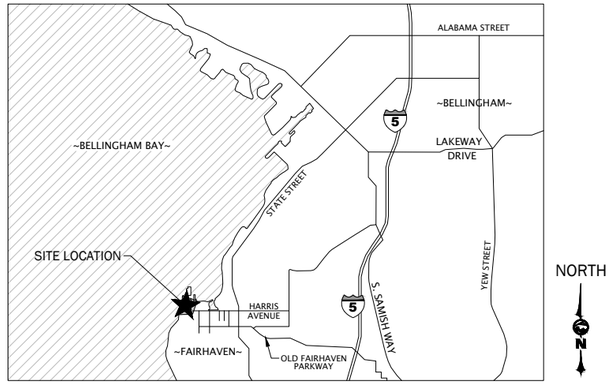
APPENDIX F

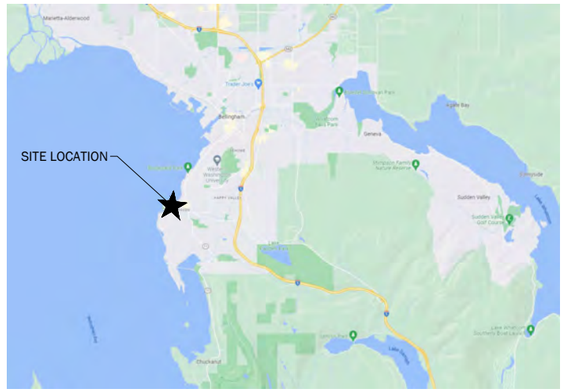
As-Built Plan Set

AS-BUILT PLAN SET

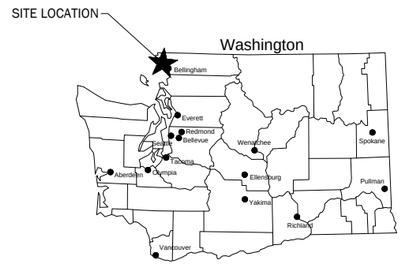
HARRIS AVENUE SHIPYARD UPLAND CLEANUP ACTION
BELLINGHAM, WASHINGTON



VICINITY MAP (NOT TO SCALE)



LOCATION MAP (NOT TO SCALE)



BASIS OF SURVEY
SURVEY COMPLETED BY: WILSON ENGINEERING, BELLINGHAM, WASHINGTON, MAY, 2022.

HORIZONTAL DATUM:
WASHINGTON STATE PLANE NAD83(1998) GROUND-LEVEL US-FOOT VALUES, PER THE CITY OF BELLINGHAM 2005 HORIZONTAL CONTROL NETWORK, ACCORDING TO THE RECORD OF SURVEY OF SAME RECORDED UNDER WHATCOM COUNTY AUDITOR'S FILE NO. 2071002449.

BASIS OF COORDINATES: COORDINATION AND MENSURATION ARE LOCAL GROUND VALUES, BASED UPON HOLDING THE PUBLISHED NAD83(1998) POSITION FOR THE BRASS-DISK SURFACE CITY OF BELLINGHAM MONUMENT 800, LOCATED IAT THE CENTERLINE INTERSECTION OF 6TH STREET AND HARRIS AVENUE. SAID MONUMENT HAS THE FOLLOWING PUBLISHED POSITION:

NORTHING = 631,880.321 USFT
EASTING = 1,235,889.653 USFT
SCALE FACTOR : 0.99999754
CONV. ANGLE : -01° 14' 53"

BASIS OF BEARINGS: BEARINGS ARE WASHINGTON STATE PLANE NAD83(1998) GRID, BASED UPON HOLDING THE PUBLISHED POSITIONS MONUMENTED BY CITY OF BELLINGHAM CADASTRAL CONTROL POINTS #800 AND #388, SAID CONTROL POINT #388 BEING A BRONZE-DISK MONUMENT AT THE INTERSECTION OF 10TH STREET AND DOUGLAS AVENUE.

THE DERIVED INVERSE BETWEEN SAID MONUMENTS #800 AND #388 IS:
NORTH 39° 51' 50" EAST, AT A DISTANCE OF 1792.96 USFT. THE PUBLISHED POSITION FOR THE CITY OF BELLINGHAM CADASTRAL SURVEY MONUMENT # 797 IS:

NORTHING = 633,256.544 USFT
EASTING = 1,237,038.879 USFT
SCALE FACTOR: 0.99999825
CONV. ANGLE: -1° 14' 38"

VERTICAL DATUM:
NAVD88, PER THE CITY OF BELLINGHAM ELEVATION DATUM AND CONTROL BENCHMARK DATABASE.

BASIS OF ELEVATIONS: ELEVATIONS ARE NAVD88 VALUES, BASED UPON HOLDING THE PUBLISHED ELEVATION FOR CITY OF BELLINGHAM REFERENCE BENCHMARK #4268, BEING A BRONZE-DISK MONUMENT IN THE PARAPET OF THE BOX CULVERT FOR PADDEN CREEK ON THE SOUTH SIDE OF HARRIS AVENUE. SAID MONUMENT HAD THE FOLLOWING PUBLISHED NAVD88 ELEVATION AT THE TIME OF SURVEY:
ELEVATION = 14.96 FEET

ENGINEER:
GEOSYNTEC CONSULTANTS
801 5TH AVENUE, SUITE 2200, SEATTLE, WA 98104
ATTN: ERIC J. MARHOFER, P.E.
PHONE: 206-838-6582

PROPERTY, OWNER, AND LEGAL DESCRIPTION

ADDRESS: 201 HARRIS AVE, BELLINGHAM, WA 98225
OWNER: PORT OF BELLINGHAM, WASHINGTON
SEC–TWN–RNG–QTR: SEC 30, TWP 38N, RNG 2E

LEGAL DESCRIPTION: LOTS 2 AND 3 PORT OF BELLINGHAM FAIRHAVEN TERMINAL LLA AS & FAIRHAVEN TIDELANDS IMPROVEMENTS ONLY

WHATCOM COUNTY PROPERTY IDs: 17743, 17744, 17746
LOT AREA SQUARE FOOTAGE: 2.5 ACRES (17743),
0.0 ACRES (17744), 0.82 ACRES (17746)
PRIMARY STRUCTURE SQUARE FOOTAGE: 37,551 SQFT

SHEET NO.	DESCRIPTION	SHEET
G-01	COVER SHEET, LOCATION MAP, AND DRAWING INDEX	1
C-01	CLEANUP AREA 1 EXCAVATION PLAN	2
C-02	CLEANUP AREA 2 EXCAVATION PLAN	3
C-03	GRADING AND RESTORATION PLAN	4
C-04	STORMWATER DRAINAGE PLAN	5

AS-BUILT
JUNE 2026

REV.	DESCRIPTION	DATE	APPR.
-	-	-	-

PORT OF BELLINGHAM Washington State

DESIGNED BY: EBP/EJM
DRAWN BY: CMV
REVISED BY: -

Geosyntec consultants

PROJECT NUMBER: 26005343-004-007
REVISION: AS-BUILT
DATE: 04-29-2026

COVER SHEET AND DRAWING INDEX

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD
BELLINGHAM, WASHINGTON

SHEET REFERENCE NUMBER:
G-01
SHEET 1 OF 5

C:\GDT Path: Q:\Port of Bellingham\2013\05 Harris\Shpyrd\2023-01 Revised Plans_Regrade 3\Acad\cd\G-01 ARBuild.dwg, Layout: G-01 | | Date Saved: 5/27/2026 4:00:24 PM | | User: mathan.althouse

HARRIS AVENUE PIER

~CONCRETE~

~ASPHALT~

SIDETRACK AREA

RAILWAY WALKWAY

MARINE RAILWAY

RAILWAY WALKWAY

MARINE RAIL AREA

SEE SHEET C-02 FOR CA2 EXCAVATION DETAILS

STUB PIER

EXISTING REVETMENT

ARCHAEOLOGICAL MATERIALS ENCOUNTERED

CARPORT WITH GRAVEL SURFACE

MAINTENANCE AND FABRICATION SHOP

OFFICE TRAILER

OFFICE TRAILER

RESTROOM TRAILER

HYDRANT AND TRANSFORMER (PROTECTED)

WAREHOUSE

LEGEND

- EXISTING GRADE ELEVATION
- CA 1 SUBGRADE CONTOURS
- PROJECT LIMITS
- CA 1 EXCAVATION AREA
- CA 2 EXCAVATION AREAS
- APPROXIMATE TOP OF WALLS AND SHORELINE STRUCTURES

0 15 30 Feet

AS-BUILT
JUNE 2026

APPR.	DATE	DESCRIPTION	REV.

PORT OF BELLINGHAM Washington State

DESIGNED BY: EBP/EJM
DRAWN BY: CMV
REVISED BY: -

Geosyntec consultants

PROJECT NUMBER: 26005343-004-007
REVISION: AS-BUILT
DATE: 04-29-2026

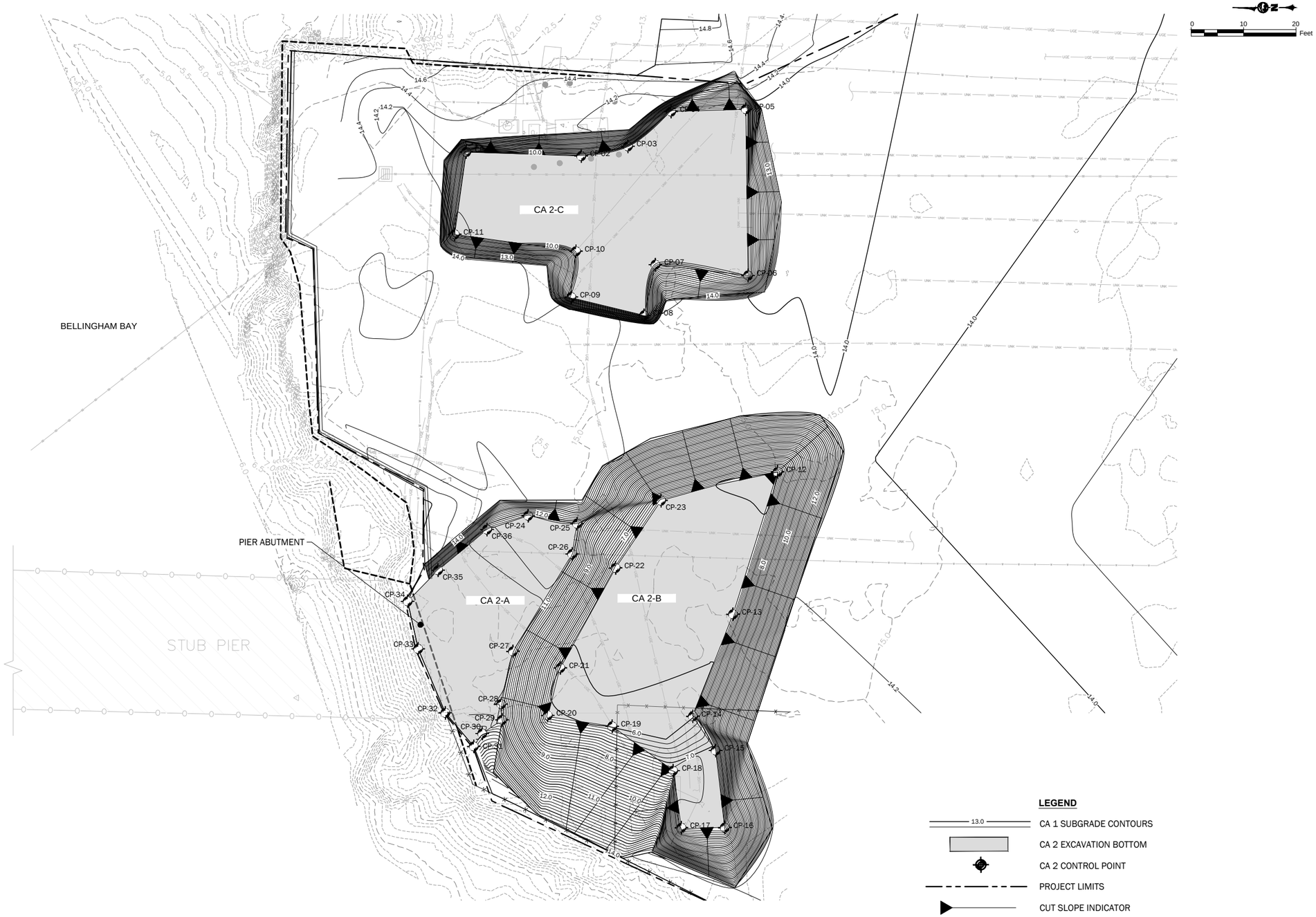
CLEANUP AREA 1
EXCAVATION PLAN

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD
BELLINGHAM, WASHINGTON

SHEET REFERENCE NUMBER:
C-01
SHEET **2** *OF* **5**

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CA2 Control Point Table		
Point ID	Northing	Easting
CP-01	632246.6254	1234469.7839
CP-02	632224.6834	1234469.0032
CP-03	632215.7830	1234470.8546
CP-04	632207.5515	1234477.4888
CP-05	632193.3006	1234477.9517
CP-06	632192.8683	1234446.2062
CP-07	632210.5388	1234448.2685
CP-08	632212.6996	1234438.6000
CP-09	632226.5904	1234442.0972
CP-10	632225.6976	1234450.8320
CP-11	632248.8258	1234454.0655
CP-12	632187.2335	1234408.7258
CP-13	632195.7341	1234381.5593
CP-14	632203.3994	1234362.0827
CP-15	632199.0505	1234355.5618
CP-16	632197.3195	1234340.8352
CP-17	632205.5832	1234340.8244
CP-18	632207.1641	1234351.7012
CP-19	632218.7827	1234360.1686
CP-20	632231.0963	1234362.2521
CP-21	632228.6850	1234371.3223
CP-22	632218.1327	1234390.3994
CP-23	632209.4692	1234403.2548
CP-24	632234.8160	1234400.3600
CP-25	632225.4960	1234398.8340
CP-26	632226.4230	1234393.0600
CP-27	632237.7060	1234374.4720
CP-28	632239.9586	1234364.4122
CP-29	632239.7800	1234361.3930
CP-30	632243.5760	1234358.7980
CP-31	632245.1840	1234356.3330
CP-32	632250.6120	1234362.7350
CP-33	632255.7940	1234374.9580
CP-34	632257.8030	1234384.0250
CP-35	632252.0100	1234389.9670
CP-36	632242.6640	1234397.7330



LEGEND

- 13.0 — CA 1 SUBGRADE CONTOURS
- CA 2 EXCAVATION BOTTOM
- CA 2 CONTROL POINT
- PROJECT LIMITS
- CUT SLOPE INDICATOR
- APPROXIMATE TOP OF WALLS AND SHORELINE STRUCTURES

AS-BUILT
JUNE 2026

APPR.	DATE	DESCRIPTION	REV.

PORT OF BELLINGHAM
Washington State

DESIGNED BY: EBP/EJM
DRAWN BY: CMV
REVISED BY: -

Geosyntec consultants

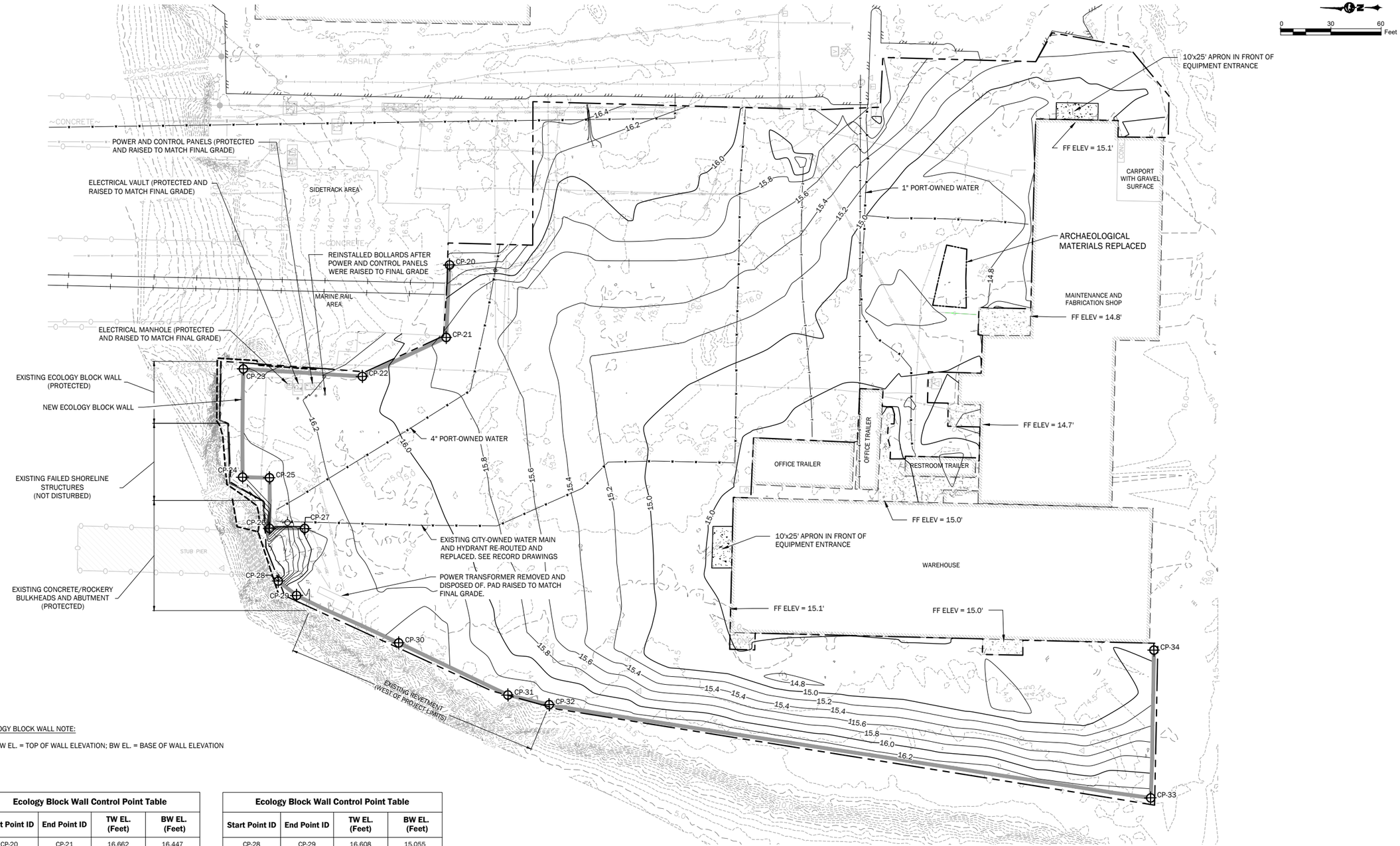
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REVISION: AS-BUILT
DATE: 04-29-2026

CLEANUP AREA 2 EXCAVATION PLAN

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD
BELLINGHAM, WASHINGTON

SHEET REFERENCE NUMBER:
C-02
SHEET **3** *OF* **5**

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ECOLOGY BLOCK WALL NOTE:

1. TW EL. = TOP OF WALL ELEVATION; BW EL. = BASE OF WALL ELEVATION

Ecology Block Wall Control Point Table

Start Point ID	End Point ID	TW EL. (Feet)	BW EL. (Feet)
CP-20	CP-21	16.662	16.447
CP-21	CP-22	16.153	15.77
CP-22	CP-23	16.157	16.122
CP-23	CP-24	16.581	16.393
CP-24	CP-35	16.652	16.423
CP-25	CP-26	16.654	16.477
CP-26	CP-27	16.7780	16.189
CP-27	N/A	16.795	16.162

Ecology Block Wall Control Point Table

Start Point ID	End Point ID	TW EL. (Feet)	BW EL. (Feet)
CP-28	CP-29	16.608	15.055
CP-29	CP-30	16.655	16.166
CP-30	CP-31	16.6120	16.53
CP-31	CP-32	16.645	16.316
CP-32	CP-33	16.606	16.328
CP-33	CP-34	16.546	16.291
CP-34	N/A	15.628	14.992

LEGEND

- PROJECT LIMITS
- 15.0 / 14.9 FINAL GRADE CONTOURS (0.1' INTERVALS)
- CONCRETE PAD
- ECOLOGY BLOCK WALL
- CP-20 ECOLOGY BLOCK WALL CONTROL POINT
- WATER LINE
- SEWER LINE
- TELECOMMUNICATION LINE
- APPROXIMATE TOP OF WALLS AND SHORELINE STRUCTURES

AS-BUILT
JUNE 2026

XX/XX/2026

REV.	DESCRIPTION	DATE	APPR.

