



Final

APRIL 2024

2023 Land Use Controls Inspection Report

Naval Air Station Whidbey Island, Oak Harbor, Washington

**Department of the Navy
Naval Facilities Engineering Systems Command Northwest**

1101 Tautog Circle
Silverdale, WA 98315-1101



Approved for public release. Distribution is unlimited.



**Naval Facilities Engineering Systems Command Northwest
Silverdale, WA**

Final

2023 Land Use Controls Inspection Report

Naval Air Station Whidbey Island,
Oak Harbor, Washington

April 2024

DCN: LBJV-5006-4067-0009

Prepared for:

United States Department of the Navy
Naval Facilities Engineering Systems Command Northwest
1101 Tautog Circle
Silverdale, WA 98315

Prepared by:

Liberty JV
15862 SW 72nd Avenue, Suite 150
Portland, OR 97224
503-639-3400



Contract Number: N44255-20-D-5006; Task Order No. N4425523F4067

This page is intentionally blank.

FINAL
2023 LAND USE CONTROLS INSPECTION REPORT
NAVAL AIR STATION WHIDBEY ISLAND, OAK HARBOR, WASHINGTON

April 2024

Prepared for
United States Department of the Navy
Naval Facilities Engineering Systems Command Northwest

Silverdale, WA 98315

REVIEW AND APPROVAL

Task Order Manager:

Chelsea Lyn Foster, LG
Liberty JV

Date

This page is intentionally blank.

Table of Contents

	Page
Acronyms and Abbreviations.....	xi
1.0 Introduction	1-1
1.1 Purpose.....	1-1
1.2 Regional and Facility Description	1-1
1.2.1 Comprehensive Environmental Response, Compensation, and Liability Act Areas	1-2
1.2.2 Munitions Response Program Sites	1-3
1.2.3 Petroleum Sites	1-5
1.3 Organization of Inspection Report.....	1-5
2.0 Land Use Control Inspections	2-1
2.1 Operable Unit 1, Area 5, Highway 20/Hoffman Road (Surface) Landfill	2-3
2.1.1 Site-Specific Land Use Controls and Findings	2-3
2.1.2 Site Walk-Through Observations.....	2-4
2.1.3 Conclusion and Recommendations	2-5
2.2 Operable Unit 1, Area 6, Current (1969–1980s) Landfill	2-5
2.2.1 Site-Specific Land Use Controls and Findings	2-5
2.2.2 Site Walk-Through Observations.....	2-6
2.2.3 Conclusion and Recommendations	2-9
2.3 Operable Unit 2, Area 2, Western Highlands Landfill	2-10
2.3.1 Site-Specific Land Use Controls and Findings	2-10
2.3.2 Site Walk-Through Observations.....	2-11
2.3.3 Conclusion and Recommendations	2-12
2.4 Operable Unit 2, Area 3, 1969–1970 Landfill	2-13
2.4.1 Site-Specific Land Use Controls and Findings	2-13
2.4.2 Site Walk-Through Observations.....	2-14
2.4.3 Conclusion and Recommendations	2-15
2.5 Operable Unit 2, Area 4, Walker Barn Storage Area.....	2-16
2.5.1 Site-Specific Land Use Controls and Findings	2-16
2.5.2 Site Walk-Through Observations.....	2-17

Table of Contents (continued)

	Page
2.5.3 Conclusion and Recommendations	2-18
2.6 Operable Unit 2, Area 29, Clover Valley Fire School	2-18
2.6.1 Site-Specific Land Use Controls and Findings	2-18
2.6.2 Site Walk-Through Observations.....	2-19
2.6.3 Conclusion and Recommendations	2-20
2.7 Operable Unit 3, Area 16, Runway Ditches.....	2-21
2.7.1 Site-Specific Land Use Controls and Findings	2-21
2.7.2 Site Walk-Through Observations.....	2-21
2.7.3 Conclusion and Recommendations	2-22
2.8 Operable Unit 4, Areas 48/49, Seaplane Base Landfill	2-23
2.8.1 Site-Specific Land Use Controls and Findings	2-23
2.8.2 Site Walk-Through Observations.....	2-23
2.8.3 Conclusion and Recommendations	2-24
2.9 Operable Unit 5, Area 1, Former Beach Landfill.....	2-25
2.9.1 Site-Specific Land Use Controls and Findings	2-25
2.9.2 Site Walk-Through Observations.....	2-26
2.9.3 Conclusion and Recommendations	2-28
2.10 Operable Unit 5, Area 31, Former Runway Fire Training School	2-29
2.10.1 Site-Specific Land Use Controls and Findings	2-29
2.10.2 Site Walk-Through Observations.....	2-29
2.10.3 Conclusion and Recommendations	2-31
2.11 Operable Unit 5, Area 52, Jet Engine Test Cell.....	2-31
2.11.1 Site-Specific Land Use Controls and Findings	2-31
2.11.2 Site Walk-Through Observations.....	2-32
2.11.3 Conclusion and Recommendations	2-33
2.12 Site 22, Hangar 5	2-34
2.12.1 Site-Specific Land Use Controls and Findings	2-34
2.12.2 Site Walk-Through Observations.....	2-34

Table of Contents (continued)

	Page
2.12.3 Conclusion and Recommendations	2-35
2.13 Site EO354, Former Machine Gun Ranges B and C	2-36
2.13.1 Site-Specific Land Use Controls and Findings	2-36
2.13.2 Site Walk-Through Observations	2-37
2.13.3 Conclusion and Recommendations	2-38
2.14 Site EO354, Former Mobile Turret Tower Range	2-38
2.14.1 Site-Specific Land Use Controls and Findings	2-38
2.14.2 Site Walk-Through Observations	2-39
2.14.3 Conclusion and Recommendations	2-40
2.15 Site EO351, Former Lake Hancock Target Range	2-40
2.15.1 Site-Specific Land Use Controls and Findings	2-40
2.15.2 Site Walk-Through Observations	2-41
2.15.3 Conclusion and Recommendations	2-43
2.16 Site 36, Former Fuel Farm 1	2-44
2.16.1 Site-Specific Land Use Controls and Findings	2-44
2.16.2 Site Walk-Through Observations	2-45
2.16.3 Conclusion and Recommendations	2-48
2.17 Site 35, Former Fuel Farm 2	2-49
2.17.1 Site-Specific Land Use Controls and Findings	2-49
2.17.2 Site Walk-Through Observations	2-50
2.17.3 Conclusion and Recommendations	2-52
2.18 Site 13, Former Fuel Farm 3	2-53
2.18.1 Site-Specific Land Use Controls and Findings	2-53
2.18.2 Site Walk-Through Observations	2-54
2.18.3 Conclusion and Recommendations	2-56
2.19 Site 11, Former Fuel Farm 4	2-57
2.19.1 Site-Specific Land Use Controls and Findings	2-57
2.19.2 Site Walk-Through Observations	2-58

Table of Contents (continued)

	Page
2.19.3 Conclusion and Recommendations	2-59
2.20 Site 45, TCE Tank	2-60
2.20.1 Site-Specific Land Use Controls and Findings	2-60
2.20.2 Site Walk-Through Observations	2-60
2.20.3 Conclusion and Recommendations	2-61
3.0 Summary and Recommendations	3-1
4.0 References	4-1

List of Appendices

Appendix A: NOPF Coos Head LUC Inspection Checklist	A-1
Appendix B: LUC Inspection Checklists	B-1
Appendix C: Photograph Log	C-1
Appendix D: Monitoring Well Inspection Checklists	D-1
Appendix E: Field Notes	E-1
Appendix F: Drinking Water Well Evaluation	F-1
Appendix G: Responses to Regulator Comments on Draft	G-1

List of Figures

Figure 1-1: Site Location Map	1-7
Figure 1-2: Ault Field Site Location Map	1-9
Figure 1-3: Seaplane Base Site Location Map	1-11
Figure 1-4: MRP Site EO351, Former Lake Hancock Target Range Site Location Map	1-13
Figure 2-1: OU 1 Area 5, Highway 20/Hoffman Road (Surface) Landfill	2-63
Figure 2-2: OU 1 Area 6, Current (1969–1980s) Landfill	2-65
Figure 2-3: OU 2 Area 2, Western Highlands Landfill	2-67
Figure 2-4: OU 2 Area 3, 1969–1970 Landfill	2-69
Figure 2-5: OU 2 Area 4, Walker Barn Storage Area	2-71
Figure 2-6: OU 2 Area 29, Clover Valley Fire School	2-73

Table of Contents (continued)

	Page
Figure 2-7: OU 3 Area 16, Runway Ditches	2-75
Figure 2-8: OU 4 Areas 48/49, Seaplane Base Landfill.....	2-77
Figure 2-9: OU 5 Area 1, Former Beach Landfill	2-79
Figure 2-10: OU 5 Area 31, Former Runway Fire Training School.....	2-81
Figure 2-11: OU 5 Area 52, Jet Engine Test Cell	2-83
Figure 2-12: Site 22, Hangar 5.....	2-85
Figure 2-13: MRP Sites EO354, Former MGRs B & C and Former MTTR	2-87
Figure 2-14: MRP Site EO351, Former Lake Hancock Target Range.....	2-89
Figure 2-15: Site 36, Former Fuel Farm 1	2-91
Figure 2-16: Site 35, Former Fuel Farm 2.....	2-93
Figure 2-17: Site 13, Former Fuel Farm 3.....	2-95
Figure 2-18: Site 11, Former Fuel Farm 4.....	2-97
Figure 2-19: Site 45, TCE Tank	2-99

List of Tables

Table 2-1: Sites Inspected During 2023 LUC Inspections.....	2-1
Table 2-2: Recommendations for OU 1 Area 5, Highway 20/Hoffman Road (Surface) Landfill	2-5
Table 2-3: Monitoring Wells at OU 1 Area 6, Current (1969–1980s) Landfill	2-8
Table 2-4: Recommendations for OU 1 Area 6, Current (1969–1980s) Landfill.....	2-9
Table 2-5: Monitoring Wells at OU 2 Area 2, Western Highlands Landfill	2-12
Table 2-6: Recommendations for OU 2 Area 2, Western Highlands Landfill	2-12
Table 2-7: Monitoring Wells at OU 2 Area 3, 1969–1970 Landfill	2-15
Table 2-8: Recommendations for OU 2 Area 3, 1969–1970 Landfill.....	2-15
Table 2-9: Monitoring Wells at OU 2 Area 4, Walker Barn Storage Area.....	2-17
Table 2-10: Recommendations for OU 2 Area 4, Walker Barn Storage Area	2-18
Table 2-11: Monitoring Wells at OU 2 Area 29, Clover Valley Fire School	2-20
Table 2-12: Recommendations for OU 2 Area 29, Clover Valley Fire School.....	2-20
Table 2-13: Recommendations for OU 3 Area 16, Runway Ditches	2-22

Table of Contents (continued)

	Page
Table 2-14: Recommendations for OU 4 Areas 48/49, Seaplane Base Landfill.....	2-25
Table 2-15: Monitoring Wells at OU 5 Area 1, Former Beach Landfill.....	2-27
Table 2-16: Recommendations for OU 5 Area 1, Former Beach Landfill	2-28
Table 2-17: Monitoring Wells at OU 5 Area 31, Former Runway Fire Training School.....	2-30
Table 2-18: Recommendations for OU 5 Area 31, Former Runway Fire Training School.....	2-31
Table 2-19: Recommendations for OU 5 Area 52, Jet Engine Test Cell	2-33
Table 2-20: Monitoring Wells at Site 22, Hangar 5.....	2-35
Table 2-21: Recommendations for Site 22, Hangar 5	2-36
Table 2-22: Recommendations for Site EO354, Former Machine Gun Ranges B and C	2-38
Table 2-23: Recommendations for Site EO354, Former Mobile Turret Tower Range	2-40
Table 2-24: Recommendations for Site EO351, Former Lake Hancock Target Range	2-44
Table 2-25: Monitoring Wells at Site 36, Former Fuel Farm 1	2-47
Table 2-26: Recommendations for Site 36, Former Fuel Farm 1	2-48
Table 2-27: Monitoring Wells at Site 35, Former Fuel Farm 2	2-51
Table 2-28: Recommendations for Site 35, Former Fuel Farm 2	2-52
Table 2-29: Monitoring Wells at Site 13, Former Fuel Farm 3	2-55
Table 2-30: Recommendations for Site 13, Former Fuel Farm 3	2-56
Table 2-31: Monitoring Wells at Site 11, Former Fuel Farm 4	2-59
Table 2-32: Recommendations for Site 11, Former Fuel Farm 4	2-59
Table 2-33: Recommendations for Site 45, TCE Tank.....	2-61
Table 3-1: Summary of Land Use Control Inspection Checklist Findings at Specified Areas/Sites of NAS Whidbey Island	3-3
Table 3-2: Summary of Signage and Fencing at Specified Areas/Sites of NAS Whidbey Island	3-5

Acronyms and Abbreviations

bgs	below ground surface
CERCLA.....	Comprehensive Environmental Response, Compensation, and Liability Act
EC	engineering control
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
ESD	explanation of significant difference
GETR	groundwater extraction, treatment, and recharge
IC	institutional control
ID	identification
IDW	investigation-derived waste
LTM	long-term monitoring
LUCWP	<i>2023 Land Use Controls Inspection Work Plan</i>
LUC	land use control
LUCIP	Land Use Control Implementation Plan
MEC	munitions and explosives of concern
MGR	Machine Gun Range
MPPEH	material potentially presenting an explosive hazard
MRP	Munitions Response Program
MTCA	Model Toxics Control Act
MTTR	Mobile Turret Tower Range
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Systems Command
Navy	U.S. Department of the Navy
NOPF	Naval Ocean Processing Facility
NPL	National Priorities List
NTCRA	non-time critical removal action
OU	operable unit
PFAS	per- and polyfluoroalkyl substances

Acronyms and Abbreviations (continued)

ROD	Record of Decision
RPM	Remedial Project Manager
TCE	trichloroethene
UXO	unexploded ordnance
WA-525	Washington State Route 525

1.0 Introduction

This Land Use Controls (LUC) Inspection Report describes the observations and subsequent recommendations from the LUC inspections conducted from 20 to 27 September 2023 at specified areas/sites of Naval Air Station (NAS) Whidbey Island, Oak Harbor, Washington. The Liberty JV prepared this report for Naval Facilities Engineering Systems Command (NAVFAC) Northwest under Contract No. N44255-20-D-5006, Task Order No. N4425523F4067.

LUC inspections prescribed by the *Land Use Controls Implementation Plan* (LUCIP; Liberty JV 2020), were conducted in accordance with the procedures detailed in the *2023 Land Use Controls Inspection Work Plan* (LUCWP; Liberty JV 2023a). The LUCWP also provides the definition of LUCs, including institutional controls (ICs) and engineering controls (ECs), for reference. The LUC inspection procedures provide a means to verify that the required LUCs are protective of human health and the environment.

1.1 Purpose

The purpose of LUC inspections and this inspection report is to:

- Describe the effectiveness of the LUCs to protect human health and the environment.
- Determine whether the required LUCs are meeting the necessary level of protection and, if needed, provide recommendations for LUC corrective actions.
- Provide documentation that the United States Department of the Navy (Navy) has not modified or terminated LUCs or modified land use (without regulatory approval) at any site.
- Provide documentation to the applicable regulatory agencies (i.e., U.S. Environmental Protection Agency [EPA] and Washington State Department of Ecology [Ecology]) of the inspection.

1.2 Regional and Facility Description

NAS Whidbey Island is located on Whidbey Island in Island County, Washington, at the northern end of Puget Sound and the eastern end of the Strait of Juan de Fuca (see Figure 1-1). Whidbey Island is a north/south-oriented island approximately 40 miles long, ranging from 1 to 10 miles wide. NAS Whidbey Island is a Navy facility comprising eight geographically distinct sites. Three of these sites have specific areas/sites that require LUCs: Ault Field (4,337 acres), Seaplane Base (2,773 acres), and Former Lake Hancock Target Range (423 acres; see Figures 1-2, 1-3, and 1-4, respectively). The

facility is bordered by residential and agricultural land uses and is located near the city of Oak Harbor, which has a population of approximately 24,403 based on 2022 data (U.S. Census Bureau 2023).

Naval Ocean Processing Facility (NOPF) Coos Head is located in Charleston in Coos County, Oregon, on the bluff of the southern shores of the mouth of the Coos River. The Navy operated the facility from 1957 to 1987 on a tract of land approximately 45.5 acres, 43.1 acres of which were transferred to the Confederated Tribes of Coos-Lower Umpqua-Siuslaw in 2005. The Navy maintains an active facility on the remaining 2.4 acres in the northwestern portion of the Confederated Tribes of Coos-Lower Umpqua-Siuslaw property, which is managed remotely under NAS Whidbey Island. NOPF Coos Head is bounded to the southwest by Bastendorff Beach County Park and to the southeast by the Charleston Marina Complex and the unincorporated community of Charleston.

1.2.1 Comprehensive Environmental Response, Compensation, and Liability Act Areas

The EPA placed two areas of NAS Whidbey Island, Ault Field and Seaplane Base, on the National Priorities List (NPL) in 1990. In accordance with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Superfund Amendments and Reauthorization Act guidelines, Ault Field and Seaplane Base were administratively divided into the following five operable units (OUs), each addressed by an individual record of decision (ROD) that was signed by the Navy, Ecology, and the EPA:

- OU 1 – Ault Field (EPA/ROD/R10-94/075; Navy, Ecology, and EPA 1993a)
 - Area 5, Highway 20/Hoffman Road (Surface) Landfill
 - Area 6, Current (1969–1980s) Landfill (Navy 2019a)
- OU 2 – Ault Field (EPA/ROD/R10-94/077; Navy, Ecology, and EPA 1994)
 - Area 2, Western Highlands Landfill
 - Area 3, 1969–1970 Landfill
 - Area 4, Walker Barn Storage Area
 - Area 29, Clover Valley Fire School
- OU 3 – Ault Field (EPA/ROD/R10-95/113; Navy, Ecology, and EPA 1995)
 - Area 16, Runway Ditches
- OU 4 – Seaplane Base (EPA/ROD/R10-94/074; Navy, Ecology, and EPA 1993b)
 - Areas 48/49, Seaplane Base Landfill

- OU 5 – Ault Field (EPA/ROD/R10-96/142; Navy, Ecology, and EPA 1996)
 - Area 1, Former Beach Landfill
 - Area 31, Former Runway Fire Training School (historically also included as part of OU 3)
 - Area 52, Jet Engine Test Cell

The NAS Whidbey Island RODs and associated remedial actions for all five OUs, with the exception of OU 1 Area 6, have either been fully completed or are in long-term monitoring (LTM) or operation and maintenance status. Additionally, Seaplane Base, which comprises OU 4, has since been removed from the NPL. However, at the time the RODs were signed, LUCs included in the RODs were unclear and lacked both detailed objectives and specific requirements. As such, the *Explanation of Significant Differences to the Records of Decision for Operable Units 1, 2, 3, 4, & 5 at Naval Air Station Whidbey Island* (Navy 2007) was completed to clarify LUC objectives, requirements, and responsibilities for OUs 1 through 5. For OU 1 Area 6, a ROD Amendment was finalized in 2019 detailing additional remedy requirements (Navy 2019); implementation of the new remedy is in progress.

Site 22, Hangar 5, was included in the suite of CERCLA sites in 2016 after workers described a petroleum-like odor while removing concrete slabs in the flight line north of Hangar 5 (Battelle 2020). Although this is a petroleum release that falls under Ecology Model Toxics Control Act (MTCA) regulations, this site is listed on the Ault Field NPL, so it is included with the discussion of CERCLA areas. No decision document requires LUCs at Site 22 Hangar 5; however, LUCs are needed to maintain long-term protection of human health and the environment. As such, LUCs for Hangar 5 were developed based on the nature and extent of contamination described in *Soil and Groundwater Sampling Results, Hangar 5, NAS Whidbey Island, Oak Harbor, Washington* (MMEC Group and AECOM 2016).

1.2.2 Munitions Response Program Sites

LUCs are implemented under the Munitions Response Program (MRP) at former gun range sites:

- Site EO354, Former Machine Gun Ranges (MGRs) B and C
- Site EO354, Former Mobile Turret Tower Range (MTTR)
- Site EO351, Former Lake Hancock Target Range

Former MGRs B and C and Former MTTR were constructed in 1942 and 1943 as part of the former Aviation Fleet Gunnery School, NAS Whidbey Island, as a training facility for naval aviation gunners; MGR A is still actively used. The *Action Memorandum*,

Former Aviation Fleet Gunnery School, Naval Air Station Whidbey Island, Oak Harbor, Washington (URS 2013) provides a description of the sites, documents their LUCs and details approval of a non-time critical removal action (NTCRA) for the two sites. The NTCRA selects and implements LUCs that restrict future land uses at Former MGRs B and C and Former MTTR for long-term protection of human health and the environment from munitions constituents, while maintaining current recreational land use for the public.

An engineering evaluation/cost analysis that evaluated remedial alternatives for Former MGRs B and C and Former MTTR was finalized in January 2013 (Navy 2013a). The final engineering evaluation/cost analysis recommended administrative controls imposed to limit Navy development of Former MGRs B and C and Former MTTR to “nonresidential” land uses. Nonresidential land uses may include recreational, industrial, and commercial uses. Prohibited land uses for Former MGRs B and C and Former MTTR would include residential housing, elementary and secondary schools, childcare facilities, and playgrounds. To document and enforce these administrative controls, Former MGRs B and C and Former MTTR were incorporated into the *LUCIPs* (URS 2014; Liberty JV 2020).

The southern portion of the Former Lake Hancock Target Range was used for aerial bombing training from 1943 to 1971; the northern portion of the Navy property was used for training purposes that did not include munitions and explosives of concern (MEC)/material potentially presenting an explosive hazard (MPPEH). Based on the results of past investigations, there exists a potential for MEC/MPPEH risk at the Former Lake Hancock Target Range. As such, the *Record of Decision for Former Lake Hancock Target Range, NAS Whidbey Island, Whidbey Island, Washington* (Navy 2016) identifies the selected response action necessary to protect human health or welfare and the environment from actual or threatened explosive hazards at the site based on the current and intended future land use. The major components of the selected response action include the following:

- Surface removal of munitions items
- Annual surface inspections and munitions removals in and around the target area
- Surface inspections and munitions removals every five years within the removal action area boundary until no MEC/MPPEH items and less than 10 material documented as safe items are identified during inspections
- LUCs

As stated in the ROD for Former Lake Hancock Target Range (Navy 2016), LUCs were implemented to prevent exposure to MEC/MPPEH by prohibiting residential use,

requiring unexploded ordnance (UXO) support during construction activities, and requiring perimeter fencing and signage designating Former Lake Hancock Target Range as a restricted access area and potential UXO area.

1.2.3 Petroleum Sites

LUCs are required and implemented at a total of five petroleum sites at NAS Whidbey Island:

- Site 36, Former Fuel Farm 1
- Site 35, Former Fuel Farm 2
- Site 13, Former Fuel Farm 3
- Site 11, Former Fuel Farm 4
- Site 45, Trichloroethene (TCE) Tank

LUCs are implemented at the four former fuel farms as described in the *Revised Cleanup Action Plan, NAS Whidbey Island, Closed Former Fuel Farms 1, 2, 3 and Fire Training Area* (Navy 2013b) and in the *Interim Remedial Action Completion Report (IRACR) Addendum, Site 11 NAS Whidbey Island, Former Fuel Farm 4 and Building 491* (Navy 2013c).

LUCs are also implemented and required at Site 45, TCE Tank, in accordance with the *Memorandum to File, Documentation of Response Complete for Installation Restoration Site 45 at Naval Air Station Whidbey Island, Washington* (Navy 2015).

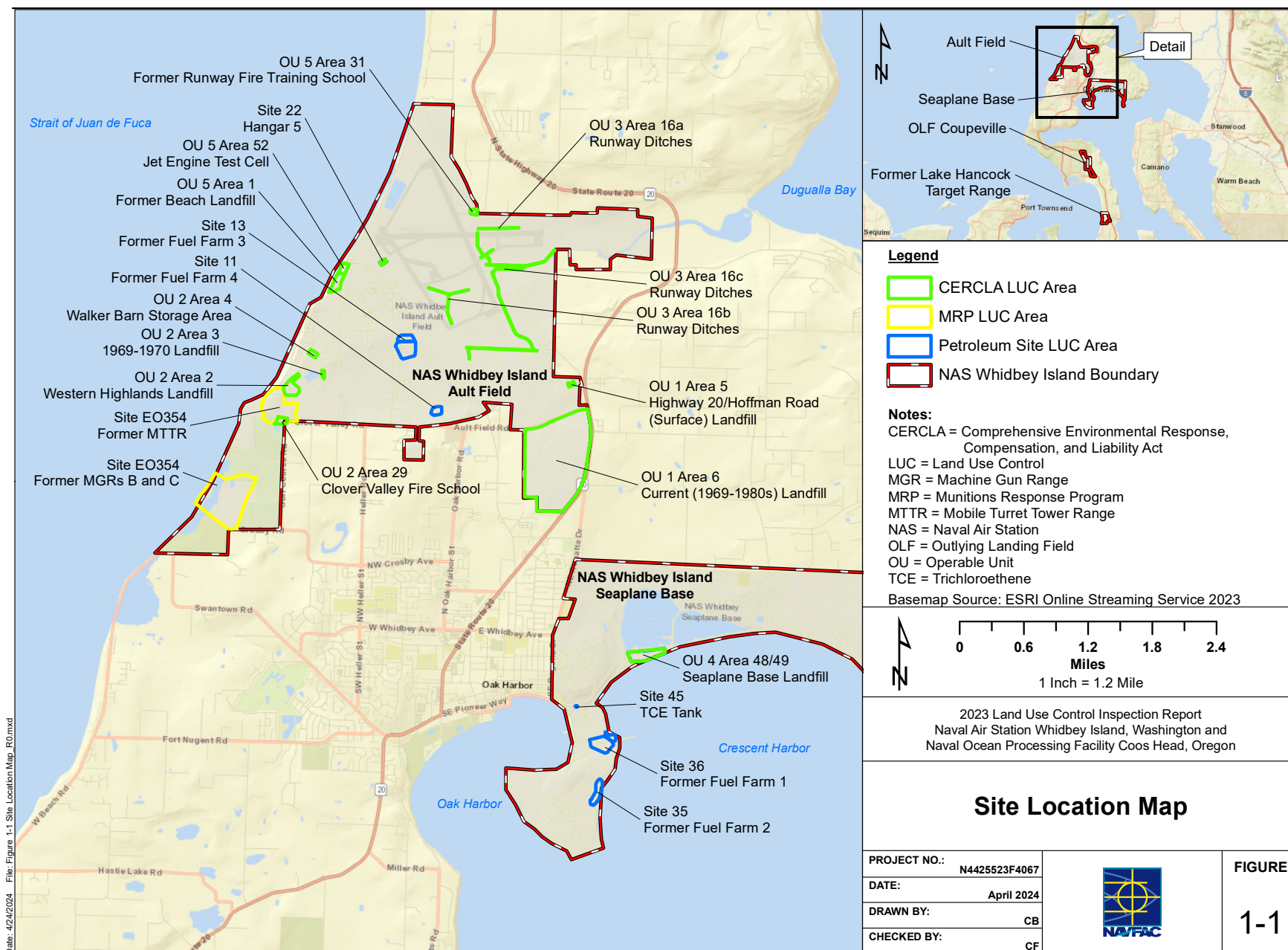
- LUCs are also required and implemented at one site at NOPF Coos Head: Former Tank #6 Site, UST002.
- Former Tank #6 LUCs are implemented in accordance with the *Land Use Controls/Institutional Controls Plan for Former Tank #6, Coos Head NOPF, Charleston, Oregon* (Navy 2019b), which is included in the LUCIP.

1.3 Organization of Inspection Report

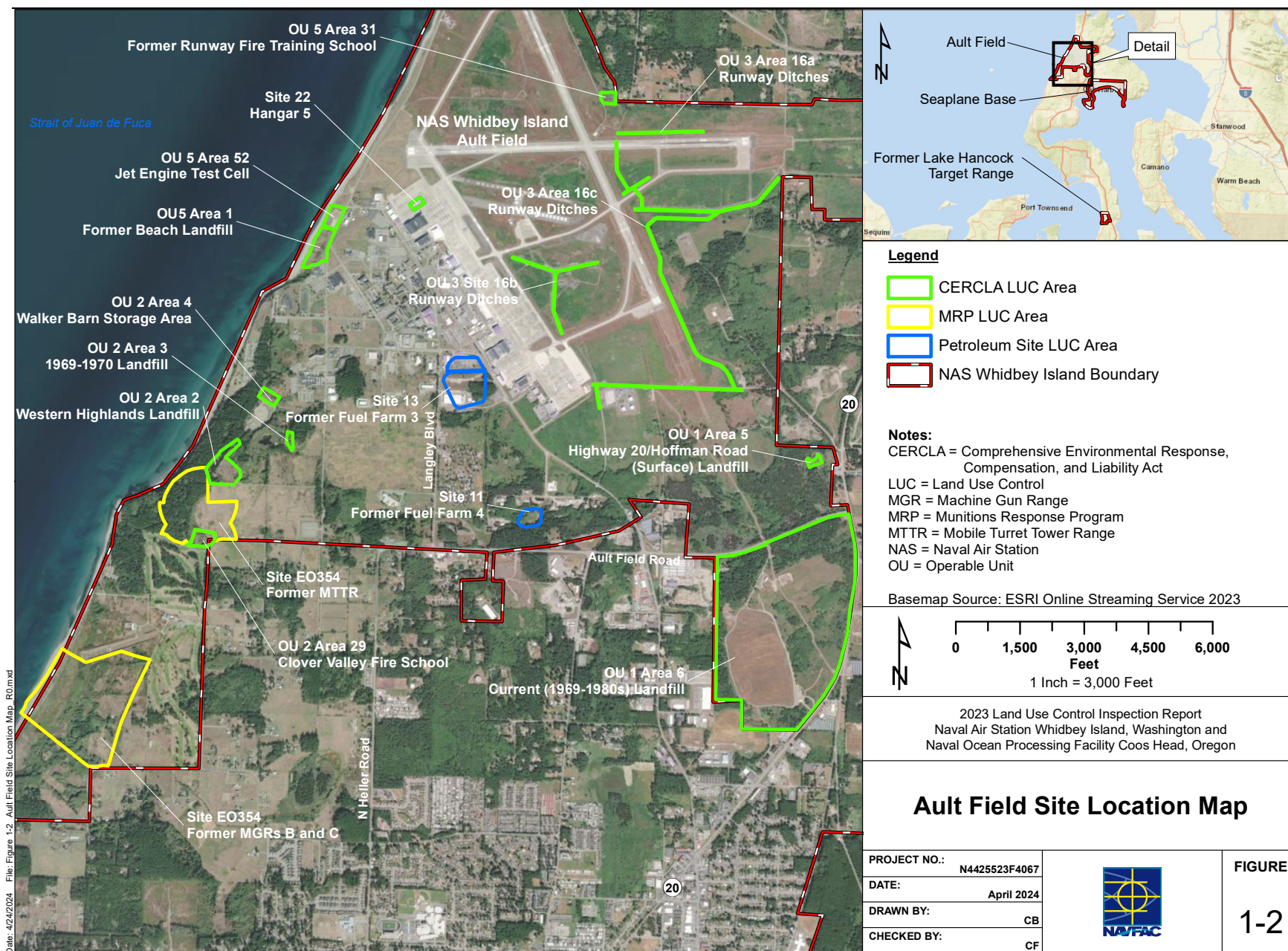
This report details the observations/findings and subsequent conclusions and recommendations, if necessary, noted at each of the 20 areas/sites inspected during the 2023 LUC inspections at NAS Whidbey Island. Additional documentation regarding the LUC inspection activities is provided in the appendices to this report:

- Appendix A: NOPF Coos Head LUC Inspection Checklist
- Appendix B: NASWI LUC Inspection Checklists

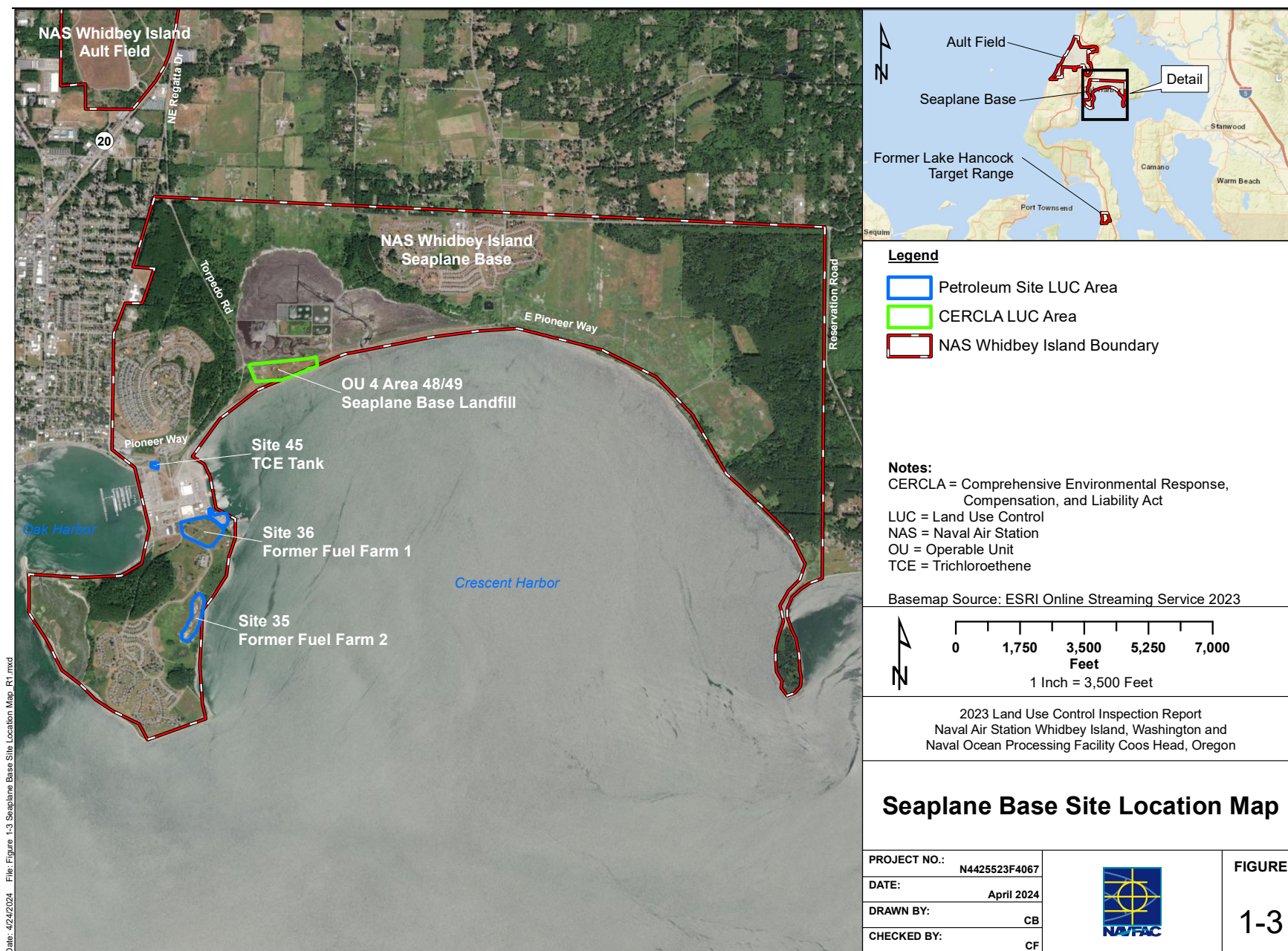
- Appendix C: Photograph Log
- Appendix D: Monitoring Well Inspection Checklists
- Appendix E: Field Notes
- Appendix F: Drinking Water Well Evaluation
- Appendix G: Responses to EPA Comments on Draft (included in the final version of this report)



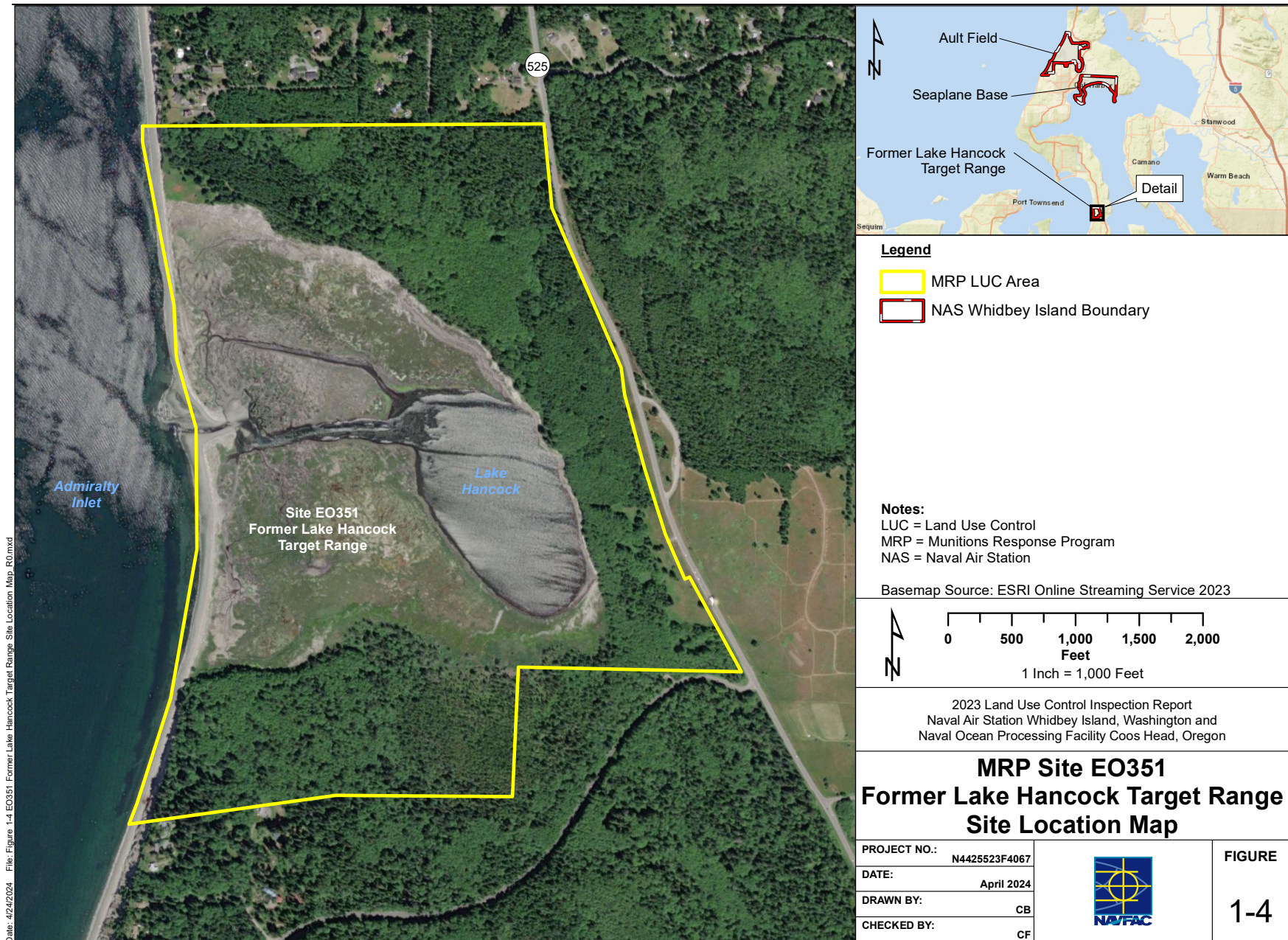
This page is intentionally blank.



