring, Operable Units 1 & 2 Naval Base Kitsap Keyport. Prepared by Sealaska Environmental Services, LLC for Naval Facilities Engineering Command Northwest. May 19.
- U.S. Navy. 2017d. Final 2016 Annual Operation and Maintenance Report, Operable Unit 1, Naval Base Kitsap, Keyport, Washington, Prepared by Sealaska Environmental Services, LLC for Naval Facilities Engineering Command Northwest. August 17.
- U.S. Navy. 2017e. Final Spring 2016 Long Term Monitoring Report, Operable Unit 1, Naval Base Kitsap, Keyport, Washington, Prepared by Sealaska Environmental Services, LLC for Naval Facilities Engineering Command Northwest. August 22.
- U.S. Navy. 2017f. Final Spring 2016 Long-Term Monitoring Report, Former Plating Shop/Waste Oil Spill Area, Area 8, Operable Unit 2, Naval Base Kitsap, Keyport, Washington. Prepared by Sealaska, Inc. for Naval Facilities Engineering Command Northwest under Contract No. N44255-14-D-9011, Task Order 27. April 14.
- U.S. Navy. 2016a. Final Institutional Controls Plan, Operable Unit 1, Operable Unit 2, and Area 23 Naval Base Kitsap Keyport. Prepared by Sealaska Environmental Services, LLC for Naval Facilities Engineering Command Northwest. August 10.
- U.S. Navy. 2016b. Final 2015 Annual Operation and Maintenance Report, Operable Unit 1, Naval Base Kitsap, Keyport, Washington, Prepared by Sealaska Environmental Services, LLC for Naval Facilities Engineering Command Northwest. August 12.

- U.S. Navy. 2016c. Final Operable Unit 2, Area 8 Human Health/Ecological Risk Assessment Workplan, Naval Base Kitsap, Keyport, Washington. Prepared for Naval Facilities Engineering Command Northwest. December 24.
- U.S. Navy. 2016d. Final Area 8 Marine Investigation Report, Naval Base Kitsap Keyport, Keyport, Washington. Prepared for Naval Facilities Engineering Command Northwest. December 23.
- U.S. Navy. 2015a. Final Site Recharacterization Phase I, Operable Unit 1, Naval Base Kitsap, Keyport, Washington. Prepared by URS Group, Inc. for Naval Facilities Engineering Command Northwest under Contract No. N44255-09-D-4001, Delivery Order 0088. May 27.
- U.S. Navy. 2015b. Fourth Five-Year Review, Naval Base Kitsap, Keyport, Washington. Department of the Navy, Naval Facilities Engineering Command Northwest. December 7.
- U.S. Navy. 2014a. Five-year Review Procedures- Update to DoD Manual (DoDM) 4715.20, "Defense Environmental Restoration Program (DERP) Management Manual." March 9, 2012. Memorandum from the Office of the Under Secretary of Defense dated June 2.
- U.S. Navy. 2014b. Final Quality Control Plan, Long-Term Monitoring at Areas 1, 2, and 8, Operable Units 1 and 2, Naval Base Kitsap, Keyport, Washington. Prepared by Sealaska Environmental Services, LLC for NAVFAC NW, under Contract No. N44255-09-D-4005, CTO 084. Poulsbo, Washington. June 10.
- U.S. Navy. 2013c. *Toolkit for Preparing Five-Year Reviews*. Naval Facilities Engineering Command Northwest. April 2013.
- U.S. Navy. 2012d. Project-Specific Sampling and Analysis Plan, Keyport Area 8 Marine Sediment Evaluation, Naval Base Kitsap, Keyport, Washington. Prepared by URS Group, Inc., for Naval Facilities Engineering Command Northwest. Silverdale, Washington. August 2012.
- U.S. Navy. 2012h. Project Work Plans for Long-Term Monitoring Areas 1, 2, and 8 Operable Units 1 and 2. Naval Base Kitsap, Keyport, Washington. Revision 3. Prepared by CH2M HILL Constructors, Inc. TEC LTM Team for Naval Facilities Engineering Command Northwest. February 2012.
- U.S. Navy. 2012i. Contingent Remedial Action (CRA) Plan. Operable Unit 1. Naval Base Kitsap, Keyport, Washington. Revision 1. Prepared by Sealaska Environmental Services, LLC for Naval Facilities Engineering Command Northwest. February 2012.
- U.S. Navy. 2011b. Policy for Conducting Five-Year Reviews. June 7, 2011.
- U.S. Navy. 2010a. *Third Five-Year Review. Naval Base Kitsap, Keyport, Washington.* Prepared by URS Group, Inc., for Naval Facilities Engineering Command Northwest. Dated December 8, 2010, executed by the Navy December 30, 2010.