PORT OF BELLINGHAM Washington State

DESIGNED BY: EBP/EJM
DRAWN BY: CMV
REVISED BY: -

Geosyntec consultants

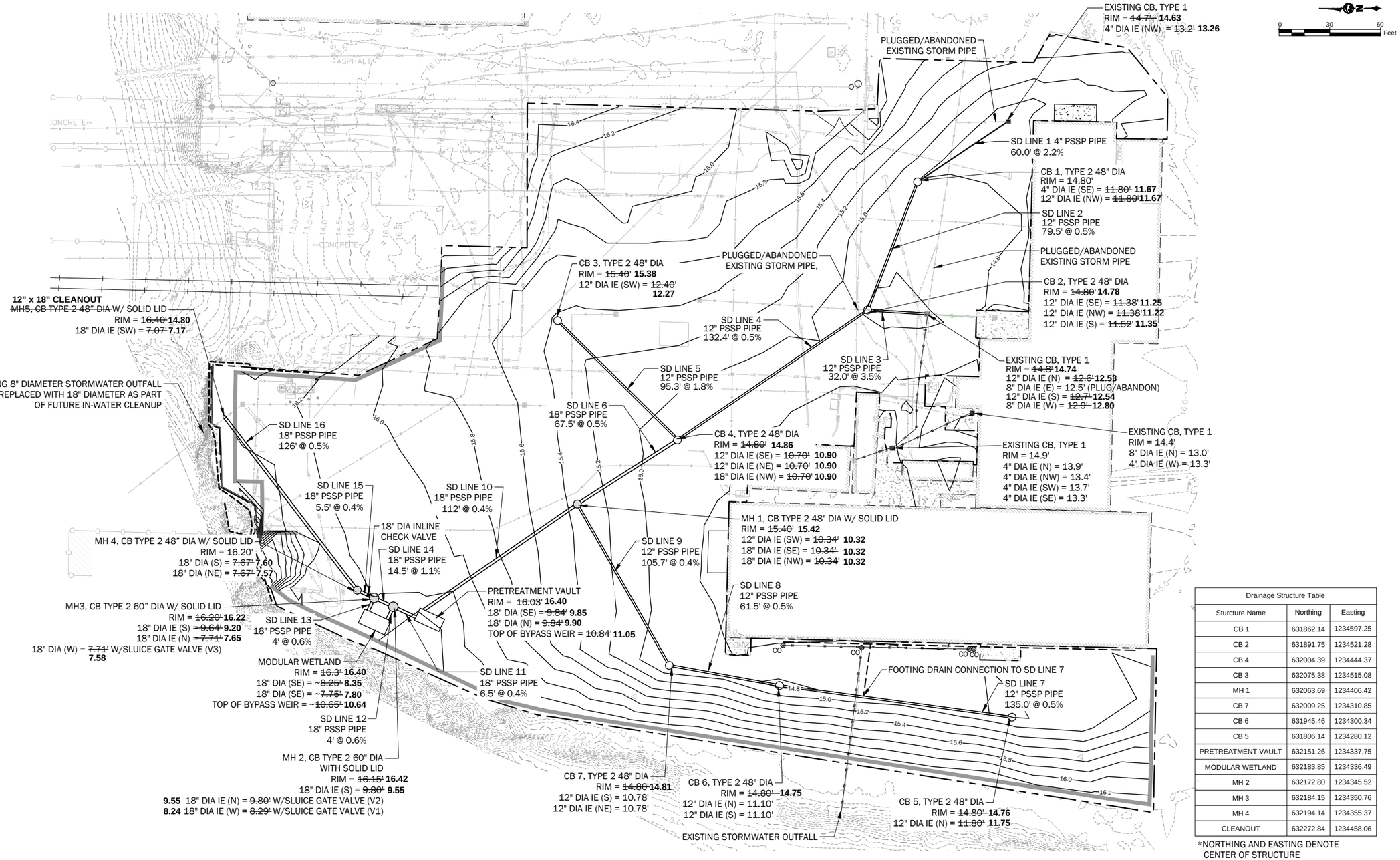
PROJECT NUMBER: 26005343-004-007
REVISION: AS-BUILT
DATE: 04-29-2026

FINAL GRADING AND RESTORATION PLAN

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD
BELLINGHAM, WASHINGTON

SHEET REFERENCE NUMBER:
C-03
SHEET **4** *OF* **5**

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Drainage Structure Table		
Sturcture Name	Northing	Easting
CB 1	631862.14	1234597.25
CB 2	631891.75	1234521.28
CB 4	632004.39	1234444.37
CB 3	632075.38	1234515.08
MH 1	632063.69	1234406.42
CB 7	632009.25	1234310.85
CB 6	631945.46	1234300.34
CB 5	631806.14	1234280.12
PRETREATMENT VAULT	632151.26	1234337.75
MODULAR WETLAND	632183.85	1234336.49
MH 2	632172.80	1234345.52
MH 3	632184.15	1234350.76
MH 4	632194.14	1234355.37
CLEANOUT	632272.84	1234458.06

*NORTHING AND EASTING DENOTE CENTER OF STRUCTURE

STORMWATER DRAINAGE NOTES

1. DRAINAGE STRUCTURES, INCLUDING FRAMES AND GRATES, WERE DESIGNED TO MEET AASHTO AIRPORT EXTRA HEAVY DUTY LOAD RATING.
2. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY AND ARE FROM THE BEST AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY EXIST.

LEGEND

- PROJECT LIMITS
- STORM CATCH BASIN
- MANHOLE
- STORM DRAIN PIPE (PSSP)
- ECOLOGY BLOCK WALL
- EXISTING STORM DRAIN STRUCTURE
- EXISTING STORM DRAIN CLEANOUT
- EXISTING STORM DRAIN PIPE
- PSSP — POLYETHYLENE STORM SEWER PIPE
- FOOTING DRAIN
- APPROXIMATE TOP OF WALLS AND SHORELINE STRUCTURES

AS-BUILT
JUNE 2026

APPR.	DATE	DESCRIPTION	REV.

PORT OF BELLINGHAM
Washington State

REVISED BY: -
DRAWN BY: CMV
DESIGNED BY: EBP/EJM

Geosyntec consultants

PROJECT NUMBER: 26005343-004-007
REVISION: AS-BUILT
DATE: 04-29-2026

STORMWATER DRAINAGE PLAN

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD
BELLINGHAM, WASHINGTON

SHEET REFERENCE NUMBER:
C-04
SHEET **5** *OF* **5**

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APPENDIX G

Record Drawings for City Water Main Replacement

SECTION 02, TOWNSHIP 37 NORTH, RANGE 02 EAST, WILLAMETTE MERIDIAN, CITY OF BELLINGHAM, WHATCOM COUNTY, WASHINGTON

PORT OF BELLINGHAM

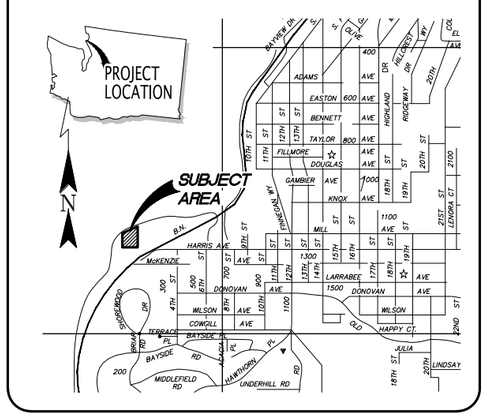
UPLAND CLEANUP ACTION

BELLINGHAM, WA 98225

PFC2025-0007

VICINITY MAP

NTS



EROSION CONTROL LEGEND

- DC — WSDOE BMP C140 DUST CONTROL
- CH — WSDOE BMP C151 CONCRETE HANDLING
- ESL — WSDOE BMP C160 CERTIFIED EROSION AND SEDIMENT CONTROL LEAD

SHEET INDEX

01	SITE PLAN
02	DETAILS
03	WILSON ENGINEERING 1 – W.A.C. 332.130.145 WAC COMPLIANCE (SEE REFERENCED SHEET 01)
04	WILSON ENGINEERING 2 – W.A.C. 332.130.145 WAC COMPLIANCE (SEE REFERENCED SHEET 02)

RECORD DRAWING NOTE:
ONLY INFORMATION NOTED AS "(AB)" HAS BEEN FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

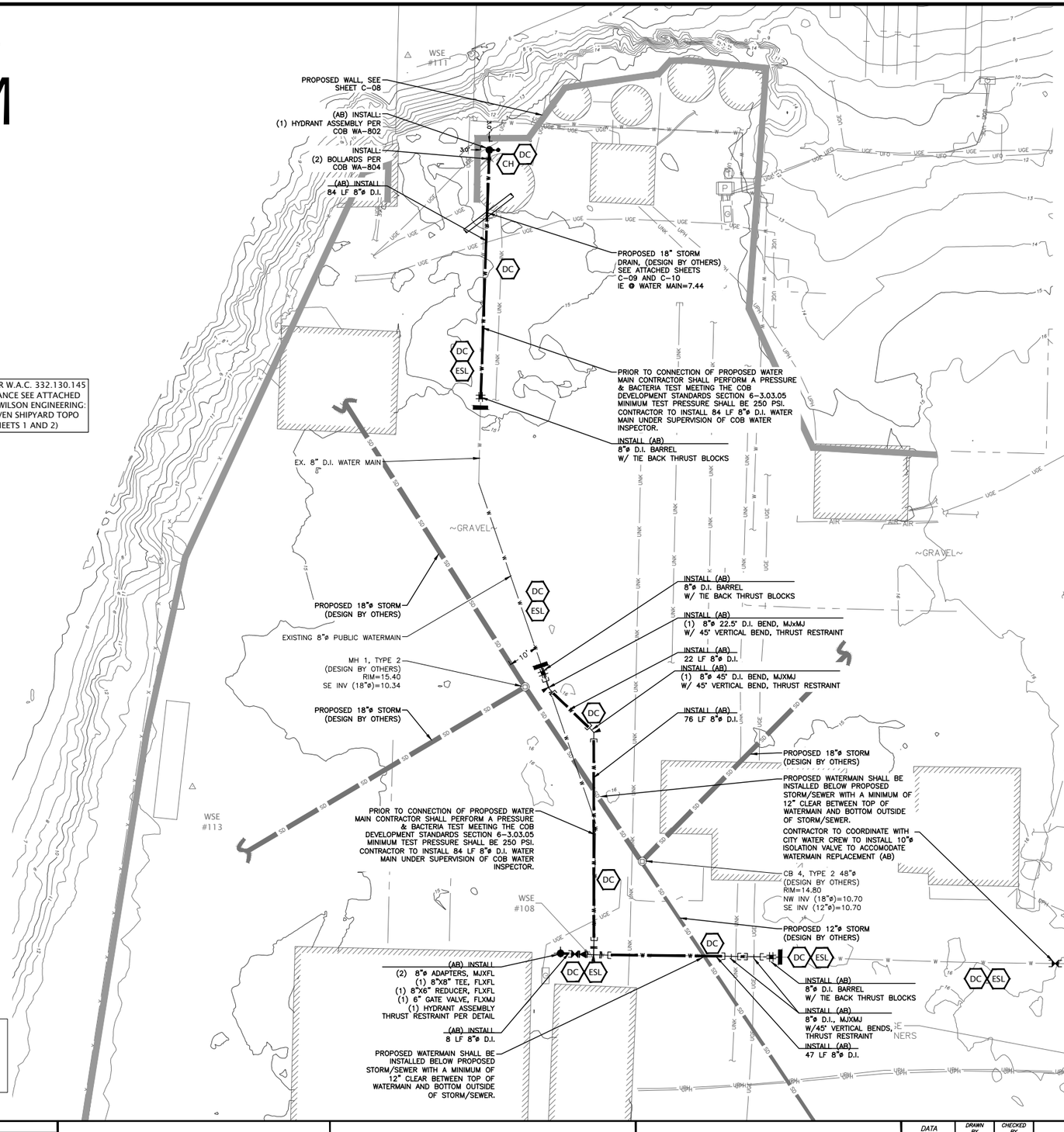
RECORD DRAWING

RECORD DRAWING CERTIFICATION

THIS DRAWING REFLECTS THE WORK AS CONSTRUCTED AND ALL MODIFICATIONS MEET THE PERFORMANCE STANDARDS OF THE ORIGINAL DESIGN.

BY: _____ DATE: 2-9-26

NOTE: FOR W.A.C. 332.130.145 COMPLIANCE SEE ATTACHED SHEETS - WILSON ENGINEERING: FAIRHAVEN SHIPYARD TOPO (SHEETS 1 AND 2)



GRAPHIC SCALE (US SURVEY FEET)

0 20 40

1 inch = 20 feet

CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	11/06/2025	PFC R1 COMMENT RESPONSE	01	02/09/2026	RECORD DRAWINGS

PORT OF BELLINGHAM
PO BOX 1677
BELLINGHAM, WA 98227
(360) 676-2500

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD, BELLINGHAM, WA
PFC2025-0007

SITE PLAN

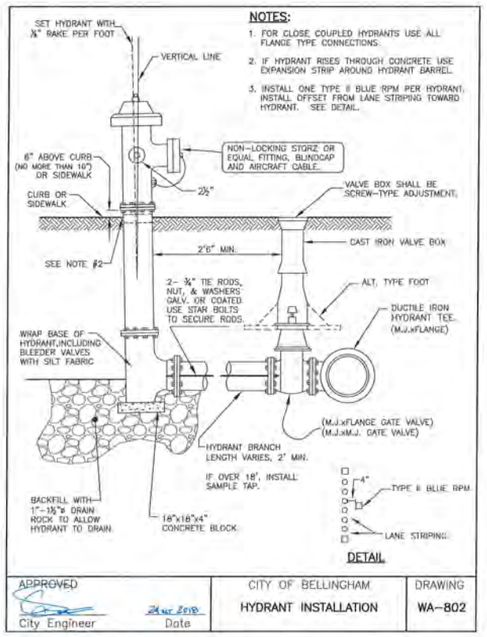
PACIFIC SURVEYING & ENGINEERING, INC.
909 Squalicum Way, Suite 111 | BELLINGHAM, WA 98225
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	XXX	XXX	DESIGN: XXX
DESIGN	XXX	XXX	STAKING: XXX
XREF:	XXX		ASBUILT: XXX
JOB#:	2025049		DATUM
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VERT. SCALE:	SHOWN		VERT.: XXX

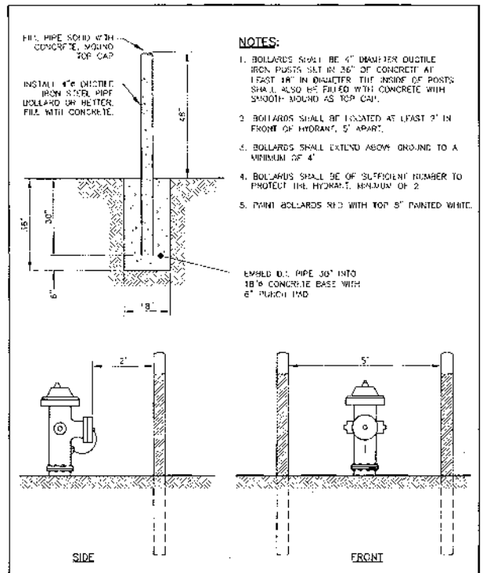
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SHEET 01 OF 04

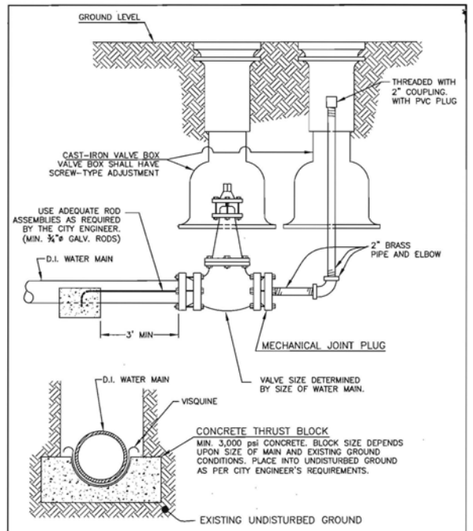




APPROVED	CITY OF BELLINGHAM	DRAWING
City Engineer — Date: 24 MAY 2010	HYDRANT INSTALLATION	WA-802



APPROVED	CITY OF BELLINGHAM	DRAWING
City Engineer — Date: 12-28-09	FIRE HYDRANT PROTECTION BOLLARD DETAIL	WA-804



FULL SIZE VALVE TO BE USED WHERE THE MAIN WILL BE EXTENDED IN THE FUTURE.