This page is intentionally blank.



This page is intentionally blank.



Date: 4/24/2024 File: Figure 1-4 EO351 Former Lake Hancock Target Range Site Location Map R0.mxd

This page is intentionally blank.

2.0 Land Use Control Inspections

As the lead agency and property owner/controller, the Navy maintains responsibility for ensuring the effectiveness of the LUCs until LUCs are no longer required to protect public health. If the Navy sells or transfers a property that has LUC requirements, then the Navy may no longer be responsible for these LUC requirements, depending on approvals from the regulatory agencies (i.e., EPA and Ecology).

NAVFAC Northwest is responsible for assisting NAS Whidbey Island in enforcing and inspecting the effectiveness of LUCs. In September 2023, LUC inspections were performed at the 20 areas/sites at NAS Whidbey Island listed in the LUCIP (Liberty JV 2020). The 20 areas/sites inspected during the 2023 inspection are the CERCLA areas, MRP sites, and petroleum sites listed in Table 2-1 and Section 1.2 of this report.

Table 2-1: Sites Inspected During 2023 LUC Inspections

Program	Site
CERCLA	OU 1, Area 5, Highway 20/Hoffman Road (Surface) Landfill
	OU 1, Area 6, Current (1969-1980s) Landfill
	OU 2, Area 2, Western Highlands Landfill
	OU 2, Area 3, 1969 to 1970 Landfill
	OU 2, Area 4, Walker Barn Storage Area
	OU 2, Area 29, Clover Valley Fire School
	OU 3, Area 16, Runway Ditches
	OU 4, Areas 48/49, Seaplane Base Landfill
	OU 5, Area 1, Former Beach Landfill
	OU 5, Area 31, Former Runway Fire Training School
	OU 5, Area 52, Jet Engine Test Cell
	Site 22, Hangar 5
MRP	Site EO354, Former Machine Gun Ranges B and C
	Site EO354, Former Mobile Turret Tower Range
	Site EO351, Former Lake Hancock Target Range
Petroleum	Site 36, Former Fuel Farm 1
	Site 35, Former Fuel Farm 2
	Site 13, Former Fuel Farm 3
	Site 11, Former Fuel Farm 4
	Site 45, TCE Tank

Acronyms/Abbreviations:

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act

LUC = land use control

MRP = Munitions Response Program

OU = Operable Unit

TCE = trichloroethene

Overall, the LUC inspections included (1) a field inspection of the effectiveness of the required LUCs (both ICs and ECs) at each area/site; (2) photographs to document site conditions and visual evidence of LUC deficiencies or failures; and (3) a document or record review.

The field team evaluated the effectiveness of ICs, such as land use restrictions, construction restrictions, and groundwater use restrictions. In addition, the condition of ECs, such as monitoring wells, fences, landfill caps/coverage, shoreline armoring, and signage, was reviewed and reported during the field inspections. In particular, the field team checked that the required LUC signage at each area/site, indicating site delineation and identifying site restrictions or hazards, was intact, secure, and readable from vehicular and pedestrian access points. Observations of conditions that were inconsistent with the LUC restrictions or could potentially compromise the LUC effectiveness are documented in this inspection report. If an observed LUC deficiency had an immediate, potentially harmful impact to human health or the environment, then the notification and corrective action process, in accordance with the LUCWP, were initiated by the field team leader. No immediate, potentially harmful observations were found during the 2023 LUC inspections.

As part of the 2023 LUC inspections, and in accordance with the LUCWP, monitoring wells were opened and inspected. Monitoring wells that were not secured with a padlock due to physical limitations of the well construction were documented on the monitoring well inspection checklist (Appendix D).

After the field inspection, online information available from Ecology and the Island County Department of Environmental Health was reviewed to identify groundwater or drinking water wells that may have been installed for domestic use on site or within an approximate 1-mile buffer around the boundary of areas/sites identified with this LUC restriction. For domestic wells installed off Navy property, the Navy cannot enforce groundwater use restrictions, but will monitor installation records and recommend groundwater within the 1-mile buffer not be used for domestic purposes. NAS Whidbey Island Base Security was also contacted to determine whether any incident or trespass reports had been filed and to verify that access control had been maintained at each area/site.

As part of the LUC inspection process, site-specific checklists were used to guide the inspection team; assist in capture of data necessary to assess and report on the effectiveness of LUCs; and develop recommendations or corrective actions, if necessary. The completed site-specific LUC inspection checklists for the 20 areas/sites inspected in September 2023 are presented in Appendix B.

This section provides the results of the 2023 LUC inspections by area/site. For each area/site, the site-specific LUCs are provided, and the findings and overall determination for each LUC are presented. The observations from the site walk-through are then discussed to provide supporting evidence of the LUC determinations and to document general site conditions. It should be noted that not all observations from the site walk-through pertain to the effectiveness of the LUCs; in some cases, miscellaneous housekeeping items were also identified. Furthermore, the absence of a housekeeping comment relative to a previous inspection does not mean that a corrective action was either needed or taken.

The conclusions and subsequent recommendations from the 2023 LUC inspections are presented in a table at the end of each subsection. The recommendations are for NAVFAC Northwest to review and implement corrective action(s), as deemed necessary. A detailed description and history of activities for each site are presented in the LUCWP.

LUC inspection checklists, photographs, monitoring well inspection checklists, field notes, and a drinking water well evaluation are provided as Appendices B through G.

2.1 Operable Unit 1, Area 5, Highway 20/Hoffman Road (Surface) Landfill

2.1.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 1, Area 5, Highway 20/Hoffman Road (Surface) Landfill:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.
- Prevent installation of on-site drinking water wells.
- Deed restrictions in future property deeds.

A site map illustrating the CERCLA LUC Area location and boundary for OU 1, Area 5, Highway 20/Hoffman Road is presented on Figure 2-1.

The following findings have been determined for OU 1, Area 5, Highway 20/Hoffman Road (Surface) Landfill LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the explanation of significant difference (ESD) (Navy 2007).
- No new soil excavation or disturbance has occurred since before the ESD (Navy 2007).
- There are no on-site drinking water wells.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.1.2 Site Walk-Through Observations

Area 5, Highway 20/Hoffman Road (Surface) Landfill, was inspected on 25 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-1. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 5 land use has not changed and remains commercial and/or industrial (see Appendix C [Photos A1 and A2]). There was no indication of ground disturbance or excavation activities within the area of the landfill. Debris apparently associated with construction, paving, concrete, demolition, and excavation was observed within the area; the debris was also reported during previous inspections and appears to have remained undisturbed. As stated in the 2014 to 2022 inspections (Liberty JV 2023b), these stockpiles appear to have been placed after the ROD (Navy, Ecology, and EPA 1993a) was executed, and many stockpiles are now covered by vegetation and remain undisturbed (see Appendix C [Photo A4]). A review of historical images on Google Earth supports the understanding that these stockpiles were placed prior to the ESD (Navy 2007). In addition, field personnel observed and noted concrete barricades; soil, gravel, asphalt, and concrete rubble stockpiles; and metal piping (see photos in Appendix C).

No new commercial, residential, or inhabited space construction was observed adjacent to Area 5. The nearest developed space is a gas station that has been present for many years. It is located several hundred feet to the southeast of the landfill and outside the base perimeter fence.

Although not LUCs for this site, signage, fencing, and security observations were made during the inspection. Clear signage was observed at the west gated and locked entry point where vehicles can drive into Area 5 from the west. Signage was also observed at the northeast end of the site, visible from the dirt road. There are no access points (i.e., no trails or roads) to the south due to thick vegetation; signage is therefore not needed

along the southern boundary. The site is bounded along the west by a locked gate with a soil and rock berm on either side. The berm extends north and south into the adjoining wooded areas. Due to the vegetation and wooded area surrounding the site, access is not readily feasible. Security monitoring at Area 5 is not frequent due to the location and lack of activity at the site. However, Area 5 is located within the secured and fenced area of Ault Field. Historical debris piled along the western boundary of the site is construction debris that establishes a boundary preventing unauthorized entry. The similarities in observations from previous LUC inspections indicate that significant activity at the site since the 2022 LUC inspection is unlikely.

2.1.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 5 are functioning as intended to protect human receptors from exposure to soil and groundwater. Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-2).

Table 2-2: Recommendations for OU 1 Area 5, Highway 20/Hoffman Road (Surface) Landfill

LUC Descriptions	Recommendations from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. • Prevent installation of on-site drinking water wells. • Deed restrictions in future property deeds. 	<ul style="list-style-type: none"> • None

Abbreviation: LUC = land use control

2.2 Operable Unit 1, Area 6, Current (1969–1980s) Landfill

2.2.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 1, Area 6, Current (1969–1980s) Landfill:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.

- No use of groundwater from, or downgradient of, the area except for monitoring and remediation as approved by the EPA and Ecology.
- Review the Island County Public Health Hydrogeology Data system biannually for well-installation activities and/or groundwater use within the 1-mile buffer of Area 6.
- Prevention of any disturbance to the landfill cap, except as necessary for authorized cap maintenance activities.
- Prevent installation of on-area drinking water wells by deed restrictions in future property deeds.

A site map illustrating the CERCLA LUC Area location and boundary for OU 1, Area 6, Current (1969–1980s) Landfill is presented on Figure 2-2.

The following findings have been determined for OU 1, Area 6, Current (1969–1980s) Landfill LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- No unauthorized downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No new wells have been installed within the 1-mile buffer of Area 6.
- The landfill cap is functioning as designed, and no recent disturbance was observed.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.2.2 Site Walk-Through Observations

Area 6, Current (1969–1980s) Landfill, was inspected on 22 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-2. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 6 land use has not changed and remains commercial and/or industrial. Evidence of construction activities includes in-progress construction on the western groundwater extraction, treatment, and recharge (GETR) system at Area 6 (see Appendix C [Photo B87]). A small excavation (see Appendix C [Photo B91]) and utility trenching (see Appendix C [Photo B92]) were also observed during the 2023 LUC inspection. These observations appeared to be related to construction activities at the western GETR.

The landfill cap and its vegetative cover remain intact and continue to be maintained in an operable condition (see Appendix C [Photos B4 through B6, B12 through 18, B20, and B23]). No signs of slumping or surface cracks were observed on the landfill cap during the field inspection.

While not a LUC for this site, signage was evaluated during the inspection. At the Gate 90 entrance to Area 6, there is signage for the treatment plant (see Appendix C [Photo B31]). Approximately 50 feet south of the gate is older and newer signage on the western side of the access road. Area 6 is surrounded by a perimeter fence with signs at frequent intervals stating, “No Trespassing Government Property” (see Appendix C [Photo B11]). During the 2023 LUC inspection, this signage was in good condition.

While not a LUC for this site, fencing was evaluated during the inspection. The site is bounded by three-strand barbed wire fence along the north, south, east, and west boundaries, with locked swing gates on all sides. In 2022, compromised fencing was observed in the vicinity of monitoring well MW-3B south of the site, but has since been repaired (see Appendix C [Photo B90]). The Area 6 fence is in good condition.

While not a LUC for this site, security was evaluated during the inspection. The site is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security outside the perimeter of the site and monitored by the existing GETR system plant operators within the site.

The Area 6 groundwater monitoring and GETR network of production and monitoring wells continues to be in an operable and secure condition. This network includes approximately 70 current and inactive wells; however, only 42 wells are included in the LUC inspections. The condition of groundwater monitoring wells at Area 6 was reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each inspected monitoring well are provided in Appendix C. A summary of findings at each inspected monitoring well is provided in Table 2-3. The inspection did not identify any significant deficiencies with these wells. As in 2022, a rusty 55-gallon drum within the fencing for production well PW-9 was observed in 2023. This drum appears to contain liquid, but the label is faded and illegible (see Appendix C [Photo B88]). The presence of this drum does not impact the effectiveness of the LUCs.

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of unauthorized groundwater use or well-installation activities within or downgradient of the area (see Appendix F). No signs of trespassing were observed during the 2023 inspections of Area 6. There have been no incident reports or access control issues within the area, except for a trespassing and burglary incident at the recycling building administrative office that occurred in July 2023. This incident does not violate LUCs for this site.

Table 2-3: Monitoring Wells at OU 1 Area 6, Current (1969–1980s) Landfill

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
Production Wells				
PW-1	487510.00	1200640.00	B62, B63	-
PW-2	485180.00	1201045.00	B72, B73	-
PW-3*	486734.828	1200409.726	B64, B65	-
PW-4*	484919.327	1201017.543	B74, B75	-
PW-5*	485475.157	1200440.757	B66, B67	-
PW-6	485485.00	1200675.00	B68, B69	-
PW-7*	485453.232	1200848.921	B70, B71	-
PW-8	485195.00	1201385.00	B78, B79	-
PW-9*	484913.794	1201515.322	B76, B77	Rusty drum still present in fenced area. Some liquid in drum, nonhazardous label with no writing.
PW-10*	485380.232	1201035.655	B80	-
Monitoring Wells				
MW-3B*	483969.424	1200985.634	B54	-
MW-5*	485277.249	1200715.752	B60	-
MW-7	487090.00	1200440.0	B37	-
MW-9*	485144.491	1201754.341	B46	-
MW-10	486020.00	1200965.00	B49	-
MW-13*	487459.108	1203129.564	B53	-
6-DW-38	483104.6	1201867.8	B83	-
6-S-1	486064.30	1205139.00	B55	-
6-S-2	488231.10	1200536.00	B57	-
6-S-3	484809.00	1201913.00	B45	-
6-S-6	486369.30	1200387.00	B41	Concrete apron degraded
6-S-7	488637.20	1200542.00	B33	-
6-S-9	487101.20	1201426.00	B52	Rusty lock
6-S-10	487873.20	1200810.00	B39	-
6-S-14	486480.30	1200760.00	B47	-
6-S-15	486877.90	1200840.00	B48	Rusty lock
6-S-16	485994.00	1202127.00	B51	-

Table 2-3: Monitoring Wells at OU 1 Area 6, Current (1969–1980s) Landfill (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
6-S-17	485524.40	1202048.00	B50	-
6-S-19*	484795.354	1201474.280	B44	-
6-S-24*	486179.525	1200119.074	B58	-
6-S-25*	485495.387	1200381.586	B42	-
6-S-26*	488335.748	1200909.457	B34	-
6-S-27*	485091.939	1200399.970	B59	-
6-S-29*	484808.454	1201178.203	B43	-
6-S-30*	487849.337	1200431.417	B35	-
6-S-31*	487408.929	1200414.862	B36	-
N6-37	487499.20	1200709.00	B40	-
N6-38	487721.00	1200538.00	B38	-
Resource Protection Wells				
6-S-40	485727.00	1203046.00	B85	-
6-S-41	485062.00	1202556.00	B86	-
6-S-42*	484226.857	1201987.500	B84	-
6-S-43*	483610.019	1201483.926	B82	-

Note:

*Coordinates are corrected or made more accurate based on measurements taken during the 2015 LUC inspections (Battelle 2020).

Acronyms/Abbreviations:

- = No maintenance items observed

ID = identification

2.2.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 6 are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-4).

Table 2-4: Recommendations for OU 1 Area 6, Current (1969–1980s) Landfill

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. Protect existing monitoring wells. 	<ul style="list-style-type: none"> None

Table 2-4: Recommendations for OU 1 Area 6, Current (1969–1980s) Landfill (continued)

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> No use of groundwater from, or downgradient of, the area except for monitoring and remediation as approved by the EPA and Ecology. Review the Island County Public Health Hydrogeology Data system biannually for well-installation activities and/or groundwater use within the 1-mile buffer of Area 6. Prevention of any disturbance to the landfill cap, except as necessary for authorized cap maintenance activities. Prevent installation of on-area drinking water wells by deed restrictions in future property deeds. 	
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, consider installation of additional signage along the southeastern boundary fence line with the neighboring mobile home community property that states, “No Dumping,” and “No Trespassing.” Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.3 Operable Unit 2, Area 2, Western Highlands Landfill

2.3.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 2, Area 2, Western Highlands Landfill:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill.
- Possible deed restrictions in future property deeds.

A site map illustrating the CERCLA LUC Area location and boundary for OU 2, Area 2, Western Highlands Landfill is presented on Figure 2-3.

The following findings have been determined for OU 2, Area 2, Western Highlands Landfill LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No new soil excavation or disturbance has occurred since the 2022 LUC inspection.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.3.2 Site Walk-Through Observations

Area 2, Western Highlands Landfill, was inspected on 20 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-3. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 2 land use has not changed and remains commercial and/or industrial. There have been no new ground disturbance or construction activities, with the exception of two new monitoring wells installed for investigation purposes (see Appendix C [Photo C7]). The installation of these wells does not violate a LUC.

While not LUCs for this area, signage, surface condition, and security were evaluated during the inspection. There is signage in the area along the walking trail that runs through the southwest corner of the area (see Appendix C [Photo C6]). A soil cover/cap is not part of the selected remedy or a LUC requirement for this site; no surface cracks were observed during the 2023 LUC inspection. The site is bounded by chain-link fence along the southern boundary only and is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

The groundwater monitoring network for Area 2 includes a total of four wells (N2-3, N2-6C, N2-8, and N2-9) that are included in LUC inspections. The condition of groundwater monitoring wells at Area 2 is documented on the monitoring well inspection checklists (see Appendix D). Photographs of each monitoring well are provided in Appendix C. The inspection did not identify any significant deficiencies with these wells. A summary of findings at each monitoring well is provided in Table 2-5. Monitoring wells located and accessed within Area 2 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the Area (see Appendix F). In addition, there have been no incident reports or access control issues within the area.

Table 2-5: Monitoring Wells at OU 2 Area 2, Western Highlands Landfill

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
N2-3	491030.20	1189582.0	C9	-
N2-6C	491543.50	1189532.0	C8	-
N2-8	490793.70	1189305.0	C11	-
N2-9	490504.70	1189359.0	C10	Rusty monument

Acronyms/Abbreviations:

- = No maintenance items observed
ID = identification

2.3.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 2 are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-6).

Table 2-6: Recommendations for OU 2 Area 2, Western Highlands Landfill

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. 	<ul style="list-style-type: none"> None

Table 2-6: Recommendations for OU 2 Area 2, Western Highlands Landfill (continued)

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. • Protect existing monitoring wells. • Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill. • Possible deed restrictions in future property deeds. 	
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Although a soil cover/cap is not part of the selected remedy or LUCs, a best management practice would be to continue to observe site conditions, including potential soil cracking, slumping, and animal burrowing. • Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells, as needed. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology;
EPA = United States Environmental Protection Agency
LUC = land use control

2.4 Operable Unit 2, Area 3, 1969–1970 Landfill

2.4.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 2, Area 3, 1969–1970 Landfill:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill.
- Possible deed restrictions in future property deeds.

A site map illustrating the CERCLA LUC Area location and boundary for OU 2, Area 3, 1969–1970 Landfill is presented on Figure 2-4.

The following findings have been determined for OU 2, Area 3, 1969–1970 Landfill, LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No ground disturbance via digging and/or construction activities has occurred since the 2022 LUC inspection.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.4.2 Site Walk-Through Observations

Area 3, 1969–1970 Landfill, was inspected on 20 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-4. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 3 land use has not changed and remains commercial and/or industrial. There was also no evidence of ground disturbance or construction activities within the area.

While not LUCs for this site, surface condition, signage, and security were evaluated during the inspection. A soil cover/cap is not part of the selected remedy or a LUC requirement for this site; the surface of the landfill appeared to be in good condition with only minor erosion observed in one area along the sidewall of a berm (see Appendix C [Photo D10]). Signage was present in the area and was observed at the pedestrian entry point and along the northern boundary (see Appendix C [Photos D4 and D7]). Two older signs are present along the eastern boundary (see Appendix C [Photos D5 and D6]) of the area, one of which is mostly covered by vegetation. The site is not bounded by a fence but is frequently (weekly or more often) monitored by NAS Whidbey Island Base Security.

The groundwater monitoring network for Area 3 includes two groundwater monitoring wells (3-MW-2 and N3-12) that are included in LUC inspections. The condition of

groundwater monitoring wells at Area 3 is documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. The inspection did not identify any significant deficiencies with these wells. A summary of findings at each monitoring well is provided in Table 2-7. Monitoring wells located and accessed within Area 3 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Table 2-7: Monitoring Wells at OU 2 Area 3, 1969–1970 Landfill

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
3-MW-2	491368.70	1190681.0	D8	-
N3-12	491400.0	1190575.0	D9	-

Acronyms/Abbreviations:

- = No maintenance items observed
ID = identification

Based on the field inspection and Ecology well records for Island County, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the area (see Appendix F). In addition, there have been no incident reports or access control issues within the area.

2.4.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 3 are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-8).

Table 2-8: Recommendations for OU 2 Area 3, 1969–1970 Landfill

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. Protect existing monitoring wells. Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill. Possible deed restrictions in future property deeds. 	<ul style="list-style-type: none"> None

Table 2-8: Recommendations for OU 2 Area 3, 1969–1970 Landfill (continued)

Recommendations NOT related to LUCs from 2023 inspections
<ul style="list-style-type: none">Although a soil cover/cap is not part of the selected remedy or LUCs, a best management practice would be to continue to observe site conditions, including potential soil cracking, slumping, and animal burrowing.Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells, as needed.

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology;
EPA = United States Environmental Protection Agency;
LUC = land use control

2.5 Operable Unit 2, Area 4, Walker Barn Storage Area

2.5.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 2, Area 4, Walker Barn Storage Area:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.

A site map illustrating the CERCLA LUC Area location and boundary for OU 2, Area 4, Walker Barn Storage Area is presented on Figure 2-5.

The following findings have been determined for OU 2, Area 4, Walker Barn Storage Area LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.

2.5.2 Site Walk-Through Observations

Area 4, Walker Barn Storage Area, was inspected on 20 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-5. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 4 land use has not changed and remains commercial and/or industrial. There was no evidence of ground disturbance or construction activities within the site boundaries. Northwest of the site, along Cliffside Park Drive, trenching activities were observed during inspections (see Appendix C [Photo E7]). All excavation was outside of site boundaries. An area within the site boundary was used as a laydown area for construction related equipment (see Appendix C [Photo E1]). The construction activities do not violate a LUC. Signage is not a required LUC for this site but was observed in the southern and western corners as well as approximately 100 feet northeast of the former building foundation (see Appendix C [Photos E1 through E3]). Fencing is not a LUC for this site, and the site is not bounded by a fence; however, it is frequently (weekly or more often) monitored by NAS Whidbey Island Base Security.

The groundwater monitoring network at Area 4 includes two groundwater monitoring wells (4-MW-1 and 4-MW-3) for LUC inspections. The condition of groundwater monitoring wells at Area 4 is documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. The inspection did not identify any significant deficiencies with these wells. A summary of findings at each monitoring well is provided in Table 2-9. Monitoring wells located and accessed within Area 4 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition, except as noted in Table 2-9.

Table 2-9: Monitoring Wells at OU 2 Area 4, Walker Barn Storage Area

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
4-MW-1	492410.90	1190076.00	E5	-
4-MW-3	492262.60	1190041.00	E4	-

Acronyms/Abbreviations:

- = No maintenance items observed

ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative

evidence of groundwater use or well-installation activities within or downgradient of the area (see Appendix F). In addition, there have been no incident reports or access control issues within the Area.

2.5.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 4 are functioning as intended to protect human receptors from exposure to groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-10).

Table 2-10: Recommendations for OU 2 Area 4, Walker Barn Storage Area

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. • No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. • Protect existing monitoring wells. 	<ul style="list-style-type: none"> • None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells, as needed. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology;
EPA = United States Environmental Protection Agency;
LUC = land use control

2.6 Operable Unit 2, Area 29, Clover Valley Fire School

2.6.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 2, Area 29, Clover Valley Fire School:

- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.

A site map illustrating the CERCLA LUC Area location and boundary for OU 2, Area 29, Clover Valley Fire School is presented on Figure 2-6.

The following findings have been determined for OU 2, Area 29, Clover Valley Fire School LUCs during the 2023 inspection:

- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No unauthorized downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.

2.6.2 Site Walk-Through Observations

Area 29, Clover Valley Fire School, was inspected on 24 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-6. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Consistent with the 2022 LUC inspection (Liberty JV 2023b), two additional groundwater monitoring wells not listed in the LUCWP were observed during the 2023 LUC inspection, labeled MW-628 and MW-629 (see Appendix C [Photos F11 and F12]).

While not LUCs for this site, security and signage were evaluated during the inspection. The site is surrounded by three-strand barbed wire fencing with a locked gate on the east side along Rocky Point Road. In addition, the site is frequently (weekly or more often) monitored by NAS Whidbey Island Base Security. Signage is present in the area on the south side of Rocky Point Road. Signage on the south boundary of the site along the golf course is present but faded (see Appendix C [Photo F7]). Older signs, some of which are overgrown with vegetation, remain on the eastern and southern boundaries of the area (see Appendix C [Photo F5]). Overall, the perimeter fence remains intact and in good condition, providing a site boundary that delineates the area subject to the posted signage.

The groundwater monitoring network includes three wells (29-MW-4, N29-20, and N29-22D) that are included in LUC inspections. As part of the field inspection, the condition of groundwater monitoring wells at Area 29 was reviewed and is documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. The inspection did not identify any significant deficiencies with these wells. A summary of findings at each monitoring well

is provided in Table 2-11. Monitoring wells located and accessed within Area 29 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Table 2-11: Monitoring Wells at OU 2 Area 29, Clover Valley Fire School

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
29-MW-4	489353.60	1188495.00	F8	-
N29-20	489204.50	1188480.0	F9	-
N29-22D	489251.20	1188284.0	F10	-

Acronyms/Abbreviations:

- = No maintenance items observed

ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the area (see Appendix F). In addition, there were no incident reports or access control issues within the area.

2.6.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 29 are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-12).

Table 2-12: Recommendations for OU 2 Area 29, Clover Valley Fire School

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. Protect existing monitoring wells. 	<ul style="list-style-type: none"> None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells, as needed. Although not a LUC for this site, repair and replace signage to maintain integrity and usefulness of signs. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology;

EPA = United States Environmental Protection Agency

LUC = land use control

2.7 Operable Unit 3, Area 16, Runway Ditches

2.7.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 3, Area 16, Runway Ditches:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- Limit adjoining ditch banks to disposal of dredged sediments meeting MTCA Industrial Soils criteria and/or industrial use.
- Current land use will remain industrial.
- Deed restrictions for industrial use.

A site map illustrating the CERCLA LUC Area location and boundary for OU 3, Area 16, Runway Ditches is presented on Figure 2-7. The site contains three drainage ditch systems, 16a, 16b, and 16c. As indicated on Figure 2-7, the 16a ditch is to the north, running east to west, the 16b ditch is to the west, with three arms, and the 16c ditch is to the east and the largest drainage ditch system at the site.

The following findings have been determined for OU 3, Area 16, Runway Ditches LUCs during the 2023 inspection:

- Land use remains industrial; land use has not changed since before the ESD (Navy 2007).
- No unauthorized disposal of dredged sediments has been observed or reported since the 2022 LUC inspection.
- Land use remains industrial; land use has not changed since before the ESD (Navy 2007).
- The property is still under the ownership of the Navy; there are no new property deeds.

2.7.2 Site Walk-Through Observations

Area 16, Runway Ditches, was inspected on 26 and 27 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-7. This section documents general site observations made during the site

walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 16 land use has not changed and remains commercial and/or industrial.

Signage is not a LUC for this site. Minimal signage exists at the area due to its proximity to the runway. Federal Aviation Administration requirements do not allow for signage at all locations of the area.

While not a LUC for this site, security was evaluated during the inspection. The site is not bounded by a fence but is located within the active secured NAS Whidbey Island Airfield adjacent to active runways; therefore, it does not have its own security fencing system. However, the area is monitored by NAS Whidbey Island Base Security on a routine basis, and access requires coordination with base security.

The Navy's stormwater pollution prevention measures include minimizing waste runoff into the ditches. During the 2023 LUC inspection, all ditches contained water, except the southernmost east/west-trending ditch in Area 16c (see Appendix C [Photos G35, G36, and G38]), the central east/west-trending ditch in Area 16c (see Appendix C [Photos G23 and G24]), and the entirety of the east/west-trending ditch in Area 16a (see Appendix C [Photos G8, G9, and G10]). NAS Whidbey Island reportedly conducts annual vegetation removal at the ditches.

2.7.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 16 are functioning as intended to protect human receptors from exposure to soil. Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-13).

Table 2-13: Recommendations for OU 3 Area 16, Runway Ditches

LUC Descriptions	Recommendations from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • Limit adjoining ditch banks to disposal of dredged sediments meeting MTCA Industrial Soils criteria and/or industrial use. • Current land use will remain industrial. • Deed restrictions for industrial use. 	<ul style="list-style-type: none"> • None

Acronyms/Abbreviations:

LUC = land use control;

MTCA = Model Toxics Control Act

2.8 Operable Unit 4, Areas 48/49, Seaplane Base Landfill

2.8.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 4, Areas 48/49, Seaplane Base Landfill:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- Use restrictions to prevent ground disturbance via excavation or other ground-disturbing activities in the area of former construction debris landfill.

A site map illustrating the CERCLA LUC Area location and boundary for OU 4, Areas 48/49, Seaplane Base Landfill is presented on Figure 2-8.

The following findings have been determined for OU 4, Areas 48/49, Seaplane Base Landfill LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- No ground disturbance via excavation or other ground disturbance activity has occurred in the area of the former construction debris landfill since before the ESD (Navy 2007).

2.8.2 Site Walk-Through Observations

Areas 48/49, Seaplane Base Landfill, was inspected on 21 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-8. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, land use in Areas 48/49 has not changed and remains commercial and/or industrial. A soil cover/cap is not part of the selected remedy or a LUC requirement for this site; the landfill cover appeared to be in good condition. There has been no residential construction within or near the area. There was no physical evidence of excavation activities conducted within the area; however, erosion was observed along the shoreline. Evidence of lengthening erosion has appeared since the 2022 inspections and is occurring in multiple sections of the shoreline. In 2023, approximately 300 feet of the site shoreline appeared to have eroded since the 2022

inspections (see Appendix C [Photos H22, H24, H23, and H25]). The erosional surfaces observed were exclusively sandy gravelly soils; no landfill debris was observed to be eroding from the site. On the southern edge of the site, driftwood and boulder- to gravel-sized rocks collected between the noted eroded shoreline and the waterbody.

Because restriction of ground-disturbing activities is part of the LUCs for this site, observations related to evidence of construction were noted during the inspection. Concrete debris was observed along the shoreline (see Appendix C [Photos H22, H20, and H21]) and was likely placed purposefully as riprap to armor the shoreline. During the 2022 LUC inspections, a large piece of foam core with a rusted metal casing was observed along the shoreline; this item was still present during the 2023 LUC inspections and appeared to be further eroded (see Appendix C [Photo H19]). The item was approximately the same height as observed in 2022, but the sides appeared to be worn in, likely by wave action.

Recreational land use within the area was observed during the 2023 LUC inspection, including pedestrian use of walking trails along the landfill cover (see Appendix C [Photo H3]). Recreational access is not restricted by LUCs for Areas 48/49. There was no evidence that limited recreational use is creating exposure pathways to landfill material at Areas 48/49. In addition, there were no incident reports or issues within the area.

While not LUCs for this site, signage and security were evaluated during the inspection. Signage is displayed along the northern and southwestern boundaries of the area (see Appendix C [Photos H10 through H17]). One sign in the southwestern portion of the site (see Appendix C [Photo H11]) is faded and unreadable. The existing signage serves to delineate the site boundary and to communicate LUC restrictions for Areas 48/49. The site is not bounded by a fence but is frequently (weekly or more often) monitored by NAS Whidbey Island Base Security.

2.8.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Areas 48/49 are functioning as intended to protect human receptors from exposure to the buried landfill materials.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-14).

Table 2-14: Recommendations for OU 4 Areas 48/49, Seaplane Base Landfill

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • Use restrictions to prevent ground disturbance via excavation or other ground-disturbing activities in the area of former construction debris landfill. 	<ul style="list-style-type: none"> • None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Although not part of the LUCs implemented in this area, consider options for erosion protection mitigation along the shoreline. • Although not a LUC for this site, conduct periodic inspections, and maintenance if needed, of the southern boundary of Areas 48/49 to maintain integrity of the landfill cover and keep landfill debris from eroding into surface water. • Although a soil cover/cap is not part of the selected remedy or LUCs, a best management practice would be to continue to observe site conditions, including potential soil cracking, slumping, and animal burrowing. • Although not a LUC for this site, replace faded signage, as needed. 	

Acronym: LUC = land use control

2.9 Operable Unit 5, Area 1, Former Beach Landfill

2.9.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 5, Area 1, Former Beach Landfill:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Prevent installation of drinking water wells and residential development.
- Protect existing monitoring wells.
- Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill.
- Site approval for disturbance or use.
- Ensure that shoreline armoring is in place and functioning as intended.

- Annual visual monitoring of erosional bluff for five years.

A site map illustrating the CERCLA LUC Area location and boundary for OU 5, Area 1, Former Beach Landfill is presented on Figure 2-9.

The following findings have been determined for OU 5, Area 1, Former Beach Landfill LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected. Maintenance of monitoring wells is recommended to prevent future damage.
- No ground disturbance via digging and/or construction activities has occurred since the 2022 LUC inspection.
- The shoreline armoring is in place and functioning as intended.
- Annual visual inspection of the shoreline armoring took place during the 2023 inspections.

2.9.2 Site Walk-Through Observations

Area 1, Former Beach Landfill, was inspected on 20 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-9. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 1 land use has not changed and remains commercial and/or industrial. The temporary road leading from Saratoga Street toward groundwater monitoring well MW-103 was still evident but primarily reduced to a single track (see Appendix C [Photo I6]). This road serviced the installation of the new seawall riprap wall at the southwest corner of the area, which was constructed prior to the 2017 inspection (Battelle 2020). Additionally, some temporary erosion control features and seawall construction remnants (e.g., straw wattles, plastic tarping, and temporary fencing) were left in place (see Appendix C [Photos I14 and I15]).

In early 2013, the Navy constructed a permanent seawall along 1,440 feet of shoreline, including 940 feet along Area 1, Former Beach Landfill, in response to surveying and annual visual inspections conducted in 2010 and 2011. The 2010 and 2011 inspections confirmed that storm events prior to 2010 washed out much of the riprap, leading to severe erosion (Tetra Tech 2018). Along the northeast section of the seawall, a small amount of intact plastic black netting (part of the erosion control marine mattress) was observed through the armor stone at multiple locations during the 2023 inspection (see Appendix C [Photo I16]). No instances of the engineered marine mattress being ripped or displaced from the seawall were observed, and the marine mattress is functioning as intended. Overall, the seawall was intact and appeared to be in good condition (see Appendix C [Photos I4 and I5]).

While a soil cover/cap is not part of the selected remedy or a LUC requirement for this site, the landfill surface appeared to be intact and in good condition during the 2023 inspection (see Appendix C [Photos I1, I2, and I3]).

While not LUCs for this site, signage, and security were evaluated during the inspection. Signage at Area 1 was minimized at the direction of the prior NAS Whidbey Island Commanding Officer (Battelle 2020). Signage along the recreational paths (see Appendix C [Photos I7 through I9]) is present and readable. One sign in the central portion of the site (see Appendix C [Photo I10]) is faded and unreadable. Recreational access is not restricted by LUCs for Area 1. The site is not bounded by a fence but is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

The groundwater monitoring network includes a total of three wells (TP-101, MW-18, MW-103) that are included in LUC inspections. As part of the field inspection, the condition of these groundwater monitoring wells at Area 1 was reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. A summary of findings at each monitoring well is provided in Table 2-15. Monitoring wells located and accessed within Area 1 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks; however, action is recommended to address rust that can prevent access to the well and eventually lead to a well integrity issue.

Table 2-15: Monitoring Wells at OU 5 Area 1, Former Beach Landfill

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-18	496345.40	1191195.00	I12	Rusty monument, rusty lock
TP-101	496259.00	1191190.00	I11	Rusty monument, rusty lock
MW-103	495609.60	1190759.00	I13	Extremely rusted lock – unable to access monument interior

Abbreviation: ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the area (see Appendix F). In addition, there were no incident reports or issues within the area.

2.9.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 1 are functioning as intended to protect human receptors from exposure to the buried landfill material and groundwater.

Table 2-16 presents specific recommendations related to current LUCs for this site to ensure LUCs remain effective.

Table 2-16: Recommendations for OU 5 Area 1, Former Beach Landfill

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. • No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. • Protect existing monitoring wells. • Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill. • Ensure that shoreline armoring is in place and functioning as intended. • Annual visual inspection of the shoreline armoring and perform repairs, if warranted. 	<ul style="list-style-type: none"> • Perform repairs on the monitoring wells to maintain integrity and security.
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Conduct regular inspections of the seawall to ensure it remains in place and functioning as intended. • Although not a LUC for this site, perform maintenance including replacement of faded or damaged signage. • Although a soil cover/cap is not part of the selected remedy or LUCs, a best management practice would be to continue to observe site conditions, including potential soil cracking, slumping, and animal burrowing. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology;
EPA = United States Environmental Protection Agency;
LUC = land use control

2.10 Operable Unit 5, Area 31, Former Runway Fire Training School

2.10.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 5, Area 31, Former Runway Fire Training School:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.

A site map illustrating the CERCLA LUC Area location and boundary for OU 5, Area 31, Former Runway Fire Training School is presented on Figure 2-10.

The following findings have been determined for OU 5, Area 31, Former Runway Fire Training School LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No unauthorized downgradient wells have been installed since the 2021 LUC inspection.
- Existing monitoring wells are protected.

2.10.2 Site Walk-Through Observations

Area 31, Former Runway Fire Training School, was inspected on 27 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-10. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

During the 2023 LUC inspection, there was no evidence of land disturbance or construction. Consistent with the 2022 LUC inspection, four groundwater monitoring wells that do not require inspection as part of the LUCs were observed at the site, labeled MW-632, MW-633, MW-634, and MW-636 (see Appendix C [Photos J7 through J10]). The Navy installed these monitoring wells for an investigation of PFAS. An additional monitoring well, MW31-07A, was also observed during the 2023 inspection and appears to be a retired well from the initial monitoring in this area (see Appendix C [Photo J5]).

Based on the field inspection, Area 31 land use has not changed and remains commercial and/or industrial. Area 31 is located within the active secured NAS Whidbey Island Airfield adjacent to active runways; therefore, it does not have its own security fencing system. However, the area is monitored by NAS Whidbey Island Base Security on a routine basis, and access requires coordination with base security. Historical reports document that all remedial systems have been removed from the area. However, one shed, housing remedial system equipment, fencing, and associated aboveground piping was observed during all inspections conducted from 2014 to the present (see Appendix C [Photos J11 and J12]).

While not a LUC for this site, signage was evaluated during the inspection. Signage is present on the northwest, southwest, and northeast corners of the area along with the southwest portion of the area adjacent to the shed (see Appendix C [Photos J1, and J3]). Overall, the signage is appropriate and readable from the three security roads accessing Area 31.