- U.S. Navy. 2005a. Second Five-Year Review of Records of Decision, Operable Unit 1 and Operable Unit 2, Naval Undersea Warfare Center, Keyport, Washington. Prepared by URS Group, Inc., for NAVFAC NW under Contract No. N44255-02-D-2008, Delivery Order 0043. Dated May 12, 2005, executed by the Navy June 5, 2005.
- U.S. Navy. 2004. Navy/Marine Corps Policy for Conducting Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Statutory Five-Year Reviews. November 2001 (Revised May 2004).
- U.S. Navy. 2003a. Contingent Remedial Action Plan for Operable Unit 1, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by URS Group, Inc., for Engineering Field Activity, Northwest, under Contract No. N44255-00-D-2476, Delivery Order 30. March 2003.
- U.S. Navy. 2001. Long-Term Monitoring Data Report, Former Plating Shop/Waste Oil Spill Area, Area 8, Operable Unit 2, Naval Undersea Warfare Center Division Keyport, Washington. Prepared by CH2M HILL Constructors, Inc., and TEC LTM Team. June 2001.
- U.S. Navy. 2001b. Policy on Land Use Controls Associated with Environmental Restoration Activities. Office of the Undersecretary of Defense. January 17.
- U.S. Navy. 2000a. Institutional Controls Management Plan for Operable Unit 1 and Operable Unit 2, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by URS Greiner, Inc., for EFA NW, under CLEAN Contract No. N62474-89-D-9295, Contract Task Order 10. May 2000.
- U.S. Navy. 2000b. First Five-Year Review, Operable Unit 1 and Operable Unit 2, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by CH2M HILL Constructors, Inc., and TEC LTM Team for EFA NW under Contract Task Order 002.
- U.S. Navy. 1999c. Closure Report, Sediment Removal and Upgrade of Tide Gate, Operable Unit 1, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by Foster Wheeler Environmental Corporation for EFA NW under RAC Contract No. N44255-95-D-6030, Delivery Order 61. December 1999.
- U.S. Navy. 1999d. Closure Report, Remedial Action, Area 8, Building 72 Plating Shop Demolition and Soil Hot Spot Removal, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by Foster Wheeler Environmental Corporation for EFA NW.
- U.S. Navy. 1997b. Summary Data Assessment Report for Operable Unit 1, Additional Pre-ROD Data Collection for the CLEAN Northwest Area, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by URS Consultants and Science Applications International Corporation for EFA NW under CLEAN Contract No. N62474-89-D-9295.
- U.S. Navy. 1996a. Post-ROD Confirmational Groundwater Monitoring Report for Operable Unit 2, Area 5 Sludge Disposal Area, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by EA Engineering, Science, and Technology for EFA NW.

- U.S. Navy. 1996b. Results of Post-ROD Confirmatory Sampling at Area 9, Liberty Bay, Operable Unit 2, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by EA Engineering, Science, and Technology for EFA NW.
- U.S. Navy. 1993b. Remedial Investigation Report, NUWC Keyport. Prepared by URS Consultants and Science Applications International Corporation for EFA NW under CLEAN Contract No. N62474-89-D-9295, CTO 10. October 1993.
- U.S. Navy, U.S. Environmental Protection Agency (EPA), and Washington State Department of Ecology (Ecology). 1998. Record of Decision for Operable Unit 1, Naval Undersea Warfare Center Division, Keyport, Washington. Prepared by URS Greiner and Science Applications International Corporation for EFA NW under CLEAN Contract No. N62474-89-D-9295, CTO 10. September 30, 1998.
- U.S. Navy, U.S. Environmental Protection Agency (EPA), and Washington State Department of Ecology (Ecology). 1996. Explanation of Significant Differences for the Record of Decision for Operable Unit 2, Naval Undersea Warfare Center Division, Keyport, Washington – Area 8, Plating Shop Waste Area. Prepared by EA Engineering, Science, and Technology for EFA NW. March 15, 1996 (Revised June 1, 1996).
- U.S. Navy, U.S. Environmental Protection Agency (EPA), and Washington State Department of Ecology (Ecology). 1994. *Record of Decision for Operable Unit 2, Naval Undersea Warfare Center Division, Keyport, Washington*. Prepared by URS Consultants and Science Applications International Corporation for EFA NW under CLEAN Contract No. N62474-89-D-9295, CTO 10. September 28, 1994.
- Washington State Department of Ecology (Ecology). 2019a. Sediment Cleanup User's Manual II (SCUM II) Guidance for Implementing the Cleanup Provisions of the Sediment Management Standards, Chapter 173-204 WAC. Publication No. 12-09-057, Original Publication March 2015, Revised December 2019.
- Ecology. 2019b. *Trichloroethylene (TCE): Deriving Cleanup Levels under the Model Toxics Control Act (MTCA)*. Summary Table of Standard MTCA Methods B and C Cleanup levels. May.
- Ecology. 2016. Review Draft Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Publication No. 09-09-047. Toxics Cleanup Program. Published October 2009, revised February 2016.
- Ecology. 2013. *Model Toxics Control Act Cleanup Regulation*. Chapter 173-340 Washington Administrative Code.