APPROVED	CITY OF BELLINGHAM	DRAWING
City Engineer — Date: 2/3/10	BLOW OFF FOR FUTURE WATER MAIN EXTENSIONS	WA-810

BEDDING SPECIFICATIONS FOR DUCTILE IRON PIPE

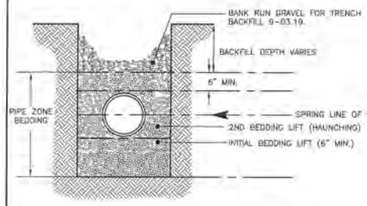
THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS ARE TO BE USED IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, CURRENT EDITION.

BEDDING FOR WATERMAINS FOR DUCTILE IRON PIPE–

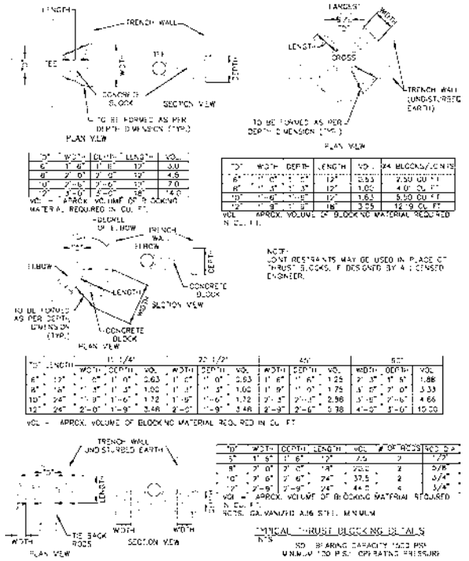
BEDDING MATERIAL FOR DUCTILE IRON PIPE SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:

PIPE ZONE BEDDING – BEDDING SHALL BE A CLEAN GRANULAR MATERIAL FREE FROM ORGANIC MATTER AND CONFORMING TO THE STANDARD SPECIFICATION: 9-03.12(3), GRAVEL BACKFILL FOR PIPE ZONE BEDDING.

BACKFILL – WHEREVER A TRENCH IS EXCAVATED IN THE EXISTING OR PROPOSED ROADWAY, SIDEWALK OR OTHER AREAS WHERE SETTLEMENT WOULD BE DETRIMENTAL THE ENTIRE TRENCH SHALL BE BACKFILLED WITH IMPORTED GRAVEL AND COMPACTED TO 95% OF MAXIMUM DENSITY.



APPROVED	CITY OF BELLINGHAM	DRAWING
City Engineer — Date: 12 FEB 2016	WATER PIPE BEDDING DETAILS	WA-820



NOTE:
WATER MAIN OPERATING PRESSURE IS APPROXIMATELY 200 PSI. THRUST BLOCK & TIE BACK RODS SHALL BE SIZED ACCORDINGLY.

RECORD DRAWING NOTE:
ONLY INFORMATION NOTED AS "(AB)" HAS BEEN FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

RECORD DRAWING

RECORD DRAWING CERTIFICATION

THIS DRAWING REFLECTS THE WORK AS CONSTRUCTED AND ALL MODIFICATIONS MEET THE PERFORMANCE STANDARDS OF THE ORIGINAL DESIGN.

BY: _____ *DATE:* 2-9-26

CALL BEFORE YOU DIG 1-800-424-5555

REVISION	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
1	11/06/2025	PFC R1 COMMENT RESPONSE	01	02/09/2026	RECORD DRAWINGS

PORT OF BELLINGHAM
PO BOX 1677
BELLINGHAM, WA 98227
(360) 676-2500

UPLAND CLEANUP ACTION
HARRIS AVENUE SHIPYARD, BELLINGHAM, WA
PFC2025-0007

DETAILS

PACIFIC SURVEYING & ENGINEERING, INC.
909 Squalicum Way, Suite 111 | BELLINGHAM, WA 98225
T: 360.671.7387 | F: 360.671.4685
WWW.PSESURVEY.COM | INFO@PSESURVEY.COM

DATA	DRAWN BY	CHECKED BY	FIELD BOOKS
BASE	XXX	XXX	DESIGN: XXX
DESIGN	XXX	XXX	STAKING: XXX
XREF: XXX			ASBUILT: XXX
JOB#: 2025049			DATUM
HORIZ. SCALE: SHOWN			HORIZ.: XXX
VERT. SCALE: SHOWN			VERT.: XXX
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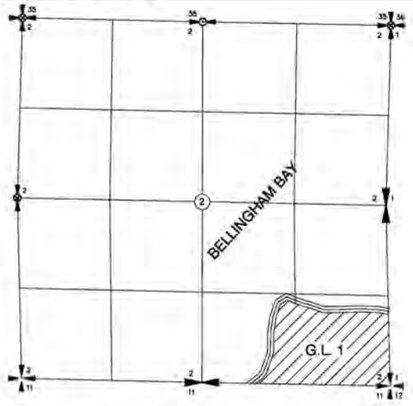
SHEET 02 OF 04

JESSICA VANDERHAEGEN — STATE OF WASHINGTON — 37432 — REGISTERED PROFESSIONAL ENGINEER — 02-09-2026

ANCHOR QEA / PORT OF BELLINGHAM

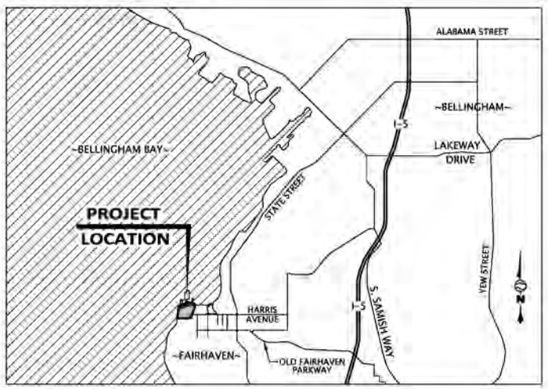
FAIRHAVEN SHIPYARD UAV-BASED TOPOGRAPIC SURVEY
W.A.C. 332-130 COMPLIANCE SHEET

SECTIONAL INDEX DATA



GOV. LOT 1 (SE QTR -SE QTR), SEC. 02 TWNSHP 37 NORTH, R 02 EAST, W.M.

VICINITY MAP - NOT TO SCALE



INDEX TO DRAWINGS

SHEET 1	W.A.C. 332.130.145 COMPLIENCE SHEET
SHEET 2	UAV-DERIVED TOPOGRAPHY

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A LICENSED LAND SURVEYOR IN THE STATE OF WASHINGTON, THAT THIS MAP IS BASED ON AN ACTUAL FIELD SURVEY DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT ALL DATA SHOWN HEREON ACTUALLY EXISTS IN THE LOCATIONS SHOWN AT THE TIME OF THIS SURVEY. THIS TOPOGRAPHIC MAP WAS DONE AT THE REQUEST OF ANCHOR QEA AND THE PORT OF BELLINGHAM IN 2022.

05-20-2022

JOHN THOMAS BREWSTER, P.L.S. NO. 44335 DATE

JOHN THOMAS BREWSTER — STATE OF WASHINGTON — 44335 — REGISTERED PROFESSIONAL LAND SURVEYOR — 05-20-2022

NAVD88 DATUM

811 Call 811 two business days before you dig

W.A.C. 332-130-145 REQUIRED DATA

1.E: THIS SURVEY WAS PREPARED UNDER THE DIRECT SUPERVISION OF:

J. THOMAS BREWSTER, WA PLS #44335
SURVEY MANAGER / PRINCIPAL
WILSON ENGINEERING LLC
805 DUPONT STREET, SUITE 7
BELLINGHAM, WA 98225
360-733-6100 (EXT. 231)
tbrewster@wilsonengineering.com

2.A: BASIS OF ELEVATIONS: ELEVATION VALUES AND CONTOURS DEPICTED ON THIS SURVEY ARE BASED UPON HOLDING AS FIXED THE CITY OF BELLINGHAM'S RECORD NAVD88 DATUM, PER BENCHMARK NO.4268, ACCORDING TO THE CITY OF BELLINGHAM'S 2009 HEIGHT MODERNIZATION SURVEY, AND PUBLISHED DATABASE.

2.B: PURPOSE OF SURVEY: WILSON ENGINEERING PERFORMED THIS SURVEY DURING APRIL AND MAY OF 2022, AT THE REQUEST OF THE ANCHOR QEA PURSUANT TO PRELIMINARY PLANNING AND DESIGN OF A PROPOSED INFRASTRUCTURE IMPROVEMENTS WITHIN THE DEPICTED FAIRHAVEN SHIPYARD BOUNDARY. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT, AND THE DEPICTED PARCEL MAY BE SUBJECT TO ENCUMBRANCES OF RECORD WHICH ARE NOT HEREON DEPICTED, BUT WHICH MIGHT HAVE BEEN DISCLOSED, HAD A CURRENT TITLE REPORT BEEN AVAILABLE. REGARDLESS, THIS IS NOT A BOUNDARY SURVEY, AND NO FEATURE APPEARING TO REPRESENT A BOUNDARY OF OWNERSHIP OR EASEMENT INTEREST SHOULD BE CONSIDERED AUTHORITATIVE.

2.C: SOURCE OF CONTOURS: THE CONTOURS, DEPICTED ON THIS SURVEY ARE BASED ON UAV-BASED PHOTOGRAMMETRIC METHODOLOGIES. ANY ELEVATION INFORMATION, INCLUDING CONTOURS OR ANY FLAGGED ELEVATIONS WAS DERIVED WHOLLY FROM UAV-BASED MEASUREMENTS, AND POSITIONAL/ELEVATION UNCERTAINTY IN EXCESS OF +/- 0.5' SHOULD BE ANTICIPATED FOR ANY FEATURE SO DEPICTED.

2.D: CONTOUR INTERVAL LABELING: MAJOR CONTOURS AT 5-FOOT INTERVALS HAVE BEEN EXPLICITLY LABELED.

2.E: DESCRIPTION OF BENCHMARKS SET PURSUANT TO THIS SURVEY: REFER TO THE ACCOMPANYING "CONTROL TABLE" FOR COORDINATES, ELEVATION, AND DESCRIPTION OF ON-SITE CONTROL SET PURSUANT TO THIS SURVEY.

2.F: ELEVATION AND/OR CONTOUR ACCURACY: IF CONTOURS HAVE BEEN DEPICTED ON THE FACE OF THIS SURVEY, IT IS ANTICIPATED THAT 90% OF ANY MEASURED ELEVATION VALUE, IF OBSERVED RELATIVE TO THE CONTROL POINTS SPECIFICALLY ENUMERATED IN THE ACCOMPANYING CONTROL TABLE, WILL BE, IN FACT, WITHIN ONE-HALF OF THE MINOR-CONTOUR INTERVAL DEPICTED HEREON. SPECIFIC ELEVATIONS DEPICTED HEREON, IF ANY, ARE EXPECTED TO BE WITHIN ONE INTEGRAL VALUE OF THE FINAL DEPICTED SIGNIFICANT FIGURE. THAT IS, 90% OF ELEVATIONS EXPRESSED TO THE TENTH-FOOT, SHOULD BE WITHIN 0.1 FEET OF THAT VALUE, IF OBSERVED RELATIVE TO THE SURVEY CONTROL SPECIFICALLY ENUMERATED IN THE ACCOMPANYING CONTROL TABLE. IF OFF-SITE OR THIRD-PARTY CONTROL IS EMPLOYED, EVEN CONTROL PURPORTING TO BE ON THE SAME DATUM OR BASED ON THE SAME OFF-SITE BENCHMARK, THEN NO ABSOLUTE STATEMENT REGARDING THE ACCURACY OF THE DEPICTED POINTS CAN BE MADE, AND VALUES SO OBSERVED ARE OUTSIDE OF THIS SURVEY'S AUTHORITY OR INTEREST. ANY SURFACE MODEL DERIVED FROM UAV DATA, INCLUDING THIS ONE, MAY BE SUBJECT TO ADDITIONAL LOCALIZED ERROR THAT CANNOT BE MODELED OR ANTICIPATED, AND THIS SURVEY SHOULD NOT BE USED AS THE BASIS FOR PRECISE ENGINEERING-DESIGN COMPUTATIONS REQUIRING DATA QUALITY MORE PRECISE THAN +/- 1' HORIZONTALLY OR VERTICALLY.

2.G: STATEMENT OF USE: AS NOTED IN SECTION 2.B, THIS SURVEY WAS PREPARED FOR THE SPECIFIC PURPOSE OF PRELIMINARY PLANNING AND DESIGN WORK FOR INFRASTRUCTURE IMPROVEMENTS. IN THE COURSE OF PREPARING THIS SURVEY, PURSUANT TO THIS PURPOSE, ANCILLARY DATA NECESSARY TO ACCOMPLISH THIS SURVEY'S INTENDED PURPOSE MAY HAVE BEEN CAPTURED. IN THE CASE OF THIS SURVEY THE DEPICTED STRUCTURAL FEATURES, INCLUDING, BUT NOT LIMITED TO, DOCKS, SLIPS, AND LAUNCH FACILITIES SHOULD NOT BE CONSIDERED COMPREHENSIVE OR AUTHORITATIVE.

2.H: SOURCE OF CONTROLLING BOUNDARY INFORMATION: NO OWNERSHIP BOUNDARIES ARE DEPICTED ON THIS SURVEY, AND ANY LINE OR FEATURE APPEARING TO REPRESENT AN OWNERSHIP OR EASEMENT BOUNDARY IS INADVERTENT AND SHOULD BE DISREGARDED.

3.A: SOURCE OF DEPICTED UTILITY INFORMATION: UTILITY LINES DEPICTED ON THIS SURVEY ARE BASED UPON PAINT MARKS SET BY UTILITY-LOCATE PROFESSIONALS, AS ACQUIRED THROUGH THE APS UTILITY-LOCATE SERVICE. THE DEPICTED UTILITIES ARE LIMITED TO THOSE FEATURES WHICH WERE ACQUIRED FROM UAV IMAGERY, ONLY, AND ADDITIONAL FACILITIES MAY, AND PROBABLY DO, EXIST WHICH ARE NOT HEREON DEPICTED.

3.B: ACCURACY OF DEPICTED UTILITY INFORMATION: WILSON ENGINEERING DOES NOT PROVIDE FOR-HIRE UTILITY LOCATION AND/OR MARKING SERVICES, AND CAN NOT INDEPENDENTLY ASCERTAIN THE ACCURACY OF ANY DEPICTED UTILITY THAT WAS NOT DIRECTLY OBSERVED IN THE COURSE OF THIS SURVEY.

3.C: STATEMENT OF LIMITATIONS REGARDING UTILITY-DEPICTION ACCURACY: ANCHOR QEA AND THE PORT OF BELLINGHAM HAVE BEEN NOTIFIED THAT WILSON CAN NOT, AND DOES NOT, GUARANTEE THE ACCURACY, AT ANY LEVEL, OF DEPICTED UTILITIES BASED ON THIRD-PARTY PAINT MARKS OR RECORD INFORMATION.

CONTROL NOTES

HORIZONTAL DATUM:
WASHINGTON STATE PLANE NAD83(1998) GROUND-LEVEL US-FOOT VALUES, PER THE CITY OF BELLINGHAM 2005 HORIZONTAL CONTROL NETWORK, ACCORDING TO THE RECORD OF SURVEY OF SAME RECORDED UNDER WHATCOM COUNTY AUDITOR'S FILE NO. 2071002449.

BASIS OF COORDINATES: COORDINATION AND MENSURATION ARE LOCAL GROUND VALUES, BASED UPON HOLDING THE PUBLISHED NAD83(1998) POSITION FOR THE BRASS-DISK SURFACE CITY OF BELLINGHAM MONUMENT **800**, LOCATED IAT THE CENTERLINE INTERSECTION OF 6TH STREET AND HARRIS AVENUE. SAID MONUMENT HAS THE FOLLOWING PUBLISHED POSITION:

NORTHING =	631,880.321	USFT
EASTING =	1,235,889.653	USFT
SCALE FACTOR:	0.99999754	
CONV. ANGLE:	-01° 14' 53"	

BASIS OF BEARINGS: BEARINGS ARE WASHINGTON STATE PLANE NAD83(1998) GRID, BASED UPON HOLDING THE PUBLISHED POSITIONS MONUMENTED BY CITY OF BELLINGHAM CADASTRAL CONTROL POINTS **#800** AND **#388**, SAID CONTROL POINT #388 BEING A BRONZE-DISK MONUMENT AT THE INTERSECTION OF 10TH STREET AND DOUGLAS AVENUE.