The existing groundwater monitoring network includes two monitoring wells (OWS-1 and MW-31-9A) that are included in LUC inspections. As part of the field inspection, the condition of these groundwater monitoring wells at Area 31 was reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. A summary of findings at each monitoring well is provided in Table 2-17. Monitoring wells located and accessed within Area 31 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Table 2-17: Monitoring Wells at OU 5 Area 31, Former Runway Fire Training School

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
OWS-1	499423.30	1197728.00	J4	-
MW-31-9A	499465.30	1197737.00	J6	-

Acronyms/Abbreviations:

- = No maintenance items observed
ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities, with the exception of groundwater monitoring wells, within or downgradient of the area (see Appendix F). In addition, there were no incident reports or access control issues within the area.

2.10.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 31 are functioning as intended to protect human receptors from exposure to groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-18).

Table 2-18: Recommendations for OU 5 Area 31, Former Runway Fire Training School

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. No use of groundwater from, or downgradient of, the area except for monitoring and remediation, as approved by the EPA and Ecology. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. Protect existing monitoring wells. 	<ul style="list-style-type: none"> None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, complete minor and periodic maintenance of the monitoring wells. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.11 Operable Unit 5, Area 52, Jet Engine Test Cell

2.11.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for OU 5, Area 52, Jet Engine Test Cell:

- Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.

- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- In the event of property transfer include (future) deed covenants to restrict land use and drinking water well construction.

A site map illustrating the CERCLA LUC Area location and boundary for OU 5, Area 52, Jet Engine Test Cell is presented on Figure 2-11.

The following findings have been determined for OU 5, Area 52, Jet Engine Test Cell LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since before the ESD (Navy 2007).
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.11.2 Site Walk-Through Observations

Area 52, Jet Engine Test Cell, was inspected on 20 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-11. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, Area 52 remains commercial and/or industrial (see Appendix C [Photos K2 and K3]). Vegetation on previously regraded areas west of North Saratoga Street appeared to be in good condition (see Appendix C [Photo K4]).

While not LUCs for this site, security and signage were evaluated during the inspection. The site is not bounded by a fence; however, it is frequently (weekly or more often) monitored by NAS Whidbey Island Base Security. Although signage at Area 52 was minimized at the direction of the prior NAS Whidbey Island Commanding Officer (Battelle 2020), the remaining signage appears intact.

Along the northeast section of the seawall, intact plastic black netting (part of the erosion control marine mattress) was observed through the armor stone at multiple locations (see Appendix C [Photo K11]). Overall, the seawall was intact and appeared to be in good condition (see Appendix C [Photo K5 and K6]).

As noted in the 2022 LUC inspection report (Liberty JV 2023b), the monitoring wells at Area 52 were removed from the LUC inspection program per the 2014 LUCIP (URS 2014). One monitoring well remains on site (see Appendix C [Photo K10]). Based on the field inspection and Ecology well records for Island County, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the area (see Appendix F). In addition, there were no incident reports or access control issues within the area.

2.11.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Area 52 are functioning as intended to protect human receptors from exposure to groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-19).

Table 2-19: Recommendations for OU 5 Area 52, Jet Engine Test Cell

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. • No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. • Protect existing monitoring wells. • In the event of property transfer include (future) deed covenants to restrict land use and drinking water well construction. 	<ul style="list-style-type: none"> • None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Although not a LUC for this site, conduct regular inspections of the seawall to ensure it remains in place and functioning as intended. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.12 Site 22, Hangar 5

2.12.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site 22, Hangar 5:

- Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

A site map illustrating the CERCLA LUC Area location and boundary for Site 22, Hangar 5, is presented on Figure 2-12.

The following findings have been determined for Site 22, Hangar 5, LUCs during the 2023 inspection:

- Land use remains commercial and/or industrial; land use has not changed since the 2022 LUC inspection.
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No disturbance or excavation of soils at or from the area has been conducted since the 2022 LUC inspection.

2.12.2 Site Walk-Through Observations

Site 22, Hangar 5, was inspected on 27 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-12. This section documents general site observations made during the site

walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the 2023 LUC inspection, Site 22, Hangar 5, is used for aircraft parking and maintenance, consistent with the assigned LUC of industrial use. The site is located within the active secured NAS Whidbey Island Airfield adjacent to Hangar 5, serving as a parking apron for military aircraft. Site 22, Hangar 5, is continuously monitored by NAS Whidbey Island Base Security, and access requires airfield security clearance. No site photos other than those of the groundwater monitoring wells were collected due to security requirements. There is no signage within the site indicating a CERCLA controlled site or LUC requirements because signage is not permitted per the Mission Critical Active Runway Federal Aviation Administration requirements.

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the site (see Appendix F). In addition, there were no incident reports or access control issues within the site.

The groundwater monitoring network includes three monitoring wells (H5-MW-1, H5-MW-2, H5-MW-3) that are included in LUC inspections. As part of the field inspection, the condition of these groundwater monitoring wells was reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. A summary of findings at each monitoring well is provided in Table 2-20. Three monitoring wells were located and accessed within Site 22 during the 2023 LUC inspection. H5-MW-2 was secured with the new lock in 2021. The other two wells in this area could not accommodate the new lock.

Table 2-20: Monitoring Wells at Site 22, Hangar 5

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
H5-MW-1	496945.29	1193376.92	L3	-
H5-MW-2	497041.79	1193312.17	L1	-
H5-MW-3	497045.24	1193467.39	L2	-

Acronyms/Abbreviations:

- = No maintenance items observed
ID = identification

2.12.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site 22, Hangar 5, are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-21).

Table 2-21: Recommendations for Site 22, Hangar 5

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • No use of groundwater from, or downgradient of, the area except for monitoring and remediation, as approved by the EPA and Ecology. • No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. • Protect existing monitoring wells. • Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. 	<ul style="list-style-type: none"> • None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells, as needed. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.13 Site EO354, Former Machine Gun Ranges B and C

2.13.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site EO354, Former MGRs B and C:

- Ensure that site is used for nonresidential purposes only; nonresidential land uses may include recreational, industrial, commercial, office, and educational uses.
- Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

A site map illustrating the MRP LUC Area location and boundary for Site EO354, Former MGRs B and C, is presented on Figure 2-13.

The following findings have been determined for Site EO354, Former MGRs B and C, LUCs during the 2023 inspection:

- Land use remains nonresidential; land use has not changed since the 2022 LUC inspection.
- No disturbance or excavation of soils at or from the area has been conducted since the 2022 LUC inspection.

2.13.2 Site Walk-Through Observations

Former MGRs B and C were inspected on 24 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-13. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, land use has not changed and remains for nonresidential purposes. In addition, there was no evidence of recent ground disturbance (see Appendix C [Photos M2, M4, M8, and M13]). There is an old, partially collapsed, wooden fence that traverses the site from the center of the eastern boundary toward the west (see Appendix C [Photo M3]). In addition, a large antenna within security fencing is located just west of the central eastern boundary. These observations were previously reported in the 2014 to 2022 LUC inspection reports (Liberty JV 2023b).

While not LUCs for the site, security and signage were evaluated during the inspection. The site is bounded by three-strand barbed wire fence along the southern and eastern borders. The public has access to the western boundary of the site, along the beachfront. During the 2023 inspection, evidence of pedestrians (footprints) was observed along the beachfront and the well-defined path adjacent to the beachfront. The northern boundary is delineated by a three-strand barbed wire fence, which does not fully extend to the west (beachfront). It is noted that the LUCs applicable at the site do not prohibit recreational use.

Signage is present on Cowpens Road on the northeastern area of the site (see Appendix C [Photo M10]). Additional signage is present at the southern end of the western boundary at the beach access point (see Appendix C [Photo M16]). Signage north of the western boundary at the beach access point (see Appendix C [Photos M14 and M15]) is associated with the active range. The active range is located adjacent to the northern boundary of the site. The site is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

There have been no incident reports or access control issues within the site. The entire central portion of Former MGRs B and C, from the northern boundary to the southern boundary, was not accessible by foot due to thick, impassable vegetation, overgrowth, and boggy terrain.

2.13.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site EO354, Former MGRs B and C, are functioning as intended to protect human receptors from exposure to soil.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-22).

Table 2-22: Recommendations for Site EO354, Former Machine Gun Ranges B and C

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that site is used for nonresidential purposes only; nonresidential land uses may include recreational, industrial, commercial, office, and educational uses. Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. 	<ul style="list-style-type: none"> None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, repair and replace signage to maintain integrity and usefulness of signs. 	

Acronym: LUC = land use control

2.14 Site EO354, Former Mobile Turret Tower Range

2.14.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site EO354, Former MTTR:

- Ensure that site is used for nonresidential purposes only; nonresidential land uses may include recreational, industrial, commercial, office, and educational uses.
- Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

A site map illustrating the MRP LUC Area location and boundary for Site EO354, Former MTTR, is presented on Figure 2-13.

The following findings have been determined for Site EO354, Former MTTR, LUCs during the 2023 inspection:

- Land use remains nonresidential; land use has not changed since the 2022 LUC inspection.
- No disturbance or excavation of soils at or from the area has been conducted since the 2022 LUC inspections.

2.14.2 Site Walk-Through Observations

Former MTTR was inspected on 24 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-13. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, land use has not changed and remains for nonresidential purposes. In addition, there was no evidence of any recent ground disturbance or construction activities (see Appendix C [Photos N1 through N7]). Consistent with the 2022 LUC inspection, a groundwater monitoring well was observed within the boundaries of the site during the 2023 LUC Inspection. The well monument has a metal tag identifying the well as MW-613 with a 2018 installation date (see Appendix C [Photo N13]). Well MW-613 was installed during the Phase 1 Ault Field PFAS Site Inspection and is not related to the preexisting lead contamination at Former MTTR. Well MW-613 does not require inspection as part of the LUCs.

During the 2023 inspection, one roll-off bin of investigation-derived waste (IDW) with secondary containment was observed along the southeast corner of the site (see Appendix C [Photo N14]). This roll-off bin was not properly labeled (see Appendix C [Photo N15]); however, the Navy Remedial Project Manager (RPM) reports that a new label has since been applied. During the 2022 inspection, two roll-off bins and two totes were observed in this location. The roll-off bins and totes observed in 2022 contained water and soil from the Ault Field Baseline Groundwater Model (Navy 2022); according to the RPM, those containers were removed 24 October 2022, after the completion of the 2022 LUC inspections. The roll-off bin observed during the 2023 LUC inspections was used for storage of IDW from the Current Fire Training Area Remedial Investigation, according to the RPM for the PFAS investigation.

While not a LUC for this site, security was evaluated during the inspection. The site is bounded on the southern and southeastern boundaries by three-strand barbed wire fence. The southwestern and western areas of the Former MTTR are not bounded by

a fence, although the western boundary of the site is adjacent to a steep slope that extends down to the beachfront. The northern boundary of the site is bounded by chain-link fence and is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

While not a LUC for this site, signage was evaluated during the inspection. Signage at the site appeared to need maintenance, and no signage was observed to define the eastern or southwestern boundaries of the Former MTTR. Signage is present at a gated access point from the base at the northern boundary of the site (see Appendix C [Photo N12]), at the gate off Clover Valley Road (see Appendix C [Photo N11]), and in the southeast corner of the site (see Appendix C [Photo N10]). The sign in the southeast corner of the site was laying on the ground upon arrival and was propped up for the photo.

2.14.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site EO354, Former MTTR, are functioning as intended to protect human receptors from exposure to soil.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-23).

Table 2-23: Recommendations for Site EO354, Former Mobile Turret Tower Range

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that site is used for nonresidential purposes only; nonresidential land uses may include recreational, industrial, commercial, office, and educational uses. Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. 	<ul style="list-style-type: none"> None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, perform maintenance on existing signage, and potentially add signage to define the site hazard. 	

Acronym: LUC = land use control

2.15 Site EO351, Former Lake Hancock Target Range

2.15.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site EO351, Former Lake Hancock Target Range:

- Ensure that site is used for military purposes only.

- Ensure UXO support during intrusive/construction, ground-disturbing activities (up to 10 feet below ground surface [bgs]).
- Ensure perimeter fencing is intact to restrict access to site.
- Ensure signage is intact and readable, designating site as a restricted access area and potential UXO area.

A site map illustrating the MRP LUC Area location and boundary for Site EO351, Former Lake Hancock Target Range, is presented on Figure 2-14.

The following findings have been determined for Site EO351, Former Lake Hancock Target Range, LUCs during the 2023 inspection:

- Site use remains for military purposes only.
- No intrusive/construction or ground-disturbing activities have been conducted since the 2022 LUC inspection.
- Perimeter fencing has been repaired, replaced, and is largely intact with a few exceptions. Instances of minor trespassing have been noted and are being addressed by Base Security.
- All signage designating the site as a restricted access area and potential UXO area is intact and readable.

2.15.2 Site Walk-Through Observations

Former Lake Hancock Target Range was inspected on 21 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-14. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, land use has not changed and remains for military purposes only.

Former Lake Hancock Target Range is bounded by residential neighborhoods to the north and south and Washington State Route 525 (WA-525) to the east. Several established trails were identified during current and past LUC inspections that access either just inside the Navy property or lead to the beachfront on the western boundary of

the site. Specifically, the following potential trespassing locations were identified during the 2023 LUC inspection:

- A trail from the northwest corner of the property leads to the residential properties to the north of the site; a sign is present (see Appendix C [Photo O23]). Newly installed fencing ends short of an overhanging cliff edge, and vegetation has been cleared by trespassers to gain access (see Appendix C [Photo O51]).
- A driftwood shelter, identified during previous inspections, remains at the north spit of the inlet of Lake Hancock (see Appendix C [Photo O43]).
- A path enters the site from WA-525 at the northeast corner of the site (see Appendix C [Photo O11]). The path was previously described as a roadway but appeared more overgrown than during previous inspections, suggesting reduced use.
- An area behind the guardrail along WA-525 on the eastern side of the site has a fence that appears to be in good condition (see Appendix C [Photo O15]).
- A gate and barbed wire fencing are present to access the eastern side of the site along WA-525. The gate and fencing appear to be in good condition (see Appendix C [Photo O16]).
- New signs were installed in 2021 along Smugglers Cove Road at the vehicle pull-off adjacent to the utility building just south of the site (see Appendix C [Photo O27]).
- A trail leads to the beachfront from the residential properties at the southwest corner of the site (see Appendix C [Photos O12 and 13]), although it was not maintained in all areas noted during the 2019 through 2022 inspections (Battelle 2020; Liberty JV 2021; Liberty JV 2022; Liberty JV 2023b). Fallen trees and dry season growth were encountered between the residence and beachfront (see Appendix C [Photos O33 and 52]). New fencing and signage were installed in 2021 at the southwestern boundary and are still in good condition (see Appendix C [Photos O30 and O31]).

Accessing the area described as the surface clearance removal action boundary (Figure 2-14) would be accomplished most easily by the trails in the southwestern corner of the site that led directly to the beach area (see Appendix C [Photos O12 and O31 through O33]). Accessing the inner Former Target Area would require crossing the wetland, fording the inlet of Lake Hancock, or traversing the marshland at low tide and circumventing the recently installed fencing, as noted in the 2019 LUC inspection report (Battelle 2020). In general, the site is fenced with three-strand barbed wire fence along the southern and northern boundaries. The eastern boundary is fenced with three-

strand barbed wire fence, but the fencing is discontinuous in certain areas. Furthermore, the beach area is accessible by boat due to its location adjacent to the beachfront or by beachgoers simply walking in from the beachfront south or north of the site. The site is periodically (usually on a weekly basis) patrolled by NAS Whidbey Island Base Security.

During the 2020 LUC inspection (Liberty JV 2021), newly installed fencing in the southwestern corner of the site was observed to have been removed. Fencing installed in the southwestern corner of the site was previously reported to be cleanly removed within weeks of installation (Battelle 2020). However, newly installed fencing in the southwestern corner of the site observed during the 2021 LUC inspection (Liberty JV 2022) has been maintained through the 2023 LUC inspection and appears to successfully prevent access to the surface clearance removal action boundary and the Former Target Area (see Appendix C [Photo O31]).

Adequate signage exists in most areas to notify trespassers of the property boundary and the hazards associated with the MRP site (see Appendix C [Photos O14 through O42]). In the northwestern portion of the site at the shoreline, one sign was missing at the time of the inspections. The Navy NTR confirmed the replacement of this sign on December 2, 2023. The trail onto Navy property begins at Photo point O13 (Figure 2-14), and no sign is present.

It is likely that the public is using the trails observed at the northwestern and southwestern corners of the site simply to access the Lake Hancock natural area and pristine beaches to the north and south of the Navy property, as well as the beach on the western boundary of the site. Steep shoreline cliffs quickly rise to the north and south of Former Lake Hancock Target Range, rendering the gently sloping trails at the northwest and southwest corners of the site as the only tenable route to these non-Navy property beachfronts. The nearest beach access points are otherwise 2.8 kilometers to the south of the Navy property (Lagoon Point County Park) or 1 kilometer north of the Navy property (via Teronda Beach Road).

2.15.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site EO351, Former Lake Hancock Target Range, are functioning as intended to protect human receptors from exposure to UXO. Based on the field observations and findings, recommendations were developed for the Former Lake Hancock Target Range to maintain LUC effectiveness. Table 2-24 presents specific recommendations related to current LUCs for this site to ensure LUCs remain effective.

Table 2-24: Recommendations for Site EO351, Former Lake Hancock Target Range

LUC Descriptions	Recommendations from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that site is used for military purposes only. • Ensure UXO support during intrusive/construction, ground-disturbing activities (up to 10 feet bgs). • Ensure perimeter fencing is intact to restrict access to site. • Ensure signage is intact and readable, designating site as a restricted access area and potential UXO area. 	<ul style="list-style-type: none"> • Inspect fencing on a regular basis and perform maintenance, as needed. • Maintain signage at trespassing trail points on site boundaries.

Acronyms/Abbreviations:

bgs = below ground surface

LUC = land use control

UXO = unexploded ordnance

2.16 Site 36, Former Fuel Farm 1

2.16.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site 36, Former Fuel Farm 1:

- Ensure that land use remains industrial with restricted recreational land use limited to the Upper Area along paved footpaths with traffic confined to specific areas by signs and barrier vegetation and along paved athletic areas.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.
- Maintain controlled access and security fencing for Tank 226 and the Resource Conservation and Recovery Act satellite accumulation point.
- Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of the EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions.

A site map illustrating the Petroleum Site LUC Area location and boundary for Site 36, Former Fuel Farm 1, is presented on Figure 2-15.

The following findings have been determined for Site 36, Former Fuel Farm 1, LUCs during the 2023 inspection:

- Land use remains industrial with restricted recreational land use limited to the Upper Area along paved footpaths; land use has not changed since the 2022 LUC inspection.
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No ground disturbance or construction activities have been conducted since the 2022 LUC inspection.
- Security fencing for Tank 226 and the satellite accumulation point is maintained, and access is controlled.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.16.2 Site Walk-Through Observations

Former Fuel Farm 1 was inspected on 23 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-15. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Within both the Lower and Upper Areas, land use has not changed and remains for industrial purposes. Also, there was no evidence of soil excavation (see Appendix C [Photos P1 through P12]). However, there was a minor fissure in the ground on the northern end of the Upper Area (see Appendix C [Photo P55]). This fissure was also noted in the 2022 LUC inspection report (Liberty JV 2023b) as being 2 inches wide and 100 feet long. Although the fissure appears to have slightly destabilized the surface monuments of these wells, the wells remain in good condition and suitable for groundwater monitoring.

Within the Lower Area, which serves as a marina, there are administrative and storage buildings, as well as a yard used to store boats. The pump station, located in the southeastern corner of the marina and surrounded by aboveground fuel lines, appears to be the area most actively used by Navy personnel. Both the pump station and aboveground fuel lines are secured by chain-link fencing and a locked gate. No other portion within the Lower Area is fenced. On the outer perimeter of the chain-link fence, there were two 55-gallon drums with nonhazardous waste labels observed during the 2023 LUC inspections (see Appendix C [Photos 57 and 58]). These drums were also observed during the 2022 LUC inspections. During 2022 and 2023, drum labels did not contain the nature or source of the drum contents. Within the Upper Area, no activity was observed during the inspection. The northern portion of the Upper Area is an open field, not secured or under any access restrictions. The southern portion of the Upper Area is secured by chain-link fencing with locked gates. The site is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

The fenced portion of the Upper Area includes a satellite hazardous waste accumulation area and spill prevention kit (Appendix C [Photo P45]). There is evidence of the former Tanks 473-476 (in the form of land subsidence), and the bioventing system is located on the paved pad at the location of former Tank 226 (see Appendix C [Photo P54]). Utility access vaults and utility holes are present throughout the Upper Area.

While not a LUC for this site, signage was evaluated during the inspection. Signage at Former Fuel Farm 1 was minimized at the direction of the prior NAS Whidbey Island Commanding Officer (Battelle 2020). Minimal signage was observed during the inspections with one sign in the Lower Area indicating a shellfish consumption hazard (see Appendix C [Photo P12]). No other signage identifying the site restrictions or hazards was observed in either the Lower or Upper Areas of Former Fuel Farm 1.

LUCs for this site include limiting site use to foot traffic, which must be confined to specific paths. This is accomplished by use of curbing and vegetation to define paths throughout the Upper Area.

As part of the inspection, the condition of groundwater monitoring wells at Former Fuel Farm 1 was reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. A summary of findings at each monitoring well is provided in Table 2-25. Unless otherwise noted in Table 2-25, monitoring wells located and accessed within Former Fuel Farm 1 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Table 2-25: Monitoring Wells at Site 36, Former Fuel Farm 1

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-201	473449	1204377	P32	-
MW-202	473281	1204082	P21	-
MW-301	473487	1204044	P23	-
MW-303	473514	1204096	P26	-
MW-304	473556	1203995	P24	Unlocked upon observation and unable to move monument lid
MW-305	473557	1204062	P25	-
MW-306	473369	1204145	P22	-
MW-311	473302	1204300	P30	Tight lid hinge – unable to access monument interior
MW-313	473386	1204458	P33	Tight lid hinge – unable to access monument interior
MW-315	473455	1204487	P34	-
MW-317	473523	1204402	P31	-
MW-318	473118	1204049	P18	Lid hinge broken – well not secure
MW-319	473180	1204109	P19	Several wasps present – unable to access inner casing
MW-320	473238	1204199	P20	Unlocked upon observation, lid and monument holes cannot line up due to rusty hinge, potentially impacted by subsidence
MW-321	473423	1204543	P35	-
MW-322	473577	1204279	P28	Tight lid hinge
MW-323	473561	1204185	P27	Wasps present in monument, concrete apron loose – appears to be intersected by fissure
MW-324	473412	1204254	P29	-
MW-325	473484	1203887	P14	Tight lid hinge and several wasps – unable to access inner casing
MW-326	473319	1203947	P15	-
MW-327	473386	1203704	P13	Tight lid hinge – unable to access inner casing
MW-328	473127	1203933	P17	Concrete apron above ground and loose
MW-329	473248	1203883	P16	Lid hinge broken – well not secure
MW-330	473607	1204596	P51	-
MW-331	473660	1204609	P47	-
MW-332	473580	1204629	P38	-
MW-333	473578	1204692	P52	-
MW-335	473561	1204508	P40	-
MW-337	473665	1204485	P42	Bolt holes stripped
MW-338	473624	1204528	P39	-
MW-339	473523	1204565	P37	-
MW-342	473594	1204479	P41	-
MW-343	473477	1204630	P36	-

Table 2-25: Monitoring Wells at Former Fuel Farm 1 (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-344	473494	1204773	P53	-
MW-501	473818	1204385	P45	Bolt holes stripped
MW-502	473755	1204395	P44	-
MW-503	473698	1204468	P43	Bolt holes stripped
MW-601	473688	1204498	P46	-
MW-602	473699	1204711	P48	-
MW-603	473695	1204719	P49	-
MW-604	473709	1204778	P50	Bolt holes stripped

Acronyms/Abbreviations:

- = No maintenance items observed
ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the site (see Appendix F). In addition, there have been no incident reports or access control issues within the area of Former Fuel Farm 1, except an unaffiliated boat landing in the Lower Area in August 2023. The nature of this trespassing event did not violate LUCs at this site.

2.16.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site 36, Former Fuel Farm 1, are functioning as intended to protect human receptors from exposure to soil and groundwater.

Table 2-26 presents specific recommendations related to current LUCs for this site to ensure LUCs remain effective.

Table 2-26: Recommendations for Site 36, Former Fuel Farm 1

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains industrial with restricted recreational land use limited to the Upper Area along paved footpaths with traffic confined to specific areas by signs and barrier vegetation and along paved athletic areas. No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. 	<ul style="list-style-type: none"> Conduct periodic maintenance to the monitoring wells to maintain integrity and security, particularly MW-320 and MW-323, which may be damaged.

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Protect existing monitoring wells. • Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. • Maintain controlled access and security fencing for Tank 226 and the Resource Conservation and Recovery Act satellite accumulation point. • Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of the EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions. 	
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Although not a LUC for this site, consider further investigation of land subsidence to avoid damage to monitoring wells. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.17 Site 35, Former Fuel Farm 2

2.17.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site 35, Former Fuel Farm 2:

- Ensure that Site is used for nonresidential purposes only, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

- Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of the EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions.

A site map illustrating the Petroleum Site LUC Area location and boundary for Site 35, Former Fuel Farm 2, is presented on Figure 2-16.

The following findings have been determined for Site 35, Former Fuel Farm 2, LUCs during the 2023 inspection:

- Land use remains nonresidential; land use has not changed since the 2022 LUC inspection.
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells or remediation system wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No excavation activities have been conducted since the 2022 LUC inspections. Some disturbed soils were observed during the 2023 inspections.
- The property is still under the ownership of the Navy; there are no new property deeds.

2.17.2 Site Walk-Through Observations

Site 35, Former Fuel Farm 2, was inspected on 23 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-16. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Former Fuel Farm 2 is an open field with the Mount Stewart Loop road traversing northeast-southwest on the eastern portion of the site. The main entry point to the site is on the northeast side with a concrete pad on the west side of the road and concrete barricades on both sides of the road. The concrete barricades are mostly overgrown with vegetation. Based on the field inspection, land use has not changed and remains for industrial purposes. Consistent with previous inspections, one additional monitoring well labeled MP-B, which appears to be from a historical investigation, was observed on

the site (see Appendix C [Photo Q21]). This well was photographed but not further inspected and is not included in the LUC Work Plan. Also, there is no activity or evidence of soil excavation activities within the site. Disturbed soils were observed in two locations (see Appendix C [Photos Q23 and Q24]). The Navy has been unable to determine who or what caused the soil disturbance at these locations. The depths of the disturbed areas were approximately 6 inches deep and 12 inches deep. The Revised Cleanup Action Plan for Former Fuel Farm 2 confirms that soil in the depth range 0 to 15 feet below ground surface met the MTCA Method A soil criteria for all contaminants of concern (Navy 2013b). Because of this, the disturbed soils do not represent a risk to workers.

While not LUCs for this site, signage and security were evaluated during the inspection. Signage at Former Fuel Farm 2 was minimized per request of the prior NAS Whidbey Island Commanding Officer (Battelle 2020). There is one deteriorated wooden signpost and panel at the far south end of the site, but no legible signage is present on the panel (see Appendix C [Photo Q11]). No other signage was observed identifying the site boundary, restrictions, or hazards of any type within or at primary entry points to Former Fuel Farm 2. The site is not fenced but is located within the fenced and secured boundary of the Seaplane Base and is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

The condition of groundwater monitoring wells at Former Fuel Farm 2 was reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. The inspection did not identify any significant deficiencies with the wells that were located. A summary of findings at each monitoring well is provided in Table 2-27. Monitoring wells located and accessed within Former Fuel Farm 2 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Table 2-27: Monitoring Wells at Site 35, Former Fuel Farm 2

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-001	471180	1204168	Q12	-
MW-306	471389	1204146	Q13	Tight lid hinge – unable to access monument interior
MW-307	471299	1204148	Q14	-
MW-505	471322	1203973	Q15	Difficult to locate due to grass
MW-506	471313	1204029	Q16	-
MW-507	471297	1204081	Q17	-
MW-508	471357	1204016	Q18	Well location does not match surveyed coordinates
MW-716	471288	1204150	Q19	-
MW-717	471247	1203982	Q20	-

Acronyms/Abbreviations:

- = No maintenance items observed

ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the site (see Appendix F). In addition, there have been no incident reports or access control issues within the area of Former Fuel Farm 2.

2.17.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site 35, Former Fuel Farm 2, are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-28).

Table 2-28: Recommendations for Site 35, Former Fuel Farm 2

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> • Ensure that site is used for nonresidential purposes only, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. • No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. • No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. • Protect existing monitoring wells. • Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. • Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of the EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions. 	<ul style="list-style-type: none"> • None
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> • Prior to any soil disturbance on the site, ensure that procedures are in place to properly categorize soils, and ensure that workers are protected. • Although not a LUC for the site, complete minor and periodic maintenance to the monitoring wells as needed. Regular mowing would improve access to wells. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.18 Site 13, Former Fuel Farm 3

2.18.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site 13, Former Fuel Farm 3:

- Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.
- Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of the EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions.

A site map illustrating the Petroleum Site LUC Area location and boundary for Site 13, Former Fuel Farm 3, is presented on Figure 2-17.

The following findings have been determined for Site 13, Former Fuel Farm 3, LUCs during the 2023 inspection:

- Land use remains industrial; land use has not changed since the 2022 LUC inspection.
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.
- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No ground disturbance or construction activities have been conducted since the 2022 LUC inspections.

- The property is still under the ownership of the Navy; there are no new property deeds.

2.18.2 Site Walk-Through Observations

Site 13, Former Fuel Farm 3, was inspected on 25 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-17. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

The northern portion of the site comprises mainly parking lots. There is significant vehicle and pedestrian activity within the site, as the larger parking lot in the northeast portion of the site services Skywarrior Theater patrons and acts as overflow parking for Navy employees. The southern portion of the site includes a former construction laydown area along Oriskany Avenue, a shipping/receiving facility in the southwest portion, and a hazardous waste minimization facility on the south end of the site.

Within both the southern and northern portions of the site, land use has not changed and remains for industrial and commercial purposes.

An oil-water separator unit within a concrete secondary containment pad was noted south of the Skywarrior Theater parking lot. No access controls were present to prevent tampering. As noted in the 2019 LUC inspection (Battelle 2020), this oil-water separator unit was part of a treatment system employed by the Navy and is no longer actively used.

While not LUCs for this site, signage and security were evaluated during the inspection. Signage at Former Fuel Farm 3 was minimized at the direction of the prior NAS Whidbey Island Commanding Officer (Battelle 2020); therefore, minimal signage exists across the site. "Restricted Area, Keep Out" signage was limited to the access road vicinity dividing the northern and southern areas of Former Fuel Farm 3 and the east side of the site (see Appendix C [Photos R20, R21, and R22]). The two signs on the east side of the site are faded and may require maintenance or replacement. The site is not fenced, but frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security. The hazardous waste minimization facility contained ten drums, and some other containers, within the fenced and roofed area (see Appendix C [Photo R60]). Labels were observed on some drums but could not be inspected due to fencing around the area.

As part of the field inspections, the condition of groundwater monitoring wells at Former Fuel Farm 3 was reviewed and documented on the monitoring well inspection checklist

(see Appendix D). Photographs of each monitoring well are provided in Appendix C. A summary of findings at each monitoring well is provided in Table 2-29. Unless otherwise noted in Table 2-29, monitoring wells located and accessed within Former Fuel Farm 3 during the 2023 LUC inspection were secured during the 2021 inspection with new padlocks that remain in good condition.

Table 2-29: Monitoring Wells at Site 13, Former Fuel Farm 3

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-001	493167	1194253	R55	-
MW-002	493412	1194579	R51	-
MW-003	493243	1194835	R37	-
MW-302	492775	1194172	R26	-
MW-303	492809	1194515	R28	-
MW-305	493019	1194490	R32	-
MW-311	493317	1194259	R57	-
MW-334	493000	1194752	R31	-
MW-335	491017	1194206	R33	-
MW-350	493270	1194386	R58	Monument not secured to ground surface, surrounding material is coarse gravel in a parking lot island
MW-351	493226	1194488	R59	Monument not secured to ground surface, surrounding material is coarse gravel in a parking lot island
MW-352	493198	1194362	R34	-
MW-353	493209	1194741	R35	-
MW-354	493163	1194911	R36	Tight lid hinge – difficulty accessing
MW-355	493055	1194942	R29	-
MW-356	492932	1194879	R30	-
MW-357	492885	1194756	R49	Bolt holes stripped
MW-358	492744	1194560	R44	-
MW-359	492733	1194456	R42	-
MW-360	492735	1194314	R27	-
MW-361	492892	1194065	R25	-
MW-363	493154	1194154	R56	-
MW-364	493340	1194845	R38	Tight lid hinge – difficulty accessing
MW-365	493330	1194769	R50	-
MW-368	492488	1194911	R23	-
MW-369	492634	1194640	R24	One bollard leaning
MW-371	492344	1194538	R40	Monument filled with surface water
MW-372	492323	1194376	R39	Monument filled with surface water
MW-501	492737	1194329	R41	-
MW-502	493014	1194450	R46	-
MW-503	493182	1194689	R47	-
MW-504	493165	1194268	R54	-
MW-505	493162	1194356	R53	-
MW-506	492765	1194547	R45	-

Table 2-29: Monitoring Wells at Site 13, Former Fuel Farm 3 (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-507	492778	1194602	R43	-
MW-701	493268	1194613	R52	Monument filled with surface water
MW-702	492589	1194471	R48	-

Acronyms/Abbreviations:

- = No maintenance items observed

ID = identification

PVC = polyvinyl chloride

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well-installation activities within or downgradient of the site (see Appendix F). Also, there have been no incident reports or access control issues within the area of Former Fuel Farm 3.

2.18.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site 13, Former Fuel Farm 3, are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-30).

Table 2-30: Recommendations for Site 13, Former Fuel Farm 3

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. Protect existing monitoring wells. Prevent ground disturbance or construction activities. Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation. Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of the EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions. 	<ul style="list-style-type: none"> None

Table 2-30: Recommendations for Site 13, Former Fuel Farm 3 (continued)

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, complete minor and periodic maintenance to the monitoring wells as needed. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.19 Site 11, Former Fuel Farm 4

2.19.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site 11, Former Fuel Farm 4:

- Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.
- No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology.
- No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans.
- Protect existing monitoring wells.
- Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

A site map illustrating the Petroleum Site LUC Area location and boundary for Site 11, Former Fuel Farm 4, is presented on Figure 2-18.

The following findings have been determined for Site 11, Former Fuel Farm 4, LUCs during the 2023 inspection:

- Land use remains industrial; land use has not changed since the 2022 LUC inspection.
- There has been no unapproved use of groundwater from, or downgradient of, the area since the 2022 LUC inspection.

- No downgradient wells have been installed since the 2022 LUC inspection.
- Existing monitoring wells are protected.
- No ground disturbance or construction activities have taken place at the site since the 2022 LUC inspection.

2.19.2 Site Walk-Through Observations

Former Fuel Farm 4 was inspected on 25 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on Figure 2-18. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Based on the field inspection, land use has not changed and remains industrial only. The site encompasses a grassy field accessed via an asphalt road leading uphill to a vehicle turnaround south of Forrestal Avenue. An out-of-service electrical panel is present in the center of the site (Appendix C [Photo S12]). Several monitoring wells associated with the site are located outside of the current site boundary and within the current fueling station access drive.

Near the wells associated with former Building 491, there are aboveground fuel lines within secured, chain-link fencing and locked gate. An oil-water separator is present northeast of the site (see Appendix C [Photos S17 and S18]). A used petroleum trailer is located on pavement near Forrestal Avenue in a bermed and covered area (see Appendix C [Photos S19 and S20]). Twelve drums were observed north of the site boundary, in the paved area; a nonhazardous waste label was present on the top of one of the drums but was not readable (see Appendix C [Photos S15 and S16]).

While not LUCs for this site, signage and security were evaluated during the inspection. Signage at Former Fuel Farm 4 was minimized at the direction of the prior NAS Whidbey Island Commanding Officer (Battelle 2020). An access road runs from the northeast to southwest portions of the site. “Restricted Area” signs are posted along the access road on the southeast side, facing southeast into a heavily wooded area (see Appendix C [Photo S4]). There is also a “Restricted Area” sign at the northeast corner of the site, adjacent to the access road entry point (see Appendix C [Photo S5]).

There is no other signage to assist in delineating the site boundary or informing personnel of restrictions or hazards. In general, the site is not fenced or delineated from the surrounding areas. The site is frequently (weekly or more often) patrolled by NAS Whidbey Island Base Security.

As part of the field inspection, the condition of groundwater monitoring wells at and near Former Fuel Farm 4 was also reviewed and documented on the monitoring well inspection checklist (see Appendix D). Photographs of each monitoring well are provided in Appendix C. A summary of findings at each monitoring well is provided in Table 2-31. Five monitoring wells were located and accessed within Former Fuel Farm 4 during the 2023 LUC inspection. Three wells, MW-109, MW-114, and MW-113 (491), were secured with a new padlock during the 2021 inspections. The other wells in this area do not accommodate the new lock.

Table 2-31: Monitoring Wells at Site 11, Former Fuel Farm 4

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspections
MW-109	489905.553664	1196219.914920	S6	-
MW-114	489922.665974	1196122.374720	S7	-
MW-113 (491)	490110.901448	1196098.417480	S10	-
MW-114 (491)	490155.393467	1196098.417480	S8	=
MW-115 (491)	490153.682236	1196127.508420	S9	=

Acronyms/Abbreviations:

- = No maintenance items observed
ID = identification

Based on the field inspection and a review of well records from Ecology and the Island County Department of Environmental Health, there is no visual or administrative evidence of groundwater use or well -installation activities within or downgradient of the Site (see Appendix F). In addition, there have been no incident reports or access control issues within the area of Former Fuel Farm 4.

2.19.3 Conclusion and Recommendations

Based on the 2023 LUC inspection, the LUCs for Site 11, Former Fuel Farm 4, are functioning as intended to protect human receptors from exposure to soil and groundwater.

Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-32).

Table 2-32: Recommendations for Site 11, Former Fuel Farm 4

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. 	<ul style="list-style-type: none"> None

Table 2-32: Recommendations for Site 11, Former Fuel Farm 4 (continued)

LUC Descriptions	Recommendations related to LUCs from 2023 Inspections
<ul style="list-style-type: none"> No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by the EPA and Ecology. No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by the EPA and Ecology in approved plans. Protect existing monitoring wells. Prevent ground disturbance or construction activities. 	
Recommendations NOT related to LUCs from 2023 inspections	
<ul style="list-style-type: none"> Although not a LUC for this site, consider installing signage at vehicular and pedestrian access points to identify restrictions and hazards. Although not a LUC for this site, complete minor and periodic maintenance for the monitoring wells as needed. 	

Acronyms/Abbreviations:

Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
LUC = land use control

2.20 Site 45, TCE Tank

2.20.1 Site-Specific Land Use Controls and Findings

Per the LUCIP (Liberty JV 2020), the following LUCs are required for Site 45, TCE Tank:

- Ensure that land use remains industrial, restricting residential land use, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds.

A site map illustrating the Petroleum Site LUC Area location and boundary for Site 45, TCE Tank is presented on Figure 2-19.

The following findings have been determined for Site 45, TCE Tank, LUCs during the 2023 inspection:

- Land use remains industrial; land use has not changed since the 2022 LUC inspection.

2.20.2 Site Walk-Through Observations

Site 45, TCE Tank was inspected on 21 September 2023. A site map illustrating the locations of photographs taken during the 2023 LUC inspection, including photo identification numbers keyed to the photograph log in Appendix C, is presented on

Figure 2-19. This section documents general site observations made during the site walk-through and not just those that pertain to the effectiveness of the site-specific LUCs.

Site 45 is near the western installation boundary of NAS Whidbey Island, Seaplane Base, in a flat grassy plot of land southwest of a hazardous waste satellite accumulation bunker and bounded by Maui Avenue (to the south), Coral Sea Avenue (to the east), and steep slopes to the north and west. The flat plot was the former location of Building 14 (see Appendix C [Photos T4 and T2]). The site is not delineated by a fence, though it is frequently (at least daily) patrolled by NAS Whidbey Island Base Security.

Land use remains for industrial purposes, with minimal activity. Although not a LUC for the site, the presence of wells was evaluated during the inspection. Previously identified utilities and a groundwater monitoring well are the only noteworthy items about the site (see Appendix C [Photos T6 through T8]). The groundwater monitoring well was not identified in Ecology or Island County online databases and is not identified on the LUC well inspection list (Table 3-4 of the LUCWP).

While not LUCs for this site, signage and security observations were noted during the inspection. There is no signage to assist in delineating the site boundary or informing personnel of restrictions or hazards. At Site 45, one sign located on the hazardous waste accumulation area bunker was observed (see Appendix C [Photo T9]). There have been no incident reports or access control issues within Site 45. A trespassing incident did occur at the adjacent Maui Gate onto Seaplane Base but did not involve any activities violating LUCs at Site 45.

2.20.3 Conclusion and Recommendations

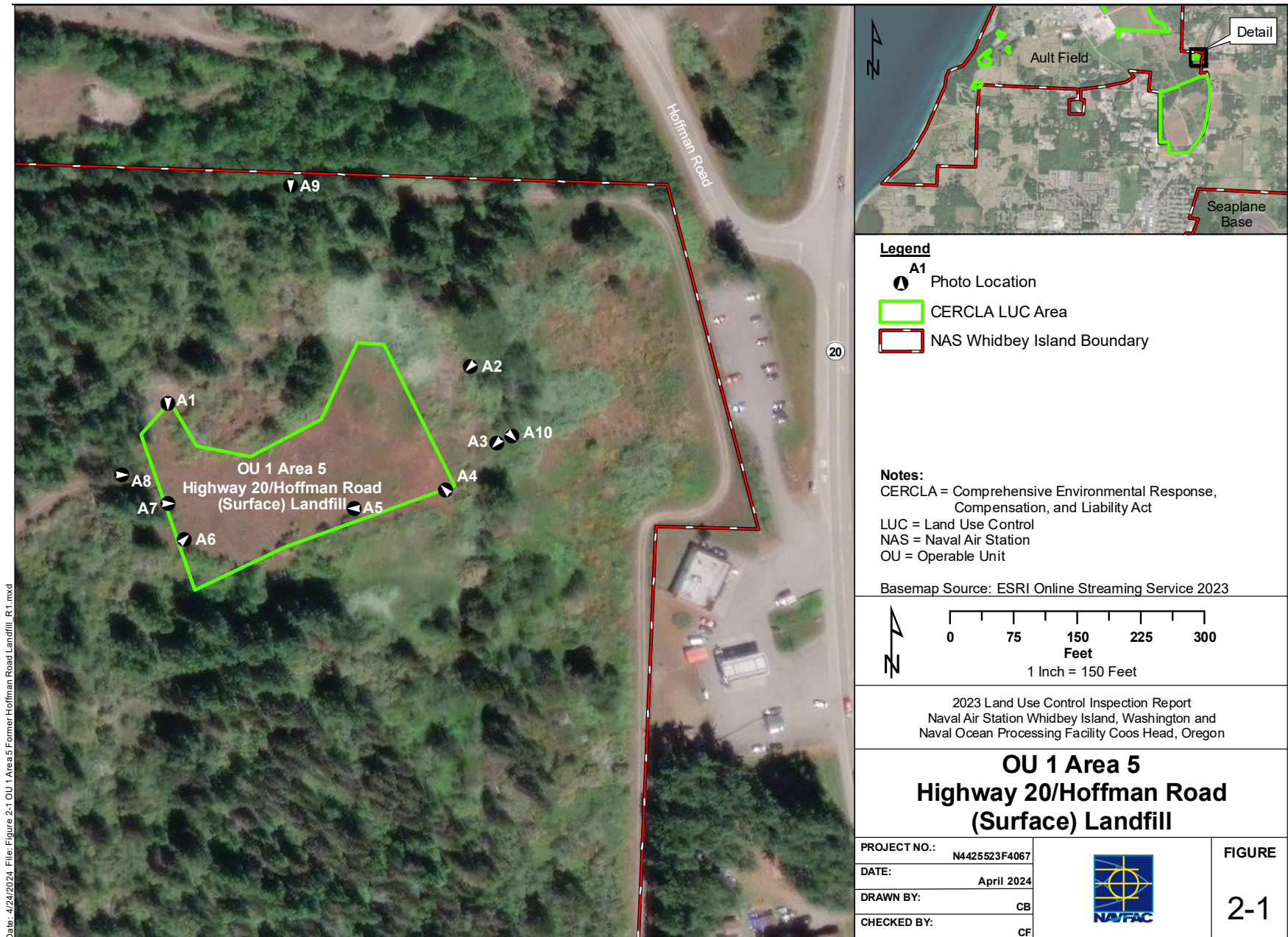
Based on the 2023 LUC inspection, the LUCs for Site 45, TCE Tank, are functioning as intended to limit land use. Because the LUCs are functioning as intended, no corrective actions are recommended as a result of the 2023 LUC inspection (Table 2-33).

Table 2-33: Recommendations for Site 45, TCE Tank

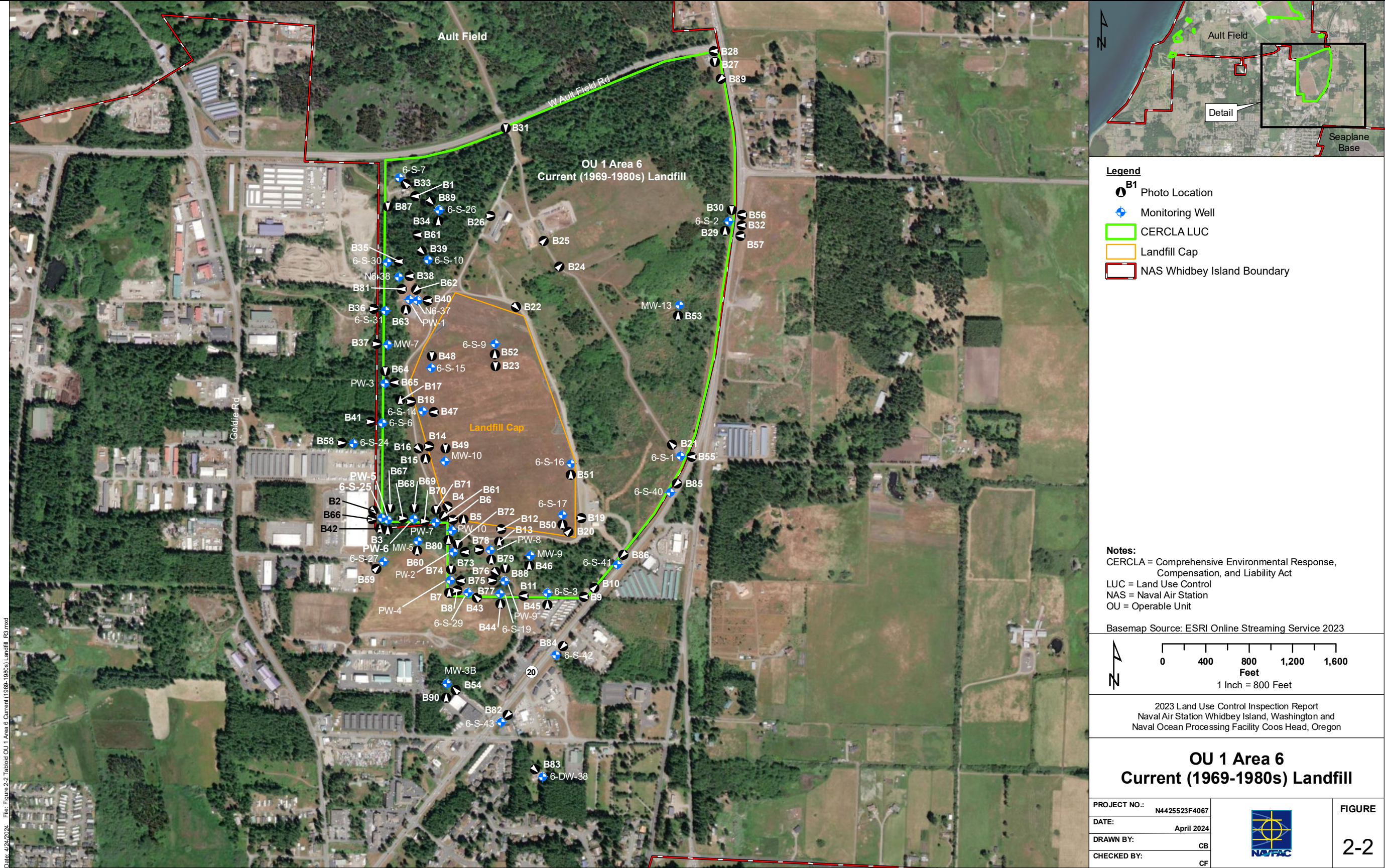
LUC Descriptions	Recommendations from 2023 Inspections
<ul style="list-style-type: none"> Ensure that land use remains industrial, restricting residential land use, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, childcare facilities, and playgrounds. 	<ul style="list-style-type: none"> None

Acronym: LUC = land use control

This page is intentionally blank.

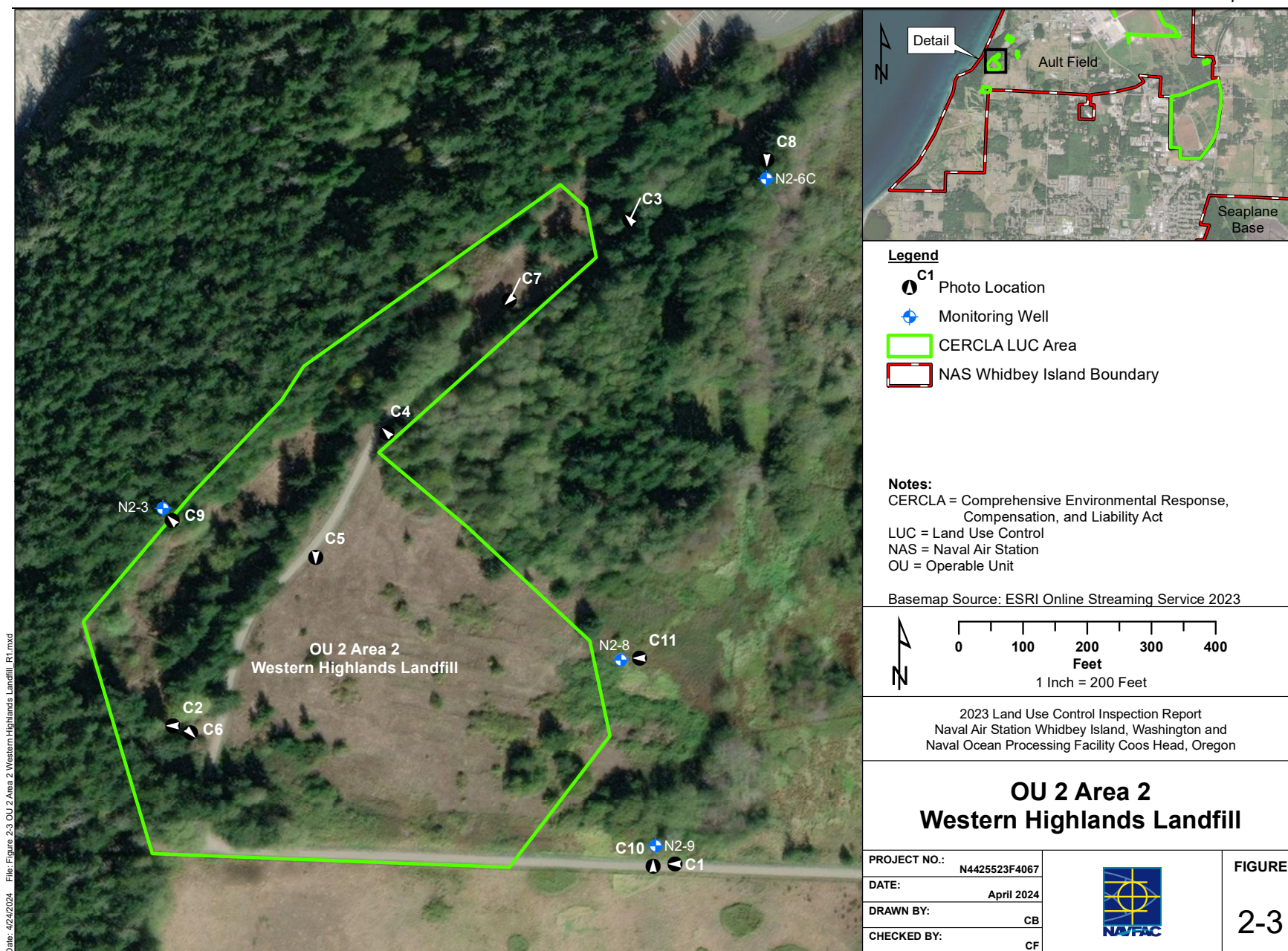


This page is intentionally blank.



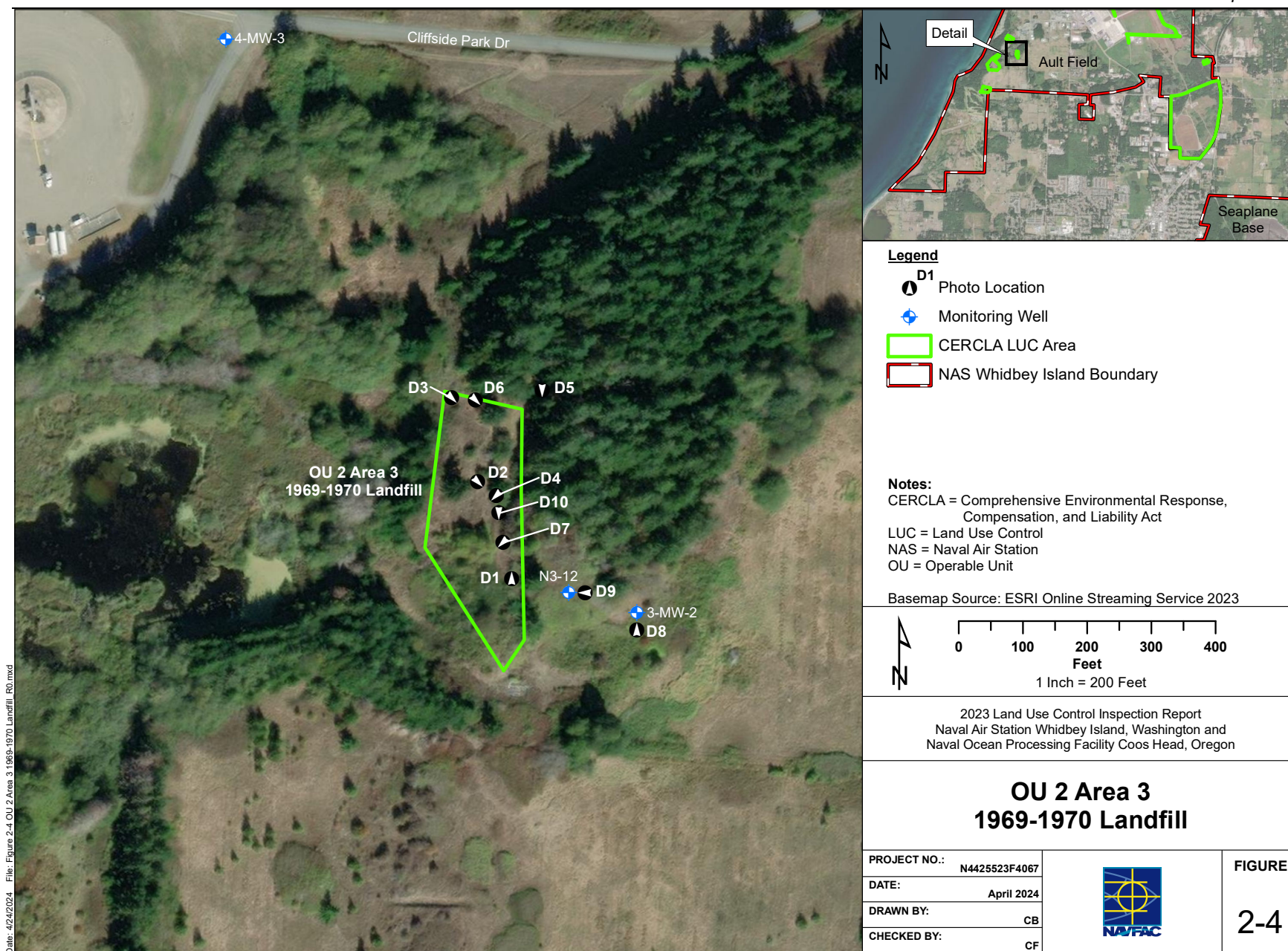
Date: 4/24/2024 File: Figure 2-2 Tabbed OU 1 Area 6 Current (1969-1980s) Landfill B3.mxd

This page is intentionally blank.



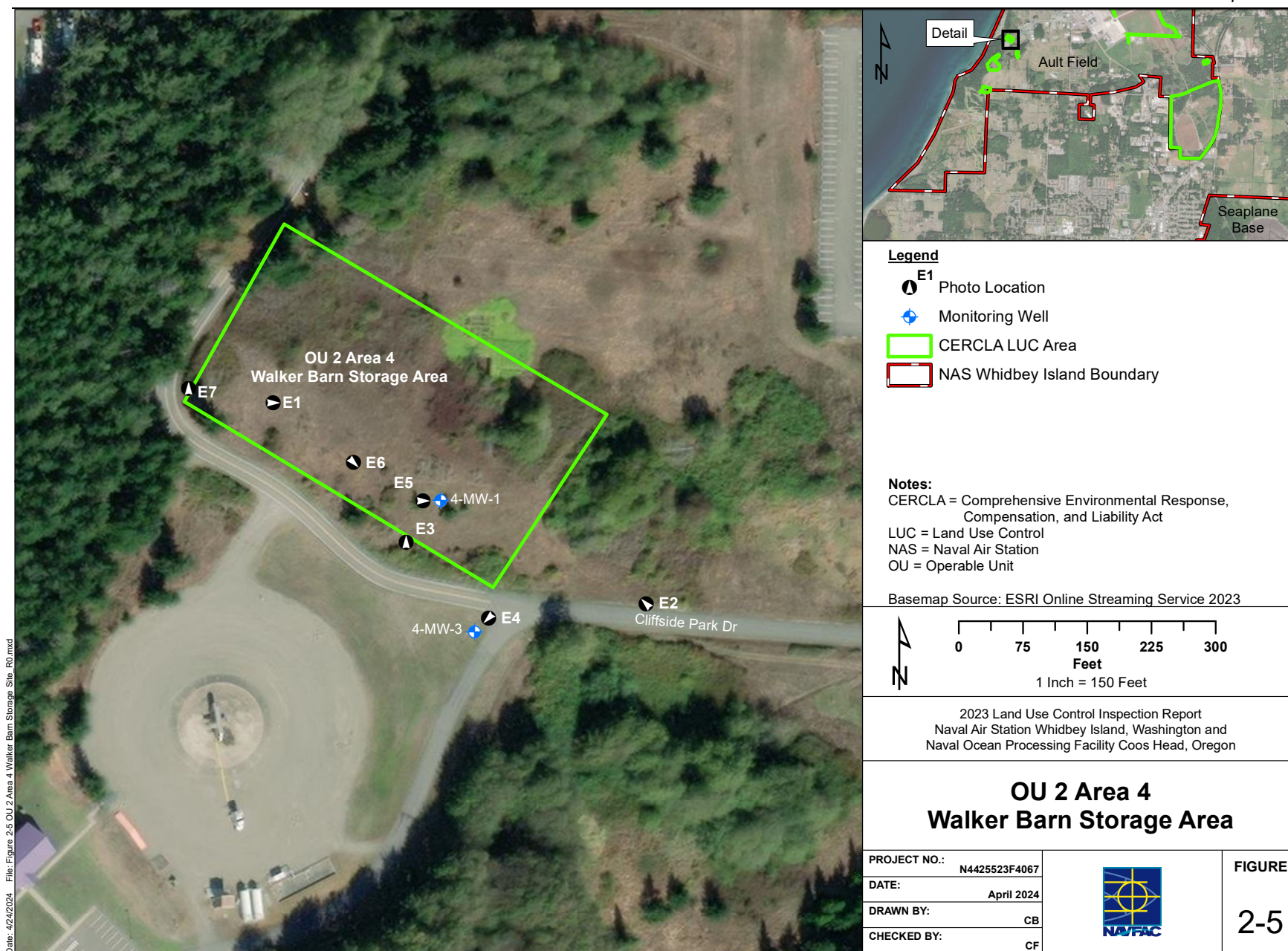
Date: 4/24/2024 File: Figure 2-3 OU 2 Area 2 Western Highlands Landfill_R1.mxd

This page is intentionally blank.



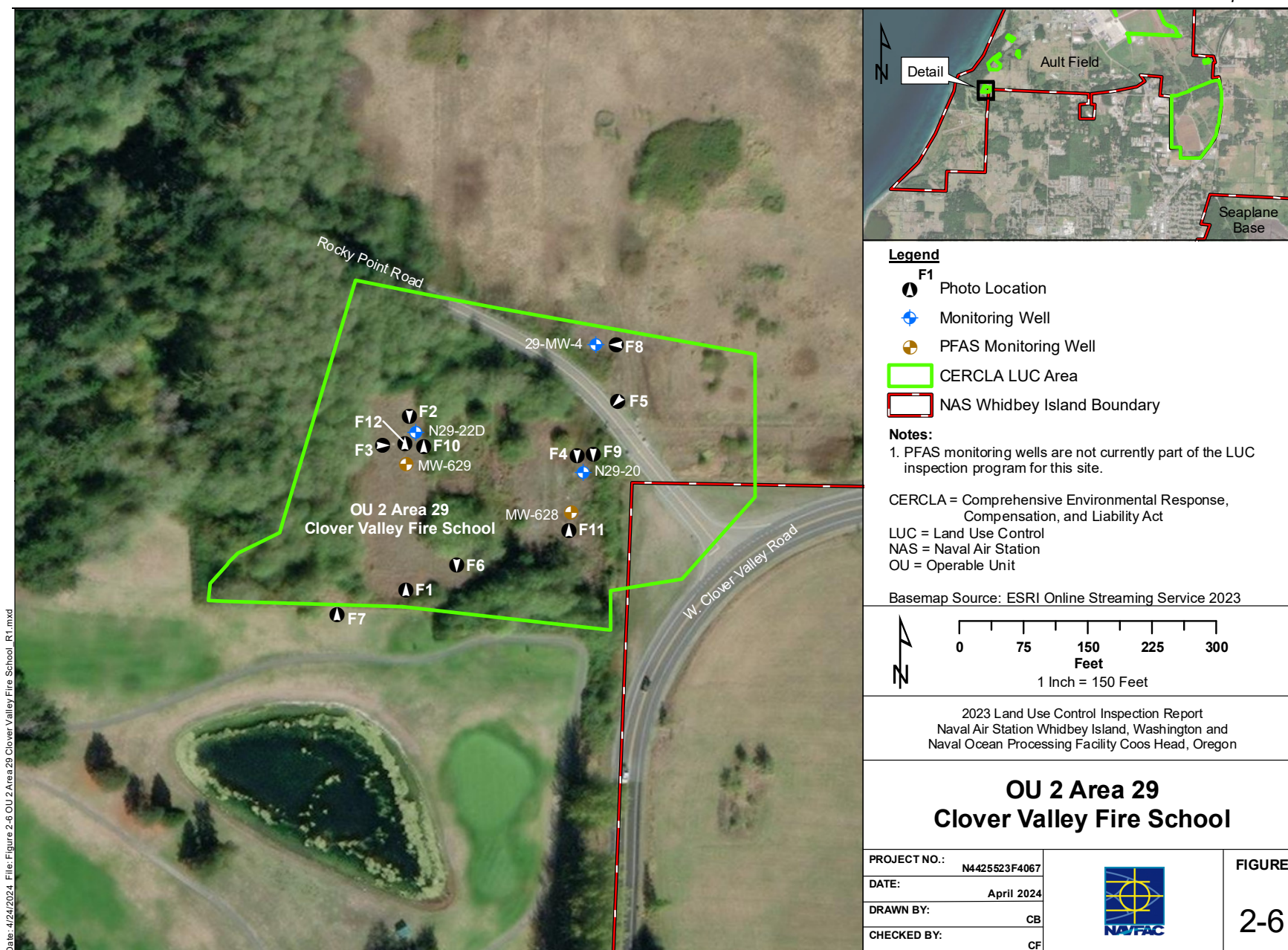
Date: 4/24/2024 File: Figure 2-4 OU 2 Area 3 1969-1970 Landfill R0.mxd

This page is intentionally blank.



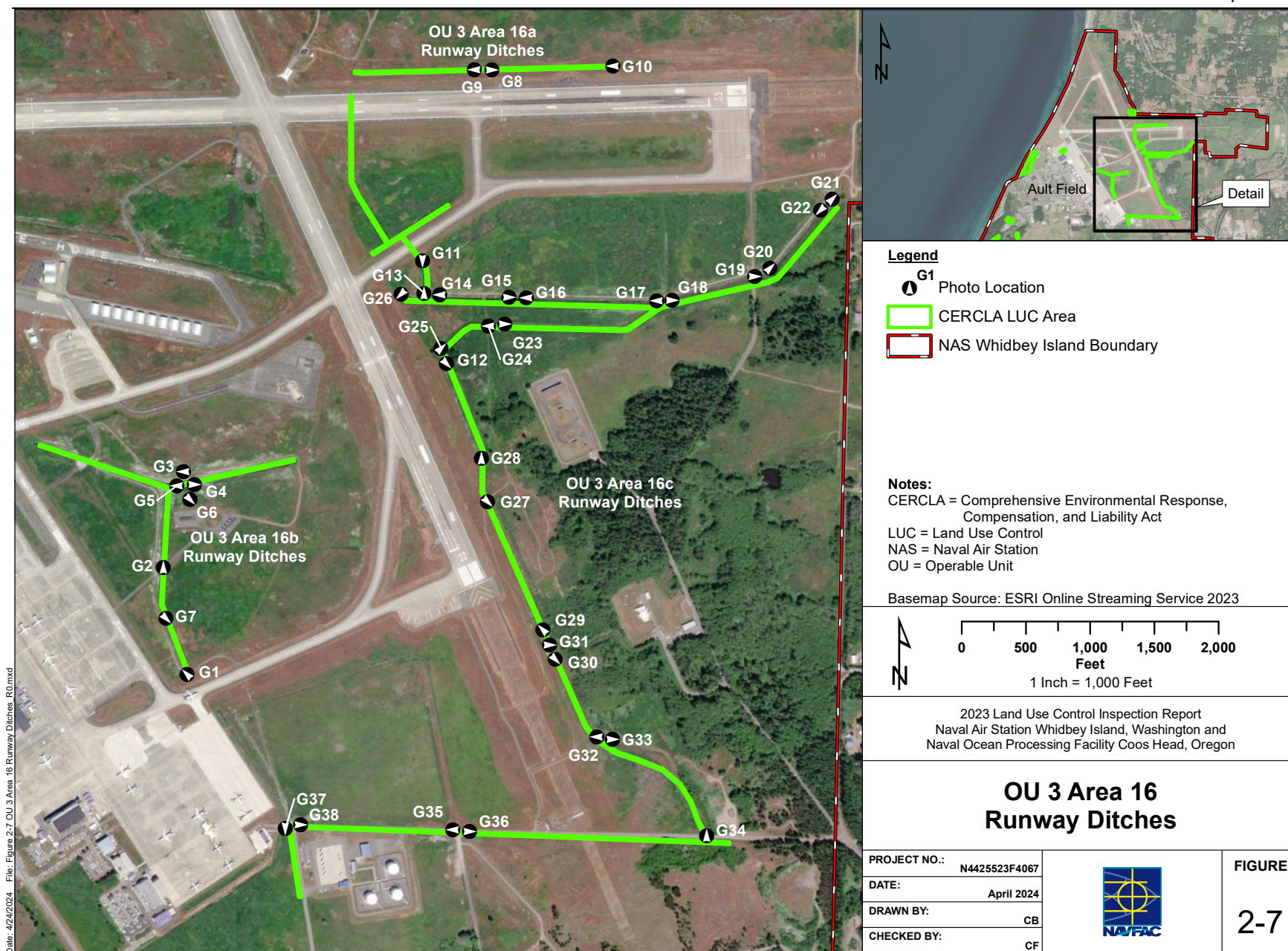
Date: 4/24/2024 File: Figure 2-5 OU 2 Area 4 Walker Barn Storage Site R0.mxd

This page is intentionally blank.



Date: 4/24/2024 File: Figure 2-6 OU 2 Area 29 Clover Valley Fire School_R1.mxd

This page is intentionally blank.



Date: 4/24/2024 File: Figure 2-7 OU 3 Area 16 Runway Ditches R0.mxd

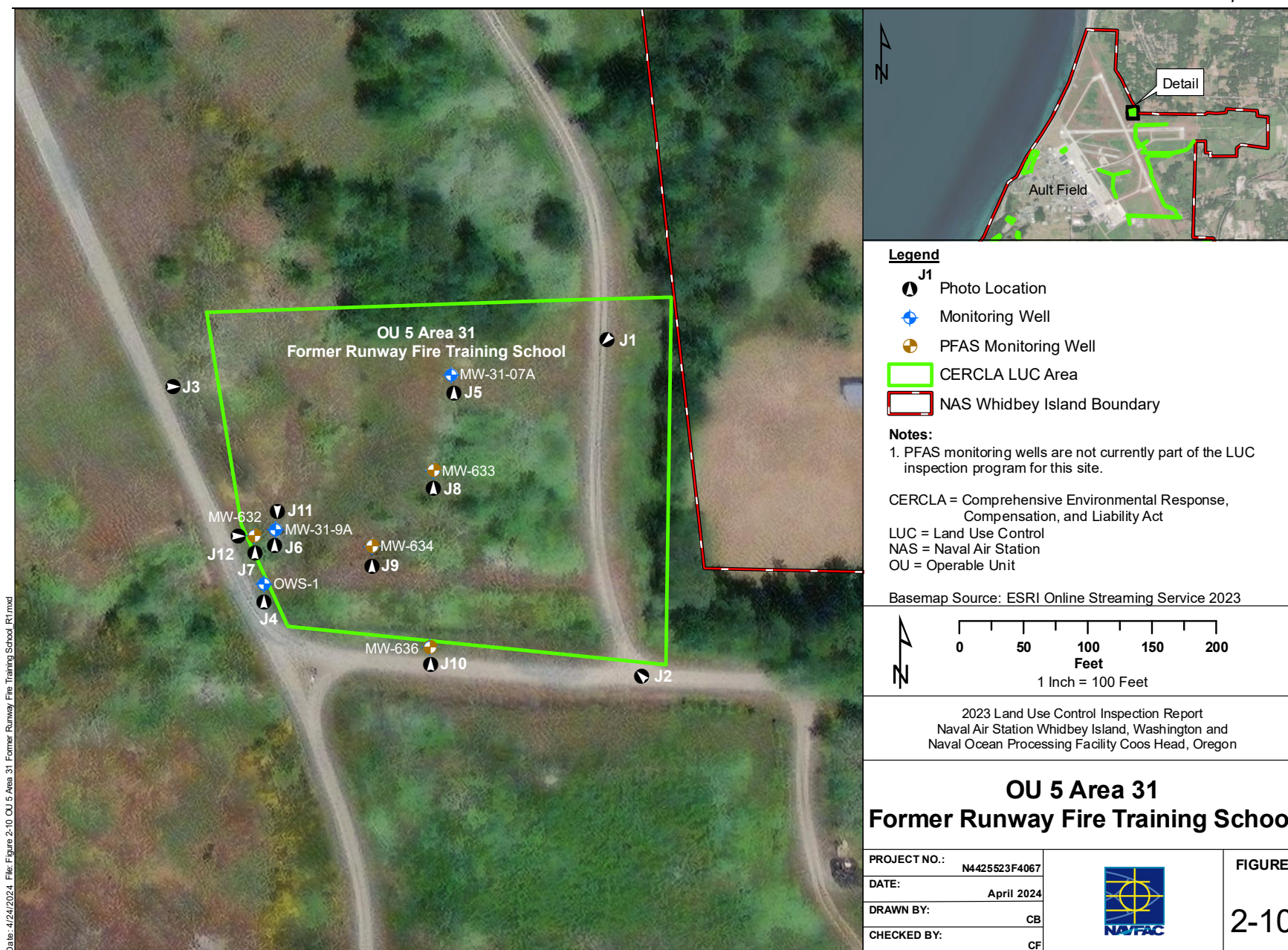
This page is intentionally blank.



This page is intentionally blank.

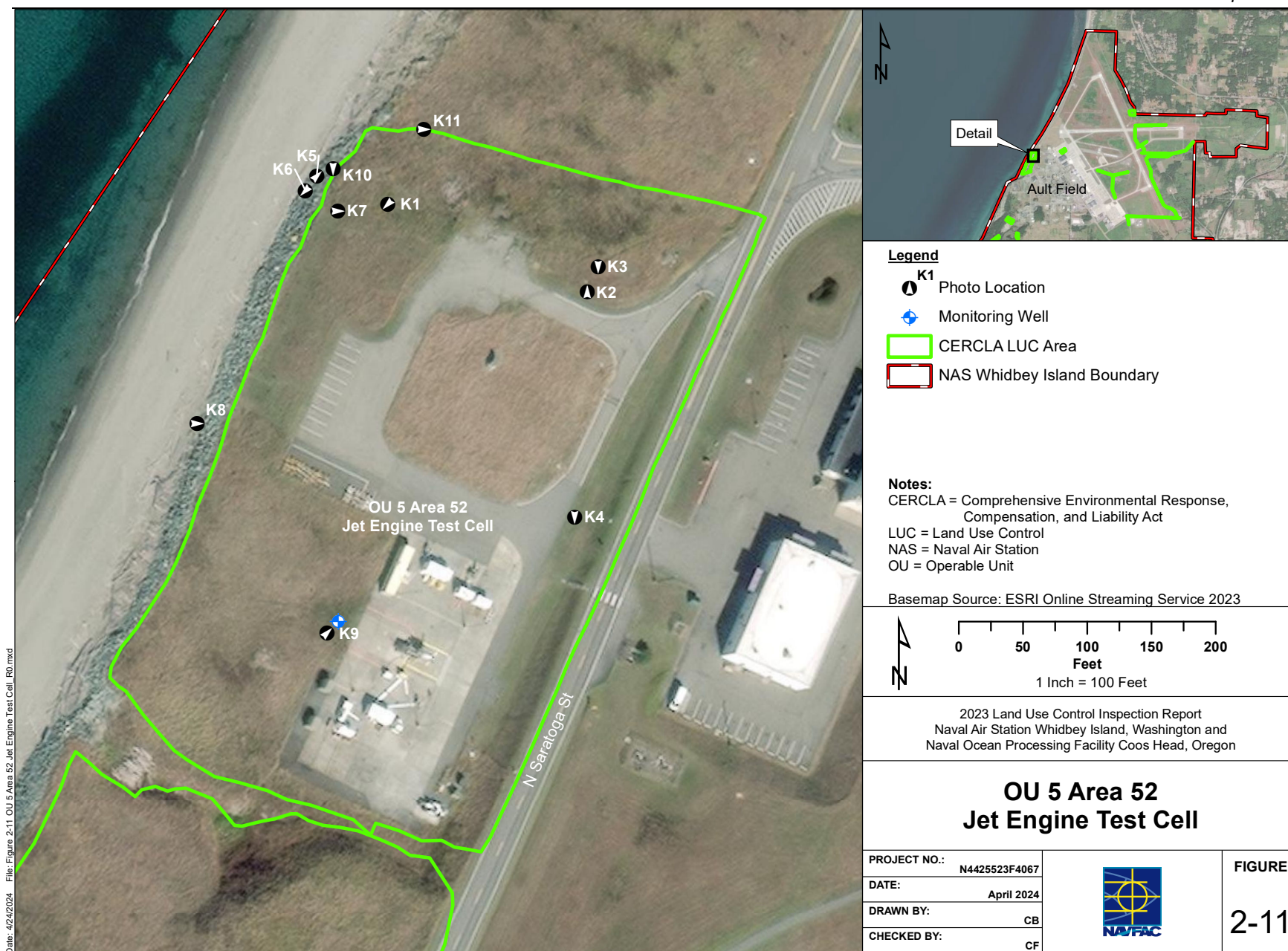


This page is intentionally blank.



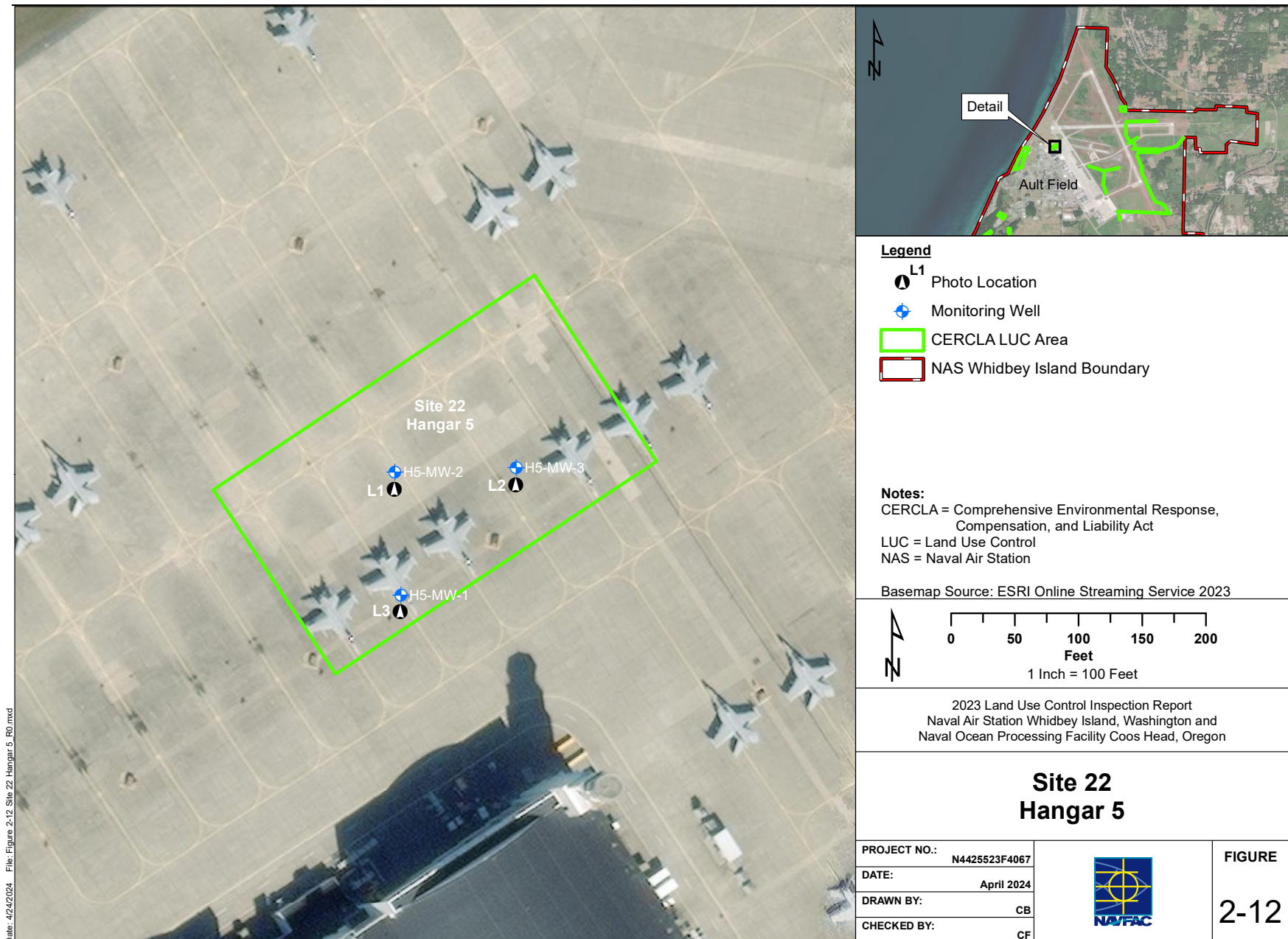
Date: 4/24/2024 File: Figure 2-10 OU 5 Area 31 Former Runway Fire Training School R1.mxd

This page is intentionally blank.