THE DERIVED INVERSE BETWEEN SAID MONUMENTS **#800** AND **#388** IS: **NORTH 39° 51' 50" EAST**, AT A DISTANCE OF **1792.96 USFT**. THE PUBLISHED POSITION FOR THE CITY OF BELLINGHAM CADASTRAL SURVEY MONUMENT # 797 IS:

NORTHING =	633,256.544	USFT
EASTING =	1,237,038.879	USFT
SCALE FACTOR:	0.99999825	
CONV. ANGLE:	-1° 14' 38"	

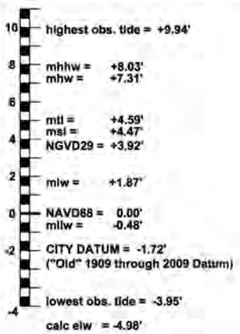
VERTICAL DATUM:
NAVD88, PER THE CITY OF BELLINGHAM ELEVATION DATUM AND CONTROL BENCHMARK DATABASE.

BASIS OF ELEVATIONS: ELEVATIONS ARE NAVD88 VALUES, BASED UPON HOLDING THE PUBLISHED ELEVATION FOR CITY OF BELLINGHAM REFERENCE BENCHMARK **#4268**, BEING A BRONZE-DISK MONUMENT IN THE PARAPET OF THE BOX CULVERT FOR PADDEN CREEK ON THE SOUTH SIDE OF HARRIS AVENUE. SAID MONUMENT HAD THE FOLLOWING PUBLISHED NAVD88 ELEVATION AT THE TIME OF SURVEY:
ELEVATION = 14.96 FEET

ON-SITE SURVEY CONTROL TABLE

POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
100	631892.29	1235319.30	12.52	CITY CAD BRASS-DISK MON. 797
101	631880.32	1235889.65	14.04	CITY CAD BRASS-DISK MON. 800
102	631919.76	1234854.57	15.19	SET WSE MAG NAIL & WASHER
103	632083.05	1234851.41	14.92	SET WSE MAG NAIL & WASHER
104	632270.45	1234854.70	14.67	SET WSE TRAV SPIKE
105	631763.50	1234685.42	15.39	SET WSE MAG NAIL & WASHER
106	631891.93	1234658.18	15.76	SET WSE TRAV REBAR/CAP
107	632321.51	1234642.04	14.43	SET WSE MAG NAIL & WASHER
108	631973.06	1234427.25	15.50	SET WSE TRAV REBAR/CAP
111	632279.04	1234365.62	15.05	SET WSE MAG NAIL & WASHER
113	632030.20	1234292.32	14.22	SET WSE TRAV REBAR/CAP
114	631765.77	1234256.74	14.27	SET WSE TRAV REBAR/CAP

DATUM CONVERSION SCALE
(PER NOAA STATION DATA SHEET #9449211)



SURVEYOR'S NOTES

1. THIS TOPOGRAPHIC SURVEY UTILIZED A VARIETY OF SURVEY METHODOLOGIES TO PREPARE THE DEPICTED FEATURES, INCLUDING TOPOGRAPHIC DATA DERIVED FROM UAV PHOTOGRAMMETRIC PROCESSES. DATA ACQUIRED USING THIS METHODOLOGY MAY RESULT IN LEVELS OF INACCURACY WHICH EXCEED NATIONAL MAP-STANDARD TOLERANCES. ANCHOR QEA AND THE PORT OF BELLINGHAM HAVE BEEN NOTIFIED OF THIS POTENTIAL SOURCE OF ERROR, AND IS AWARE THAT SAID DATA MAY NOT BE AT A LEVEL OF ACCURACY NECESSARY FOR DESIGN OF ANY FEATURE REQUIRING A BETTER THAN +/- 1-FOOT LEVEL OF UNCERTAINTY.
2. THE MONUMENTS SHOWN HEREON WERE VISITED DURING THE COURSE OF THIS SURVEY FOR THE PURPOSE OF ASSURING COHESION BETWEEN THE ACQUIRED TOPOGRAPHY AND THE CITY OF BELLINGHAM'S PUBLISHED VERSION OF NAD83(1998) WASHINGTON STATE PLANE NORTH-ZONE COORDINATES AND BEARINGS. NO EFFORTS WERE UNDERTAKEN TO RECOVER LEGACY MONUMENTS WHICH MIGHT HAVE AN EFFECT ON OWNERSHIP BOUNDARY LOCATIONS, AND NO EFFORTS TO DISCOVER THE EXTENT/CHARACTER OF ENCROACHMENTS HAS BEEN PERFORMED. AGAIN, THIS IS NOT A BOUNDARY SURVEY.
3. LOCAL HORIZONTAL DATUM NAD83/98 IS BASED UPON HORIZONTAL CONTROL POINTS PROVIDED BY THE CITY OF BELLINGHAM AND VISITED DURING THE COURSE OF THIS SURVEY.
4. LOCAL VERTICAL DATUM NAVD88 IS BASED UPON BENCHMARKS PROVIDED BY THE CITY OF BELLINGHAM TO WILSON ENGINEERING IN 2021.
5. ANGULAR AND LINEAR MEASUREMENTSUSED TO ESTABLISH UAV GROUND-CONTROL WERE MADE WITH A TRIMBLE S7 ROBOTIC 3" TOTAL STATION CALIBRATED AT AN N.G.S. BASELINE WITHIN THE LAST YEAR. ADDITIONAL CONTROL WORK WAS PERFORMED USING TRIMBLE R7 SURVEY-GRADE GPS RECEIVERS OPERATING IN VRS/RTK MODE WITH CORRECTIONS PROVIDED BY THE WSRN. POSITIONAL AMBIGUITY FOR ALL DEPICTED CONTROL IS EXPECTED TO BE AT THE +/- 0.03' LEVEL OF PRECISION A,D VERTICAL AMGIBIGUITY IS EXPECTED TO BE AT THE +/- 0.05' LEVEL OF PRECISION.
6. PROCEDURES USED IN THE CONTROL PORTION OF THIS SURVEY WERE FIELD TRAVERSE MEASUREMENTS MEETING OR EXCEEDING STANDARDS SET BY W.A.C. 332-130-090, DEPICTION OF TOPOGRAPHIC DATA HAS BEEN PREPARED IN ACCORDANCE WITH W.A.C 332-130-145.
7. UTILITY LOCATIONS DEPICTED HEREON ARE BASED UPON OBSERVATIONS OF PAINTED MARKINGS SET BY OTHERS, AND WILSON CAN NOT AND DOES NOT GUARANTEE THEIR ACCURACY RELATIVE TO THE PURPORTED FACILITIES.
8. **GEODETIC REFERENCE SYSTEM AND GEODETIC RELATIVE ACCURACY** -- CONTROL FOR THIS SURVEY WAS PERFORMED RELATIVE TO THE NAD83(1998 EPOCH) WASHINGTON NORTH ZONE STATE PLANE COORDINATE SYSTEM, WITH ALL COORDINATION AND MENSURATION USING THE FACTOR OF 3.2808333333 TO CONVERT MEASURED DISTANCES AND COORDINATES FROM METERS TO THE DEPICTED (US SURVEY-FOOT) EQUIVALENT. CONTROL POINTS DEPICTED HEREON WERE ACQUIRED RELATIVE TO PUBLISHED WASHINGTON STATE REFERENCE NETWORK STATIONS HAVING A REPORTED AMBIGUITY OF +/-5 CM (+/-0.16') IN THE HORIZONTAL PLANE, AND +/- 5 CM IN THE VERTICAL PLANE. LOCAL CONTROL WAS ESTABLISHED USING DIFFERENTIAL-LEVEL TECHNIQUES RESULTING IN AN APPARENT MEASURED POSITIONAL AMBIGUITY RELATIVE TO CAPTURED GEODETIC CONTROL OF +/-2 CM (+/- 0.06') FOR A PROBABLE (95% CERTAINTY) GLOBAL POSITIONAL AMBIGUITY OF +/- 5.2 CM (+/- 0.17').

ABBREVIATIONS USED

AF	= AUDITOR'S FILE
AFN	= AUDITOR'S FILE NUMBER
ASM	= ALUMINUM SURFACE MONUMENT
℄	= CENTERLINE
CONC	= CONCRETE
CPP	= CORRUGATED POLYETHYLENE PIPE
DLC	= DONATION LAND CLAIM
E	= EAST
ELEV	= ELEVATION
FND	= FOUND
INT	= INTERSECTION
INV	= INVERT
L	= LENGTH
MON	= MONUMENT
N	= NORTH
NE	= NORTHEAST
NW	= NORTHWEST
R	= RADIUS
R/W	= RIGHT-OF-WAY
S	= SOUTH
SE	= SOUTHEAST
SW	= SOUTHWEST
TYP	= TYPICAL
W	= WEST
WAC	= WASHINGTON CODE
WSE	= WILSON SURVEY/ENGINEERING

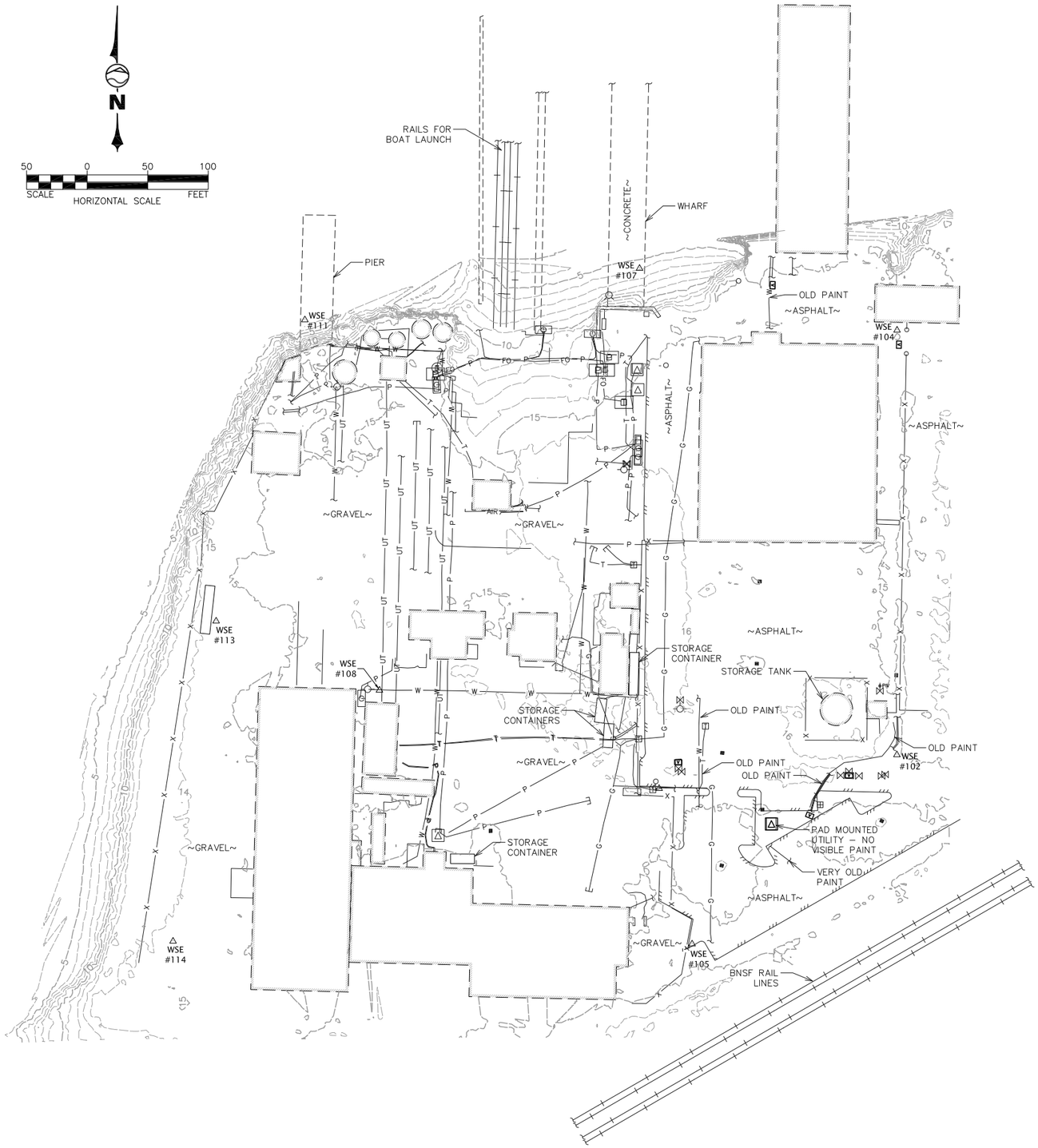
WILSON ENGINEERING
WILSONENGINEERING.COM

DRAWN BY ARB
CHECKED BY JTB

ANCHOR QEA / PORT OF BELLINGHAM
BELLINGHAM WASHINGTON
FAIRHAVEN SHIPYARD UAV TOPOGRAPHIC SURVEY
W.A.C. 332.130.145 COMPLIENCE SHEET

SHEET 1 | DATE 5-20-22 | SCALE AS SHOWN | JOB NUMBER 2022-035 | PAGE 1 OF 2

PLOT SETTINGS: Adobe PDF pg:1, Portrait, 1:1, WE APWA_UNSCREENED.ctb
W:\2022\2022-035 ANCHOR QEA FAIRHAVEN SHIPYARD\DWG\ V2019\2022SSV00 NAD83(98) NAVD88.DWG — 5/20/2022 10:25 AM — Jeff Smith



LEGEND - SIZE & SCALE MAY VARY

- = MAJOR CONTOUR
- = MINOR CONTOUR
- = EXITING PIER
- = EXISTING ASPHALT EDGE
- = EXISTING CONCRETE EDGE
- = EXISTING RAILROAD TRACK
- = EXISTING BUILDING
- = EXISTING GAS LINE
- = EXISTING WATER LINE
- = EXISTING FENCE
- = EXISTING BURIED POWER LINE
- = EXISTING BURIED TELE/COMM
- = EXISTING MISC BURIED UTILITY
- = EXISTING BURIED FIBER OPTIC/COMM
- = EXISTING AIR LINE
- = TRAVERSE POINT
- = EXISTING POWER SWITCH OR FUSE PANEL
- = EXISTING POWER VAULT
- = EXISTING POWER TRANSFORMER
- = EXISTING UNKNOWN UTILITY VAULT
- = EXISTING COMMUNICATIONS MANHOLE
- = EXISTING TELE/COMM PEDESTAL
- = EXISTING CAPPED OR END OF LINE UTILITY
- = EXISTING WATER VALVE
- = EXISTING FDC
- = EXISTING WATER METER
- = EXISTING FIRE HYDRANT
- = EXISTING POST INDICATOR VALVE
- = EXISTING GATE POST
- = EXISTING STORM DRAIN CATCH BASIN
- = EXISTING SANITARY SEWER MANHOLE

WILSON ENGINEERING
WILSONENGINEERING.COM

THOMAS BREWSTER NORTON JOHN MICHAEL SMITH STATE OF WASHINGTON PROFESSIONAL LAND SURVEYOR 22

DRAWN BY	CHECKED BY
ARB	JTB

ANCHOR QEA / PORT OF BELLINGHAM
BELLINGHAM WASHINGTON
FAIRHAVEN SHIPYARD UAV TOPOGRAPHIC SURVEY
UAV-DERIVED TOPOGRAPHY

SHEET	DATE
2	5-20-22
PAGE	SCALE
2 OF 2	AS SHOWN
	JOB NUMBER 2022-035

PLOT SETTINGS: Adobe PDF.pc3, 22x34, Portrait, 1:1, WE APWA_UNSCREENED.ctb
W:\2022\2022-035 ANCHOR QEA FAIRHAVEN SHIPYARD\DWG V2019\220355V00 NAD83(98) NAVD88.DWG – 5/20/2022 10:26 AM – Jeff Smith

APPENDIX H

Monitoring Well Decommissioning Records

DEPARTMENT OF ECOLOGY
State of Washington

103-25-1196

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. **RE05618**

Ecology Well ID Tag No. **BHB 119**

Site Well Name **MW-2A**

Consulting Firm **Anchor QEA**

Was a variance approved for this well/boring? ☐ Yes ☒ No

If yes, what was the variance for?

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☒ Driller ☐ Trainee ☐ Engineer

Name (Print Last, First Name) **Curtis Askew**

Driller/Engineer/Trainee Signature

License No. **2867**

Company Name **Cascade Drilling - Seattle**

If trainee box is checked, sponsor's license number:

Sponsor's signature

Notice of Intent No. **AE88976**

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner **Port of Bellingham**

Well Street Address **201 Harris Ave**

City **Bellingham** County **Whatcom**

Tax Parcel No. **3702023980850001**

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ **SE** ¼, Section **2** Town **37N** Range **2E**

Latitude (Example: 47.12345) **48.72008**

Longitude (Example: -120.12345) **-122.51554**

(WGS 84 Coordinate System)

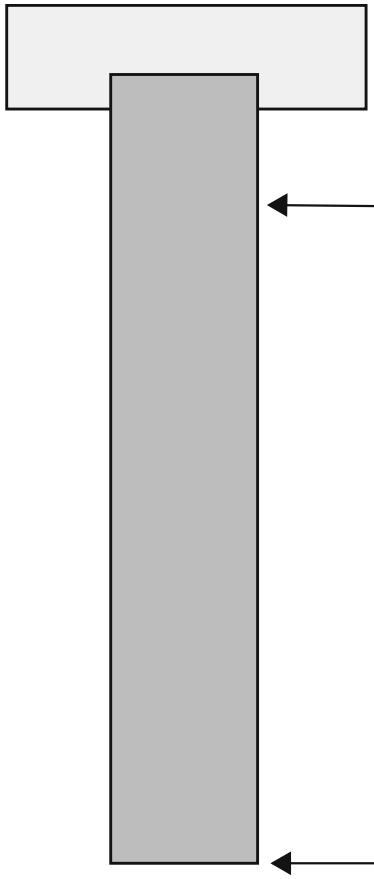
Borehole diameter **2"** inches Casing diameter **2"** inches

Static water level **7'** ft below top of casing Date

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing ____ ft above ground surface

Start Date **8/19/2025** Completed Date **8/19/2025**

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth: **2** FT	**0** - **15** FT: **Chip in place 2" well**
	Backfill: **13** FT **Bentonite Chips**	- FT
	Total Hole Depth: **15** FT	

DEPT OF ECOLOGY WELL TAG **BHB 119**

CLIENT WELL ID **MW-2A**

DEPARTMENT OF ECOLOGY
State of Washington

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. R28727

Ecology Well ID Tag No. AEE 527

Site Well Name MW-02

Consulting Firm Geosyntec Consultants

Was a variance approved for this well/boring? ☐ Yes ☐ No

If yes, what was the variance for?