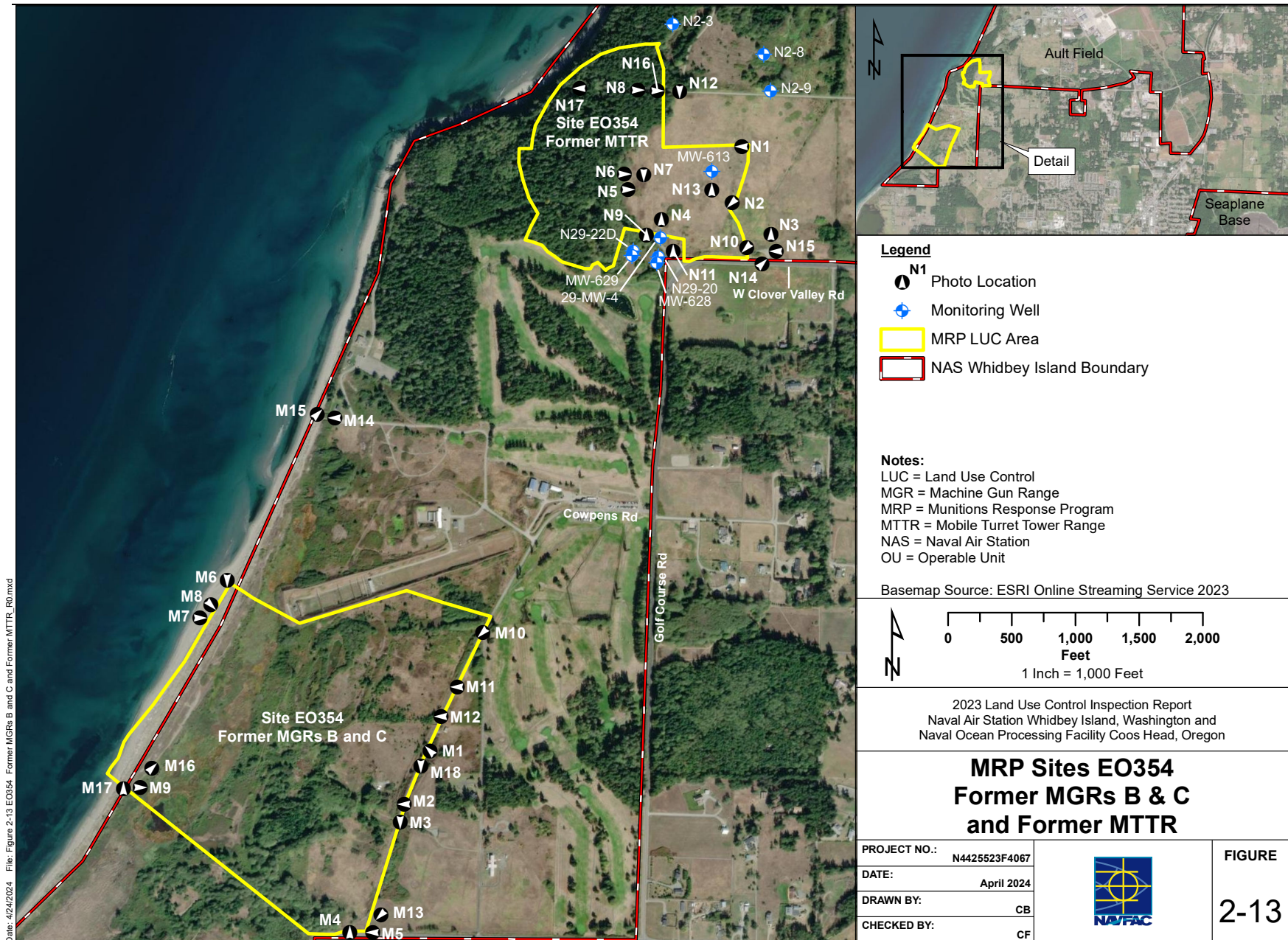
Date: 4/24/2024 File: Figure 2-11 OU 5 Area 52 Jet Engine Test Cell R0.mxd

This page is intentionally blank.



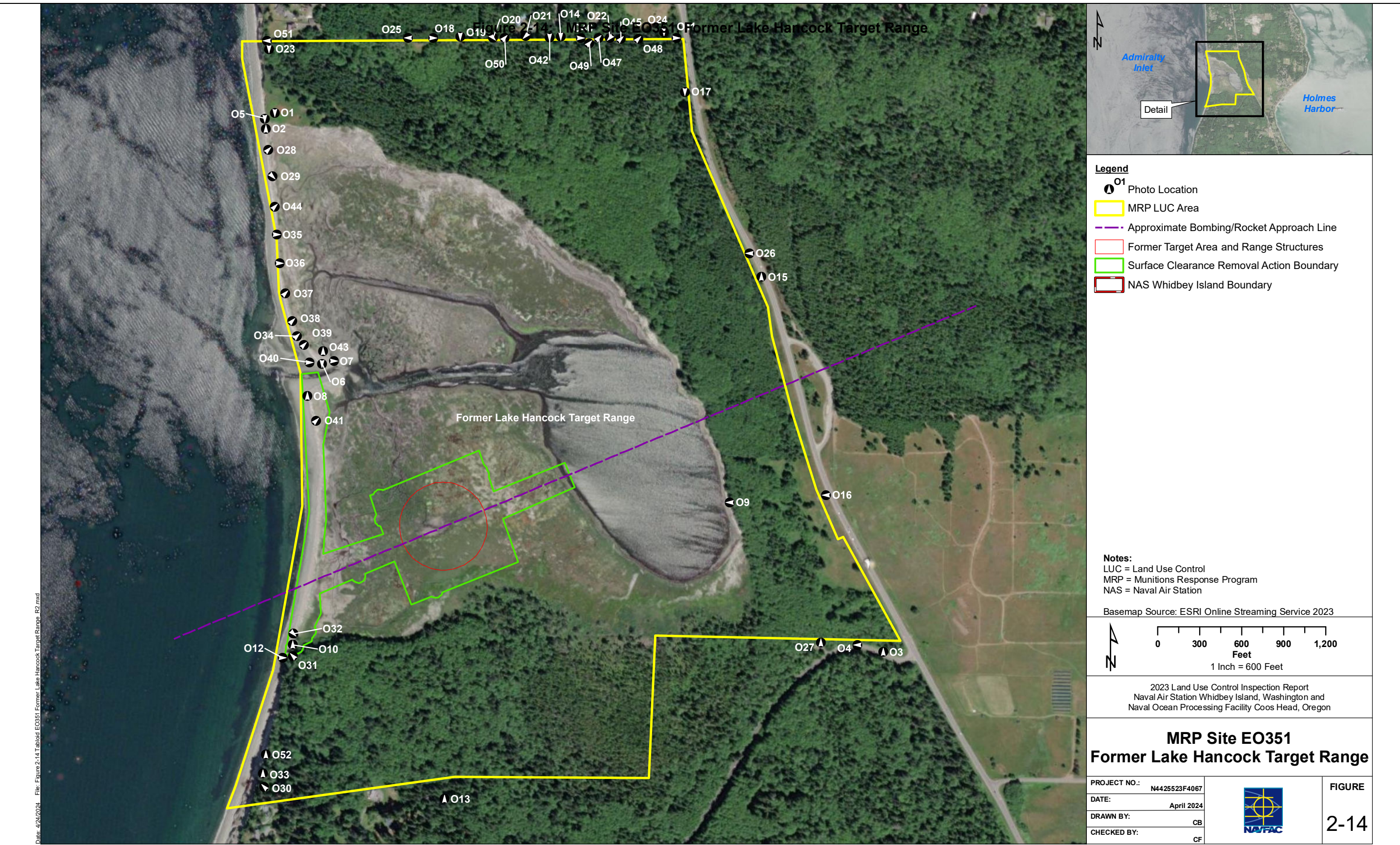
Date: 4/24/2024 File: Figure 2-12 Site 22 Hangar 5_R0.mxd

This page is intentionally blank.

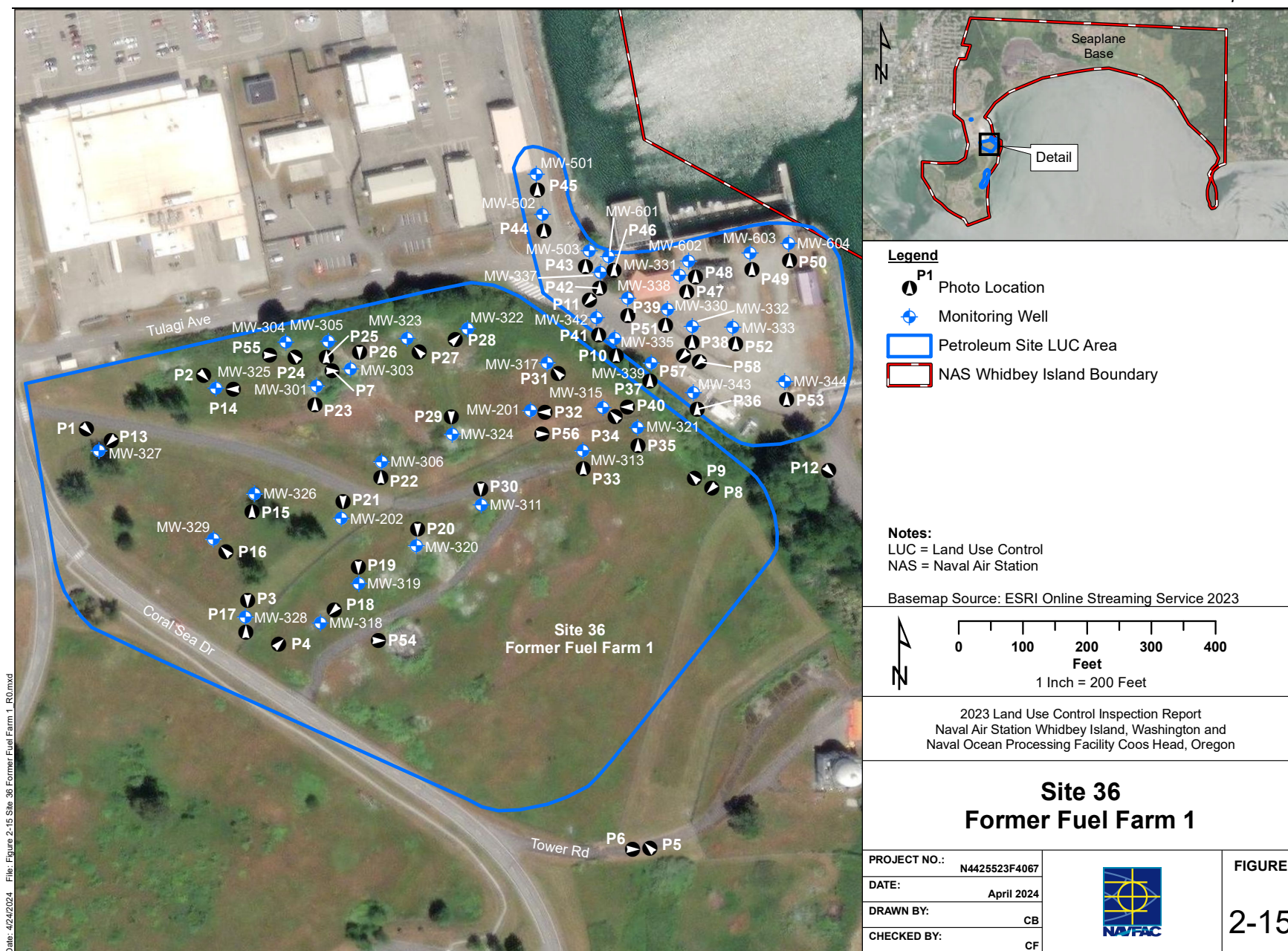


Date: 4/24/2024 File: Figure 2-13 EO354, Former MGRs B and C and Former MTTR_R0.mxd

This page is intentionally blank.



This page is intentionally blank.

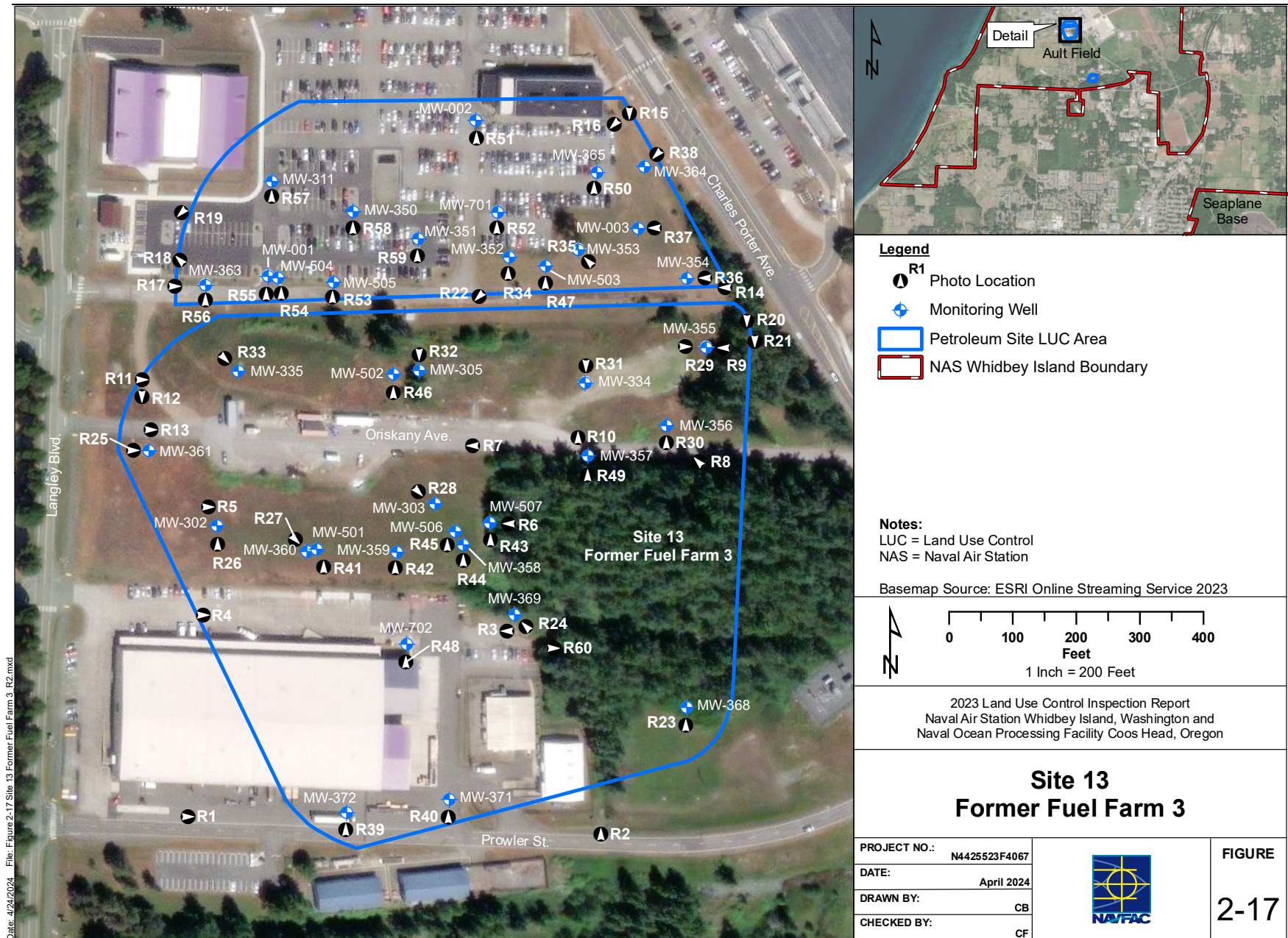


Date: 4/24/2024 File: Figure 2-15 Site 36 Former Fuel Farm 1 R0.mxd

This page is intentionally blank.

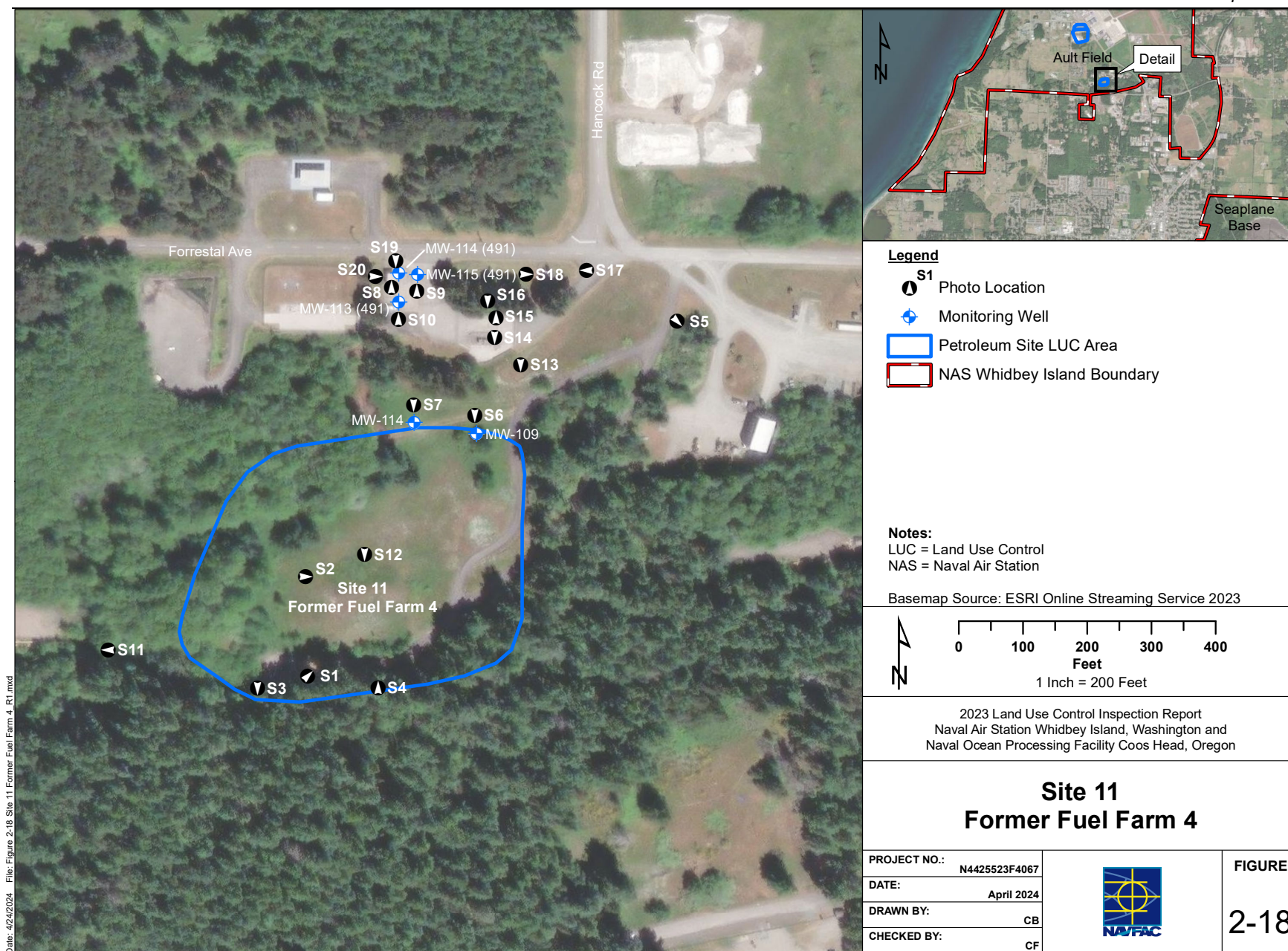


This page is intentionally blank.



Date: 4/24/2024 File: Figure 2-17 Site 13 Former Fuel Farm 3 R2.mxd

This page is intentionally blank.



Date: 4/24/2024 File: Figure 2-18 Site 11 Former Fuel Farm 4_R1.mxd

This page is intentionally blank.



Date: 4/24/2024 File: Figure 2-19 Site 45 TCE Tank_R0.mxd

This page is intentionally blank.

3.0 Summary and Recommendations

In September 2023, LUC inspections were conducted to evaluate the effectiveness of LUCs (both ICs and ECs) implemented at a total of 20 areas/sites identified in the LUCIP (Liberty JV 2020). At each area/site, visual inspections and record reviews were conducted to document the conditions of the ICs and ECs in place to verify that these LUCs remain protective of human health and the environment.

Table 3-1 summarizes the conditions at the CERCLA areas/sites, MRP sites, and State-Regulated sites based on guidance from the LUC inspection checklists (see Appendix B).

Table 3-2 summarizes the condition of signage and fencing at all sites, including those where it may be present but not explicitly required by the in-place LUCs. The information provided in Table 3-2 is for documentation purposes only and not meant to convey formal recommendations related to site-specific LUCs.

Recommended maintenance actions for the monitoring wells included in the annual LUC inspections are listed in Table D-1 of Appendix D. Future maintenance will be performed as program funding permits, with funding prioritization based on potential risk to human health and the environment.

Overall, it is recommended that, based on the 2023 findings/observations and noteworthy level of activity at NAS Whidbey Island, the LUC inspections continue on an annual basis at OU 1 Area 6 and OU 4 Areas 48/49 and be reduced to every other year at all other areas/sites. To implement this, a five-year review recommendation will be made and an amended LUCIP will be prepared.

This page is intentionally blank.

Table 3-1: Summary of Land Use Control Inspection Checklist Findings at Specified Areas/Sites of NAS Whidbey Island

Checklist Summary of LUCs	CERCLA Areas												MRP Sites			Petroleum Sites				
	OU 1 Area 5, Highway 20/Hoffman Road (Surface) Landfill	OU 1 Area 6, Current (1969-1980s) Landfill	OU 2 Area 2, Western Highlands Landfill	OU 2 Area 3, 1969–1970 Landfill	OU 2 Area 4, Walker Barn Storage Area	OU 2 Area 29, Clover Valley Fire School	OU 3 Area 16, Runway Ditches	OU 4 Areas 48/49, Seaplane Base Landfill	OU 5 Area 1, Former Beach Landfill	OU 5 Area 31, Former Runway Fire Training School	OU 5 Area 52, Jet Engine Test Cell	Site 22, Hangar 5	MRP Site EO354, Former Machine Gun Ranges B and C	MRP Site EO354, Former Mobile Turret Tower Range	MRP Site EO351, Former Lake Hancock Target Range	Site 36, Former Fuel Farm 1	Site 35, Former Fuel Farm 2	Site 13, Former Fuel Farm 3	Site 11, Former Fuel Farm 4	Site 45, TCE Tank
Land Use Consistent with Requirement?	⊙	⊙	⊙	⊙	⊙	—	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
On-site or Downgradient Groundwater Well Installation or Use Since Last Inspection?	⊙	⊙	⊙	⊙	⊙	⊙	—	—	⊙	⊙	⊙	⊙	—	—	—	⊙	⊙	⊙	⊙	—
Groundwater Monitoring Network in Good Condition?	—	⊙	⊙	⊙	⊙	⊙	—	—	⦿	⊙	⊙	⊙	—	—	—	⦿	⊙	⊙	⊙	—
Evidence of Ground Disturbance via Digging and/or Construction Activities?	⊙	⊙	⊙	⊙	—	—	—	⊙	⊙	—	—	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	—
Soil Cover Intact and Effective?	—	⦿	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Access Control Maintained?	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⦿	⊙	—	—	—	—
Signage Intact and Readable?	—	—	—	—	—	—	—	—	—	—	—	—	—	—	⊙	—	—	—	—	—

Notes:
⊙ = LUC checklist item met.
⦿ = LUC checklist item partially met.
⦿ = LUC checklist item not met.
“—” = LUC not applicable to this area/site

This page is intentionally blank.

Table 3-2: Summary of Signage and Fencing at Specified Areas/Sites of NAS Whidbey Island

	CERCLA Areas												MRP Sites			Petroleum Sites				
	OU 1 Area 5, Highway 20/Hoffman Road (Surface) Landfill	OU 1 Area 6, Current (1969-1980s) Landfill	OU 2 Area 2, Western Highlands Landfill	OU 2 Area 3, 1969–1970 Landfill	OU 2 Area 4, Walker Barn Storage Area	OU 2 Area 29, Clover Valley Fire School	OU 3 Area 16, Runway Ditches	OU 4 Areas 48/49, Seaplane Base Landfill	OU 5 Area 1, Former Beach Landfill	OU 5 Area 31, Former Runway Fire Training School	OU 5 Area 52, Jet Engine Test Cell	Site 22, Hangar 5	MRP Site EO354, Former Machine Gun Ranges B and C	MRP Site EO354, Former Mobile Turret Tower Range	MRP Site EO351, Former Lake Hancock Target Range	Site 36, Former Fuel Farm 1	Site 35, Former Fuel Farm 2	Site 13, Former Fuel Farm 3	Site 11, Former Fuel Farm 4	Site 45, TCE Tank
Signs Present?	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N
Signs required by LUCs?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	N	N	N	N	N
Signage comments	Good condition	Good condition	Good condition	Good condition, 1 sign obscured	Good condition	1 obscured and 1 faded of 3	–	Multiple faded and damaged	1 of 4 faded	Good condition	Good condition	–	3 faded and 1 missing on beach of 8	1 damaged, 1 faded of 6	1 missing of 44	Good condition	1 sign damaged	Good condition	Good condition	–
Fencing Present?	Y	Y	N	N	N	Y	N	N	N	N	N	N	Y	Y	Y	Y	N	N	N	N
Fencing required by LUCs?	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	N	N	N	N
Fencing comments	Partially fenced, otherwise blocked by vegetation	Fully fenced, some damage	Site within Ault Field	Site within Ault Field	Site within Ault Field	Fully fenced, good condition	Site within Ault Field flightline	Site within Seaplane Base	Site within Ault Field	Site within Ault Field flightline	Site within Ault Field	Site within Ault Field flightline	Partially fenced, partially blocked by vegetation	Fully fenced, good condition	Fully fenced, some damage	Partially fenced, good condition, site is within Seaplane Base	Site is within Seaplane Base	Site is within Ault Field	Site is within Ault Field	Site is within Seaplane Base

Notes:
This table is for Navy reference and tracking, and includes presence and condition of items that are not necessarily land use controls for a given site.

Abbreviations:
– = not applicable
N = No
Y = Yes

This page is intentionally blank.

4.0 References

- Battelle. 2020. 2019 Land Use Control Inspection Report, Naval Air Station Whidbey Island, Oak Harbor, Washington. Prepared for NAVFAC NW under Contract No. N44255-14-D-9013 Task Order No. N44225519F4057. September.
- Liberty JV. 2020. Land Use Controls Implementation Plan, Naval Air Station Whidbey Island, Oak Harbor, Washington, and Naval Ocean Processing Facility Coos Head, Charleston, Oregon. Prepared for NAVFAC NW under Contract No. N44255-14-D-9013 Task Order No. X067. December.
- Liberty JV. 2021. 2020 Land Use Controls Inspection Report, Naval Air Station Whidbey Island, Oak Harbor, Washington. Contract No. N44255-20-D-5006. Delivery Order No. N4425521F4104. June.
- Liberty JV. 2022. 2021 Land Use Controls Inspection Report, Naval Air Station Whidbey Island, Oak Harbor, Washington. Prepared for NAVFAC NW under Contract No. N44255-20-D-5006. Task Order No. N4425521F4104. April.
- Liberty JV. 2023a. 2023 Land Use Controls Inspection Work Plan, Naval Air Station Whidbey Island, Oak Harbor, Washington, and Naval Ocean Processing Facility Coos Head, Charleston, Oregon. Prepared for NAVFAC NW under Contract No. N44255-20-D-5006, Task Order No. N4425523F4067. September.
- Liberty JV. 2023b. 2022 Land Use Controls Inspection Report, Naval Air Station Whidbey Island, Oak Harbor, Washington, and Naval Ocean Processing Facility Coos Head, Charleston, Oregon. Prepared for NAVFAC NW under Contract No. N44255-20-D-5006; Task Order No. N4425522F4111. May.
- Multi-Media Environmental Compliance (MMEC) Group and AECOM. 2016. *Soil and Groundwater Sampling Results*, Hangar 5, Naval Air Station Whidbey Island, Oak Harbor, Washington. April.
- Tetra Tech, Inc. (Tetra Tech). 2018. Remedial Action Completion Report (RACR) Whidbey Island Extent Shoreline Erosion Protection System south in Area 1, Naval Air Station Whidbey Island, Washington. Prepared for NAVFAC NW under Contract No. N62473-13-D-4808 Task Order No. JP06. January.
- United States Census Bureau (U.S. Census Bureau). 2023. QuickFacts, Oak Harbor City, Washington. Accessed October 27, 2023.
<https://www.census.gov/quickfacts/oakharborcitywashington>.

- United States Department of the Navy (Navy). 2007. Explanation of Significant Differences to the Records of Decision for Operable Units 1, 2, 3, 4, & 5 at Naval Air Station Whidbey Island. Prepared by Naval Facilities Engineering Command Northwest. Silverdale, Washington. December.
- . 2013a. Action Memorandum, Former Aviation Fleet Gunnery School, Naval Air Station Whidbey, Oak Harbor, Washington. Prepared by Naval Facilities Engineering Command Northwest. Silverdale, Washington. July.
- . 2013b. Revised Cleanup Action Plan, NAS Whidbey Island, Closed Former Fuel Farms 1, 2, 3 and Fire Training Area. Prepared by Naval Facilities Engineering Command Northwest. Silverdale, Washington. March.
- . 2013c. Addendum, Independent Remedial Action Closure Reports NAS Whidbey Island: Former Fuel Farm 4 and Building 491, Site 11. March. Silverdale, Washington.
- . 2015. Memorandum to File, Documentation of Response Complete for Installation Restoration Site 45 at Naval Air Station Whidbey Island, Washington. Prepared by Naval Facilities Engineering Command Northwest. Silverdale, Washington. April.
- . 2016. Record of Decision for Former Lake Hancock Target Range, NAS Whidbey Island, Whidbey Island, Washington. September.
- . 2019a. Record of Decision Amendment No. 1, Operable Unit 1, Area 6. NASWI, Oak Harbor, Washington. Prepared under Contract No. N62742-12-D-1829. September.
- . 2019b. Land Use Controls/Institutional Controls Plan for Former Tank #6, Coos Head NOPF, Charleston, Oregon.
- . 2022. *Combined Waste Management Plan and Environmental Protection Plan, Area 6 and Current Fire Training Area Remedial Investigations and the Ault-Field Baseline Groundwater Model*, NAS Whidbey Island, Oak Harbor, Washington. April.
- URS Consultants, Inc. (URS). 2013. Engineering Evaluation/Cost Analysis, Former Aviation Fleet Gunnery School, Naval Air Station Whidbey Island, Washington. Prepared for Naval Facilities Engineering Command Northwest under Contract No. N44255-05-D-4001, Delivery Order 0049. January.
- . 2014. *Land Use Controls Implementation Plan*, NAS Whidbey Island, Oak Harbor, Washington. Prepared for Naval Facilities Engineering Command Northwest under Contract No. N44255-05 D-4001, Delivery Order 0056. March.

- U.S. Department of the Navy, Washington State Department of Ecology, and U.S. Environmental Protection Agency (Navy, Ecology, and EPA). 1993a. Record of Decision, Operable Unit 1, Naval Air Station Whidbey Island, Oak Harbor, Washington. Prepared by URS Consultants, Inc., for Engineering Field Activity, Northwest. Dated December 15, 1993, and executed December 20, 1993.
- . 1993b. Record of Decision, Seaplane Base, Operable Unit 4, Naval Air Station Whidbey Island. Prepared for Engineering Field Activity, Northwest under U.S. Navy CLEAN Contract No. N62474-89-D-9295, Contract Task Order No. 0042. Dated December 15, 1993, and executed December 20, 1993.
- . 1994. Record of Decision, Ault Field, Operable Unit 2, Naval Air Station Whidbey Island. Prepared under U.S. Navy CLEAN Contract No. N62474-89-D-9295, Task Order No. 0054. Dated April 26, 1994, and executed June 2, 1994.
- . 1995. Record of Decision, Ault Field, Operable Unit 3, Naval Air Station Whidbey Island. Prepared under U.S. Navy CLEAN Contract No. N62474-89-D-9295, Task Order No. 0054. Dated March 29, 1995, and executed April 14, 1995.
- . 1996. Record of Decision, Operable Unit 5, Naval Air Station Whidbey Island, Oak Harbor, Washington. Prepared by URS Consultants, Inc., for Engineering Field Activity, Northwest under U.S. Navy CLEAN Contract No. N62474-89-D-9295, Task Order No. 0162. Dated May 21, 1996, and executed July 10, 1996.

This page is intentionally blank.

Appendix A:
NOPF Coos Head LUC Inspection Checklist

This page is intentionally blank.

Land-Use Controls Inspection Checklist
Naval Ocean Processing Facility
Coos Head, Charleston, Oregon

Inspected by:
Yorick Wahaus

Land uses:
NOPF

Date of inspection:
19-July-2023

Land users:
NOPF Coos Head

Inspector's Checklist	Y/N	Comments
Are signs indicating that trespassing is prohibited intact and legible?	Yes	
Has there been any land use activities changes at the NOPF?	No	
Have water wells been installed, except those for monitoring or remedial action purposes?		"No wells have been installed."
Interviewee: Payton Wittner	Date: 29Jun23	Site OIC/System Engineer
For the former UST area, have activities that involve digging and construction within this area been notified of the potential for encountering petroleum contamination?		"The crew working out here previously has been informed of the existence of the abandoned sparge wells, and the petroleum contamination."
Interviewee: Payton Wittner	Date: 29Jun23	Site OIC/System Engineer
Has facility security and access been maintained (have security procedures for base entry served to maintain restricted access)?		"Yes"
Interviewee: Payton Wittner	Date: 29Jun23	Site OIC/System Engineer
Has access to Former Tank #6 Site, UST002 been maintained (have security procedures for base entry served to maintain a restricted access)?		"Yes"
Interviewee: Payton Wittner	Date: 29Jun23	Site OIC/System Engineer

This page is intentionally blank.



This page is intentionally blank.

Appendix B: LUC Inspection Checklists

This page is intentionally blank.



NAS Whidbey Island
Oak Harbor, WA
OU 1, Area 5: Hoffman Road Landfill

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/25/2023

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities and playgrounds.

Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

Prevent installation of on-site drinking water wells.

Deed restrictions in future property deeds.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

Site includes gate at entrance, but not fully fenced

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN FOLLOWED.

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA
☒ YES ☐ NO ☐ NA
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

FINDINGS:

ADDITIONAL COMMENTS:

West and southwest boundaries unfenced, though bordered by steep sloped and/or heavily wooded areas. Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE:

Foster, Chelsea (USCF715440)

Digitally signed by Foster, Chelsea (USCF715440)
Date: 2023.10.26 16:14:43 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 1, Area 6: Current (1969-1980s)
Landfill

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 9/22/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities and playgrounds.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans. Protect existing monitoring wells.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation as approved by U.S. EPA and Ecology.

Review the Island County Public Health Hydrogeology Datasystem biannually for well installation activities and/or groundwater use within the 1-mile buffer of Area 6.

Prevention of any disturbance to the landfill cap, except as necessary for authorized cap maintenance activities.

Prevent installation of on-area drinking water wells by deed restrictions in future property deeds.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?
INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

In-progress construction of Western treatment plant upgrades

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIENT WELL INSTALLATION OR GROUNDWATER USE?
INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIENT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)
INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ YES ☒ NO
☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

well database

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)
INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

Some maintenance recommended

NAS Whidbey Island, Oak Harbor, WA

OU 1, Area 6: Current (1969-1980s) Landfill

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN FOLLOWED.

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

- ☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

Excavation associated with construction activities for treatment plant upgrades.

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE THAT THE LANDFILL CAP INTEGRITY HAS BEEN COMPROMISED?

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

- ☒ YES ☐ NO ☐ NA
☒ YES ☐ NO ☒ NA
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Site is surrounded by a fence with a locked gate that is only open when workers are present on-site.
Signage is not a land use control in this area but signs are present at some locations around the site.

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:15:24 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 2, Area 2: Western Highlands
Landfill

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/20/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill.

Possible deed restrictions in future property deeds.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADEMENT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADEMENT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

well database

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☒ SEE WELL INSPECTION LOGS

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED.

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

Monitoring wells installed for in-progress contaminant investigation

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Signage is not a land use control in this area but signs are present at some locations around the site.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATE(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea (USCF715440)
Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:16:38 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 2, Area 3: 1969-1970 Landfill

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/20/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Use restrictions to prevent ground disturbance via digging and/or construction activities in the area of former construction debris landfill.

Possible deed restrictions in future property deeds.

Possible groundwater use restrictions if monitoring results warrant.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIENT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIENT OF THE SITE?

☐ YES ☒ NO

(ISLAND COUNTY CONTACT REQUIRED)

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

☐ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

well database

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS: Maintain paths to monitoring wells

☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED.

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS: Minor erosion on site

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE:

Foster, Chelsea (USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:17:10 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 2, Area 4: Walker Barn Storage Area

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM/DD/YY): **09/20/23**

INSPECTOR(S): **C. Foster, J. Sandige**

COMPANY: **Liberty JV**

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Possible groundwater use restrictions if groundwater monitoring warrants

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIANT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIANT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO
☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS well database
☐ SEE WELL INSPECTION LOGS

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS
☒ SEE WELL INSPECTION LOGS

FINDINGS:

Some maintenance recommended

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Signage is not a land use control in this area but signs are present at some locations around the site.