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☐ Driller ☐ Trainee ☒ Engineer

Name (Print Last, First Name) Marhofer, Eric

Driller/Engineer/Trainee Signature

License No. 44162

Company Name Geosyntec Consultants

If trainee box is checked, sponsor's license number:

Sponsor's signature

Notice of Intent No. AE90760

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner Port of Bellingham

Well Street Address 201 Harris Ave

City Bellingham County Whatcom

Tax Parcel No. 370202398085

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ NE ¼, Section 23 Town 37N Range 2E

Latitude (Example: 47.12345)

Longitude (Example: -120.12345)

(WGS 84 Coordinate System)

Borehole diameter 4.25 inches Casing diameter 2 inches

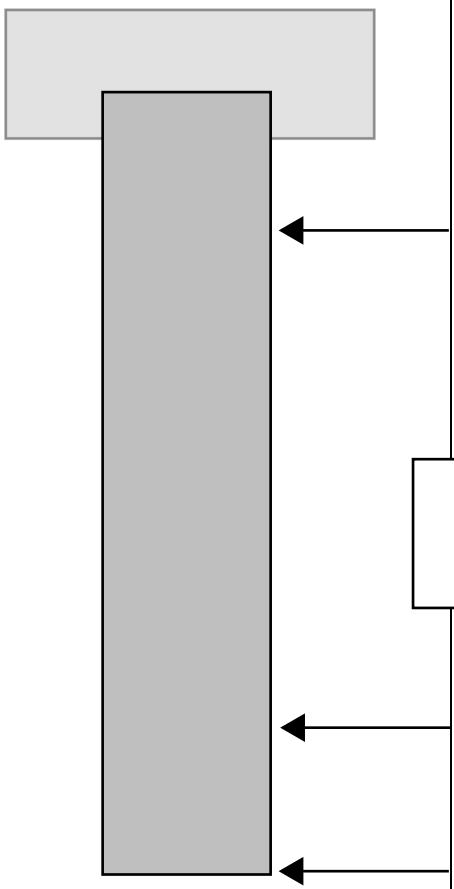
Static water level 10 ft below top of casing Date 4/28/1998

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing ____ ft above ground surface

Start Date 1/6/2026 Completed Date 1/6/2026

Construction Design



Well Data

Concrete Surface Seal Depth 1 FT

Backfill 2 FT

Bentonite Chips

DEPT OF ECOLOGY WELL TAG AEE 527

CLIENT WELL ID MW-02

Gravel Pack 12 FT

2/12 sand

Total Hole Depth 15 FT

Driller's Log

0 - 3 FT: gravel & cobbles w/ sands

3 - 15 FT: fine to coarse sands

DEPARTMENT OF ECOLOGY
State of Washington

103-25-1196

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. R 28727

Ecology Well ID Tag No. AEE 529

Site Well Name MW-04

Consulting Firm Anchor QEA

Was a variance approved for this well/boring? ☐ Yes ☒ No

If yes, what was the variance for?

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☒ Driller ☐ Trainee ☐ Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number:

Sponsor's signature

Notice of Intent No. AE88976

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner Port of Bellingham

Well Street Address 201 Harris Ave

City Bellingham County Whatcom

Tax Parcel No. 3702023980850001

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ SE ¼, Section 2 Town 37N Range 2E

Latitude (Example: 47.12345) 48.72008

Longitude (Example: -120.12345) -122.51554

(WGS 84 Coordinate System)

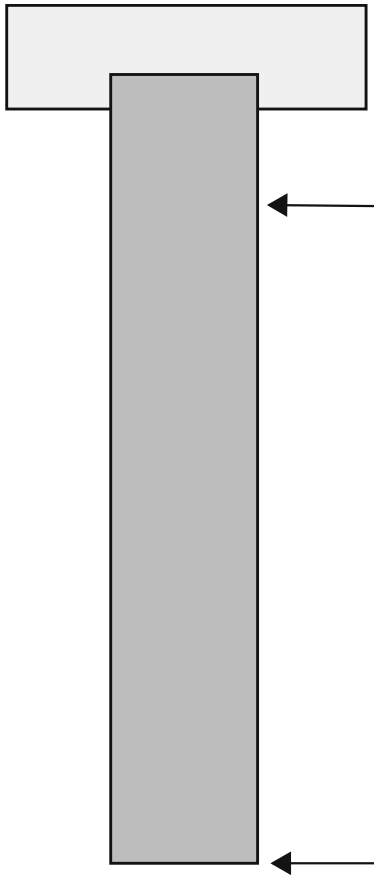
Borehole diameter 2" inches Casing diameter 2" inches

Static water level 7' ft below top of casing Date

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing ____ ft above ground surface

Start Date 8/19/2025 Completed Date 8/19/2025

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth: 2 FT	0 - 15 FT: Chip in place 2" well
	Backfill: 13 FT	
	Bentonite Chips	- FT
	Total Hole Depth: 15 FT	

DEPT OF ECOLOGY WELL TAG AEE 529

CLIENT WELL ID MW-04

DEPARTMENT OF ECOLOGY
State of Washington

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. R28727

Ecology Well ID Tag No. AEE 530

Site Well Name MW-05

Consulting Firm Geosyntec Consultants

Was a variance approved for this well/boring? ☐ Yes ☐ No

If yes, what was the variance for?

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☐ Driller ☐ Trainee ☒ Engineer

Name (Print Last, First Name) Marhofer, Eric

Driller/Engineer/Trainee Signature

License No. 44162

Company Name Geosyntec Consultants

If trainee box is checked, sponsor's license number:

Sponsor's signature

Notice of Intent No. AE90761

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner Port of Bellingham

Well Street Address 201 Harris Ave

City Bellingham County Whatcom

Tax Parcel No. 370202398085

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ NE ¼, Section 23 Town 37N Range 2E

Latitude (Example: 47.12345)

Longitude (Example: -120.12345)

(WGS 84 Coordinate System)

Borehole diameter 4.25 inches Casing diameter 2 inches

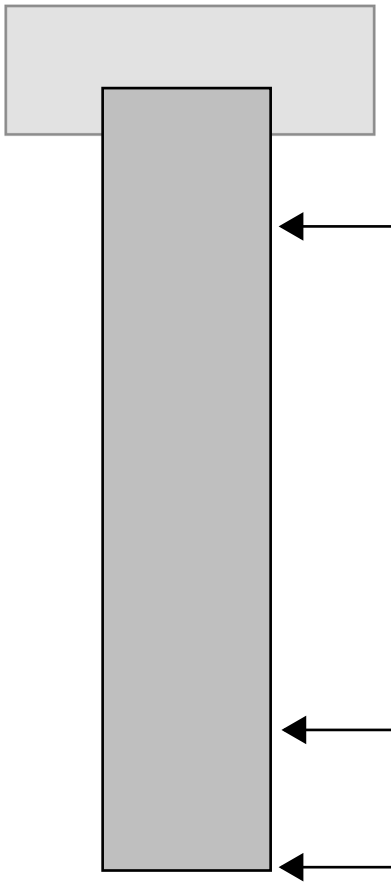
Static water level 10 ft below top of casing Date 4/29/1998

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing ____ ft above ground surface

Start Date 1/6/2026 Completed Date 1/6/2026

Construction Design



Well Data

Concrete Surface Seal Depth 1 FT

Backfill 2 FT

Bentonite Chips

Gravel Pack 12 FT

2/12 sand

Total Hole Depth 15 FT

Driller's Log

0 - 4 FT: gravel & cobbles & silty sand

4 - 15 FT: brown sandy silt w/ cobbles

DEPT OF ECOLOGY WELL TAG AEE 530

CLIENT WELL ID MW-05

DEPARTMENT OF ECOLOGY
State of Washington

103-25-1196

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. **RE05618**

Ecology Well ID Tag No. **BHB 120**

Site Well Name **MW-07**

Consulting Firm **Anchor QEA**

Was a variance approved for this well/boring? ☐ Yes ☒ No

If yes, what was the variance for?

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☒ Driller ☐ Trainee ☐ Engineer

Name (Print Last, First Name) **Curtis Askew**

Driller/Engineer/Trainee Signature

License No. **2867**

Company Name **Cascade Drilling - Seattle**

If trainee box is checked, sponsor's license number:

Sponsor's signature

Notice of Intent No. **AE88976**

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner **Port of Bellingham**

Well Street Address **201 Harris Ave**

City **Bellingham** County **Whatcom**

Tax Parcel No. **3702023980850001**

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ **SE** ¼, Section **2** Town **37N** Range **2E**

Latitude (Example: 47.12345) **48.72008**

Longitude (Example: -120.12345) **-122.51554**

(WGS 84 Coordinate System)

Borehole diameter **2"** inches Casing diameter **2"** inches

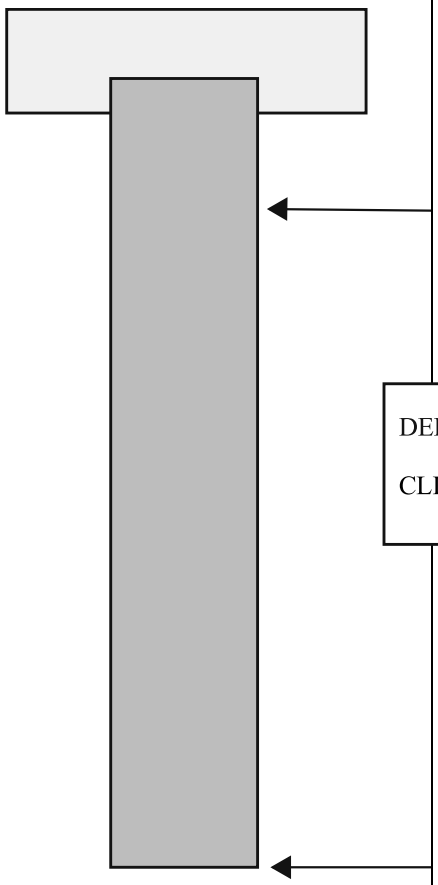
Static water level **7'** ft below top of casing Date

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing ____ ft above ground surface

Start Date **8/19/2025** Completed Date **8/19/2025**

Construction Design



Well Data

Concrete Surface Seal Depth	2	FT
Backfill	13	FT
	Bentonite Chips	
Total Hole Depth	15	FT

Driller's Log

0	-	15	FT
Chip in place 2" well			
-			FT

DEPT OF ECOLOGY WELL TAG **BHB 120**

CLIENT WELL ID **MW-07**

DEPARTMENT OF ECOLOGY
State of Washington

103-25-1196

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. **RE05618**

Ecology Well ID Tag No. **BHB 118**

Site Well Name **MW-08**

Consulting Firm **Anchor QEA**

Was a variance approved for this well/boring? ☐ Yes ☒ No

If yes, what was the variance for?

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☒ Driller ☐ Trainee ☐ Engineer

Name (Print Last, First Name) **Curtis Askew**

Driller/Engineer/Trainee Signature

License No. **2867**

Company Name **Cascade Drilling - Seattle**

If trainee box is checked, sponsor's license number:

Sponsor's signature

Notice of Intent No. **AE88976**

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner **Port of Bellingham**

Well Street Address **201 Harris Ave**

City **Bellingham** County **Whatcom**

Tax Parcel No. **3702023980850001**

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ **SE** ¼, Section **2** Town **37N** Range **2E**

Latitude (Example: 47.12345) **48.72008**

Longitude (Example: -120.12345) **-122.51554**

(WGS 84 Coordinate System)

Borehole diameter **2"** inches Casing diameter **2"** inches

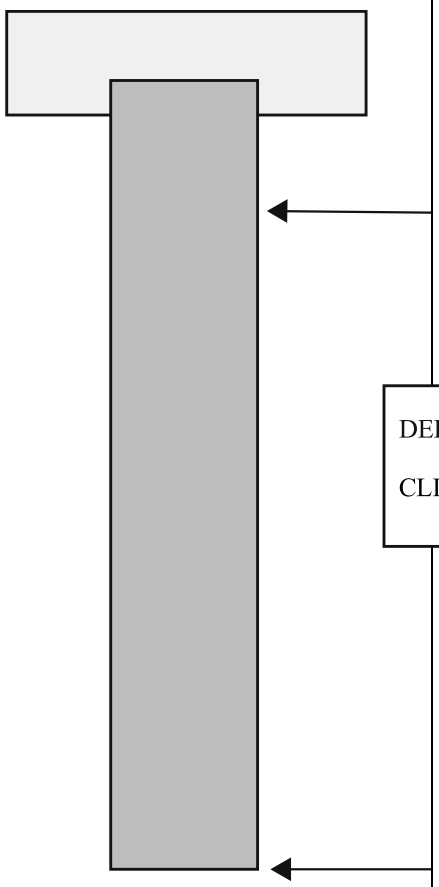
Static water level **7'** ft below top of casing Date

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing ____ ft above ground surface

Start Date **8/19/2025** Completed Date **8/19/2025**

Construction Design



Well Data

Concrete Surface Seal Depth	2	FT
Backfill	18	FT
	Bentonite Chips	
Total Hole Depth	20	FT

Driller's Log

0	–	20	FT
Chip in place 2" well			
–			FT

DEPT OF ECOLOGY WELL TAG **BHB 118**

CLIENT WELL ID **MW-08**

DEPARTMENT OF ECOLOGY
State of Washington

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
☒ Decommission ⇨ Original NOI No. RE10960

Ecology Well ID Tag No. BJA 550

Site Well Name MW-12

Consulting Firm Geosyntec Consultants

Was a variance approved for this well/boring? ☐ Yes ☐ No

If yes, what was the variance for? _____

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

☐ Driller ☐ Trainee ☒ Engineer

Name (Print Last, First Name) Marhofer, Eric

Driller/Engineer/Trainee Signature _____

License No. 44162

Company Name Geosyntec Consultants

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE90762

Type of Well:

☒ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other _____
↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner Port of Bellingham

Well Street Address 201 Harris Ave

City Bellingham County Whatcom

Tax Parcel No. 370202398085

Location (see instructions): WWM ☐ or EWM ☒

SW ¼-¼ SE ¼, Section 2 Town 37N Range 2E

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter 4.25 inches Casing diameter 2 inches

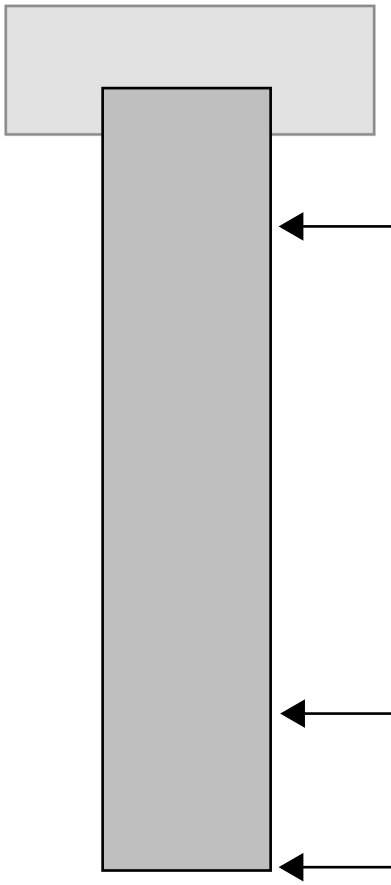
Static water level 10 ft below top of casing Date 2/09/2015

☐ Above-ground completion with bollards ☒ Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 1/6/2026 Completed Date 1/6/2026

Construction Design



Well Data

Concrete Surface Seal Depth: 2 FT

Backfill: 1 FT — Bentonite Chips

Gravel Pack: 12 FT — 2/12 sand

Total Hole Depth: 15 FT

Driller's Log

0 - 5 FT: brown sand & fill material

5 - 15 FT: gray fine to medium silty sand w/ small gravel

DEPT OF ECOLOGY WELL TAG BJA 550

CLIENT WELL ID MW-12

APPENDIX I

UST Site Assessment Checklist Report

Geosyntec consultants

103 E Holly Street, Suite 320
Bellingham, WA 98225
PH 360.746.2855
www.geosyntec.com

Date: February 4, 2026

To: John Rapp, Site Manager
Northwest Region Toxics Cleanup Program − WA State Department of Ecology

cc: Sam Shipp, Project Manager, Port of Bellingham

From:

Matthew von der Ahe, LEG
Engineering Geologist
matthew.vonderahe@geosyntec.com

Eric Marhofer, PE
Principal Environmental Engineer
eric.marhofer@geosyntec.com

Subject: **UST Site Assessment Report and Checklist Responses**
Harris Avenue Shipyard
201 Harris Avenue, Bellingham, Washington

Project # AS210195B

Geosyntec Consultants, Inc. (Geosyntec) prepared this Underground Storage Tank (UST) site assessment and checklist responses on behalf of the Port of Bellingham (Client). The report summarizes the decommissioning of a 1,200-gallon UST discovered during ongoing cleanup activities at the Harris Avenue Shipyard site located at 201 Harris Avenue in Bellingham, Washington (the Site). The previously unknown UST was found while trenching for the replacement of underground utilities and contained what appeared to be a few inches of oily water. The location of the Site is shown on Figure 1.

The Site is currently undergoing an upland cleanup action under an Agreed Order with the Washington State Department of Ecology (Ecology). The Cleanup Site ID is 193. The upland cleanup action is designed to address heavy metals, total petroleum hydrocarbons (TPHs), and polycyclic aromatic hydrocarbons (PAHs) in soil and groundwater through a combination of source removal, capping, and monitored natural attenuation.

While there is a UST ID associated with the Site (UST ID 354), the unknown UST is not registered in Ecology's UST database. The UST System Summary for the Site shows only two registered USTs, which were previously removed in 1996.

The results of this site assessment do not indicate that there has been a release of regulated substances from the unknown UST. The Ecology UST Site Check/Site Assessment Checklist is included as Attachment 1. This report presents supplemental information pertaining to numbered items 1 through 12 in Section VI of the Checklist.

1. **UST Location:** The approximate location of the UST is shown on Figure 2.

2. **Site Inspection Results:** The UST site assessment was performed on December 8, 2025. Prior to the site assessment, the UST was emptied and cleaned by DH Environmental. No product lines were encountered when the tank was excavated.

   The site assessment included collecting five soil samples. One soil sample was collected on each side of the tank footprint and one in the middle of the tank footprint. All samples were collected from approximately 7 feet below ground surface (bgs), just below the elevation of the bottom of the tank. The approximate locations of the samples are shown on Figure 2.

   Each soil sample was field screened for visual and olfactory indications of contamination. In addition, field screening was performed on the soil above the tank prior to and during excavation as well as the sidewall and bottom of the excavation after the tank was removed. No field indications of petroleum releases were observed in any soil encountered—no sheen, no staining, and no petroleum-like odor.

3. **UST System Data:** The UST was a single walled steel tank with an estimated capacity of 1,200 gallons. It is not known what the UST was used for historically. At the time of discovery, the UST appeared to contain a few inches of oily water. There is no record of this UST in Ecology's UST System Summary report for this Site (UST ID 354).

4. **Soil Characteristics:** The soil around and under the UST was sand with silt and gravel. The soil is dredge fill, which is consistent with the fill soil present across the Site.

5. **Groundwater Observations:** No groundwater was observed in the excavation for the UST. Site groundwater elevation is tidally influenced and ranges between about 8 and 14 feet bgs. The bottom of the excavation for the UST was about 7 feet bgs.

6. **Surrounding Land Use:** The property where the UST was found has been a shipyard for about 100 years, and the Port of Bellingham plans to continue to operate the Site as a shipyard through commercial tenants. The surrounding land use is considered commercial/industrial.

7. **Sampling Procedures and Laboratory Methods:** A total of 5 soil samples were collected manually from the tank excavation. One sample was collected on each of the four sides of the tank and one sample was collected in the center of the excavation below the tank footprint.

   Soil samples were collected in laboratory prepared 4-ounce jars using a clean stainless-steel spoon and into 40-milliliter vials using new, disposable plastic syringes in accordance with U.S. Environmental Protection Agency (EPA) Method 5035A. All samples were immediately placed in a chilled cooler upon collection and were subsequently transferred to the ALS Environmental lab in Everett, Washington, under standard chain-of-custody procedures. The five soil samples were analyzed for gasoline-, diesel-, and oil-range organics by Ecology Methods NWTPH-Gx and NWTPH-Dx; volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8021B; naphthalenes and

carcinogenic polycyclic aromatic hydrocarbons (cPAHs) by EPA Method 8270E; and polychlorinated biphenyls (PCBs) by EPA Method 8082.

A summary of the soil analytical results is included in Table 1. The laboratory analytical reports are provided as Attachment 2.

8. **Site Plan:** The approximate locations of the UST and soil samples are illustrated in Figure 2. The soil sample identification numbers and depths are shown in Table 1. There were no stockpile soil samples. Soil excavated during UST removal was added to the existing soil stockpile as part of the ongoing cleanup action and taken to a Subtitle D landfill. Soil disposal will be documented in the cleanup action completion report.

9. **Alternative Sampling Procedures:** The sampling procedures for this UST Site Assessment were consistent with the requirements specified in Ecology's Guidance for Site Checks and Site Assessments for Underground Storage Tanks (Revised October 2022).

10. **Laboratory Results:** Analytical results for soil are summarized in Table 1. Only cPAHs were detected slightly above unrestricted Model Toxics Control Act (MTCA) Method A cleanup level.

11. **Data Quality:** No known factors compromised data quality or validity of the analytical results.

12. **Site Assessment Results:** The results of this site assessment do not suggest that there has been a release of regulated substances from the unknown UST. There were no significant detections of oil collocated with the cPAH detections based on field screening and laboratory analytical results. PAHs are already considered a contaminant of concern for the Site based on historical use and known to be present in sediment, soil (dredge fill), and groundwater at the Site. The ongoing cleanup action is designed to address PAHs through a combination of source removal, capping, and monitored natural attenuation.

Limitations

Work for this project was performed for the Port of Bellingham (Client), and this memorandum was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This memorandum does not represent a legal opinion. No other warranty, expressed or implied, is made.

All reports prepared by Geosyntec Consultants for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Geosyntec Consultants. Geosyntec Consultants' original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

Attachments: Table 1 – Soil Analytical Results

Figure 1 – Site Vicinity Map
Figure 2 – Site Plan and Sample Locations

Attachment 1 – UST Site Check/Site Assessment Checklist
Attachment 2 – Laboratory Analytical Reports

V:\210195 Harris Ave Shipyard Remedial Design\Deliverables\UST Site Assessment\Site Assessment Report_2.04.2026.docx

TABLE

Table 1. Soil Analytical Results

Project No. 210195, Harris Avenue Shipyart, Bellingham, Washington

		Sample Location	UST-C	UST-E	UST-N	UST-S	UST-W
		Sample Date	12/08/2025	12/08/2025	12/08/2025	12/08/2025	12/08/2025
		Sample Name	UST-C-7	UST-E-7	UST-N-7	UST-S-7	UST-W-7
		Sample Depth	7 ft	7 ft	7 ft	7 ft	7 ft
Analyte	**Unit**	**MTCA Method A Cleanup Level**[1]					
Total Petroleum Hydrocarbons (TPHs)							
Gasoline Range Organics	mg/kg	100	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Diesel Range Organics	mg/kg	2000	25 U	25 U	**26 X**	25 U	25 U
Motor Oil Range Organics	mg/kg	2000	**50 X**	**98**	**130**	50 U	50 U
Volatile Organic Chemicals (VOCs)							
Benzene	mg/kg	0.03	0.030 U	0.030 U	0.030 U	0.030 U	0.030 U
Toluene	mg/kg	7	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Ethylbenzene	mg/kg	6	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Total Xylenes	mg/kg	9	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Naphthalenes							
1-Methylnaphthalene	mg/kg		0.44 UJ	0.38 UJ	0.37 UJ	0.4 UJ	0.38 UJ
2-Methylnaphthalene	mg/kg		0.43 U	0.37 U	0.36 U	0.39 U	0.37 U
Naphthalene	mg/kg	5	0.43 U	0.37 U	0.36 U	0.39 U	0.37 U
Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs)							
Benz(a)anthracene	mg/kg		0.43 U	0.37 U	0.36 U	0.39 U	0.37 U
Benzo(a)pyrene	mg/kg	0.1	0.43 U	0.37 U	**0.58**	0.39 U	**0.57**
Benzo(b,j)fluoranthene	mg/kg		0.44 U	0.38 U	**0.7**	0.39 U	**0.55**
Benzo(k)fluoranthene	mg/kg		0.43 U	0.37 U	0.36 U	0.39 U	0.37 U
Chrysene	mg/kg		0.43 U	0.37 U	0.36 U	0.39 U	0.37 U
Dibenzo(a,h)anthracene	mg/kg		0.43 U	0.37 U	0.36 U	0.39 U	0.37 U
Indeno(1,2,3-cd)pyrene	mg/kg		0.43 U	0.37 U	**0.54**	0.39 U	**0.6**
Total cPAHs TEQ (ND = 1/2 RDL)[2]	mg/kg	0.1	0.43 U	0.37 U	**0.76**	0.39 U	**0.742**
Polychlorinated Biphenyls (PCBs)							
Aroclor 1016	ug/kg		2.5 U	2.2 U	2.1 U	2.3 U	2.1 U
Aroclor 1221	ug/kg		2.5 U	2.2 U	2.1 U	2.3 U	2.1 U
Aroclor 1232	ug/kg		10 U	8.9 U	8.3 U	9.1 U	8.5 U
Aroclor 1242	ug/kg		2.5 U	2.2 U	2.1 U	2.3 U	2.1 U
Aroclor 1248	ug/kg		7.6 U	6.6 U	6.2 U	6.8 U	6.4 U
Aroclor 1254	ug/kg		3.8 U	3.3 U	**5**	3.4 U	3.2 U
Aroclor 1260	ug/kg		2.5 U	2.2 U	**4.8**	2.3 U	2.1 U
Total PCBs (Sum of Aroclors) (ND = 0)[3]	ug/kg	1000	10 UA	8.9 UA	**9.8 A**	9.1 UA	8.5 UA

Notes:

Results in **bold** indicate the analyte was detected above the laboratory reporting limit.

Blue-shaded results indicate that the analyte was detected at a concentration above the screening/cleanup level.

(1) Washington State Model Toxics Control Act (MTCA) Cleanup Regulation Method A Soil Cleanup Levels for Unrestricted Land Uses.

(2) Total carcinogenic polycyclic aromatic hydrocarbons (cPAHs) benzo(a)pyrene toxic equivalent (TEQ) concentration calculated using compound-specific toxicity factors and ½ the detection limit for non-detect results.

(3) Total PCBs (Sum of Aroclors) concentration calculated using zero for non-detect results.

Qualifiers assigned from laboratory flags and quality control sample results in lab report:

U - Analyte not detected at or above Reporting Limit (RL) shown

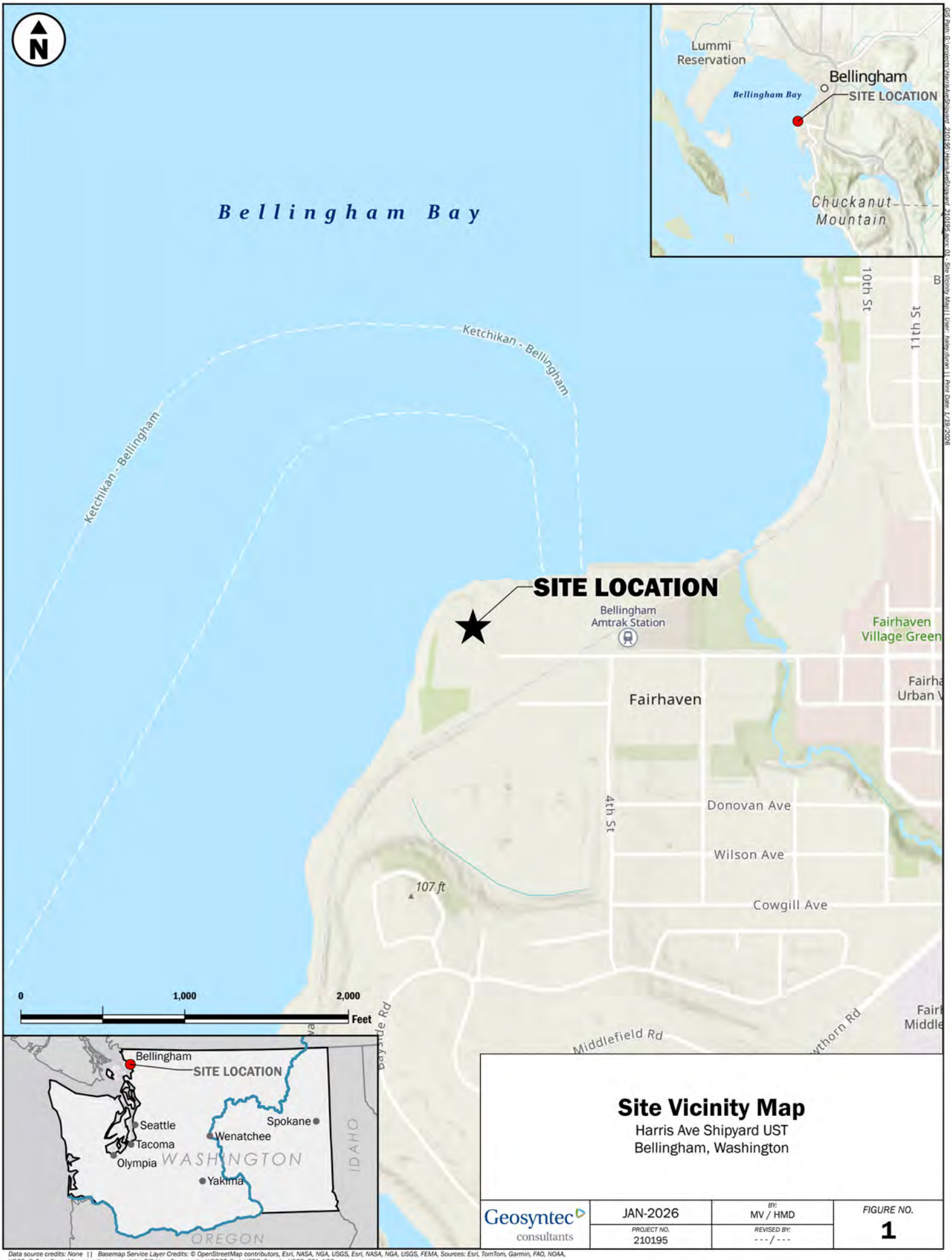
UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

J - Result value estimated

X - Chromatographic pattern does not match fuel standard used for quantitation

A - Calculation using less than full congener count

FIGURES



Site Vicinity Map

Harris Ave Shipyard UST
Bellingham, Washington

Geosyntec consultants	JAN-2026	BY: MV / HMD	FIGURE NO. 1
	PROJECT NO. 210195	REVISED BY: ---/---	

GIS Path: G:\projects\Harris Ave Shipyard_210195\Harris Ave Shipyard_210195.aprx::01 - Site Vicinity Map | User: hailey.duran | Print Date: 1/19/2026

Data source credits: None || Basemap Service Layer Credits: © OpenStreetMap contributors, Esri, NASA, NGA, USGS, Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, WSDOT, Esri, HERE, Garmin, USGS, EPA, NPS



Underground Storage Tank Explorations

Underground Storage Tank

N

0 15 30 Feet

Notes:
1. All samples were taken at a depth of 7 ft below ground surface.

Site Plan and Sample Locations

Harris Ave Shipyard UST
Bellingham, Washington

Geosyntec consultants	FEB-2026	BY: MV / HMD	FIGURE NO. 2
	PROJECT NO. 210195	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA

GIS Path: G:\projects\HarrisAveShipyard_210195\HarrisAveShipyard_210195.aprx; 02 - Site Plan and Sample Locations || User: haley.durgin || Print Date: 2/4/2026

ATTACHMENT 1
UST Site Check/Site Assessment Checklist

DEPARTMENT OF ECOLOGY
State of Washington

UST ID #: 354
County: Whatcom

SITE CHECK/SITE ASSESSMENT CHECKLIST
FOR UNDERGROUND STORAGE TANKS

This checklist certifies that site check or site assessment activities were performed in accordance with Chapter 173-360A WAC. Instructions are found on the last page.

I. UST FACILITY	II. OWNER/OPERATOR INFORMATION
Facility Compliance Tag #: No active tag	Owner/Operator Name: Port of Bellingham
UST ID #: 354	Business Name: Port of Bellingham
Site Name: Harris Ave Shipyard	Address: 1801 Roeder Ave
Site Address: 201 Harris Ave	City: Bellingham State: WA Zip: 98225
City: Bellingham	Phone: 360-676-2500
Phone: NA	Email: BrianG@PortofBellingham.com

III. CERTIFIED SITE ASSESSOR	
Service Provider Name: Eric Marhofer	Company Name: Geosyntec Consultants
Phone: 206-778-7022 Email: eric.marhofer@geosyntec.com	Address: 801 5th Avenue
Certification #: PE 44162 Exp. Date: 05/23/26	City: Seattle State: WA Zip: 98104

IV. TANK INFORMATION

TANK ID	TANK CAPACITY	LAST SUBSTANCE STORED	DATE SITE CHECK OR ASSESSMENT CONDUCTED
1	1200	unknown	12/08/25

V. REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT (check one)

☐ Release investigation following permanent UST system closure (i.e. tank removal or closure-in-place).

☐ Release investigation following a failed tank and/or line tightness test.

☐ Release investigation following discovery of contaminated soil and/or groundwater.

☐ Release investigation directed by Ecology to determine if the UST system is the source of offsite impacts.

☐ UST system is undergoing a "change-in-service", which is changing from storing a regulated substance (e.g. gasoline) to storing a non-regulated substance (e.g. water).

☐ Directed by Ecology for UST system permanently closed or abandoned before 12/22/1988.

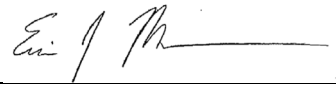
☒ Other (describe): Permanent closure and removal of tank.

VI. CHECKLIST

The site assessor must check each of the following items and include it in the report. Sections referenced below can be found in the Ecology publication *Guidance for Site Checks and Site Assessments for Underground Storage Tanks*.	YES	NO
1. The location of the UST site is shown on a vicinity map.	☒	☐
2. A brief summary of information obtained during the site inspection is provided (Section 3.2)	☒	☐
3. A summary of UST system data is provided (Section 3.1)	☒	☐
4. The soils characteristics at the UST site are described. (Section 5.2)	☒	☐
5. Is there any apparent groundwater in the tank excavation?	☐	☒
6. A brief description of the surrounding land use is provided. (Section 3.1)	☒	☐
7. The name and address of the laboratory used to perform analyses is provided. The methods used to collect and analyze the samples, including the number and types of samples collected, are also documented in the report. The data from the laboratory is appended to the report.	☒	☐
8. The following items are provided in one or more sketches:		
• Location and ID number for all field samples collected	☒	☐
• If applicable, groundwater samples are distinguished from soil samples – **Not Applicable**	☐	☐
• Location of samples collected from stockpiled excavated soil -- **Not Applicable**	☐	☐
• Tank and piping locations and limits of excavation pit	☒	☐
• Adjacent structures and streets	☒	☐
• Approximate locations of any on-site and nearby utilities	☒	☐
9. If sampling procedures are different from those specified in the guidance, has justification for using these alternative sampling procedures been provided? (Section 3.4) -- **Not Applicable**	☐	☐
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method, and detection limit for that method. Any sample exceeding MTCA Method A cleanup standards are highlighted or bolded.	☒	☐
11. Any factors that may have compromised the quality of the data or validity of the results are described.	☒	☐
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. The requirements for reporting confirmed releases can be found in WAC 173-360-372.	☐	☒

VII. REQUIRED SIGNATURES

Signature acknowledges the Site Check or Site Assessment complies with UST regulations WAC 173-360A-0730 through 0750.