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: **Foster, Chelsea**
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:17:28 -07'00'



NAS Whidbey Island
Oak Harbor, WA
OU 2, Area 29: Clover Valley Fire
School

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/24/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.
No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.
Protect existing monitoring wells.
Possible LUCs, if groundwater monitoring warrants

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION? ☐ YES ☒ NO
INSPECTION PERFORMED? (CHECK ALL THAT APPLY) ☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIANT WELL INSTALLATION OR GROUNDWATER USE? ☐ YES ☒ NO
INSPECTION PERFORMED? (CHECK ALL THAT APPLY) ☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIANT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED) ☐ YES ☒ NO
INSPECTION PERFORMED? (CHECK ALL THAT APPLY) ☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER
☒ WELL INSPECTIONS well database
☒ SEE WELL INSPECTION LOGS

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS) ☒ YES ☐ NO
INSPECTION PERFORMED? (CHECK ALL THAT APPLY) ☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED. ☐ YES ☒ NO
INSPECTION PERFORMED? (CHECK ALL THAT APPLY) ☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

Surficial erosional impacts

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)? ☒ YES ☐ NO ☐ NA
IS SIGNAGE INTACT AND READABLE? ☐ YES ☒ NO ☐ NA
INSPECTION PERFORMED (CHECK ALL THAT APPLY) ☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Signage faded and obscured

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:17:56 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 3, Area 16: Runway Ditches

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/26-27/2023

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.
Limit adjoining ditch banks to disposal of dredged sediments meeting MTCA Industrial Soils criteria and/or industrial use.
Deed restrictions for industrial use.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☐ YES ☐ NO ☒ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Airfield is secured by key card access gates, fully fenced, and patrolled.

ADDITIONAL COMMENTS:

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:18:11 -07'00'



NAS Whidbey Island
Oak Harbor, WA
OU 4, Areas 48/49: Seaplane Base
Landfill

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/21/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities and playgrounds.

Use restrictions to prevent ground disturbance via excavation or other ground disturbing activities in the area of former construction debris landfill.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN FOLLOWED.

☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

Increasing erosion along shoreline

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☐ YES ☒ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Multiple faded signs

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls. Shoreline erosion is occurring at the site. Signage is not required but is present on site.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:18:34 -07'00'



NAS Whidbey Island
Oak Harbor, WA
OU 5, Area 1: Former Beach Landfill

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM/DD/YYYY): 09/20/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Use restrictions to prevent ground disturbance via disturbance and/or construction activities in the area of former debris landfill.

Ensure that shoreline armoring is in place and functioning as intended.

Annual visual inspection of the shoreline armoring and perform repairs, if warranted.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR DOWNGRADIANT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS

FINDINGS:

☐ SEE WELL INSPECTION LOGS

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIANT OF THE SITE? (ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER
☒ WELL INSPECTIONS

well database

FINDINGS:

☐ SEE WELL INSPECTION LOGS

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE? (REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR ANNUAL ON-SITE INSPECTIONS)

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS

FINDINGS:

rusted locks, lids, and monuments

☒ SEE WELL INSPECTION LOGS

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☐ YES ☒ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Faded signage

ADDITIONAL COMMENTS:

Silt fences knocked down, multiple monitoring wells in need of maintenance due to rust.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:19:05 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 5, Area 31: Former Runway Fire
Training School

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): **09/27/23**

INSPECTOR(S): **C. Foster, J. Sandige**

COMPANY: **Liberty JV**

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans. Protect existing monitoring wells.

Use restrictions to prevent installation of drinking water wells.

Use restrictions to prevent residential development

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIANT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIANT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Airfield is secured by key card access gates, fully fenced, and patrolled.

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:20:07 -0700



NAS Whidbey Island
Oak Harbor, WA
OU 5, Area 52: Jet Engine Test Cell

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/20/2023

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

In the event of property transfer include (future) deed covenants to restrict land use and drinking water well construction.

Use restrictions to prevent installation of drinking water wells.

Use restrictions to prevent residential development.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIENT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIENT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO
☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

Well database

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☐ YES ☐ NO
☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ WELL INSPECTIONS ☒ NA
☐ SEE WELL INSPECTION LOGS

FINDINGS:

One well on-site appeared in good condition, though not routinely sampled or within scope for these inspections.

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATE(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea (USCF715440) Digitally signed by Foster, Chelsea (USCF715440)
Date: 2023.10.26 16:20:35 -07'00'



NAS Whidbey Island
Oak Harbor, WA
Site 22, Hangar 5

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/27/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN FOLLOWED.

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR DOWNGRADE WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADE OF THE SITE? (ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE? (REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☒ SEE WELL INSPECTION LOGS

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☐ YES ☐ NO ☒ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Airfield is secured by key card access gates, fully fenced, and patrolled.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea (USCF715440) Digitally signed by Foster, Chelsea (USCF715440)
Date: 2023.10.26 16:21:35 -07'00'



NAS Whidbey Island
Oak Harbor, WA
MRP Site: Former MGRs B & C

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/24/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that site is used for non-residential purposes only; non-residential land uses may include recreational, industrial, commercial, office, and educational uses.

Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/

☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN FOLLOWED.

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/

☒ SECURITY CHECK ☐ OTHER

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/

☐ SECURITY CHECK ☐ OTHER

FINDINGS:

Some faded signs, one sign missing on beach.

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:21:48 -07'00'



NAS Whidbey Island
Oak Harbor, WA
MRP Site: Former MTTR

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/24/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that site is used for non-residential purposes only; non-residential land uses may include recreational, industrial, commercial, office, and educational uses.

Ensure that all disturbed or excavated soils at or from the area are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN FOLLOWED.

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA
☐ YES ☒ NO ☐ NA
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

FINDINGS:

Damaged signs

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls. IDW and lay down area has been cleaned up and most containers removed.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:22:02 -0700



NAS Whidbey Island
Oak Harbor, WA
MRP Site: Former Lake Hancock
Target Range

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/21/2023

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that site is used for military purposes only.

Ensure UXO support during intrusive/construction, ground-disturbing activities (up to 10 feet below ground surface).

Ensure perimeter fencing is intact to restrict access to site.

Ensure signage is intact and readable, designating site as a restricted access area and potential UXO area.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF INTRUSIVE/
CONSTRUCTION, GROUND-DISTURBING ACTIVITIES? IF SO, DETERMINE IF
SITE APPROVAL PROCESS HAS BEEN FOLLOWED AND UXO SUPPORT WAS
PROVIDED.

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Crane mobilization was taking place during inspection. UXO support was in-place for the work.

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA
☐ YES ☒ NO ☐ NA
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

FINDINGS:

Some destroyed and missing signage. Site is fully fenced with the exception of the shoreline. All gates are locked.

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:22:21 -0700



NAS Whidbey Island
Oak Harbor, WA
Former Fuel Farm 1, Site 36

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/23/2023

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains industrial with restricted recreational land use limited to the Upper Area along paved footpaths with traffic confined to specific areas, signs, and barrier vegetation and along paved athletic areas.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Ensure that all disturbed or excavated soils at or from the site are properly categorized and disposed of, and that workers are protected during any such disturbance or excavation

Maintain controlled access and security fencing for Tank 226 and the Resource Conservation and Recovery Act satellite accumulation point.

Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIENT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS well database
☐ SEE WELL INSPECTION LOGS

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIENT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO
☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS well database
☐ SEE WELL INSPECTION LOGS

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ WELL INSPECTIONS
☒ SEE WELL INSPECTION LOGS

FINDINGS: Some well maintenance needed

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED.

☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

Fissure in upper area

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA
☒ YES ☐ NO ☐ NA
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

FINDINGS:

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATE(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE:

Foster, Chelsea (USCF715440)

Digitally signed by Foster, Chelsea (USCF715440)
Date: 2023.10.26 16:22:34 -0700



NAS Whidbey Island
Oak Harbor, WA
Former Fuel Farm 2, Site 35

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/23/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains industrial with restricted recreational land use limited to the Upper Area along paved footpaths with traffic confined to specific areas, signs, and barrier vegetation and along paved athletic areas.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Ensure site signage indicating restrictions on shellfish harvesting is intact, secure and readable.

Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADE WELL INSTALLATION OR GROUNDWATER USE?
INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADE OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

- ☐ YES ☒ NO
☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER well database
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS: Mowing would make wells more easily accessible

- ☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☒ SEE WELL INSPECTION LOGS

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED.

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS: Minor surface soil disturbance (see photos)

- ☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

FINDINGS:

- ☒ YES ☐ NO ☐ NA
☐ YES ☐ NO ☒ NA
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:22:47 -0700



NAS Whidbey Island
Oak Harbor, WA
Former Fuel Farm 3, Site 13

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/25/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Prevent ground disturbance or construction activities

Deed restrictions placing limiting conditions on property conveyance; prohibiting well construction; restricting land use and construction activity; and requiring notification of EPA, Ecology, or their designees of intent to transfer interest in the property, modify land use, or implement construction activity and the requirement of agency approvals for such actions.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADIENT WELL INSTALLATION OR GROUNDWATER USE?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER
☒ WELL INSPECTIONS

well database

FINDINGS:

☐ SEE WELL INSPECTION LOGS

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADIENT OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☐ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER
☒ WELL INSPECTIONS

well database

FINDINGS:

☐ SEE WELL INSPECTION LOGS

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

☒ YES ☐ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS

FINDINGS: Some well maintenance needed

☒ SEE WELL INSPECTION LOGS

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED.

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☒ YES ☐ NO ☐ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea (USCF715440)
Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:23:01 -07'00'



NAS Whidbey Island
Oak Harbor, WA
Former Fuel Farm 4, Site 11

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/25/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

No use of groundwater from, or downgradient of, the area except for monitoring and remediation, except as approved by U.S. EPA and Ecology.

No downgradient well drilling except for monitoring wells and/or remediation system wells authorized by U.S. EPA and Ecology in approved plans.

Protect existing monitoring wells.

Prevent ground disturbance or construction activities

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

IS THERE VISUAL EVIDENCE OF UNAUTHORIZED ON-SITE OR
DOWNGRADE WELL INSTALLATION OR GROUNDWATER USE?

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER well database
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

HAVE ANY WELL CONSTRUCTION APPLICATIONS BEEN SUBMITTED TO OR
APPROVED BY ISLAND COUNTY IN AREAS DOWNGRADE OF THE SITE?
(ISLAND COUNTY CONTACT REQUIRED)

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☒ OTHER well database
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

ARE ALL MONITORING WELLS IN GOOD CONDITION AND ACCESSIBLE?
(REFER TO COMPLETED MONITORING WELL INSPECTION CHECKLISTS OR
ANNUAL ON-SITE INSPECTIONS)

- ☒ YES ☐ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER
☒ WELL INSPECTIONS
☐ SEE WELL INSPECTION LOGS

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

IS THERE VISUAL OR ADMINISTRATIVE EVIDENCE OF EXCAVATION OR SOIL
DISTURBANCE? IF SO, DETERMINE IF SITE APPROVAL PROCESS HAS BEEN
FOLLOWED.

- ☐ YES ☒ NO
☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT
REPORTS)?

- ☒ YES ☐ NO ☐ NA
☒ YES ☐ NO ☐ NA
☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

IS SIGNAGE INTACT AND READABLE?

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

FINDINGS:

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE: Foster, Chelsea
(USCF715440)

Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:23:29 -0700



NAS Whidbey Island
Oak Harbor, WA
Site 45, TCE Tank

LAND USE CONTROLS (LUCs) INSPECTION CHECKLIST

DATE(S) (MM|DD|YY): 09/21/23

INSPECTOR(S): C. Foster, J. Sandige

COMPANY: Liberty JV

LAND USE CONTROLS:

Ensure that land use remains commercial and/or industrial, which includes a prohibition on development and use of this property for residential housing, elementary and secondary schools, child-care facilities, and playgrounds.

INSPECTION CHECKLIST

HAS SITE OR ADJACENT LAND USE CHANGED SINCE LAST INSPECTION?

☐ YES ☒ NO

INSPECTION PERFORMED? (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☐ SECURITY CHECK ☐ OTHER

FINDINGS:

HAS ACCESS CONTROL BEEN MAINTAINED (REFER TO SECURITY INCIDENT REPORTS)?

☒ YES ☐ NO ☐ NA

IS SIGNAGE INTACT AND READABLE?

☐ YES ☐ NO ☒ NA

INSPECTION PERFORMED (CHECK ALL THAT APPLY)

☒ SITE WALK ☐ INTERVIEW W/
☒ SECURITY CHECK ☐ OTHER

FINDINGS:

Additional barricades present to block vehicle access.

ADDITIONAL COMMENTS:

Site is within compliance of assigned land use controls.

I CERTIFY THAT THE CONDITIONS OF THE AREA ON THE INSPECTION DATES(S) WERE AS REPORTED ABOVE.

INSPECTOR SIGNATURE:

Foster, Chelsea (USCF715440)
Digitally signed by Foster, Chelsea
(USCF715440)
Date: 2023.10.26 16:23:42 -07'00'

This page is intentionally blank.

Appendix C: Photograph Log

This page is intentionally blank.



Site: OU 1 Area 5

A1: Site overview from northwest corner facing southeast

Date: 09/25/2023



Site: OU 1 Area 5

A2: Site overview of central site area

Date: 09/25/2023



Site: OU 1 Area 5

A3: Site overview of central site area

Date: 09/25/2023



Site: OU 1 Area 5

A4: Site overview of southeastern corner, and stockpiles with native vegetation

Date: 09/25/2023



Site: OU 1 Area 5

A5: Site overview from south site boundary

Date: 09/25/2023



Site: OU 1 Area 5

A6: Site overview from southwest corner facing northeast

Date: 09/25/2023



Site: OU 1 Area 5

A7: Site overview from western boundary facing east

Date: 09/25/2023



Site: OU 1 Area 5

A8: Gate and signage on west side of site, facing east

Date: 09/25/2023



Site: OU 1 Area 5

A9: Signage on road south of site

Date: 09/25/2023



Site: OU 1 Area 5

A10: Overgrown fencing and commercial area east of site

Date: 09/25/2023



Site: OU1 Area 6

B1: Fence line:
Northwest corner facing
south along western
boundary

Date: 09/22/2023



Site: OU1 Area 6

B2: Site overview south
site area, facing east

Date: 09/22/2023



Site: OU1 Area 6

B3: Site overview west site area, facing north

Date: 09/22/2023



Site: OU1 Area 6

B4: Site overview from southwest of landfill, facing northwest

Date: 09/22/2023



Site: OU1 Area 6

B5: Site overview from southwest of landfill, facing north

Date: 09/22/2023



Site: OU1 Area 6

B6: Site overview from southwest of landfill, facing east

Date: 09/22/2023



Site: OU1 Area 6

B7: Site overview
southwest corner,
facing north

Date: 09/22/2023



Site: OU1 Area 6

B8: Site overview
southwest corner,
facing east

Date: 09/22/2023



Site: OU1 Area 6

B9: Site overview
southeast corner of site,
facing west

Date: 09/22/2023



Site: OU1 Area 6

B10: Site overview
southeast corner of site,
adjacent to MW-3B,
and repaired gate

Date: 09/22/2023



Site: OU1 Area 6

B11: Site overview
south end of site with
barriers and signage,
facing west

Date: 09/22/2023



Site: OU1 Area 6

B12: South side of
landfill facing east

Date: 09/22/2023



Site: OU1 Area 6

B13: South side of landfill facing north

Date: 09/22/2023



Site: OU1 Area 6

B14: Landfill cap overview from west side, facing east

Date: 09/22/2023



Site: OU1 Area 6

B15: Landfill cap
overview from west
side, facing north

Date: 09/22/2023



Site: OU1 Area 6

B16: Landfill cap
overview from west
side, facing southeast

Date: 09/22/2023



Site: OU1 Area 6

B17: Northwest side of landfill, facing north

Date: 09/22/2023



Site: OU1 Area 6

B18: Northwest side of landfill, facing east

Date: 09/22/2023



Site: OU1 Area 6

B19: Southern GETR system

Date: 09/22/2023



Site: OU1 Area 6

B20: Southeast side of landfill, facing northeast

Date: 09/22/2023



Site: OU1 Area 6

B21: Site overview
central east perimeter
facing northwest

Date: 09/22/2023



Site: OU1 Area 6

B22: Site overview
facing southeast

Date: 09/22/2023



Site: OU1 Area 6

B23: Landfill cap
overview from west
side, facing south

Date: 09/22/2023



Site: OU1 Area 6

B24: Site overview
north site area, facing
northeast

Date: 09/22/2023



Site: OU1 Area 6

B25: Composting facility northeast of landfill, facing northeast

Date: 09/22/2023



Site: OU1 Area 6

B26: Composting facility, facing east

Date: 09/22/2023



Site: OU1 Area 6

B27: Northeast corner
facing south

Date: 09/22/2023



Site: OU1 Area 6

B28: Northeast corner
facing west

Date: 09/22/2023



Site: OU1 Area 6

B29: Northeast perimeter facing north along highway 20

Date: 09/22/2023



Site: OU1 Area 6

B30: Northeast perimeter facing south along highway 20

Date: 09/22/2023



Site: OU1 Area 6

B31: Gate 90 on north end of site

Date: 09/22/2023



Site: OU1 Area 6

B32: Unmarked well location

Date: 09/22/2023



Site: OU1 Area 6

B33: 6-S-7

Date: 09/22/2023



Site: OU1 Area 6

B34: 6-S-26

Date: 09/22/2023



Site: OU1 Area 6

B35: 6-S-30

Date: 09/22/2023



Site: OU1 Area 6

B36: 6-S-31

Date: 09/22/2023



Site: OU1 Area 6

B37: MW-7

Date: 09/22/2023



Site: OU1 Area 6

B38: N6-38

Date: 09/22/2023



Site: OU1 Area 6

B39: 6-S-10

Date: 09/22/2023



Site: OU1 Area 6

B40: N6-37

Date: 09/22/2023



Site: OU1 Area 6

B41: 6-S-6

Date: 09/22/2023



Site: OU1 Area 6

B42: 6-S-25

Date: 09/22/2023



Site: OU1 Area 6

B43: 6-S-29

Date: 09/22/2023



Site: OU1 Area 6

B44: 6-S-19

Date: 09/22/2023



Site: OU1 Area 6

B45: 6-S-3

Date: 09/22/2023



Site: OU1 Area 6

B46: MW-9

Date: 09/22/2023



Site: OU1 Area 6

B47: 6-S-14

Date: 09/22/2023



Site: OU1 Area 6

B48: 6-S-15

Date: 09/22/2023



Site: OU1 Area 6

B49: MW-10

Date: 09/22/2023



Site: OU1 Area 6

B50: 6-S-17

Date: 09/22/2023



Site: OU1 Area 6

B51: 6-S-16

Date: 09/22/2023



Site: OU1 Area 6

B52: 6-S-9

Date: 09/22/2023



Site: OU1 Area 6

B53: MW-13

Date: 09/22/2023



Site: OU1 Area 6

B54: MW-3B

Date: 09/22/2023



Site: OU1 Area 6

B55: 6-S-1

Date: 09/22/2023



Site: OU1 Area 6

B56: 6-S-2 from outside
the northeast perimeter
gate

Date: 09/22/2023



Site: OU1 Area 6

B57: 6-S-2

Date: 09/22/2023



Site: OU1 Area 6

B58: 6-S-24

Date: 09/22/2023



Site: OU1 Area 6

B59: 6-S-27

Date: 09/22/2023



Site: OU1 Area 6

B60: MW-5

Date: 09/22/2023



Site: OU1 Area 6

B61: Unmarked monitoring wells adjacent to 6-S-

Date: 09/22/2023



Site: OU1 Area 6

B62: PW-1 exterior

Date: 09/22/2023



Site: OU1 Area 6

B63: PW-1 vault interior

Date: 09/22/2023



Site: OU1 Area 6

B64: PW-3 exterior

Date: 09/22/2023



Site: OU1 Area 6

B65: PW-3 interior

Date: 09/22/2023



Site: OU1 Area 6

B66: PW-5 exterior

Date: 09/22/2023



Site: OU1 Area 6

B67: PW-5 interior

Date: 09/22/2023



Site: OU1 Area 6

B68: PW-6 exterior

Date: 09/22/2023



Site: OU1 Area 6

B69: PW-6 interior

Date: 09/22/2023



Site: OU1 Area 6

B70: PW-7 exterior

Date: 09/22/2023



Site: OU1 Area 6

B71: PW-7 interior

Date: 09/22/2023



Site: OU1 Area 6

B72: PW-2 exterior

Date: 09/22/2023



Site: OU1 Area 6

B73: PW-2 interior

Date: 09/22/2023



Site: OU1 Area 6

B74: PW-4 exterior

Date: 09/22/2023



Site: OU1 Area 6

B75: PW-4 interior

Date: 09/22/2023



Site: OU1 Area 6

B76: PW-9 exterior,
and drum in secondary
containment

Date: 09/22/2023



Site: OU1 Area 6

B77: PW-9 vault interior

Date: 09/22/2023



Site: OU1 Area 6

B78: PW-8 exterior

Date: 09/22/2023



Site: OU1 Area 6

B79: PW-8 interior

Date: 09/22/2023



Site: OU1 Area 6

B80: PW-10

Date: 09/22/2023



Site: OU1 Area 6

B81: Newly installed
flush mount wells

Date: 09/22/2023



Site: OU1 Area 6

B82: 6-S-43

Date: 09/22/2023



Site: OU1 Area 6

B83: 6-DW-38

Date: 09/22/2023



Site: OU1 Area 6

B84: 6-S-42

Date: 09/22/2023



Site: OU1 Area 6

B85: 6-S-40

Date: 09/22/2023



Site: OU1 Area 6

B86: 6-S-41

Date: 09/22/2023



Site: OU1 Area 6

B87: In-progress construction of the Western GETR

Date: 09/22/2023



Site: OU1 Area 6

B88: Drum stored within PW-9 fencing and secondary containment, facing south

Date: 09/22/2023



Site: OU1 Area 6

B89: Damaged section of fencing

Date: 09/22/2023



Site: OU1 Area 6

B90: Repaired fence section in the vicinity of MW-3B

Date: 09/22/2023



Site: OU1 Area 6

B91: Excavation N of landfill cap facing west

Date: 09/22/2023



Site: OU1 Area 6

B92: Utility trenching along forest road N of landfill

Date: 09/22/2023



Site: OU 2 Area 2

C1: Site overview and signage, facing west

Date: 09/20/2023



Site: OU 2 Area 2

C2: Gravel trail on west side of site

Date: 09/20/2023



Site: OU 2 Area 2

C3: Signage at
northwest corner

Date: 09/20/2023



Site: OU 2 Area 2

C4: Signage on
northwest portion of site

Date: 09/20/2023



Site: OU 2 Area 2

C5: Central site
overview and signage,
facing south

Date: 09/20/2023



Site: OU 2 Area 2

C6: Site access and
signage, facing
southeast

Date: 09/20/2023



Site: OU 2 Area 2

C7: Wells 622D and 622I, Signage on northern portion of site

Date: 09/20/2023



Site: OU 2 Area 2

C8: N2-6C

Date: 09/20/2023



Site: OU 2 Area 2

C9: N2-3

Date: 09/20/2023



Site: OU 2 Area 2

C10: N2-9

Date: 09/20/2023



Site: OU 2 Area 2

C11: N2-8

Date: 09/20/2023



Site: OU2, Area 3

D1: Site overview from southeast site area, facing north

Date: 09/20/2023



Site: OU2, Area 3

D2: Site overview from west, facing southeast

Date: 09/20/2023



Site: OU2, Area 3

D3: Site overview from northwest corner facing southeast

Date: 09/20/2023



Site: OU2, Area 3

D4: Signage in central site area

Date: 09/20/2023



Site: OU2, Area 3

D5: Signage northeast of site boundary

Date: 09/20/2023



Site: OU2, Area 3

D6: Site overview and signage in northern site area

Date: 09/20/2023



Site: OU2, Area 3

D7: Signage in central site area, facing southwest

Date: 09/20/2023



Site: OU2, Area 3

D8: 3-MW-2

Date: 09/20/2023



Site: OU2, Area 3

D9: N3-12

Date: 09/20/2023



Site: OU2, Area 3

D10: Landfill berm with
minor erosion

Date: 09/20/2023



Site: OU 2 Area 4

E1: Site overview and
signage facing east

Date: 09/20/2023



Site: OU 2 Area 4

E2: Site overview and
signage, facing
northwest

Date: 09/20/2023



Site: OU 2 Area 4

E3: Site overview and signage along southern site boundary

Date: 09/20/2023



Site: OU 2 Area 4

E4: 4-MW-3

Date: 09/20/2023



Site: OU 2 Area 4

E5: 4-MW-1

Date: 09/20/2023



Site: OU 2 Area 4

E6: Construction
laydown area within site
boundary

Date: 09/20/2023



Site: OU 2 Area 4

E7: Trenching activities
observed along Cliffside
Drive/northwestern site
boundary

Date: 09/20/2023



Site: OU 2 Area 29

F1: Site overview facing north

Date: 09/24/2023



Site: OU 2 Area 29

F2: Site overview facing south

Date: 09/24/2023



Site: OU 2 Area 29

F3: Site overview facing east

Date: 09/24/2023



Site: OU 2 Area 29

F4: Site overview facing south

Date: 09/24/2023



Site: OU 2 Area 29

F5: Signage and gate
at north end of site,
facing southwest

Date: 09/24/2023



Site: OU 2 Area 29

F6: Obscured signage

Date: 09/24/2023



Site: OU 2 Area 29

F7: Signage along southern boundary, facing north

Date: 09/24/2023



Site: OU 2 Area 29

F8: 29-MW-4

Date: 09/24/2023



Site: OU 2 Area 29

F9: N29-20

Date: 09/24/2023



Site: OU 2 Area 29

F10: N29-22D

Date: 09/24/2023



Site: OU 2 Area 29

F11: MW-628

Date: 09/24/2023



Site: OU 2 Area 29

F12: MW-629

Date: 09/24/2023



Site: OU 3 Area 16

G1: South 16b runway ditch, facing northwest

Date: 09/27/2023



Site: OU 3 Area 16

G2: Central 16b runway ditch, facing north

Date: 09/27/2023



Site: OU 3 Area 16

G3: West drainage 16b,
facing west

Date: 09/27/2023



Site: OU 3 Area 16

G4: East drainage 16,
facing east

Date: 09/27/2023



Site: OU 3 Area 16

G5: 16b runway ditch
dammed weir facing
west

Date: 09/27/2023



Site: OU 3 Area 16

G6: 16b runway ditch
weir dam facing
southeast

Date: 09/27/2023



Site: OU 3 Area 16

G7: South central 16b runway ditch, facing southeast

Date: 09/27/2023



Site: OU 3 Area 16

G8: Central 16a runway ditch, facing east

Date: 09/27/2023



Site: OU 3 Area 16

G9: Central 16a runway ditch, facing west

Date: 09/27/2023



Site: OU 3 Area 16

G10: East 16a runway ditch, facing west

Date: 09/27/2023



Site: OU 3 Area 16

G11: Northwest 16c runway ditch, facing south

Date: 09/27/2023



Site: OU 3 Area 16

G12: North 16c runway ditch secondary stem bend, facing southwest

Date: 09/27/2023



Site: OU 3 Area 16

G13: North 16c runway
ditch intersection,
facing north

Date: 09/27/2023



Site: OU 3 Area 16

G14: North 16c runway
ditch outfall, facing west

Date: 09/27/2023



Site: OU 3 Area 16

G15: North central 16c
runway ditch, facing
east

Date: 09/27/2023



Site: OU 3 Area 16

G16: North central 16c
runway ditch, facing
west

Date: 09/27/2023



Site: OU 3 Area 16

G17: Northeast 16c
runway ditch
intersection, facing west

Date: 09/27/2023



Site: OU 3 Area 16

G18: Northeast 16c
runway ditch
intersection, facing east

Date: 09/27/2023



Site: OU 3 Area 16
G19: Northeast 16c runway ditch, facing northeast
Date: 09/27/2023



Site: OU 3 Area 16
G20: Northeast 16c runway ditch, facing east
Date: 09/27/2023



Site: OU 3 Area 16

G21: Northeast 16c runway ditch, facing northeast

Date: 09/27/2023



Site: OU 3 Area 16

G22: Northeast 16c runway ditch, eastern and culvert, facing southwest

Date: 09/27/2023



Site: OU 3 Area 16

G23: North 16c runway
ditch secondary stem,
facing east

Date: 09/27/2023



Site: OU 3 Area 16

G24: North 16c runway
ditch secondary stem,
facing west

Date: 09/27/2023



Site: OU 3 Area 16

G25: North 16c runway
ditch secondary stem
bend, facing northeast

Date: 09/27/2023



Site: OU 3 Area 16

G26: North 16c runway
ditch from outfall, facing
southeast

Date: 09/27/2023



Site: OU 3 Area 16

G27: Central 16c
runway ditch secondary
stem, facing southeast
at culvert

Date: 09/27/2023



Site: OU 3 Area 16

G28: Central 16c
runway ditch secondary
stem, facing north

Date: 09/27/2023



Site: OU 3 Area 16

G29: Central 16c
runway ditch secondary
stem, facing northwest

Date: 09/27/2023



Site: OU 3 Area 16

G30: Central 16c
runway ditch secondary
stem, facing southeast

Date: 09/27/2023



Site: OU 3 Area 16

G31: Central 16c runway ditch secondary stem, facing east

Date: 09/27/2023



Site: OU 3 Area 16

G32: South 16c runway ditch secondary stem, facing west

Date: 09/27/2023



Site: OU 3 Area 16

G33: South 16c runway
ditch secondary stem,
facing east

Date: 09/27/2023



Site: OU 3 Area 16

G34: South 16c runway
ditch secondary stem
intersection with south
stem, facing north

Date: 09/27/2023



Site: OU 3 Area 16

G35: South 16c stem,
facing west

Date: 09/27/2023



Site: OU 3 Area 16

G36: South 16c stem,
facing east

Date: 09/27/2023



Site: OU 3 Area 16

G37: South 16c stem,
west end, facing south

Date: 09/27/2023



Site: OU 3 Area 16

G38: South 16c stem,
west end, facing east

Date: 09/27/2023



Site: OU 4 Areas 48/49

H1: Turn around at
north boundary of site

Date: 09/21/2023



Site: OU 4 Areas 48/49

H2: Site overview from
east boundary facing
west

Date: 09/21/2023



Site: OU 4 Areas 48/49

H3: Site overview from southeastern corner

Date: 09/21/2023



Site: OU 4 Areas 48/49

H4: Eastern shoreline overview

Date: 09/21/2023



Site: OU 4 Areas 48/49

H5: Central shoreline
overview

Date: 09/21/2023



Site: OU 4 Areas 48/49

H6: Central site
overview from south

Date: 09/21/2023



Site: OU 4 Areas 48/49

H7: Site overview from west, facing south

Date: 09/21/2023



Site: OU 4 Areas 48/49

H8: Site overview from southwest corner facing northeast

Date: 09/21/2023



Site: OU 4 Areas 48/49

H9: Central site
overview from northern
site boundary

Date: 09/21/2023



Site: OU 4 Areas 48/49

H10: Site overview and
signage at northeastern
corner

Date: 09/21/2023



Site: OU 4 Areas 48/49

H11: Faded signage
facing northeast

Date: 09/21/2023



Site: OU 4 Areas 48/49

H12: Signage
southwest of site

Date: 09/21/2023



Site: OU 4 Areas 48/49

H13: Dog leash signage, northwest side of site facing south

Date: 09/21/2023



Site: OU 4 Areas 48/49

H14: CERCLA signage in northwest corner of site facing south

Date: 09/21/2023



Site: OU 4 Areas 48/49

H15: Former transmission prohibited signage, northwest side of site facing south

Date: 09/21/2023



Site: OU 4 Areas 48/49

H16: Former explosive safety signage, northwest side of site facing east

Date: 09/21/2023



Site: OU 4 Areas 48/49

H17: CERCLA signage
along northern
boundary facing south

Date: 09/21/2023



Site: OU 4 Areas 48/49

H18: North side vehicle
ruts, facing east

Date: 09/21/2023



Site: OU 4 Areas 48/49

H19: Degraded foam
encased in metal

Date: 09/21/2023



Site: OU 4 Areas 48/49

H20: Concrete debris
along southern site
boundary

Date: 09/21/2023



Site: OU 4 Areas 48/49

H21: Central shoreline
concrete rip rap and
debris

Date: 09/21/2023



Site: OU 4 Areas 48/49

H22: Central shoreline
erosion facing
northwest

Date: 09/21/2023



Site: OU 4 Areas 48/49

H23: Shoreline erosion and debris, facing north

Date: 09/21/2023



Site: OU 4 Areas 48/49

H24: Central shoreline erosion

Date: 09/21/2023



Site: OU 4 Areas 48/49

H25: Central shoreline erosion

Date: 09/21/2023



Site: OU 5 Area 1

I1: Site overview from southeast corner facing northwest

Date: 09/20/2023



Site: OU 5 Area 1

I2: East boundary rope fence facing north

Date: 09/20/2023



Site: OU 5 Area 1

I3: General site
overview from central
area facing north

Date: 09/20/2023



Site: OU 5 Area 1

I4: General beachfront
overview facing north

Date: 09/20/2023



Site: OU 5 Area 1

I5: Seawall overview
facing north

Date: 09/20/2023



Site: OU 5 Area 1

I6: Pathway to beach
facing south

Date: 09/20/2023



Site: OU 5 Area 1

I7: CERCLA signage
facing west

Date: 09/20/2023



Site: OU 5 Area 1

I8: CERCLA signage
facing west

Date: 09/20/2023



Site: OU 5 Area 1

I9: CERCLA signage
facing west

Date: 09/20/2023



Site: OU 5 Area 1

I10: Faded CERCLA
signage facing west

Date: 09/20/2023



Site: OU 5 Area 1

I11: TP-101

Date: 09/20/2023



Site: OU 5 Area 1

I12: MW-18

Date: 09/20/2023



Site: OU 5 Area 1

I13: MW-103

Date: 09/20/2023



Site: OU 5 Area 1

I14: Stormwater BMP
silt fence facing south

Date: 09/20/2023



Site: OU 5 Area 1

I15: Stormwater BMPs,
silt fence and straw
wattles

Date: 09/20/2023



Site: OU 5 Area 1

I16: Engineered marine
mattress beneath armor
stone facing east

Date: 09/20/2023



Site: OU 5 Area 31

J1: Site overview from northeast corner facing southwest

Date: 09/27/2023



Site: OU 5 Area 31

J2: Site overview from southeast corner facing northwest

Date: 09/27/2023



Site: OU 5 Area 31

J3: Site overview and signage, facing east

Date: 09/27/2023



Site: OU 5 Area 31

J4: OWS-1

Date: 09/27/2023



Site: OU 5 Area 31

J5: MW 31-07A

Date: 09/27/2023



Site: OU 5 Area 31

J6: MW-31-9A

Date: 09/27/2023



Site: OU 5 Area 31

J7: MW-632

Date: 09/27/2023



Site: OU 5 Area 31

J8: MW-633

Date: 09/27/2023



Site: OU 5 Area 31

J9: MW-634

Date: 09/27/2023



Site: OU 5 Area 31

J10: MW-636

Date: 09/27/2023



Site: OU 5 Area 31

J11: Non-operational
AS/SVE System facing
south

Date: 09/27/2023



Site: OU 5 Area 31

J12: Shed and
monitoring wells on
western site area

Date: 09/27/2023



Site: OU 5 Area 52

K1: Overview of northwestern site area, facing southwest

Date: 09/20/2023



Site: OU 5 Area 52

K2: Overview of northern site area and signage, facing northwest

Date: 09/20/2023



Site: OU 5 Area 52

K3: Former above ground storage tank location, facing south

Date: 09/20/2023



Site: OU 5 Area 52

K4: Regraded area near staircase facing south

Date: 09/20/2023



Site: OU 5 Area 52

K5: General beachfront
facing northeast

Date: 09/20/2023



Site: OU 5 Area 52

K6: Seawall overview
facing southwest

Date: 09/20/2023



Site: OU 5 Area 52

K7: Site overview from northwest corner facing east

Date: 09/20/2023



Site: OU 5 Area 52

K8: Site overview from northwest corner facing east

Date: 09/20/2023



Site: OU 5 Area 52

K9: Warning signage
facing east

Date: 09/20/2023



Site: OU 5 Area 52

K10: Unlabeled
monitoring well

Date: 09/20/2023



Site: OU 5 Area 52

K11: Engineered
marine mattress
beneath armor stone
facing south

Date: 09/20/2023



Site: Site 22, Hangar 5

L1: H5-MW-2

Date: 09/27/2023



Site: Site 22, Hangar 5

L2: H5-MW-3

Date: 09/27/2023



Site: Site 22, Hangar 5

L3: H5-MW-1

Date: 09/27/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M1: Site overview from
eastern boundary
facing northwest

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M2: East central site
overview facing west

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M3: East central site
overview facing south

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M4: Site overview from
northwest corner, facing
east

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M5: Fenceline along
southern boundary
facing west

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M6: Northwest corner
along western boundary
- beach overview facing
south

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M7: Site overview and
signage from southeast
corner, facing
southwest

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M8: Site overview
facing southeast from
northwest corner

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M9: Site overview west
side of site, looking east

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M10: Site overview and
signage from northeast
corner facing southwest

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M11: Northeast
CERCLA signage

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M12: CERCLA signage
east side of site

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M13: Site overview
from northwest corner,
facing Site overview
and signage on south
site area

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M14: Signage at beach
access north of
northwest corner facing
west

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M15: Signage north of
site, near beach entry

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M16: Signage along
beach pathway, west
side of site

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M17: Damaged
signage, west side of
site

Date: 09/24/2023



Site: Site EO354,
Former Machine Gun
Ranges B & C

M18: Access gate with
signage at eastern site
boundary

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N1: Overview from east
site corner, facing west

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N2: East central site
overview facing
southwest

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N3: Overview of
eastern site boundary,
facing northeast

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N4: Southwest corner
facing north

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N5: Central site
overview facing east

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N6: Central site
overview, facing east

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N7: Central site
overview, facing south

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N8: Northern site
overview and fence
line, facing east

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N9: South signage
facing north

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N10: Damaged
signage, southeast
corner of site

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N11: Entrance gate
along southern
boundary facing north

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N12: Site overview and
signage from northern
corner/gate facing
south

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N13: MW-613

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N14: IDW storage area
east of site, facing
northeast

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N15: Missing label from
IDW storage container

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N16: Damaged fence
on northern portion of
site facing east

Date: 09/24/2023



Site: Site EO354,
Former Mobile Turret
Tower Range

N17: End of fence near
shoreline in
northwestern site area

Date: 09/24/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O1: Site overview from
upper northwest
shoreline, facing south

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O2: Northwestern site
overview and missing
signage, facing north

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O3: Southeast corner of
site facing north

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O4: Fenceline along
southeastern boundary
facing west

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O5: Northwest
shoreline looking south

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O6: Inlet to Lake
Hancock, facing south

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O7: Inlet and site
overview, facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O8: Inlet to lake
Hancock facing north

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O9: Inlet with distant
fence and signage

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O10: Site overview from
south shoreline, facing
north

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O11: Northeast end of
fence line and
embankment along
State Route 525 facing
east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O12: Trail to southwest
corner of site;
downed/cut up trees at
southwest corner of site
facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O13: Trail on
southwestern portion of
site

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O14: Gate and signage
on northeast side of site
facing south

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O15: Central gate
access facing west

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O16: East central
access gate

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O17: Signage and gate
along central eastern
site boundary

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O18: Signage along
northern boundary
facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O19: Signage along
northern boundary
facing south

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O20: Signage along
northern boundary
facing southeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O21: Signage along
northern boundary
facing southwest

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O22: One of fourteen
signs along northern
boundary facing
southwest

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O23: Trailhead at
northwest corner with
signage

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O24: Signage along
northern site boundary

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O25: Northern site
boundary and signage,
facing west

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O26: Signage along
eastern boundary
facing west

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O27: Warning signage
along southern site
boundary, near utility
building

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O28: Northwest
shoreline signage,
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O29: Damaged signage
on central beachfront,
facing southeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O30: Southwest
warning signage facing
northwest

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O31: Repaired fence
signage and downed
tree in southwest corner
facing northwest

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O32: Signage and
minor erosion in
southwest portion of
site

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O33: Large tree down
in southwest corner of
site facing north

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O34: Signage and
central beach overview
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O35: Signage and
central beach overview
facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O36: Signage and
central beach overview
facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O37: Signage and
central beach overview
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O38: Signage and
central beach overview
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O39: Signage and
central beach overview
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O40: Signage and
central beach overview
facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O41: One of three signs
along shoreline south of
lake Hancock inlet
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O42: North access
signage facing south

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O43: Wood structure at
Lake Hancock, west
side facing north

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O44: Signage and
central beach overview
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O45: Downed tree and
damaged fencing on
northeast portion of site

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O46: Small tree fall on
fence along northern
boundary facing east

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O47: Damaged fencing
along northern
boundary facing
northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O48: Damaged fence
along northern
boundary facing
northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O49: Damaged fence
northeast side of site
facing northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O50: Compromised
fencing along northern
boundary facing
northeast

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O51: Northwest end of
fence line facing west

Date: 09/21/2023



Site: MRP Site EO351
Former Lake Hancock
Target Range

O52: Uprooted tree at
SW site trail facing
north

Date: 09/21/2023



Site: Site 36, Former Fuel Farm 1

P1: Site overview from west, facing southeast

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P2: Site overview from northwest, facing southeast

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P3: Site overview from southwest, facing south

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P4: Site overview from middle of southwestern boundary facing northeast

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P5: Site overview from south, facing northwest

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P6: Site overview along southern boundary

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P7: Site overview from northern boundary, facing south

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P8: Site overview from eastern corner boundary facing southwest

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P9: Site overview from eastern corner facing northwest

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P10: Site overview from central area, facing west

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P11: Lower area site overview from west, facing east

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P12: Shellfish hazard signage facing southeast

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P13: MW-327

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P14: MW-325

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P15: MW-326

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P16: MW-329

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P17: MW-328

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P18: MW-318

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P19: MW-319

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P20: MW-320

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P21: MW-202

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P22: MW-306

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P23: MW-301

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P24: MW-304

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P25: MW-305

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P26: MW-303

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P27: MW-323

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P28: MW-322

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P29: MW-324

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P30: MW-311

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P31: MW-317

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P32: MW-201

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P33: MW-313

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P34: MW-315

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P35: MW-321

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P36: MW-343

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P37: MW-339

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P38: MW-332

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P39: MW-338

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P40: MW-335

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P41: MW-342

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P42: MW-337

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P43: MW-503

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P44: MW-502

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P45: MW-501

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P46: MW-601

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P47: MW-331

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P48: MW-602

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P49: MW-603

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P50: MW-604

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P51: MW-330

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P52: MW-333

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P53: MW-344

Date: 09/23/2023



Site: Site 36, Former
Fuel Farm 1

P54: Unused bioventing
system for former
underground storage
tank, facing east

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P55: Surface fissure facing east

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P56: NE central fence line animal burrowing facing east

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P57: Label of non-hazardous waste facing southwest

Date: 09/23/2023



Site: Site 36, Former Fuel Farm 1

P58: Staged soil drums northeast side of site facing southwest

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q1: Site overview from north of site, facing south

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q2: Site overview from MW-508, facing north

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q3: Site overview from east boundary facing northwest

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q4: Central site overview facing south

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q5: Northern site overview facing northeast

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q6: Central site overview, facing west

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q7: Southern site overview, facing south

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q8: Southern site overview, facing east

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q9: Southern site
overview, facing north

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q10: Trails south of site
facing south

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q11: Old signage
facing northeast

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q12: MW-001

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q13: MW-306

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q14: MW-307

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q15: MW-505

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q16: MW-506

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q17: MW-507

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q18: MW-508

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q19: MW-716

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q20: MW-717

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q21: Monitoring well
MP-B

Date: 09/23/2023



Site: Site 35 Former
Fuel Farm 2

Q22: Former boring
location, facing north

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q23: Fire hydrant 40-48 soil disturbance facing east

Date: 09/23/2023



Site: Site 35 Former Fuel Farm 2

Q24: Small hole observed in Central portion of site facing west

Date: 09/23/2023



Site: Site 13, Former Fuel Farm 3

R1: Site overview of south area from southwest corner facing east

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R2: Site overview of south area from southern boundary facing north

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R3: Southern area site overview, facing west

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R4: Southern area site overview from west boundary facing east

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R5: Middle of southern area facing east from MW-302

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R6: Middle of southern area facing west from MW-507

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R7: Site overview facing west from the vicinity of MW-357

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R8: Site overview from eastern boundary of southern area facing northwest

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R9: Site overview from northeast corner of southern area facing west

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R10: Hydrant 10-36 and clean laydown area east central side of site facing north

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R11: Site overview from northwest corner of southern area facing east

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R12: Site overview from northwest corner of southern area facing south

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R13: Site overview from western boundary facing east

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R14: Site overview from southeast corner of northern area facing west

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R15: Site overview from northeast corner of northern area facing south

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R16: Site overview from northeast corner of northern area facing southwest

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R17: Site overview from southwest corner of northern area facing east

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R18: Site overview from southwest corner of northern area facing northwest

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R19: Site overview from northwest corner of northern area facing southwest

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R20: Restricted signage in northeast corner facing south

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R21: Warning signage in northeast corner facing south

Date: 09/25/2023



Site: Site 13, Former Fuel Farm 3

R22: Signage along northern boundary of southern area facing southwest

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R23: MW-368

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R24: MW-369

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R25: MW-361

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R26: MW-302

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R27: MW-360

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R28: MW-303

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R29: MW-355

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R30: MW-356

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R31: MW-334

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R32: MW-305

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R33: MW-335

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R34: MW-352

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R35: MW-353

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R36: MW-354

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R37: MW-003

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R38: MW-364

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R39: MW-372

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R40: MW-371

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R41: MW-501

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R42: MW-359

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R43: MW-507

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R44: MW-358

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R45: MW-506

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R46: MW-502

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R47: MW-503

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R48: MW-702

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R49: MW-357

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R50: MW-365

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R51: MW-002

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R52: MW-701

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R53: MW-505

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R54: MW-504

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R55: MW-001

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R56: MW-363

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R57: MW-311

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R58: MW-350

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R59: MW-351

Date: 09/25/2023



Site: Site 13, Former
Fuel Farm 3

R60: Drums waste
accumulation
compound facing east

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S1: Site overview from southwest corner facing northeast

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S2: Site overview from central area, facing east

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S3: Former signage post

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S4: Southern warning signage

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S5: Northeast boundary access signage facing southeast

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S6: MW-109

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S7: MW-114

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S8: MW-114 (491)

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S9: MW-115 (491)

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S10: MW-113 (491)

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S11: Gate at southwest
corner facing west

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S12: Electric panel

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S13: Northeast fire hydrant facing south

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S14: Staged spill response kits facing south

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S15: Faded drum label
of non-hazardous waste

Date: 09/25/2023



Site: Site 11, Former
Fuel Farm 4

S16: Staged drums
facing south

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S17: Oil water separator along northern site boundary facing west

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S18: Oil water separator along northern site boundary facing east

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S19: Waste petroleum trailer in covered area with containment berm and adjacent work area with barriers

Date: 09/25/2023



Site: Site 11, Former Fuel Farm 4

S20: Waste petroleum trailer in covered area with containment berm

Date: 09/25/2023



Site: Site 45, TCE Tank

T1: North site overview
from northeast corner

Date: 09/21/2023



Site: Site 45, TCE Tank

T2: Site overview from
central area, facing east

Date: 09/21/2023



Site: Site 45, TCE Tank

T3: Site overview from southern boundary facing northwest

Date: 09/21/2023



Site: Site 45, TCE Tank

T4: Site overview from central area, facing southeast

Date: 09/21/2023



Site: Site 45, TCE Tank

T5: Plastic barricades and concrete blocks on east side of site

Date: 09/21/2023



Site: Site 45, TCE Tank

T6: Electric vault

Date: 09/21/2023



Site: Site 45, TCE Tank

T7: Unmarked monitoring well

Date: 09/21/2023



Site: Site 45, TCE Tank

T8: Sewer manhole and confined space entry point

Date: 09/21/2023



Site: Site 45, TCE Tank

T9: Hazardous Waste
Accumulation Area

Date: 09/21/2023

Appendix D: Monitoring Well Inspection Checklists

This page is intentionally blank.

Appendix D – Monitoring Well Inspections

Land use controls (LUCs) at several specified areas/sites at Naval Air Station (NAS) Whidbey Island include requirements to protect existing monitoring wells. The areas/sites at NAS Whidbey Island where these LUC requirements apply are as follows:

- Operable Unit (OU) 1, Area 6, Current (1969-1980s) Landfill
- OU 2, Area 2, Western Highlands Landfill
- OU 2, Area 3, 1969-1970 Landfill
- OU 2, Area 4, Walker Barn Storage Area
- OU 2, Area 29, Clover Valley Fire School
- OU 5, Area 1, Beach Landfill
- OU 5, Area 31, Former Runway Fire Training School
- OU 5, Area 52, Jet Engine Test Cell
- Site 22, Hangar 5
- Site 36, Former Fuel Farm 1
- Site 35, Former Fuel Farm 2
- Site 13, Former Fuel Farm 3
- Site 11, Former Fuel Farm 4

As noted in the *Land Use Control Implementation Plan* (LUCIP) (Liberty JV 2020), the monitoring wells at Area 52 were removed from the LUC inspection program per the 2014 *Land Use Controls Implementation Plan* (URS 2014).

These areas/sites are located at both the Ault Field and Seaplane Base portions of NAS Whidbey Island. As part of the LUC inspection process, the protection and condition of monitoring wells were visually inspected following the general checklist for monitoring well inspections provided in the LUCIP. Monitoring well inspections were conducted at these specified areas/sites from September 20 to 27, 2023. All monitoring wells listed for inspection in the LUCIP were included in the 2023 LUC inspections. Completed checklists for all wells are provided in Exhibit D-1, and a photograph of each monitoring well is included in Appendix C.

Additionally, as noted in the *2021 Land Use Controls Inspection Work Plan* (LUCWP) (Liberty JV 2021), all monitoring wells located and accessed during the 2021 inspection will have new padlocks installed. Unless noted in Table D-1, the padlocks were observed during the 2023 inspections and were intact and functioning on each well.

Monitoring wells that could not be secured with a padlock were documented on the inspection checklists (Exhibit D-1).

Findings of the monitoring well inspections are summarized in Table D-1. Minor and periodic maintenance of the monitoring wells, including activities such as labeling or lubrication of stickup monument hinges, is recommended to ensure the monitoring well networks of these specific areas/sites continue to be protected. Maintenance activities should be tracked and documented. Monitoring wells that could not be secured with a padlock have been noted in Table D-1.

References

Liberty JV. 2020. Land Use Controls Implementation Plan, Naval Air Station Whidbey Island, Oak Harbor, Washington and Naval Ocean Processing Facility Coos Head, Charleston, Oregon. Prepared for NAVFAC NW under Contract No. N44255-20-D-5006, Task Order No. N4425520F4289. December.

Liberty JV. 2021. 2021 Land Use Controls Inspection Work Plan, Naval Air Station Whidbey Island, Oak Harbor, Washington, and Naval Ocean Processing Facility Coos Head, Charleston, Oregon. Prepared for NAVFAC NW under Contract No. N44255-20-D-5006, Task Order No. N4425521F4104. September.

URS. 2014. Land Use Controls Implementation Plan, NAS Whidbey Island, Oak Harbor, Washington. Prepared for Naval Facilities Engineering Command Northwest under Contract No. N44255-05 D-4001, Task Order 0056. March.

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
OU 1, Area 6, Current (1969 –1980s) Landfill				
Production Wells				
PW-1	487510.00	1200640.00	B62, B63	None
PW-2	485180.00	1201045.00	B72, B73	None
PW-3*	486734.828	1200409.726	B64, B65	None
PW-4*	484919.327	1201017.543	B74, B75	Rust at bottom of vault.
PW-5*	485475.157	1200440.757	B66, B67	Rust and a small amount of water in vault.
PW-6	485485.00	1200675.00	B68, B69	None
PW-7*	485453.232	1200848.921	B70, B71	None
PW-8	485195.00	1201385.00	B78, B79	None
PW-9*	484913.794	1201515.322	B76, B77	Rusty drum still present in fenced area. Some liquid in drum, non-hazardous label with no writing.
PW-10*	485380.232	1201035.655	B80	None
Monitoring Wells				
MW-3B*	483969.424	1200985.634	B54	None
MW-5*	485277.249	1200715.752	B60	Accessible from Technical Drive Dog Park
MW-7	487090.00	1200440.0	B37	None
MW-9*	485144.491	1201754.341	B46	Many wasps present.
MW-10	486020.00	1200965.00	B49	None
MW-13*	487459.108	1203129.564	B53	None
6-DW-38	483104.6	1201867.8	B83	Accessible from 1741 Cemetery Road residence.
6-S-1	486064.30	1205139.00	B55	Adjacent to well 6-D-2, not in LUC program.
6-S-2	488231.10	1200536.00	B57	None
6-S-3	484809.00	1201913.00	B45	Wasps present at well.
6-S-6	486369.30	1200387.00	B41	Concrete apron degraded
6-S-7	488637.20	1200542.00	B33	None
6-S-9	487101.20	1201426.00	B52	Rusty lock and wasps present in well.
6-S-10	487873.20	1200810.00	B39	None

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
6-S-14	486480.30	1200760.00	B47	None
6-S-15	486877.90	1200840.00	B48	Wasps present. Rusty lock.
6-S-16	485994.00	1202127.00	B51	Wasps present.
6-S-17	485524.40	1202048.00	B50	Wasps present.
6-S-19*	484795.354	1201474.280	B44	None
6-S-24*	486179.525	1200119.074	B58	Accessible from 24 th lane
6-S-25*	485495.387	1200381.586	B42	One aged MW adjacent.
6-S-26*	488335.748	1200909.457	B34	None
6-S-27*	485091.939	1200399.970	B59	Accessible from Technical Drive Dog Park
6-S-29*	484808.454	1201178.203	B43	Wasps present
6-S-30*	487849.337	1200431.417	B35	Four aged MWs in vicinity
6-S-31*	487408.929	1200414.862	B36	None
N6-37	487499.20	1200709.00	B40	None
N6-38	487721.00	1200538.00	B38	None
Resource Protection Wells				
6-S-40	485727.00	1203046.00	B85	Accessible along State Route 20
6-S-41	485062.00	1202556.00	B86	Accessible along State Route 20
6-S-42*	484226.857	1201987.500	B84	Across the street from Auld Holland Inn.
6-S-43*	483610.019	1201483.926	B82	Accessible from Flowers Marine.
OU 2, Area 2, Western Highlands Landfill				
N2-3	491030.20	1189582.0	C9	None
N2-6C	491543.50	1189532.0	C8	None
N2-8	490793.70	1189305.0	C11	None
N2-9	490504.70	1189359.0	C10	Rusty stick-up monument
OU 2 Area 3, 1969 – 1970 Landfill				
3-MW-2	491368.70	1190681.0	D8	None
N3-12	491400.0	1190575.0	D9	None

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
OU 2 Area 4, Walker Barn Storage Area				
4-MW-1	492410.90	1190076.00	E5	None
4-MW-3	492262.60	1190041.00	E4	None
OU 2 Area 29, Clover Valley Fire School				
29-MW-4	489353.60	1188495.00	F8	None
N29-20	489204.50	1188480.0	F9	None
N29-22D	489251.20	1188284.0	F10	None
OU 5 Area 1, Former Beach Landfill				
MW-18	496345.40	1191195.00	I12	Rusty monument, rusty lock
TP-101	496259.00	1191190.00	I11	Rusty monument, rusty lock
MW-103	495609.60	1190759.00	I13	Extremely rusted lock – unable to access monument interior
OU 5 Area 31, Former Runway Fire Training School				
OWS-1	499423.30	1197728.00	J4	None
MW-31-9A	499465.30	1197737.00	J6	None
Site 22, Hangar 5				
H5-MW-1	496945.29	1193376.92	L3	None
H5-MW-2	497041.79	1193312.17	L1	None
H5-MW-3	497045.24	1193467.39	L2	None
Site 36, Former Fuel Farm 1				
MW-201	473449	1204377	P32	None
MW-202	473281	1204082	P21	None
MW-301	473487	1204044	P23	None
MW-303	473514	1204096	P26	Wasps present in monument
MW-304	473556	1203995	P24	Unlocked upon observation and unable to move monument lid.
MW-305	473557	1204062	P25	None
MW-306	473369	1204145	P22	Wasps present in monument
MW-311	473302	1204300	P30	Tight lid hinge – unable to access monument interior.
MW-313	473386	1204458	P33	Tight lid hinge – unable to access monument interior.

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
MW-315	473455	1204487	P34	None
MW-317	473523	1204402	P31	None
MW-318	473118	1204049	P18	Lid hinge broken – well not secure
MW-319	473180	1204109	P19	Several wasps present – unable to access inner casing
MW-320	473238	1204199	P20	Unlocked upon observation, lid and monument holes cannot line up due to rusty hinge, potentially impacted by subsidence
MW-321	473423	1204543	P35	None
MW-322	473577	1204279	P28	Tight lid hinge
MW-323	473561	1204185	P27	Wasps present in monument, concrete apron loose – appears to be intersected by fissure
MW-324	473412	1204254	P29	None
MW-325	473484	1203887	P14	Tight lid hinge and several wasps – unable to access inner casing
MW-326	473319	1203947	P15	Wasps present in monument
MW-327	473386	1203704	P13	Tight lid hinge – unable to access inner casing
MW-328	473127	1203933	P17	Concrete apron above ground and loose
MW-329	473248	1203883	P16	Lid hinge broken – well not secure
MW-330	473607	1204596	P51	None
MW-331	473660	1204609	P47	None
MW-332	473580	1204629	P38	None
MW-333	473578	1204692	P52	None
MW-335	473561	1204508	P40	None
MW-337	473665	1204485	P42	Bolt holes stripped
MW-338	473624	1204528	P39	None
MW-339	473523	1204565	P37	None
MW-342	473594	1204479	P41	None
MW-343	473477	1204630	P36	None
MW-344	473494	1204773	P53	None
MW-501	473818	1204385	P45	Bolt holes stripped

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
MW-502	473755	1204395	P44	None
MW-503	473698	1204468	P43	Bolt holes stripped
MW-601	473688	1204498	P46	None
MW-602	473699	1204711	P48	None
MW-603	473695	1204719	P49	None
MW-604	473709	1204778	P50	Bolt holes stripped
Site 35, Former Fuel Farm 2				
MW-001	471180	1204168	Q12	None
MW-306	471389	1204146	Q13	Tigh lid hinge – unable to access monument interior
MW-307	471299	1204148	Q14	Wasps present in monument
MW-505	471322	1203973	Q15	Difficult to locate due to grass
MW-506	471313	1204029	Q16	None
MW-507	471297	1204081	Q17	None
MW-508	471357	1204016	Q18	Well location does not match surveyed coordinates
MW-716	471288	1204150	Q19	None
MW-717	471247	1203982	Q20	None
Site 13, Former Fuel Farm 3				
MW-001	493167	1194253	R55	None
MW-002	493412	1194579	R51	None
MW-003	493243	1194835	R37	None
MW-302	492775	1194172	R26	None
MW-303	492809	1194515	R28	None
MW-305	493019	1194490	R32	None
MW-311	493317	1194259	R57	None
MW-334	493000	1194752	R31	None
MW-335	491017	1194206	R33	None
MW-350	493270	1194386	R58	Monument not secured to ground surface, surrounding material is coarse gravel in a parking lot island

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
MW-351	493226	1194488	R59	Monument not secured to ground surface, surrounding material is coarse gravel in a parking lot island
MW-352	493198	1194362	R34	None
MW-353	493209	1194741	R35	None
MW-354	493163	1194911	R36	Tight lid hinge – difficulty accessing
MW-355	493055	1194942	R29	None
MW-356	492932	1194879	R30	None
MW-357	492885	1194756	R49	Bolt holes stripped
MW-358	492744	1194560	R44	None
MW-359	492733	1194456	R42	None
MW-360	492735	1194314	R27	None
MW-361	492892	1194065	R25	None
MW-363	493154	1194154	R56	None
MW-364	493340	1194845	R38	Tight lid hinge – difficulty accessing
MW-365	493330	1194769	R50	None
MW-368	492488	1194911	R23	None
MW-369	492634	1194640	R24	One bollard leaning
MW-371	492344	1194538	R40	Monument filled with surface water
MW-372	492323	1194376	R39	Monument filled with surface water
MW-501	492737	1194329	R41	None
MW-502	493014	1194450	R46	None
MW-503	493182	1194689	R47	None
MW-504	493165	1194268	R54	None
MW-505	493162	1194356	R53	None
MW-506	492765	1194547	R45	None
MW-507	492778	1194602	R43	None
MW-701	493268	1194613	R52	Monument filled with surface water
MW-702	492589	1194471	R48	None

Table D-1: NAS Whidbey Island Monitoring Wells, LUC Inspection Results (continued)

Well ID	Northing	Easting	Photograph No. (Appendix C)	Comments from 2023 Inspection
Site 11, Former Fuel Farm 4				
MW-109	489905.553664	1196219.914920	S6	None
MW-114	489922.665974	1196122.374720	S7	None
MW-113 (491)	490110.901448	1196098.417480	S10	None
MW-114 (491)	490155.393467	1196098.417480	S8	Well monument does not accommodate new lock
MW-115 (491)	490153.682236	1196127.508420	S9	Well monument does not accommodate new lock

Notes:

*Coordinates are corrected or made more accurate based on measurements taken during the 2015 LUC inspections (Battelle, 2020).

**Coordinates are approximated.

Abbreviation: ID = identification

This page is intentionally blank.

**Exhibit D-1:
Completed Monitoring Well Checklists**

This page is intentionally blank.



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1452	WEATHER/TEMPERATURE: Sunny 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-DW-38	NORTHING: 483104.600	EASTING: 1201867.800

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	0	
BOLLARD CONDITION:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" no inner casing
	<input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL (2) <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B52	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible from 1741 Cemetary Road residence

GENERAL CONDITION (CHECK ONE): ☐ GOOD ☒ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1048	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-1	NORTHING: 486064.300	EASTING: 1203139.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B39	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Adjacent to well 6-D-2, not in LUC program

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM):	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Area 6	DESCRIPTION: 1969-1980s Landfill	
WELL ID: 6-S-2	NORTHING: 488231.100	EASTING: 1203586.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): <u>3</u> INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B47	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1303	WEATHER/TEMPERATURE: Cloudy 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-3	NORTHING: 484800.00	EASTING: 1201913.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>1.5</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B48	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps present at well.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1142	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-6	NORTHING: 486369.300	EASTING: 1200387.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B51	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Concrete apron degraded

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1122	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-7	NORTHING: 488637.200	EASTING: 1200542.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B50	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM):	WEATHER/TEMPERATURE: Party Cloudy, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: 6-S-9	NORTHING: 487101.200	EASTING: 1201426.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6"	
	<input type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B44	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Rusty lock. Wasps present in well.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1103	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-10	NORTHING: 487873.200	EASTING: 1200810.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	rusty lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B58	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0909	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: 6-S-14	NORTHING: 486480.300	EASTING: 1200760.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B42	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0912	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: 6-S-15	NORTHING: 486877.900	EASTING: 1200840.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B34	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps present. Rusty lock.

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0818	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-16	NORTHING: 485994.00	EASTING: 1202127.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input type="checkbox"/> BRASS <input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____	
LOCK SHANK LENGTH (estimated):	<u>2</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B59	<input type="checkbox"/> YES <input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps present

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0815	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-17	NORTHING: 485524.400	EASTING: 1202048.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): <u>2</u> INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B34	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps present.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1240	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-19	NORTHING: 484795.354	EASTING: 1201474.280

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B70	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1337	WEATHER/TEMPERATURE: Cloudy 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-24	NORTHING: 486179.525	EASTING: 1200119.074

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> OTHER: _____
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B78	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible from 24th Lane

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1145	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-25	NORTHING: 485495.387	EASTING: 1200381.586

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B60	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

One aged MW adjacent

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1110	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-26	NORTHING: 488335.748	EASTING: 1200909.457

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input checked="" type="checkbox"/> DAMAGED: 1 leaning
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B51	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK <input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> RUSTY STICK-UP <input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1339	WEATHER/TEMPERATURE: Cloudy 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-27	NORTHING: 485091.939	EASTING: 1200399.97

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B83	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible from Technical Drive Dog Park

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1220	WEATHER/TEMPERATURE: Cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-29	NORTHING: 484808.454	EASTING: 1201178.203

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B55	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps present

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1131	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-30	NORTHING: 487849.337	EASTING: 1200431.4

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B57	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Four aged MWs in vicinity

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1135	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-31	NORTHING: 487408.929	EASTING: 1200414.862

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B45	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1508	WEATHER/TEMPERATURE: Sunny 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-40	NORTHING: 485727.00	EASTING: 1203046.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B85	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible along State Route 20

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1520	WEATHER/TEMPERATURE: Sunny 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-41	NORTHING: 485062.00	EASTING: 1202556.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B86	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible along State Route 20

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1501	WEATHER/TEMPERATURE: Sunny 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-42	NORTHING: 484226.857	EASTING: 1201987.500

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B84	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Across the street from Auld Holland Inn

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1436	WEATHER/TEMPERATURE: Sunny 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: 6-S-43	NORTHING: 483610.019	EASTING: 1201483.926

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B82	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible from Flowers Marine

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1416	WEATHER/TEMPERATURE: Partly cloudy 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: MW-3B	NORTHING: 483969.424	EASTING: 1200985.6

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED lockable but no lock present
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B81	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1359	WEATHER/TEMPERATURE: Partly cloudy 70s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: MW-5	NORTHING: 485277.249	EASTING: 1200715.752

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____	<input type="checkbox"/> ASPHALT	<input checked="" type="checkbox"/> SOIL
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> OTHER: _____
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B80	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Accessible from Technical Drive Dog Park

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1135	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: MW-7	NORTHING: 487090.00	EASTING: 1200440.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B56	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1258	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: MW-9	NORTHING: 485144.491	EASTING: 1201754.341

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>1.5</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B75	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Many wasps present.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0905	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: MW-10	NORTHING: 486020.00	EASTING: 1200965.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>1.5</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B40	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1323	WEATHER/TEMPERATURE: Cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: MW-13	NORTHING: 487459.108	EASTING: 1203129.564

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B77	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 09 40	WEATHER/TEMPERATURE: Cloudy, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: N6-37	NORTHING: 487499.200	EASTING: 1200709.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG	<input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> PETROLEUM	
WERE PICTURES TAKEN? B44	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 09 50	WEATHER/TEMPERATURE:
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: N6-38	NORTHING: 487721.00	EASTING: 1200538.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B48	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0943	WEATHER/TEMPERATURE: Cloudy, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-1	NORTHING: 487510.00	EASTING: 1200640.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> fence
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B45, B46	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1213	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-2	NORTHING: 485180.00	EASTING: 1201045.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input checked="" type="checkbox"/> OTHER: production, capped	
LOCK MATERIAL:	<input type="checkbox"/> BRASS <input checked="" type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> FENCE	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B65, B66	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Some wasps

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1139	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-3	NORTHING: 486734.828	EASTING: 1200409.726

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	fading
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT	<input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____		
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY	<input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED	
NUMBER OF BOLLARDS:	none-fence		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB	<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"
	<input checked="" type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG	<input type="checkbox"/> EXPANSION
	<input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT	<input type="checkbox"/> BOTH <input checked="" type="checkbox"/> fence
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B57, B58	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1219	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-4	NORTHING: 484919.327	EASTING: 1201017.543

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B67, B68	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Rust at bottom of vault

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1202	WEATHER/TEMPERATURE: Partly Cloudy, 50
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-5	NORTHING: 485475.157	EASTING: 1200440.757

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP <input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault	
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE <input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL	
CONCRETE APRON:	<input type="checkbox"/> OTHER: _____ <input type="checkbox"/> NOT PRESENT <input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN	
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE <input type="checkbox"/> DAMAGED	
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT <input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____	
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6"	
	<input checked="" type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input checked="" type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS <input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____	
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES <input type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B61, B62	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK <input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS <input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Rust and a small amount of water in vault.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> MODERATE <input type="checkbox"/> POOR
--------------------------------	--



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1206	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-6	NORTHING: 485485.00	EASTING: 1200675.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B63, B64	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0850	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: PW-7	NORTHING: 485453.232	EASTING: 1200878.921

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>none-fence</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input checked="" type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> Fence
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B37, B38	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1250	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-8	NORTHING: 485195.00	EASTING: 1201385.0

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B73, B74	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 1240	WEATHER/TEMPERATURE: Cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969- 1980s) Landfill	
WELL ID: PW-9	NORTHING: 484913.794	EASTING: 1201515.322

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none-fence	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input checked="" type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? B71, B72, B91	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Rusty drum still present in fenced area. Some liquid in drum, non-haz label with no writing.

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/22/23	TIME (HH:MM): 0855	WEATHER/TEMPERATURE: Sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU1 Area 6	DESCRIPTION: OU 1, Area 6: Current (1969-1980s) Landfill	
WELL ID: PW-10	NORTHING: 485380.232	EASTING: 1201035.655

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>none-fence</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6"	
	<input type="checkbox"/> 8" <input checked="" type="checkbox"/> OTHER: <u>no inner casing</u>	
IS THE CASING IN GOOD CONDITION?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input checked="" type="checkbox"/> OTHER: <u>none</u>	
LOCK MATERIAL:	<input type="checkbox"/> BRASS <input checked="" type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>1.5</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input checked="" type="checkbox"/> MONUMENT	<input type="checkbox"/> BOTH
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? B39	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1125	WEATHER/TEMPERATURE: Sunny 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 2	DESCRIPTION: OU 2, Area 2 Western Highlands Landfill	
WELL ID: N2-3	NORTHING: 491030.200	EASTING: 1188592.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? C9	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1110	WEATHER/TEMPERATURE: Sunny 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 2	DESCRIPTION: OU 2, Area 2 Western Highlands Landfill	
WELL ID: N2-6C	NORTHING: 491543.500	EASTING: 1189532.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	_____	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	4 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? C8	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1157	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 2	DESCRIPTION: OU 2, Area 2 Western Highlands Landfill	
WELL ID: N2-8	NORTHING: 490793.700	EASTING: 1189305.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? C11	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1144	WEATHER/TEMPERATURE: Sunny 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 2	DESCRIPTION: OU 2, Area 2 Western Highlands Landfill	
WELL ID: N2-9	NORTHING: 490504.700	EASTING: 1189359.0

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): <u>3</u> INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? C10	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1225	WEATHER/TEMPERATURE: Sunny 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 3	DESCRIPTION: OU 2, Area 3 1969-1970 Landfill	
WELL ID: 3-MW-2	NORTHING: 491368.700	EASTING: 1190681.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? D9	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1233	WEATHER/TEMPERATURE: Sunny 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 3	DESCRIPTION: OU 2, Area 3 1969-1970 Landfill	
WELL ID: N3-12	NORTHING: 491400.00	EASTING: 1190575.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? D10	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1034	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 4	DESCRIPTION: Walker Barn Storage Area	
WELL ID: 4-MW-1	NORTHING: 492410.900	EASTING: 1190076.0

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? E4	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	<input checked="" type="checkbox"/> rusty lock	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1025	WEATHER/TEMPERATURE: Overcast 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 4	DESCRIPTION: Walker Barn Storage Area	
WELL ID: 4-MW-3	NORTHING: 492262.600	EASTING: 1190041.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): <u>3</u> INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? E3	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	<input checked="" type="checkbox"/> RUSTY LOCK	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/24/23	TIME (HH:MM): 1021	WEATHER/TEMPERATURE: Partly sunny 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 29	DESCRIPTION: Clover Valley Fire School	
WELL ID: 29-MW-4	NORTHING: 489353.600	EASTING: 1188495.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? F8	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/24/23	TIME (HH:MM): 0950	WEATHER/TEMPERATURE: Partly cloudy 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 29	DESCRIPTION: Clover Valley Fire School	
WELL ID: N29-20	NORTHING: 489204.500	EASTING: 1188480.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? F9	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/24/23	TIME (HH:MM): 1000	WEATHER/TEMPERATURE: Overcast with sun 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU2 Area 29	DESCRIPTION: Clover Valley Fire School	
WELL ID: N29-22D	NORTHING: 489251.200	EASTING: 1188284.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? F10	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1351	WEATHER/TEMPERATURE: 60s, sunny
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU5 Area 1	DESCRIPTION: Former Beach Landfill	
WELL ID: MW-18	NORTHING: 496345.40	EASTING: 1191195.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input checked="" type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	_____	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? 112	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input checked="" type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	<input checked="" type="checkbox"/> RUSTY LOCK	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1430	WEATHER/TEMPERATURE: 60s sunny
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU 5, Area 1	DESCRIPTION: Former Beach Landfill	
WELL ID: MW-103	NORTHING: 495609.600	EASTING: 1190759.0

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input checked="" type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	rusty lock and monument _____	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6"	<input type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	<input checked="" type="checkbox"/> RUSTY LOCK	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Could not inspect interior due to rusted lock stuck on well.

GENERAL CONDITION (CHECK ONE): ☐ GOOD ☒ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 1400	WEATHER/TEMPERATURE: 60s sunny
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU 5, Area 1	DESCRIPTION: Former Beach Landfill	
WELL ID: TP-101	NORTHING: 496259.00	EASTING: 1191190.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input checked="" type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	rusty, lock bracket rusted out	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	<input checked="" type="checkbox"/> RUSTY LOCK	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input checked="" type="checkbox"/> POOR
--------------------------------	-------------------------------	-----------------------------------	--



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/27/23	TIME (HH:MM): 0855	WEATHER/TEMPERATURE: Partly cloudy 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU5 Area 31	DESCRIPTION: Former Runway Fire Training School	
WELL ID: MW-31-9A	NORTHING: 499465.300	EASTING: 1197737.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? J6	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/27/23	TIME (HH:MM): 0852	WEATHER/TEMPERATURE: Partly cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: OU5 Area 31	DESCRIPTION: Former Runway Fire Training School	
WELL ID: OWS-1	NORTHING: 499423.300	EASTING: 1197728.00

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 9/16"		<input type="checkbox"/> OTHER:
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT
	<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB
		<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG
	<input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> EXPANSION
		<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL
		<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT
		<input type="checkbox"/> BOTH
		<input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? J4	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/27/23	TIME (HH:MM): 1209	WEATHER/TEMPERATURE: sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 22 Hangar 5	DESCRIPTION: Site 22, Hangar 5	
WELL ID: H5-MW-1	NORTHING: 496945.290	EASTING: 1193376.920

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO NA
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? L3	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/27/23	TIME (HH:MM): 1211	WEATHER/TEMPERATURE: sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 22 Hangar 5	DESCRIPTION: Site 22, Hangar 5	
WELL ID: H5-MW-2	NORTHING: 497041.790	EASTING: 1193372.170

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL: no lock	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO NA
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? L1	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input checked="" type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: 7

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/27/23	TIME (HH:MM): 1207	WEATHER/TEMPERATURE: sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 22 Hangar 5	DESCRIPTION: Site 22, Hangar 5	
WELL ID: H5-MW-3	NORTHING: 497045.240	EASTING: 1193467.390

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL: no lock	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO NA
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? L2	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0904	WEATHER/TEMPERATURE: Partly sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-201	NORTHING: 473448.813	EASTING: 1204376.81

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO faded
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P32	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0920	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-202	NORTHING: 473280.788	EASTING: 1204082.060

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P21	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0835	WEATHER/TEMPERATURE: Partly cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-301	NORTHING: 473487.259	EASTING: 1204043.614

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P23	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK <input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> RUSTY STICK-UP <input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Deer in picture.

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0831	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-303	NORTHING: 473514.314	EASTING: 1204096.29

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P26	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps living in monument and sleeping on cap

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0820	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36 Upper	DESCRIPTION: Former Fuel Farm 1	
WELL ID: MW-304	NORTHING: 473555.608	EASTING: 1203995.20

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS: _____		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input checked="" type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
		<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): 3 _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P24	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Unlocked upon observation and unable to move monument lid.

GENERAL CONDITION (CHECK ONE): ☐ GOOD ☐ MODERATE ☒ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0827	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-305	NORTHING: 473557.032	EASTING: 1204062.125

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P25	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0911	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-306	NORTHING: 473369.072	EASTING: 1204144.713

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P22	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps living in monument and on cap

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1012	WEATHER/TEMPERATURE: sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-311	NORTHING: 473302.147	EASTING: 1204299.923

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6"	
	<input type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P30	<input type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight lid hinge - unable to access interior of well

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/20/23	TIME (HH:MM): 0940	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-313	NORTHING: 473386.159	EASTING: 1204457.981

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P33	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight lid - unable to access monument interior.

GENERAL CONDITION (CHECK ONE): ☐ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0900	WEATHER/TEMPERATURE: Partly cloudy, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-315	NORTHING: 473454.509	EASTING: 1204489.30

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P34	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0850	WEATHER/TEMPERATURE: Partly sunny, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-317	NORTHING: 473522.858	EASTING: 1204402.44

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P31	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0959	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-318	NORTHING: 473118.458	EASTING: 1204049.30

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P18	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Lid hinge broken - well not secure

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1007	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-319	NORTHING: 473179.688	EASTING: 1204109.115

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P19	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Couldn't access inside of well due to wasps living in monument and on cap

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1010	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-320	NORTHING: 473238.069	EASTING: 1204198.823

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P20	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Unlocked upon observation, lid and monument holes cannot line up due to rusty hinge, and potentially impacted by subsidence

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0941	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-321	NORTHING: 473423.182	EASTING: 1204543.417

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> OTHER: _____
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P35	<input type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0848	WEATHER/TEMPERATURE: Partly cloudy, 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-322	NORTHING: 473576.967	EASTING: 1204278.564

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P28	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight lid hinge

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0842	WEATHER/TEMPERATURE: Partly cloudy 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-323	NORTHING: 473561.304	EASTING: 1204184.584

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P27	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Wasps living in monument, concrete apron loose - appears to be intersected by fissure.