Eric Marhofer		01/14/26
Print or Type Name	Signature of Certified Site Assessor	Date

SITE CHECK/SITE ASSESSMENT CHECKLIST
FOR UNDERGROUND STORAGE TANKS

INSTRUCTIONS

This checklist must accompany the results of a Site Check Report, which is performed if a release of petroleum or other regulated substance is suspected. It is also required to accompany a Site Assessment Report, which is required following the permanent closure or "change-in-service" of an underground storage tank system. This form is required to be filled out whether or not contamination is found. This checklist is to be completed by the Site Assessor and submitted **within thirty days of completing** these activities to the following address:

Dept. of Ecology
UST Section
PO Box 47655
Olympia, WA 98504-7655

I./II. UST Facility and Owner/Operator Information: Fill out these sections completely. If you do not know your UST ID number, include the facility compliance tag number.

III. Service Provider Information: It is the responsibility of the ICC-certified Site Assessor to ensure that sampling and documentation procedures are completed in accordance with Ecology's *Guidance for Site Checks and Site Assessment for Underground Storage Tanks*.

IV. Tank Information: Use the same Tank identification numbers listed on the facility's Business License which is based on the most recent UST Addendum on file with Ecology. List the last substance stored in each tank, the tank sizes and the date the site check or site assessment was completed.

V. Required Signature: The Site Assessor signature certifies these procedures were followed.

All confirmed releases must be reported to Ecology by the owner within 24 hours and by service providers within 72 hours of discovery. A Site Characterization Report must be submitted to Ecology within 90 days after confirming a release.

Further questions? *Please contact your regional office below and ask for a tank inspector to assist you.*

Regional Office	Counties Served
Central (509) 575-2490	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima
Eastern (509) 329-3400	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman
HQ (360) 407-7170	Federal facilities in Western Washington
Northwest (425) 649-7000	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
Southwest (360) 407-6300	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Lewis, Mason, Pacific, Pierce, Skamania, Thurston, Wahkiakum

or find a complete list of UST inspectors at:
www.ecy.wa.gov/programs/tcp/ust-lust/people.html

ATTACHMENT 2
Laboratory Analytical Reports

#100 8620 Holly Drive
Everett, WA 98208, USA
T: +1 425 356 2600
F: +1 425 356 2626

December 23, 2025

Matthew von der Ahe
Geosyntec Consultants
520 Pike St
Suite 2600
Seattle, WA 98101

Work Order: **EV25120052**

Laboratory Results for: **WO# 210007-02.01-WA-1**

Dear Matthew von der Ahe,

ALS Environmental received 5 sample(s) on Dec 08, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

//DM//

Generated By: DORINDA.MCCORMICK
Dorinda McCormick

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
Work Order: EV25120052

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
EV25120052-01	UST-5-7	Soil		08-Dec-2025 13:07	09-Dec-2025 11:00	☐
EV25120052-02	UST-N-7	Soil		08-Dec-2025 13:09	09-Dec-2025 11:00	☐
EV25120052-03	UST-E-7	Soil		08-Dec-2025 13:15	09-Dec-2025 11:00	☐
EV25120052-04	UST-W-7	Soil		08-Dec-2025 13:17	09-Dec-2025 11:00	☐
EV25120052-05	UST-C-7	Soil		08-Dec-2025 13:20	09-Dec-2025 11:00	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants **CASE NARRATIVE**
Project: WO# 210007-02.01-WA-1
Work Order: EV25120052

GC Semivolatile Organics by Method NWTPH-DX

Batch ID: 236653

Sample ID: UST-C-7 (EV25120052-05)

- Chromatogram indicates that it is likely the sample contains an unidentified oil range product (TPH-Oil Range)

Sample ID: UST-E-7 (EV25120052-03)

- Chromatogram indicates that it is likely the sample contains lube oil (TPH-Oil Range)

Sample ID: UST-N-7 (EV25120052-02)

- Chromatogram indicates that it is likely the sample contains an unidentified diesel range product (TPH-Diesel Range)
- Chromatogram indicates that it is likely the sample contains lube oil (TPH-Oil Range)

Subcontracted by Method MISC

Batch ID: R528799

- Semi-Volatile Organic Compounds and Low Level Polychlorinated Biphenyls subcontracted to ALS Environmental- Kelso, Washington. Please see attached for subcontracted analysis.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
Sample ID: UST-5-7
Collection Date: 08-Dec-2025 13:07

ANALYTICAL REPORT
WorkOrder:EV25120052
Lab ID:EV25120052-01
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
BTEXM BY EPA-8021	**Method:EPA-8021**			Prep:SW5035 / 12-Dec-2025		Analyst: MNC
Benzene	ND		0.030	MG/KG	1	12-Dec-2025 19:21
Toluene	ND		0.050	MG/KG	1	12-Dec-2025 19:21
Ethylbenzene	ND		0.050	MG/KG	1	12-Dec-2025 19:21
Xylenes	ND		0.20	MG/KG	1	12-Dec-2025 19:21
Surr: TFT	*79.1*		*60-140*	*%REC*	*1*	*12-Dec-2025 19:21*
TPH-GASOLINE BY NWTPH-GX	**Method:NWTPH-GX**			Prep:SW5035 / 12-Dec-2025		Analyst: MNC
TPH-Volatile Range	ND		3.0	MG/KG	1	12-Dec-2025 19:21
Surr: TFT	*77.4*		*60-140*	*%REC*	*1*	*12-Dec-2025 19:21*
TPH-DIESEL	**Method:NWTPH-DX**			Prep:EPA 3550 / 11-Dec-2025		Analyst: ABD
TPH-Diesel Range	ND		25	MG/KG	1	12-Dec-2025 16:38
TPH-Oil Range	ND		50	MG/KG	1	12-Dec-2025 16:38
Surr: C25	*97.9*		*58-134*	*%REC*	*1*	*12-Dec-2025 16:38*
ENVIRONMENTAL ANALYSIS	**Method:MISC**					Analyst: CAS
Miscellaneous Analysis	See Attached			MG/KG	1	18-Dec-2025 18:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
Sample ID: UST-N-7
Collection Date: 08-Dec-2025 13:09

ANALYTICAL REPORT
WorkOrder:EV25120052
Lab ID:EV25120052-02
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
BTEXM BY EPA-8021	**Method:EPA-8021**			Prep:SW5035 / 12-Dec-2025		Analyst: MNC
Benzene	ND		0.030	MG/KG	1	12-Dec-2025 20:38
Toluene	ND		0.050	MG/KG	1	12-Dec-2025 20:38
Ethylbenzene	ND		0.050	MG/KG	1	12-Dec-2025 20:38
Xylenes	ND		0.20	MG/KG	1	12-Dec-2025 20:38
Surr: TFT	*83.6*		*60-140*	*%REC*	*1*	*12-Dec-2025 20:38*
TPH-GASOLINE BY NWTPH-GX	**Method:NWTPH-GX**			Prep:SW5035 / 12-Dec-2025		Analyst: MNC
TPH-Volatile Range	ND		3.0	MG/KG	1	12-Dec-2025 20:38
Surr: TFT	*81.4*		*60-140*	*%REC*	*1*	*12-Dec-2025 20:38*
TPH-DIESEL	**Method:NWTPH-DX**			Prep:EPA 3550 / 11-Dec-2025		Analyst: ABD
TPH-Diesel Range	**26**		**25**	**MG/KG**	1	12-Dec-2025 17:03
TPH-Oil Range	**130**		**50**	**MG/KG**	1	12-Dec-2025 17:03
Surr: C25	*99.3*		*58-134*	*%REC*	*1*	*12-Dec-2025 17:03*
ENVIRONMENTAL ANALYSIS	**Method:MISC**					Analyst: CAS
Miscellaneous Analysis	See Attached			MG/KG	1	18-Dec-2025 18:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
Sample ID: UST-E-7
Collection Date: 08-Dec-2025 13:15

ANALYTICAL REPORT
WorkOrder:EV25120052
Lab ID:EV25120052-03
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
BTEXM BY EPA-8021		**Method:EPA-8021**		Prep:SW5035 / 12-Dec-2025		Analyst: MNC
Benzene	ND		0.030	MG/KG	1	12-Dec-2025 21:04
Toluene	ND		0.050	MG/KG	1	12-Dec-2025 21:04
Ethylbenzene	ND		0.050	MG/KG	1	12-Dec-2025 21:04
Xylenes	ND		0.20	MG/KG	1	12-Dec-2025 21:04
Surr: TFT	*80.7*		*60-140*	*%REC*	*1*	*12-Dec-2025 21:04*
TPH-GASOLINE BY NWTPH-GX		**Method:NWTPH-GX**		Prep:SW5035 / 12-Dec-2025		Analyst: MNC
TPH-Volatile Range	ND		3.0	MG/KG	1	12-Dec-2025 21:04
Surr: TFT	*77.7*		*60-140*	*%REC*	*1*	*12-Dec-2025 21:04*
TPH-DIESEL		**Method:NWTPH-DX**		Prep:EPA 3550 / 11-Dec-2025		Analyst: ABD
TPH-Diesel Range	ND		25	MG/KG	1	12-Dec-2025 17:29
TPH-Oil Range	**98**		**50**	**MG/KG**	1	12-Dec-2025 17:29
Surr: C25	*98.1*		*58-134*	*%REC*	*1*	*12-Dec-2025 17:29*
ENVIRONMENTAL ANALYSIS		**Method:MISC**				Analyst: CAS
Miscellaneous Analysis	See Attached			MG/KG	1	18-Dec-2025 18:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
Sample ID: UST-W-7
Collection Date: 08-Dec-2025 13:17

ANALYTICAL REPORT
WorkOrder:EV25120052
Lab ID:EV25120052-04
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
BTEXM BY EPA-8021	**Method:EPA-8021**			Prep:SW5035 / 12-Dec-2025		Analyst: MNC
Benzene	ND		0.030	MG/KG	1	12-Dec-2025 21:30
Toluene	ND		0.050	MG/KG	1	12-Dec-2025 21:30
Ethylbenzene	ND		0.050	MG/KG	1	12-Dec-2025 21:30
Xylenes	ND		0.20	MG/KG	1	12-Dec-2025 21:30
Surr: TFT	*82.6*		*60-140*	*%REC*	*1*	*12-Dec-2025 21:30*
TPH-GASOLINE BY NWTPH-GX	**Method:NWTPH-GX**			Prep:SW5035 / 12-Dec-2025		Analyst: MNC
TPH-Volatile Range	ND		3.0	MG/KG	1	12-Dec-2025 21:30
Surr: TFT	*80.6*		*60-140*	*%REC*	*1*	*12-Dec-2025 21:30*
TPH-DIESEL	**Method:NWTPH-DX**			Prep:EPA 3550 / 11-Dec-2025		Analyst: ABD
TPH-Diesel Range	ND		25	MG/KG	1	12-Dec-2025 17:54
TPH-Oil Range	ND		50	MG/KG	1	12-Dec-2025 17:54
Surr: C25	*85.8*		*58-134*	*%REC*	*1*	*12-Dec-2025 17:54*
ENVIRONMENTAL ANALYSIS	**Method:MISC**					Analyst: CAS
Miscellaneous Analysis	See Attached			MG/KG	1	18-Dec-2025 18:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
Sample ID: UST-C-7
Collection Date: 08-Dec-2025 13:20

ANALYTICAL REPORT
WorkOrder:EV25120052
Lab ID:EV25120052-05
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
BTEXM BY EPA-8021		**Method:EPA-8021**		Prep:SW5035 / 12-Dec-2025		Analyst: MNC
Benzene	ND		0.030	MG/KG	1	12-Dec-2025 21:56
Toluene	ND		0.050	MG/KG	1	12-Dec-2025 21:56
Ethylbenzene	ND		0.050	MG/KG	1	12-Dec-2025 21:56
Xylenes	ND		0.20	MG/KG	1	12-Dec-2025 21:56
Surr: TFT	*77.6*		*60-140*	*%REC*	*1*	*12-Dec-2025 21:56*
TPH-GASOLINE BY NWTPH-GX		**Method:NWTPH-GX**		Prep:SW5035 / 12-Dec-2025		Analyst: MNC
TPH-Volatile Range	ND		3.0	MG/KG	1	12-Dec-2025 21:56
Surr: TFT	*75.3*		*60-140*	*%REC*	*1*	*12-Dec-2025 21:56*
TPH-DIESEL		**Method:NWTPH-DX**		Prep:EPA 3550 / 11-Dec-2025		Analyst: ABD
TPH-Diesel Range	ND		25	MG/KG	1	12-Dec-2025 18:19
TPH-Oil Range	**50**		**50**	**MG/KG**	1	12-Dec-2025 18:19
Surr: C25	*104*		*58-134*	*%REC*	*1*	*12-Dec-2025 18:19*
ENVIRONMENTAL ANALYSIS		**Method:MISC**				Analyst: CAS
Miscellaneous Analysis	See Attached			MG/KG	1	18-Dec-2025 18:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
WorkOrder: EV25120052

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 236653 (0)	**Test Name :** TPH-DIESEL				**Matrix:** Soil	
EV25120052-01	UST-5-7	08 Dec 2025 13:07		11 Dec 2025 10:12	12 Dec 2025 16:38	1
EV25120052-02	UST-N-7	08 Dec 2025 13:09		11 Dec 2025 10:12	12 Dec 2025 17:03	1
EV25120052-03	UST-E-7	08 Dec 2025 13:15		11 Dec 2025 10:12	12 Dec 2025 17:29	1
EV25120052-04	UST-W-7	08 Dec 2025 13:17		11 Dec 2025 10:12	12 Dec 2025 17:54	1
EV25120052-05	UST-C-7	08 Dec 2025 13:20		11 Dec 2025 10:12	12 Dec 2025 18:19	1
Batch ID: 236673 (0)	**Test Name :** TPH-GASOLINE BY NWTPH-GX				**Matrix:** Soil	
EV25120052-01	UST-5-7	08 Dec 2025 13:07		12 Dec 2025 08:00	12 Dec 2025 19:21	1
EV25120052-01	UST-5-7	08 Dec 2025 13:07		12 Dec 2025 08:00	12 Dec 2025 19:21	1
EV25120052-02	UST-N-7	08 Dec 2025 13:09		12 Dec 2025 08:00	12 Dec 2025 20:38	1
EV25120052-02	UST-N-7	08 Dec 2025 13:09		12 Dec 2025 08:00	12 Dec 2025 20:38	1
EV25120052-03	UST-E-7	08 Dec 2025 13:15		12 Dec 2025 08:00	12 Dec 2025 21:04	1
EV25120052-03	UST-E-7	08 Dec 2025 13:15		12 Dec 2025 08:00	12 Dec 2025 21:04	1
EV25120052-04	UST-W-7	08 Dec 2025 13:17		12 Dec 2025 08:00	12 Dec 2025 21:30	1
EV25120052-04	UST-W-7	08 Dec 2025 13:17		12 Dec 2025 08:00	12 Dec 2025 21:30	1
EV25120052-05	UST-C-7	08 Dec 2025 13:20		12 Dec 2025 08:00	12 Dec 2025 21:56	1
EV25120052-05	UST-C-7	08 Dec 2025 13:20		12 Dec 2025 08:00	12 Dec 2025 21:56	1
Batch ID: R528799 (0)	**Test Name :** ENVIRONMENTAL ANALYSIS				**Matrix:** Soil	
EV25120052-01	UST-5-7	08 Dec 2025 13:07			18 Dec 2025 18:24	1
EV25120052-02	UST-N-7	08 Dec 2025 13:09			18 Dec 2025 18:24	1
EV25120052-03	UST-E-7	08 Dec 2025 13:15			18 Dec 2025 18:24	1
EV25120052-04	UST-W-7	08 Dec 2025 13:17			18 Dec 2025 18:24	1
EV25120052-05	UST-C-7	08 Dec 2025 13:20			18 Dec 2025 18:24	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
WorkOrder: EV25120052

QC BATCH REPORT

Batch ID: 236673 (0) **Instrument: GBTEX_119** **Method: BTEXM BY EPA-8021**

MBLK Sample ID: **MB-121225S** Units: **MG/KG** Analysis Date: **12-Dec-2025 17:11**
Client ID: Run ID: **GBTEX_119_528264** SeqNo: **9190160** PrepDate: **12-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	ND	0.030								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes	ND	0.20								
Surr: TFT	*0.4268*	*0*	*0.5*	*0*	*85.4*	*60 - 140*				

MBLK Sample ID: **MBG-121225S** Units: **MG/KG** Analysis Date: **12-Dec-2025 17:11**
Client ID: Run ID: **GBTEX_119_528264** SeqNo: **9190161** PrepDate: **12-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH-Volatile Range	ND	3.0								
Surr: TFT	*0.414*	*0*	*0.5*	*0*	*82.8*	*60 - 140*				

LCS Sample ID: **BS-121225S** Units: **MG/KG** Analysis Date: **12-Dec-2025 17:37**
Client ID: Run ID: **GBTEX_119_528264** SeqNo: **9190162** PrepDate: **12-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	0.9222	0.030	1	0	92.2	67.7 - 124				
Toluene	0.9028	0.050	1	0	90.3	71 - 123				
Ethylbenzene	0.919	0.050	1	0	91.9	69.8 - 120				
Xylenes	2.731	0.20	3	0	91.0	70 - 120				
Surr: TFT	*0.4392*	*0*	*0.5*	*0*	*87.8*	*60 - 140*				

LCS Sample ID: **BG-121225S** Units: **MG/KG** Analysis Date: **12-Dec-2025 18:29**
Client ID: Run ID: **GBTEX_119_528264** SeqNo: **9190164** PrepDate: **12-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH-Volatile Range	25.71	3.0	25	0	103	66.5 - 122.7				
Surr: TFT	*0.4716*	*0*	*0.5*	*0*	*94.3*	*60 - 140*				