GENERAL CONDITION (CHECK ONE): ☐ GOOD ☒ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0915	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-324	NORTHING: 473411.790	EASTING: 1204254.357

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P29	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0815	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-325	NORTHING: 473484.411	EASTING: 1203886.9

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P14	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight lid and several wasps - unable to open inner casing

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0935	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-326	NORTHING: 473319.234	EASTING: 1203946.786

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P15	<input type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Several wasps inside monument

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0805	WEATHER/TEMPERATURE: Sunny 50s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-327	NORTHING: 473386.159	EASTING: 1203704.716

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input checked="" type="checkbox"/> OTHER: <u>vegetation</u>	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P13	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight monument lid - unable to open inner casing

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0925	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-328	NORTHING: 473127.002	EASTING: 1203932.546

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P17	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Concrete apron above ground and loose

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 0929	WEATHER/TEMPERATURE: Sunny, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Upper Area	
WELL ID: MW-329	NORTHING: 473248.037	EASTING: 1203882.70

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	faded
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT	<input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____		
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY	<input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED	
NUMBER OF BOLLARDS:	3		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB	<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG	<input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT	<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P16	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Lid hinge broken, not secure

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1212	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-330	NORTHING:	EASTING:

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 9/16"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P51	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1135	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-331	NORTHING: 473659.556	EASTING: 1204608.918

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> OTHER: _____	
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P47	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1110	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-332	NORTHING: 473579.815	EASTING: 1204628.854

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P38	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1114	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-333	NORTHING: 473578.391	EASTING: 1204691.507

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P52	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1042	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-335	NORTHING: 473561.304	EASTING: 1204507.81

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>none</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input checked="" type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P40	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input checked="" type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: <u>3</u>

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1145	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-337	NORTHING: 473665.252	EASTING: 1204485.035

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3x 9/16"</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6"	
	<input type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P42	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Bolt holes stripped

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1208	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-338	NORTHING: 473623.958	EASTING: 1204527.754

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P39	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1056	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-339	NORTHING: 473522.858	EASTING: 1204564.77

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3x 5/8"		<input type="checkbox"/> OTHER:
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT
	<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB
		<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2"	<input checked="" type="checkbox"/> 4"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL
		<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT
		<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P37	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1050	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-342	NORTHING: 473594.055	EASTING: 1204479.340

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P41	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1125	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-343	NORTHING: 473477.292	EASTING: 1204630.27

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO faded
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input checked="" type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P36	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Called 360-257-2707 for access to fenced area. They have the key to left gate.

GENERAL CONDITION (CHECK ONE): ☒ GOOD ☐ MODERATE ☐ POOR



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1100	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-344	NORTHING: 473494.379	EASTING: 1204772.67

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P53	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1200	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-501	NORTHING: 473817.614	EASTING: 1204385.360

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 1x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? P45	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Bolt holes stripped/broken.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1156	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-502	NORTHING: 473754.960	EASTING: 1204395.327

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input checked="" type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input checked="" type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P44	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1152	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-503	NORTHING: 473698.002	EASTING: 1204467.948

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P43	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Bolt holes stripped

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1143	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-601	NORTHING: 473688.035	EASTING: 1204497.851

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>1x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P46	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input checked="" type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: <u>1</u>

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1135	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-602	NORTHING: 473699.426	EASTING: 1204711.442

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>2x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P48	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1121	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-603	NORTHING: 473695.155	EASTING: 1204718.562

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P49	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1119	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 36	DESCRIPTION: Former Fuel Farm 1, Lower Area	
WELL ID: MW-604	NORTHING: 473709.394	EASTING: 1204778.367

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? P50	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Bolt holes stripped

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1335	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-001	NORTHING: 471180.172	EASTING: 471180.172

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>2</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input checked="" type="checkbox"/> DAMAGED: <u>leaning</u>
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q12	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1245	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-306	NORTHING: 471388.844	EASTING: 1204145.857

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q13	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight lid - cannot access inside of monument

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1322	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-307	NORTHING: 471299.093	EASTING: 1204148.1

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q14	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Many wasps present at the well.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1304	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-505	NORTHING: 471321.531	EASTING: 1203973.085

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>2x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL/veg
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input checked="" type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q15	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Hidden by tall grass

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1225	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-506	NORTHING: 471312.556	EASTING: 1204029.18

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT	<input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>2x 9/16"</u>			
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____		
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY	<input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED	
NUMBER OF BOLLARDS:	<u>NA</u>		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB	<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG	<input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES		
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT	<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? Q16	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1230	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-507	NORTHING: 471296.849	EASTING: 1204080.787

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 9/16"		<input type="checkbox"/> OTHER:
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT
	<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB
		<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL
		<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT
		<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q17	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1300	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-508	NORTHING: 471357.431	EASTING: 1204015.717

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT	<input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 9/16"			
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____		
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY	<input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED	
NUMBER OF BOLLARDS:	NA		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB	<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"	<input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input checked="" type="checkbox"/> J-PLUG	<input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES		
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT	<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? Q18	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Need to adjust GPS location.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1319	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-716	NORTHING: 471287.874	EASTING: 1204150.345

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q19	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/23/23	TIME (HH:MM): 1250	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 35	DESCRIPTION: Former Fuel Farm 2	
WELL ID: MW-717	NORTHING: 471247.486	EASTING: 1203982.061

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? Q20	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1105	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-001	NORTHING: 493167.280	EASTING: 1194253.119

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>2x 12mm hex keys</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input checked="" type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u> </u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R52	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1524	WEATHER/TEMPERATURE: Windy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-002	NORTHING: 493411.940	EASTING: 1194579.332

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2 x 5/8"		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input checked="" type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input checked="" type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	1.5 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R48	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1540	WEATHER/TEMPERATURE: Partly cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-003	NORTHING: 493243.143	EASTING: 1194835.371

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	Not present	
BOLLARD CONDITION:	<input checked="" type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R35	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1006	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-302	NORTHING: 492774.686	EASTING: 1194171.565

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R26	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1050	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-303	NORTHING: 492808.825	EASTING: 1194514.848

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R21	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input checked="" type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1138	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-305	NORTHING: 493019.346	EASTING: 1194490.192

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R30	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input checked="" type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1428	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-311	NORTHING: 493317.110	EASTING: 1194258.808

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x size 8 hex key</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6"	
	<input type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R55	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1100	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-334	NORTHING: 493000.380	EASTING: 1194751.921

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R29	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input checked="" type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1120	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-335	NORTHING: 493017.450	EASTING: 1194205.704

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R31	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1505	WEATHER/TEMPERATURE: Windy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-350	NORTHING: 493269.696	EASTING: 1194385.880

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>2x 12mm hex keys</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input type="checkbox"/> BRASS <input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____	
LOCK SHANK LENGTH (estimated):	<u> </u> INCHES	no lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R56	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Monument not secured to ground surface, surrounding material is coarse gravel in a parking lot island

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1502	WEATHER/TEMPERATURE:
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-351	NORTHING: 493226.074	EASTING: 1194488.296

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 12mm hex keys		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE <input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL	
CONCRETE APRON:	<input type="checkbox"/> OTHER: _____	
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> NOT PRESENT <input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN	
NUMBER OF BOLLARDS:	<input type="checkbox"/> INTACT AND LOCKABLE <input type="checkbox"/> DAMAGED	
BOLLARD CONDITION:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT <input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____	
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6"	
	<input type="checkbox"/> 8" <input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS <input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____	
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R56	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK <input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS <input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Monument not secured to ground surface, surrounding material is coarse gravel in a parking lot island

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> POOR
--------------------------------	--



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1740	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-352	NORTHING: 493197.625	EASTING: 1194632.436

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input checked="" type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R32	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1742	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-353	NORTHING: 493209.005	EASTING: 1194740.542

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input checked="" type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R33	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1540	WEATHER/TEMPERATURE: Partly cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-354	NORTHING: 493163.487	EASTING: 1194911.234

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R34	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight lid hinge - difficulty accessing

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1108	WEATHER/TEMPERATURE:
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-355	NORTHING: 493055.381	EASTING: 1194941.580

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R59	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1115	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-356	NORTHING: 492932.103	EASTING: 1194878.992

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R28	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input checked="" type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1057	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-357	NORTHING: 492884.689	EASTING: 1194755.714

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>none present</u>		<input type="checkbox"/> OTHER:
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT
	<input type="checkbox"/> OTHER: _____	<input checked="" type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB
		<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL
		<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u> </u> INCHES	no lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT
		<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R48	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input checked="" type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: <u>3</u>

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Bolt holes likely stripped

GENERAL CONDITION (CHECK ONE):	<input type="checkbox"/> GOOD	<input checked="" type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	-------------------------------	--	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1035	WEATHER/TEMPERATURE: Raining, 60ws
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-358	NORTHING: 492744.341	EASTING: 1194560.366

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R40	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1025	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-359	NORTHING: 492732.962	EASTING: 1194456.054

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): _____ INCHES		no lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input checked="" type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R38	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1010	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-360	NORTHING: 492734.858	EASTING: 1194313.810

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R27	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1001	WEATHER/TEMPERATURE:
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-361	NORTHING: 492892.275	EASTING: 1194065.357

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R25	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1451	WEATHER/TEMPERATURE: Windy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-363	NORTHING: 493154.004	EASTING: 1194154.496

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R54	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1535	WEATHER/TEMPERATURE: Partly cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-364	NORTHING: 493339.869	EASTING: 1194844.854

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R36	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Tight hinge-difficulty accessing

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1750	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-365	NORTHING: 493330.386	EASTING: 1194768.990

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input checked="" type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R60	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 0932	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-368	NORTHING: 492488.302	EASTING: 1194911.234

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>3</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R23	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 0935	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-369	NORTHING: 492634.339	EASTING: 1194640.022

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R24	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input checked="" type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

1 bollard leaning

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 0915	WEATHER/TEMPERATURE: Partly cloudy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-371	NORTHING: 492344.161	EASTING: 1194537.607

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 2x 9/16"		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input checked="" type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	2 INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R46	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input checked="" type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: 1

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Monument filled with surface water.

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 0908	WEATHER/TEMPERATURE: Rainy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-372	NORTHING: 492323.299	EASTING: 1194376.397

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input checked="" type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>2</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R45	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Monument filled with surface water

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1015	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-501	NORTHING: 492736.755	EASTING: 1194328.982

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> OTHER: 12" <input type="checkbox"/> 6"
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	no lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R38	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1134	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-502	NORTHING: 493013.656	EASTING: 1194450.364

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R43	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1545	WEATHER/TEMPERATURE: Overcast, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-503	NORTHING: 493182.453	EASTING: 1194689.334

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> OTHER: 12" <input type="checkbox"/> 6"
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): _____ INCHES		no lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R44	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1419	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-504	NORTHING: 493165.383	EASTING: 1194268.291

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3 size 8 hex		<input type="checkbox"/> OTHER:
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT
	<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB
		<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2"	<input type="checkbox"/> 4"
	<input type="checkbox"/> 8"	<input checked="" type="checkbox"/> OTHER: 12"
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL
		<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	no lock
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT
		<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R52	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1441	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-505	NORTHING: 493161.590	EASTING: 1194355.534

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x size 8 hex</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>none</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> OTHER: <u>12"</u> <input type="checkbox"/> 6"
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL: <u>no lock</u>	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R51	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1030	WEATHER/TEMPERATURE: Rainy, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-506	NORTHING: 492765.204	EASTING: 1194547.0

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____		
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> OTHER: 12" <input type="checkbox"/> 6"
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL: no lock	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated): _____ INCHES		
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input checked="" type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R42	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1040	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Upper Area	
WELL ID: MW-507	NORTHING: 492778.480	EASTING: 1194602.091

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input checked="" type="checkbox"/> OTHER: vault
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input checked="" type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	none	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input checked="" type="checkbox"/> OTHER: 12" <input type="checkbox"/> 6"
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input checked="" type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R40	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1735	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-701	NORTHING: 493267.799	EASTING: 1194613.470

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>3x 5/8"</u>		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
CONCRETE APRON:	<input type="checkbox"/> OTHER: _____	
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	<u>NA</u>	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2"	<input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? R50	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Monumnet filled with surface water

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 0950	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 13	DESCRIPTION: Former Fuel Farm 3, Lower Area	
WELL ID: MW-702	NORTHING: 492588.821	EASTING: 1194471.226

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT	<input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: <u>2x 9/16"</u>			
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____		
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY	<input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED	
NUMBER OF BOLLARDS:	<u>NA</u>		
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB	<input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input type="checkbox"/> 2"	<input checked="" type="checkbox"/> 4"	<input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____	
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG	<input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL	<input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	<u>3</u> INCHES		
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT	<input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? R47	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1322	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 11	DESCRIPTION: Former Fuel Farm 4	
WELL ID: MW-109	NORTHING: 489905.554	EASTING: 1196219.915

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	<input checked="" type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? S6	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input checked="" type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Within site boundary, on hill slope

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1302	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 11	DESCRIPTION: Former Fuel Farm 4	
WELL ID: MW-113 (491)	NORTHING: 490110.901	EASTING: 1196098.417

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID:	_____	
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 _____ INCHES	
LOCK LOCATION:	<input checked="" type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? S10	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
	NUMBER OF BOLTS MISSING: _____	

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Downhill from site, along Forrestal Ave

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1259	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 11	DESCRIPTION: Former Fuel Farm 4	
WELL ID: MW-114 (491)	NORTHING: 490155.393	EASTING: 1196098.417

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3x 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2"	<input type="checkbox"/> 4" <input type="checkbox"/> 6"
	<input type="checkbox"/> 8"	<input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP	<input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION
	<input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> OTHER: _____
LOCK MATERIAL:	<input type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS
	<input type="checkbox"/> PETROLEUM	<input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? S8	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Downhill from site, along Forrestal Ave

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1325	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 11	DESCRIPTION: Former Fuel Farm 4	
WELL ID: MW-114	NORTHING: 489922.666	EASTING: 1196122.375

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input checked="" type="checkbox"/> STICK-UP	<input type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: _____	<input type="checkbox"/> ASPHALT	<input type="checkbox"/> SOIL
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> OTHER: _____
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY
LID CONDITION (STICKUP WELL ONLY):	<input checked="" type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	3	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input checked="" type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> PRODUCTION W/TUBING	<input type="checkbox"/> J-PLUG <input type="checkbox"/> EXPANSION <input checked="" type="checkbox"/> OTHER: <u>QWIK w/ hose clamp</u>
LOCK MATERIAL:	<input checked="" type="checkbox"/> BRASS	<input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____
LOCK SHANK LENGTH (estimated):	3 INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP	<input checked="" type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
ANY ODORS?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> PETROLEUM	<input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS <input type="checkbox"/> OTHER: _____
WERE PICTURES TAKEN? S7	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Within site boundary, on hill slope

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------



NAS Whidbey Island
Oak Harbor, WA
Naval Facilities Engineering Command Northwest

GROUNDWATER MONITORING WELL VISUAL INSPECTION CHECKLIST

DATE(S) (MM DD YY): 09/25/23	TIME (HH:MM): 1255	WEATHER/TEMPERATURE: Raining, 60s
INSPECTOR(S): C. Foster, J. Sandige		COMPANY: Liberty JV
OU AND SITE: Site 11	DESCRIPTION: Former Fuel Farm 4	
WELL ID: MW-115 (491)	NORTHING: 490153.682	EASTING: 1196127.508

INSPECTION CHECKLIST

MONITORING WELL LOCATED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
WELL CLEARLY LABELED?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
MONUMENT IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF WELL CASING:	<input type="checkbox"/> STICK-UP	<input checked="" type="checkbox"/> FLUSH-MOUNT <input type="checkbox"/> OTHER:
SIZE & NUMBER OF BOLTS ON FLUSH-MOUNT LID: 3x 5/8"		
SURROUNDING SURFACE MATERIAL:	<input checked="" type="checkbox"/> CONCRETE	<input type="checkbox"/> ASPHALT <input type="checkbox"/> SOIL
	<input type="checkbox"/> OTHER: _____	
CONCRETE APRON:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> SLOPING AWAY <input type="checkbox"/> SUNKEN
LID CONDITION (STICKUP WELL ONLY):	<input type="checkbox"/> INTACT AND LOCKABLE	<input type="checkbox"/> DAMAGED
NUMBER OF BOLLARDS:	NA	
BOLLARD CONDITION:	<input type="checkbox"/> NOT PRESENT	<input type="checkbox"/> STILL PLUMB <input type="checkbox"/> DAMAGED: _____
CASING DIAMETER:	<input checked="" type="checkbox"/> 2" <input type="checkbox"/> 8"	<input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER: _____
IS THE CASING IN GOOD CONDITION?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
IS THERE A CAP ON THE MONITORING WELL?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
TYPE OF CAP:	<input type="checkbox"/> PVC SLIP CAP <input type="checkbox"/> J-PLUG <input checked="" type="checkbox"/> EXPANSION	
	<input type="checkbox"/> PRODUCTION W/TUBING <input type="checkbox"/> OTHER: _____	
LOCK MATERIAL:	<input type="checkbox"/> BRASS <input type="checkbox"/> STAINLESS STEEL <input type="checkbox"/> OTHER: _____	
LOCK SHANK LENGTH (estimated):	_____ INCHES	
LOCK LOCATION:	<input type="checkbox"/> WELL CAP <input type="checkbox"/> MONUMENT <input type="checkbox"/> BOTH <input type="checkbox"/> FENCE	
ANY EVIDENCE OF TAMPERING WITH THE WELL CASING OR CAP?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	no lock
ANY ODORS?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
IF YES, DESCRIBE ODOR:	<input type="checkbox"/> SOLVENT <input type="checkbox"/> HYDROGEN SULFIDE/ROTTEN EGGS	
	<input type="checkbox"/> PETROLEUM <input type="checkbox"/> OTHER: _____	
WERE PICTURES TAKEN? S9	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

COMMON DEFICIENCIES

COMMON DEFICIENCIES:	<input checked="" type="checkbox"/> MISSING LOCK	<input type="checkbox"/> RUSTY STICK-UP
	<input type="checkbox"/> RUSTY BOLLARDS	<input type="checkbox"/> MISSING BOLTS
		NUMBER OF BOLTS MISSING: _____

ADDITIONAL NOTES OR COMMENTS ON CONDITION

Downhill from site, along Forrestal Ave

GENERAL CONDITION (CHECK ONE):	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> MODERATE	<input type="checkbox"/> POOR
--------------------------------	--	-----------------------------------	-------------------------------

This page is intentionally blank.

Appendix E: Field Notes

This page is intentionally blank.

DCN: LBJV-5006-4067-0009

DCN: LBJV-5006-4067-0009

DCN: LBJV-5006-4067-0009

DCN: LBJV-5006-4067-0009

DCN: LBJV-5006-4067-0009

LIBERTY JV

DCN: LBJV-5006-4067-0009

DCN: LBJV-5006-4067-0009

DCN: LBJV-5006-4067-0009

Appendix F: Drinking Water Well Evaluation

This page is intentionally blank.

Appendix F – Drinking Water Well Evaluation

Land use controls (LUCs) at specified areas/sites at Naval Air Station (NAS) Whidbey Island include restrictions on the use of groundwater within or downgradient of these areas and well installation activities downgradient of these areas, except for monitoring and remediation purposes as authorized by United States Environmental Protection Agency and/or Washington State Department of Ecology. The areas/sites at NAS Whidbey Island where these LUC requirements apply are:

- Operable Unit (OU) 1, Area 6, Current (1969-1980s) Landfill
- OU 2, Area 2, Western Highlands Landfill
- OU 2, Area 3, 1969-1970 Landfill
- OU 2, Area 4, Walker Barn Storage Area
- OU 2, Area 29, Clover Valley Fire School
- OU 5, Area 1, Beach Landfill
- OU 5, Area 31, Former Runway Fire Training School
- OU 5, Area 52, Jet Engine Test Cell
- Site 22, Hangar 5
- Site 36, Former Fuel Farm 1
- Site 35, Former Fuel Farm 2
- Site 13, Former Fuel Farm 3
- Site 11, Former Fuel Farm 4

These areas/sites are located at both the Ault Field and Seaplane Base portions of NAS Whidbey Island. While each of these areas/sites was inspected for evidence of unauthorized well installation or drilling activity, additional effort beyond the site inspection is required to ensure that restrictions on on-site and downgradient well installation and groundwater use are being properly and effectively implemented.

As part of the LUC inspection process, well installation or drilling activities within the boundary of Ault Field and Seaplane Base, as well as within an approximate 1-mile buffer around the boundary of each LUC with drinking water restrictions, are identified (Liberty JV 2023). For domestic wells installed off Navy property, the Navy cannot enforce groundwater use restrictions but will monitor installation records and recommend that groundwater within the 1-mile buffer not be used for domestic purposes. Figures F-1 and F-2 show the 1-mile buffer for sites/areas on Ault Field and

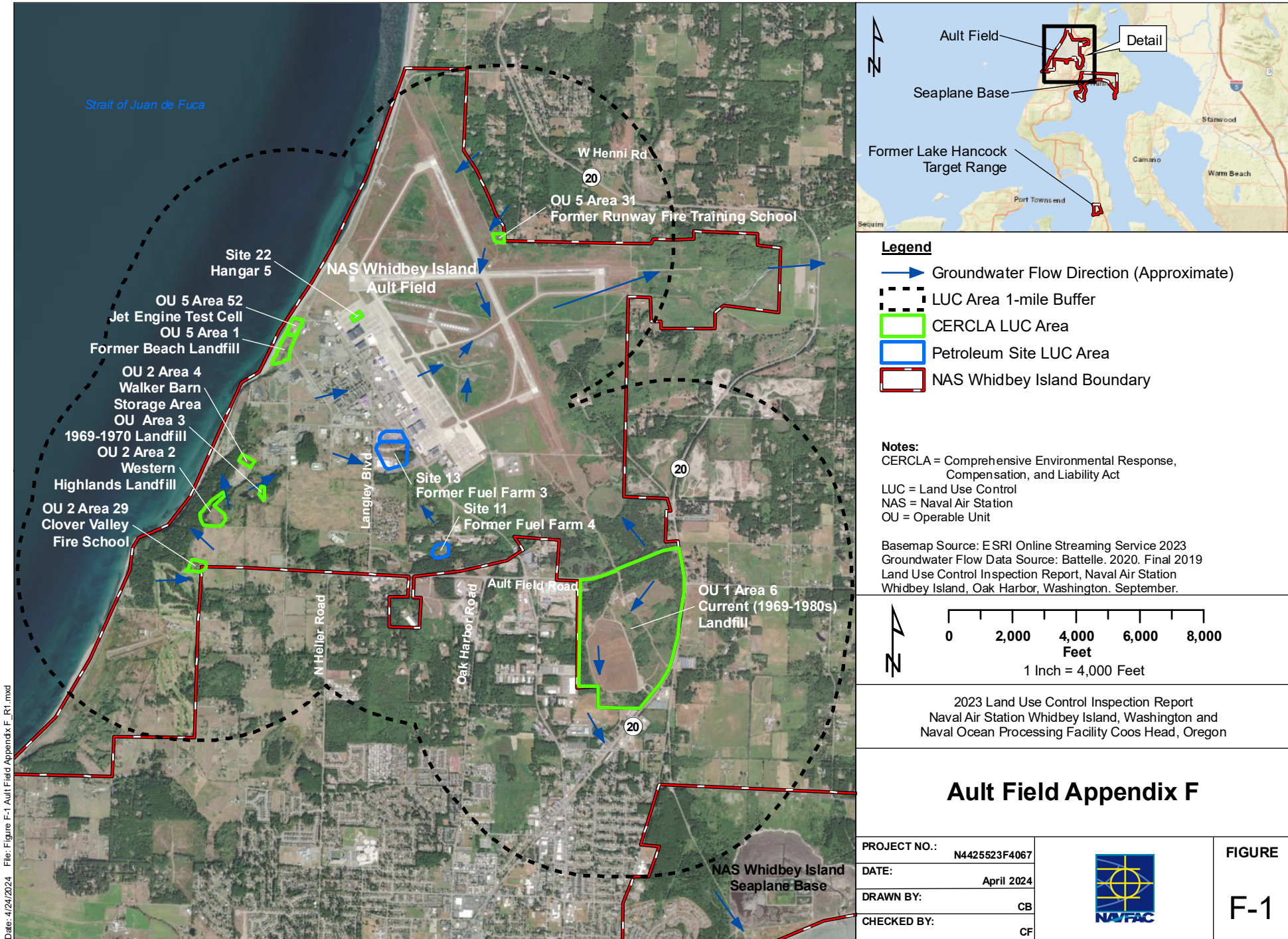
Seaplane Base, respectively. Figure F-1 also illustrates the approximate groundwater flow direction in the vicinity of these area/sites (Battelle 2020). The Island County Public Health database provided a map and list of all wells (including their respective owner name, address, depth, and completion data) installed within this specific area between November 7, 2022 (the date of the 2022 LUC Inspection Report drinking water well query), and October 31, 2023 (the date of the 2023 LUC Inspection Report Island County Public Health query).

No domestic wells were found to have been installed within the 1-mile buffer in the reporting period. The absence of domestic wells installed within the 1-mile buffer in the reporting period, coupled with the groundwater flow directions presented on Figure F-1, indicate that there were no domestic or resource protection wells installed during the reporting period that are located within the boundaries or downgradient of areas/sites with these LUC restrictions.

LUC restrictions on well installation activities and groundwater use within and downgradient of the specific areas/sites listed above are considered to have been properly and effectively implemented to protect human receptors from exposure to groundwater from these areas/sites.

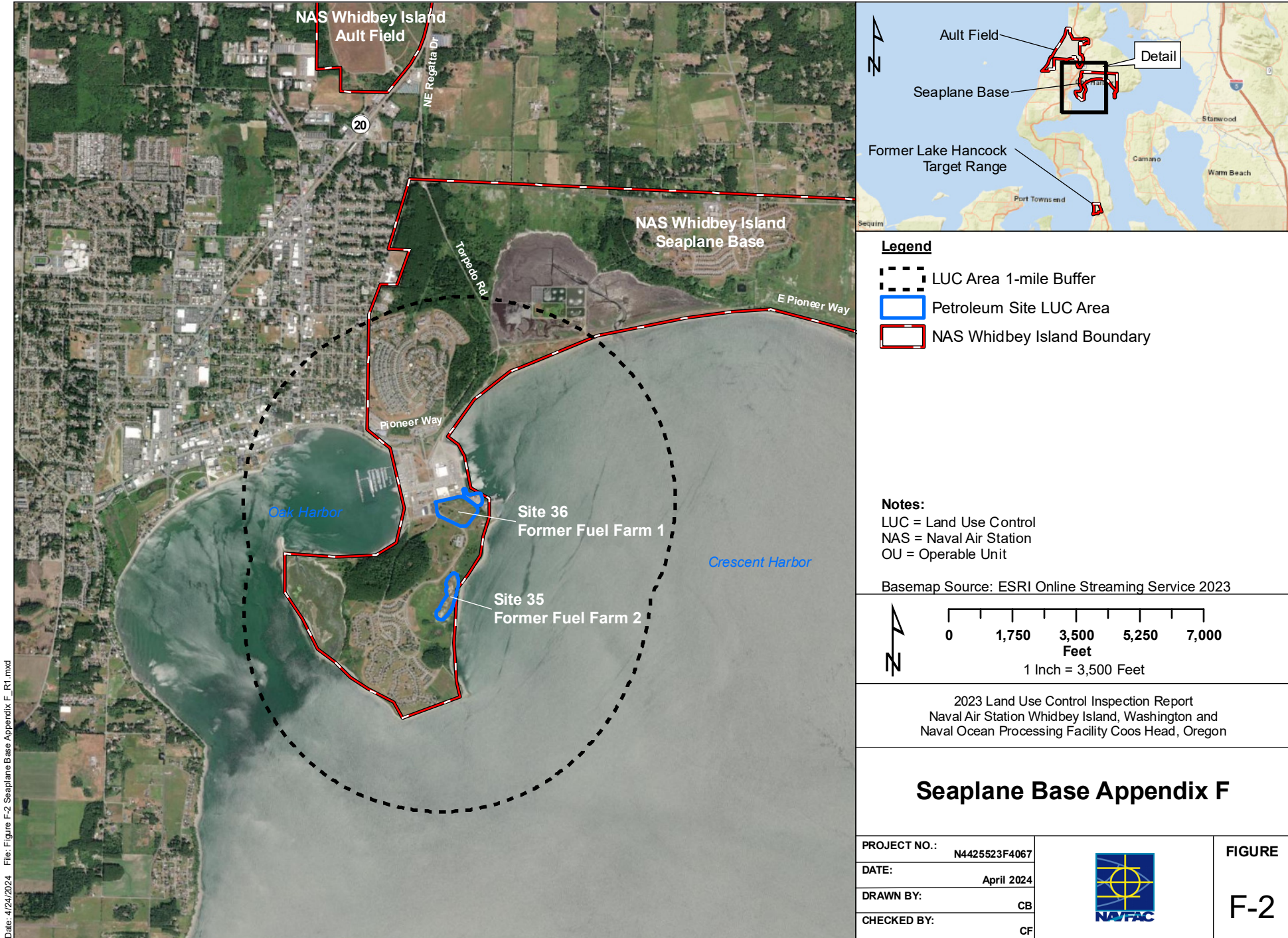
References

- Battelle. 2020. 2019 Land Use Control Inspection Report, Naval Air Station Whidbey Island, Oak Harbor, Washington. Prepared for NAVFAC NW under Contract No. N44255-14-D-9013, Task Order No. N44225519F4057. September.
- Liberty JV. 2023. 2023 Land Use Controls Inspection Work Plan, Naval Air Station Whidbey Island, Oak Harbor, Washington, and Naval Ocean Processing Facility Coos Head, Charleston, Oregon. Prepared for NAVFAC NW under Contract No. N44255-20-D-5006, Task Order No. N4425523F4067. September.



Date: 4/24/2024. File: Figure F-1 Ault Field Appendix F. R1.mxd

This page is intentionally blank.



Date: 4/24/2024. File: Figure F-2 Seaplane Base Appendix F_R1.mxd

This page is intentionally blank.

Appendix G: Responses to Regulator Comments on Draft

This page is intentionally blank.

Site: Naval Air Station Whidbey Island, Land Use Control Inspections,
Document: 2023 Land Use Controls Inspection Report, Contract No. N44255-20-D-5006 TO No. N44255-23F-4067
Date: February 2024
Reviewer: Binod Chaudhary, Washington Dept of Ecology

#	Location in Document (page, section, paragraph, etc.)	Comment	Response (Concur, Do not concur, Exception)
1	General	Few wells are not secure as per checklists in Appendix D. Ecology recommends maintaining unsecured wells in a timely manner and provide a tentative schedule of securing the wells and addressing the land subsidence issue at Site 36, Former Fuel Farm 1. The effect of land subsidence can be seen on the integrity of MW-320.	Concur. The Navy evaluates the findings of these LUC inspections and performs necessary maintenance when found. Some wells in this program do not have monuments that can be secured with a lock on the cap. However, all of these wells are within the controlled access area of Ault Field or Seaplane Base. The potential land subsidence at Former Fuel Farm 1 does not affect the integrity of the remedy. The remedy is still in place and preventing exposure to humans and the environment. The monitoring wells remain functional for required sampling.
2	General	According to Appendix D, box is marked to YES for well clearly labelled. But many photographs do not have a clear well label. Therefore, Ecology recommends taking photographs in such a way that well labels are clearly visible on the photograph.	Concur. Photographs are generally taken in a way that depicts the well label; however, this is not always possible. The area surrounding some wells is vegetated, has obstructions, or labels are too small to be observed at the scale that shows the full well monument. In the future, photographs will be taken in such a way as to document the condition of the well label, when practicable.
3	General	Ecology recommends maintaining signs that are illegible to achieve its purpose.	Concur. Where LUCs require signage, signs will be maintained.
4	General	According to the fourth FYR report, MW-343, MW-338 and MW-502 are discontinued from sampling. Since inspector has smelled petroleum like odors at these wells, Ecology recommends including these wells on upcoming annual sampling.	Do not concur. Sampling has been discontinued at wells MW-343, MW-338, and MW-502 in accordance with the Revised Clean Up Action Plan (Sealaska, 2013). The presence of odors may have been building up in the well from the presence of petroleum-related contaminants in groundwater at concentrations below applicable cleanup levels.

#	Location in Document (page, section, paragraph, etc.)	Comment	Response (Concur, Do not concur, Exception)
5	Sec.2.16.2/ pg. 2-45	Please include a description of fissure shown on the photograph P55 such as length and width of the fissure. Also, compare the nature of fissure with the 2022 observations. Ecology believes that if land subsidence will not be assessed and addressed on time, this may cause exposure of residual contamination to potential receptors. Therefore, a timely maintenance of fissure needs to occur to prevent from further damage.	Concur. Please see the response to comment #1 for more information. The text has been revised as follows: “Within both the Lower and Upper Areas, land use has not changed and remains for industrial purposes. Also, there was no evidence of soil excavation (see Appendix C [Photos P1 through P12]). <i>However, there was a minor fissure in the ground on the northern end of the Upper Area (see Appendix C [Photo P55]). This fissure was also noted in the 2022 LUC inspection report (Liberty JV 2023b) as being 2 inches wide and 100 feet long. Although the fissure appears to have destabilized the surface monuments of these wells, the wells remain in good condition and suitable for groundwater monitoring. As a result, the concrete apron and steel monument of monitoring wells MW-304 and MW-323 are no longer firmly secure and set in the ground (see Appendix C [Photos P24 and P27, respectively]).</i> ”
6	Sec. 2.16.2/pg. 2-45	“The fenced portion of the Upper Area includes a satellite hazardous waste accumulation area and spill prevention kit.” Please include a reference of photograph that shows a satellite accumulation area.	Concur. The satellite hazardous waste accumulation area is shown in Photo P54. An in-text citation to this photo has been added to pg. 2-45.
7	Sec. 2.16.3, pg. 2-48	Ecology does not agree with the conclusion because this site needs maintenance for integrity and security of some wells. Therefore, Ecology recommends revising the conclusion stating that some wells need to be maintained to protect human receptors from exposure to residual contamination in soil and groundwater.	Do not concur. Although the surface monument and stick-up portion of monitoring wells MW-304 and MW-323 are slightly destabilized, this has not caused the integrity or security of these wells to have been compromised. Table 2-26 does include the following recommendation: “further investigation of land subsidence to avoid damage to monitoring wells.”

#	Location in Document (page, section, paragraph, etc.)	Comment	Response (Concur, Do not concur, Exception)
8	Table 2-26	Ecology believes that land subsidence issues at the site is related to LUC at the site because the integrity of the wells will be compromised due to land subsidence. Therefore, this recommendation should be related to LUC and need a timely response to address the issues.	Please see response to comment #7.
9	Sec. 2.17.2/pg. 2-50	As per LUC requirements, if any excavation occurs that must be characterized and disposed of properly. Therefore, Ecology recommends finding the information regarding the small holes observed at the center of the site shown on the photograph Q24.	Concur. The Navy has inquired internally for information regarding these minor soil disturbances; however, this has not yielded any results. It is possible these surficial ground disturbances were caused by digging animals. There was no evidence of removed soil to consider for disposal. As stated in the LUCIR, Section 2.17.2, concentrations of all contaminants of concern in soil from the ground surface to 15 feet below the ground surface were below MTCA Method A cleanup values at the time of the remedial action. The Navy will ensure that site personnel are aware of LUC requirements regarding soil disturbance in the future.
10	Sec. 2.19.2/ pg. 2-57	Please describe about the electric panel in this section that is on the photograph S12 particularly its purposes if known.	Concur. The electrical panel is currently out of service and included in order to provide a comprehensive record of site conditions. The text has been revised as follows: “Based on the field inspection, land use has not changed and remains industrial only. The site encompasses a grassy field accessed via an asphalt road leading uphill to a vehicle turnaround south of Forrestal Avenue. <i>An out of service electrical panel is present in the center of the site (Appendix C [Photo S12]).</i> ” The presence of this electrical panel does not impact or violate LUCs for this site.

#	Location in Document (page, section, paragraph, etc.)	Comment	Response (Concur, Do not concur, Exception)
11	Sec. 2.19.2/pg. 2-57	<p>“One well within the site boundary (MW-102) and one just outside the site boundary to the east (MW-113) are not included in the LUC inspections.”</p> <p>According to the fourth FYR report, these wells are decommissioned. Do these wells still exist at site?</p>	Concur. These wells have been decommissioned. Reference to these wells has been removed from the text and figure.
12	Appendix C General	Timestamps in most photographs are illegible. Therefore, Ecology recommends replacing photographs with legible timestamps.	Do not concur. Timestamps on photographs are not a requirement of this LUCIR.
13	Appendix C General	In figures 2-16 and 2-18, locations of MW-303, MW-310, MW-102 and MW-113 are shown. But photographs of these well are not taken. Also, these wells are not on Table 2-27 and Table 2-31. Can you please confirm whether these wells exist or not at sites?	Concur. Monitoring wells MW-303 and MW-310 at Site 35 Former Fuel Farm 2 and monitoring wells MW-102 and MW-113 at Site 11 Former Fuel Farm 4 have been decommissioned. They have been removed from the figures.
14	Photographs# R44, R45, R42, R41	Pipes are connected to these wells. Please describe about the conditions of pipes in the section 2.18.2 including purpose of the pipes.	Do not concur. The tubing present within these well monuments is related to past remedial actions and are not related to LUCs for this site.
15	Photograph # P44	Monument of this well seems to be displaced from its initial position. But the checklist in Appendix D for this well is marked good for general condition. Did inspector easily open the well cap during inspection? If not, the report should include recommendations for maintenance to prevent from inaccessibility over time.	Do not concur. After reviewing the previous year LUC inspection report, the position of monitoring well MW-358 relative to the monument does not appear to have changed. The inspector did easily open the well cap on this monitoring well.
16	Appendix D General	In checklists of some wells, box is marked for odor although inspectors could not open the well cap. Did inspector smell odor with the well cap closed? Ecology also recommends for a timely maintenance of those well caps in which inspector could not inspect the interior of wells due to tight lids.	In some cases, petroleum odor may have been observed within the well monument even if the inner casing could not be accessed. The Navy will perform maintenance on monitoring wells as necessary.

#	Location in Document (page, section, paragraph, etc.)	Comment	Response (Concur, Do not concur, Exception)
17	Appendix D General	Several photograph numbers in the checklists are not matching with the photograph numbers in Appendix C. So, please make corrections for the photograph numbers on the respective checklist.	Concur. Appendix D has been checked and edited to match the photolog.
18	MW-109 and MW-114	MW-109 is on earthen area and there is no concrete apron. But the concrete is marked on the checklist. Please make correction on the checklist.	Do not concur. Both of these monitoring wells have concrete aprons observed by the inspectors; however, soil and grass cover the concrete such that it is not visible in the photographs.



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3188

SUPERFUND AND
EMERGENCY MANAGEMENT
DIVISION

March 27, 2024

**USEPA Region 10 Review/Comments
Project Site: Naval Air Station – Whidbey Island
DOCUMENT: Draft 2023 Land Use Controls Inspection Report, Naval Air Station
Whidbey Island, Oak Harbor, Washington, February 2024**

USEPA Reviewers: Chan Pongkhamsing

General Comments:

Thank you to Washington Dept of Ecology's Binod Chaudhary for conducting a thorough review of this draft 2023 LUC IR. It is very helpful to get new eyes on this report.

In order to not be redundant with the same feedback, EPA agrees with the comments provided by Ecology and concur on their recommendations.

EPA does not have additional comments/recommendations.