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
WorkOrder: EV25120052

QC BATCH REPORT

Batch ID: 236673 (0) **Instrument: GBTEX_119** **Method: BTEXM BY EPA-8021**

LCSD Sample ID: **BSD-121225S** Units: **MG/KG** Analysis Date: **12-Dec-2025 18:03**
Client ID: Run ID: **GBTEX_119_528264** SeqNo: **9190163** PrepDate: **12-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	0.935	0.030	1	0	93.5	67.7 - 124	0.9222	1.37	10	
Toluene	0.912	0.050	1	0	91.2	71 - 123	0.9028	1.01	10	
Ethylbenzene	0.9285	0.050	1	0	92.8	69.8 - 120	0.919	1.03	10	
Xylenes	2.754	0.20	3	0	91.8	70 - 120	2.731	0.853	10	
Surr: TFT	*0.4435*	*0*	*0.5*	*0*	*88.7*	*60 - 140*	*0.4392*	*0.974*	*25*	

LCSD Sample ID: **BGD-121225S** Units: **MG/KG** Analysis Date: **12-Dec-2025 18:55**
Client ID: Run ID: **GBTEX_119_528264** SeqNo: **9190165** PrepDate: **12-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH-Volatile Range	26.03	3.0	25	0	104	66.5 - 122.7	25.71	1.25	15	
Surr: TFT	*0.4704*	*0*	*0.5*	*0*	*94.1*	*60 - 140*	*0.4716*	*0.234*	*25*	

The following samples were analyzed in this batch:

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
WorkOrder: EV25120052

QC BATCH REPORT

Batch ID: 236653 (0) **Instrument: DX_142** **Method: TPH-DIESEL**

MBLK Sample ID: **MB-121125S** Units: **MG/KG** Analysis Date: **12-Dec-2025 15:21**
Client ID: Run ID: **DX_142_528275** SeqNo: **9190438** PrepDate: **11-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH-Diesel Range	ND	25								
TPH-Oil Range	ND	50								
Surr: C25	*4.795*	*0*	*5*	*0*	*95.9*	*58 - 134*				

LCS Sample ID: **BS-121125S** Units: **MG/KG** Analysis Date: **12-Dec-2025 15:47**
Client ID: Run ID: **DX_142_528275** SeqNo: **9190439** PrepDate: **11-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH-Diesel Range	140.8	25	125	0	113	75.5 - 122.1				
Surr: C25	*4.935*	*0*	*5*	*0*	*98.7*	*58 - 134*				

LCSD Sample ID: **BSD-121125S** Units: **MG/KG** Analysis Date: **12-Dec-2025 16:12**
Client ID: Run ID: **DX_142_528275** SeqNo: **9190440** PrepDate: **11-Dec-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH-Diesel Range	133.8	25	125	0	107	75.5 - 122.1	140.8	5.08	15.2	
Surr: C25	*4.755*	*0*	*5*	*0*	*95.1*	*58 - 134*	*4.935*	*3.72*	*25*	

The following samples were analyzed in this batch:

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Client: Geosyntec Consultants
Project: WO# 210007-02.01-WA-1
WorkOrder: **EV25120052**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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Data Qualifiers

*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

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Sample Receipt Checklist

Work Order ID: EV25120052 **Date/Time Received:** **08-Dec-2025 11:00**

Client Name: GEO12-SEATTLE **Received by:** **Alison Freese**

Completed By:	/S/ Dorinda McCormick	09-Dec-2025 09:20	**Reviewed by:**	/S/ Dorinda McCormick	16-Dec-2025 10:52
	eSignature	Date/Time		eSignature	Date/Time

Matrices: **soil** Carrier name: **ALS Courier**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	15.9 C NO ICE	190	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Only 1 4 oz jar provided. Client requested DX, PCB, SVOC. Split sample between 2 jars for subcontracted lab. Sample #1 (UST-S-7) had no MEOH in provided VOAS. Added upon log in.

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Environmental
EV25120052

Date 12/8/2025 Page 1 Of 1

PROJECT ID: WO# 210007-02.01-WA-1
REPORT TO COMPANY: Geosyntec
PROJECT MANAGER: Matthew VonderAhe & Eric Marhofer
ADDRESS:
PHONE: 360-988-3104 P.O. #:
E-MAIL: Data@AspectConsulting.com
INVOICE TO COMPANY: Anchor QEA (see WO# above)
ATTENTION: Gavin Casson
ADDRESS: gcasson@anchorqea.com

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. UST-S-7	12/8/25	13:07	S	1		X			X							X		X														
2. UST-N-7	12/8/25	13:09	S	2		X			X							X		X														
3. UST-E-7	12/8/25	13:15	S	3		X			X							X		X														
4. UST-W-7	12/8/25	13:17	S	4		X			X							X		X														
5. UST-C-7	12/8/25	13:20	S	5		X			X							X		X														
6.																																
7.																																
8.																																
9.																																
10.																																

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Kevin Ross, Geosyntec, 12/8/2025, 15:10
   Received By: AFREESE, ALS, ~~12/08/2025~~ 12/09/2025 @ 1130
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: 15.9 °C NO ICE
Specify:

*Turnaround request less than standard may incur Rush Charges

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52 Geosyntec

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

ALS

SAMPLE RECEIVING CHECKLIST

Client: Geosyntec
Project: WO# 210007-02.01-WA-1

ALS Job #: EV2512O052
Login Date: 12/09/25
Login Time: 11:20
Login By: DHM

Type of Shipping Container: ☐ Cooler ☐ Box ☒ Other: Ziplock bags

Shipped Via: ☐ FedEx Ground ☐ FedEx Express ☐ UPS ☐ External Courier ☒ ALS Courier ☐ Hand Delivered

	Yes	No	N/A
Were custody seals on the outside of the shipping container?	☐	☒	☐
How Many? ____ Where? ____ Date: ____ Name: ____			
Was CoC filled out properly? (in ink, signed, dated, etc.)	☒	☐	☐
Did all bottles have labels?	☒	☐	☐
Did all bottle labels and tags agree with CoC?	☒	☐	☐
Were samples received within hold time?	☒	☐	☐
Did all bottles arrive in good condition?	☒	☐	☐
Was sufficient amount of sample sent for tests requested?	☐	☒	☐
Was correct preservation added to samples?	☐	☒*	☐
Subcontract test containers added to subcontract bin?	☒	☐	☐
Wetchem test containers marked with applicable tests?	☐	☐	☒
Short hold time test containers delivered to analysts?	☐	☐	☒
VOA vials checked for bubbles?	☐	☐	☒
Bubbles in sample number(s): ____			
5035A kits received?	☒	☐	☐
Low kits: ____ High kits: 5			
5035A kits returned?	☐	☒	☐

Low kits: ____ High kits: ____

Temperature upon receipt: 15.9 °C On ice? ☐ Y ☒ N Thermometer ID: 190

Other discrepancies: Only 1 4oz jar provided. Client requested DX, PCB & SVOC Spl.7 between 2 jars to subcontract. Sample#1 "UST-S-7" NO MEOH in provided VOAs. Added upon sampling

Was client contacted? ____ Who was called? ____ By whom? ____ Date: ____
Outcome of call:

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December 22, 2025 Service Request No:K2512395

Dorinda McCormick
ALS Environmental - US
8620 Holly Drive, Suite 100
Everett, WA 98208

Laboratory Results for: EV25120052

Dear Dorinda,

Enclosed are the results of the sample(s) submitted to our laboratory December 12, 2025
For your reference, these analyses have been assigned our service request number **K2512395.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3260. You may also contact me via email at Luke.Rahn@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Luke Rahn
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

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Narrative Documents

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

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Client: ALS Environmental - US
Project: EV25120052
Sample Matrix: Soil

Service Request: K2512395
Date Received: 12/11/2025 - 12/12/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Five soil samples were received for analysis at ALS Environmental on 12/11/2025 - 12/12/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

The upper control criterion was exceeded for Benzidine, 2,4-Dinitrophenol, 2,6-Dinitrotoluene and Pentachlorophenol in the Secondary Source Verification (SSV). The field samples analyzed in this sequence did not contain the analytes in question. Since the apparent problem indicated a potential high bias, the data quality was not affected. No further corrective action was required.

Several analytes were flagged as outside the control criterion for Continuing Calibration Verification (CCV) MS28\1218F002.D. In accordance with the EPA Method, 80% or more of the CCV analytes must pass within 20% of the true value. The ALS SOP allows for 40% difference for the remaining analytes. The CCV met these criteria. The quality of the sample data was not significantly affected. No further corrective action was required.

The upper control criterion was exceeded for 2,4-Dinitrophenol in Continuing Calibration Verification (CCV) MS28\1218F002.D. The field samples analyzed in this sequence did not contain the analyte in question. Since the apparent problem indicated a potential high bias, the data quality was not affected. No further corrective action was required.

The upper control criterion was exceeded for Hexachlorocyclopentadiene in the Laboratory Control Sample (LCS) KQ2521847-04. The analyte in question was not detected in the associated field samples. The error associated with elevated recovery indicated a high bias. The sample data was not significantly affected. No further corrective action was appropriate.

The advisory criterion was exceeded for 2,6-Dichlorophenol and 1-Methylnaphthalene in the Laboratory Control Sample (LCS) KQ2521847-04. As per the ALS/Kelso Standard Operating Procedure (SOP) for this method, these compounds are not included in the subset of analytes used to control the analysis. The recovery information reported for these analytes is for advisory purposes only (i.e. to provide additional detail related to the performance of each individual compound). No further corrective action was required.

Semivoa GC:

Method 8082A, 12/19/2025:The control criteria were exceeded for decachloro-biphenyl (DCB) in sample "UST-E-7" due to suspected matrix interference. The sample potentially contains either PCB 209 (aka DCB) or Aroclor 1268 which has PCB 209 as part of the pattern. The other surrogate, tetrachloro-m-xyelene is in control, and both surrogates are spiked into solution from a mixture of both surrogates, thus no possible mistake in spiking could have occurred. Thus, the suspicion is that the matrix for this sample already had PCB 209 in it and, thus, no adequate resolution of the surrogate peak is possible. Because the sample is a non-detect for all target Aroclors, and a high surrogate recovery indicates a potential high-bias, data integrity was not affected. No further corrective action was taken.

Approved by  Date 12/22/2025

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SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: UST-N-7			Lab ID: K2512395-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aroclor 1254	5.0			3.1	ug/Kg	8082A
Aroclor 1260	4.8			2.1	ug/Kg	8082A
Benzo(a)pyrene	0.58			0.36	mg/Kg	8270E
Benzo(b)fluoranthene	0.70			0.36	mg/Kg	8270E
Benzo(g,h,i)perylene	0.40			0.36	mg/Kg	8270E
Indeno(1,2,3-cd)pyrene	0.54			0.36	mg/Kg	8270E
Solids, Total	91.1				Percent	160.3 Modified

CLIENT ID: UST-W-7			Lab ID: K2512395-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Benzo(a)pyrene	0.57			0.37	mg/Kg	8270E
Benzo(b)fluoranthene	0.55			0.38	mg/Kg	8270E
Benzo(g,h,i)perylene	0.50			0.37	mg/Kg	8270E
Fluoranthene	0.37			0.37	mg/Kg	8270E
Indeno(1,2,3-cd)pyrene	0.60			0.37	mg/Kg	8270E
Solids, Total	87.3				Percent	160.3 Modified

CLIENT ID: UST-5-7			Lab ID: K2512395-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Solids, Total	84.1				Percent	160.3 Modified

CLIENT ID: UST-E-7			Lab ID: K2512395-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Solids, Total	88.5				Percent	160.3 Modified

CLIENT ID: UST-C-7			Lab ID: K2512395-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Solids, Total	76.0				Percent	160.3 Modified

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Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

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Client: ALS Environmental - US **Service Request:**K2512395
Project: EV25120052

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2512395-001	UST-5-7	12/8/2025	1307
K2512395-002	UST-N-7	12/8/2025	1309
K2512395-003	UST-E-7	12/8/2025	1315
K2512395-004	UST-W-7	12/8/2025	1317
K2512395-005	UST-C-7	12/8/2025	1320

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K2512395

8620 Holly Drive
Suite 100
Everett, WA 98208
T: +1 425 356 2600
F: +1 425 356 2626
www.alsglobal.com

Subcontract Chain of Custody

SAMPLING STATE: Washington **COC ID:** 30064

SUBCONTRACT TO:

ALS Environmental Kelso
1317 S. 13th Avenue
Kelso, WA 98626

Phone: +1 360 501 3312

CUSTOMER INFORMATION:

Company:	ALS Everett
Contact:	Dorinda McCormick
Address:	8620 Holly DriveSuite 100
Phone:	+1 425 356 2600
Email:	dorinda.mccormick@alsglobal.com
Alternate Contact:	Deana Simonian
Email:	deana.simonian@alsglobal.com

INVOICE INFORMATION:

Company:	ALS Everett
Contact:	Accounts Payable
Address:	8620 Holly DriveSuite 100
Phone:	+1 425 356 2600
Reference:	EV25120052
TSR:	Everett-House Accounts

	LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	COLLECT DATE
	ANALYSIS REQUESTED			DUE DATE
1.	**EV25120052-01**	**UST-5-7**	**Soil**	**08 Dec 2025 13:07**
	SVOCs & PCBs			15 Dec 2025
2.	**EV25120052-02**	**UST-N-7**	**Soil**	**08 Dec 2025 13:09**
	SVOCs & PCBs			15 Dec 2025
3.	**EV25120052-03**	**UST-E-7**	**Soil**	**08 Dec 2025 13:15**
	SVOCs & PCBs			15 Dec 2025
4.	**EV25120052-04**	**UST-W-7**	**Soil**	**08 Dec 2025 13:17**
	SVOCs & PCBs			15 Dec 2025
5.	**EV25120052-05**	**UST-C-7**	**Soil**	**08 Dec 2025 13:20**
	SVOCs & PCBs			15 Dec 2025

Comments: Please Email results and EDD to: USAEnvIro.Everett@ALSGlobal.com
Please include EDD. CSV basic with QC.
PO: 32-EV25120052
Client is GeoSyntec

QC Level: STD (Standard)

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K2512395

Subcontract Chain of Custody

SAMPLING STATE: **Washington** **COC ID:** **30064**

Relinquished By: Dorinda McCormick Date/Time: 12/10/25 15:30

Received By: Date/Time: 12/11/25 1650

Cooler ID(s): Temperature(s):

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Cooler Receipt and Preservation Form

PM LR

Client Everett Service Request K25 12395

Received: 12/11/25 Opened: 12/11/25 By: VM Unloaded: _____ By: _____

1. Samples were received via? *USPS* *Fed Ex* *UPS* *DHL* *PDX* *Courier* *Hand Delivered*
2. Samples were received in: (circle) *Cooler* *Box* *Envelope* *Other* _____ *NA*
3. Were custody seals on coolers? NA Y N If yes, how many and where? _____

If present, were custody seals intact? Y N If present, were they signed and dated? Y N

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID / NA	Out of temp Indicate with "X"	PM Notified If out of temp	Tracking Number NA	Filed
	3.8	IR02					

4. Was a Temperature Blank present in cooler? NA Y N If yes, notate the temperature in the appropriate column below:

If no, take the temperature of a representative sample bottle contained within the cooler; notate in the column "Sample Temp":

5. Were samples received within the method specified temperature ranges? NA Y N

If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM. NA Y N

If applicable, tissue samples were received: *Frozen* *Partially Thawed* *Thawed*

6. Packing material: *Inserts* *Baggies* *Bubble Wrap* *Gel Packs* *Wet Ice* *Dry Ice* *Sleeves* _____
7. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
8. Were samples received in good condition (unbroken) NA Y N
9. Were all sample labels complete (ie, analysis, preservation, etc.)? NA Y N
10. Did all sample labels and tags agree with custody papers? NA Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
12. Were the pH-preserved bottles (*see SMO GEN SOP*) received at the appropriate pH? *Indicate in the table below* NA Y N
13. Were VOA vials received without headspace? *Indicate in the table below.* NA Y N
14. Was C12/Res negative? NA Y N
15. Were samples received within method specified time limit? If not, notate the error below and notify the PM. NA Y N
16. Were 100mL sterile microbiology bottles filled exactly to the 100mL mark? NA Y N Underfilled Overfilled

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions: _____

ORIGINAL

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Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

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Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value over the calibration range.
J	The result is an estimated value between the MDL and the MRL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

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ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: ALS Environmental - US **Service Request:** K2512395
Project: EV25120052/

Sample Name: UST-5-7 **Date Collected:** 12/8/25
Lab Code: K2512395-001 **Date Received:** 12/11/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
160.3 Modified		ZBIBI
8082A	JCHRISTENSEN	JDEMERS
8270E	JCHRISTENSEN	EMCALLISTER

Sample Name: UST-N-7 **Date Collected:** 12/8/25
Lab Code: K2512395-002 **Date Received:** 12/12/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
160.3 Modified		ZBIBI
8082A	JCHRISTENSEN	JDEMERS
8270E	JCHRISTENSEN	EMCALLISTER

Sample Name: UST-E-7 **Date Collected:** 12/8/25
Lab Code: K2512395-003 **Date Received:** 12/12/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
160.3 Modified		ZBIBI
8082A	JCHRISTENSEN	JDEMERS
8270E	JCHRISTENSEN	EMCALLISTER

Sample Name: UST-W-7 **Date Collected:** 12/8/25
Lab Code: K2512395-004 **Date Received:** 12/12/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
160.3 Modified		ZBIBI
8082A	JCHRISTENSEN	JDEMERS
8270E	JCHRISTENSEN	EMCALLISTER

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052/		

Sample Name:	UST-C-7	**Date Collected:**	12/8/25
Lab Code:	K2512395-005	**Date Received:**	12/12/25
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
160.3 Modified		ZBIBI
8082A	JCHRISTENSEN	JDEMERS
8270E	JCHRISTENSEN	EMCALLISTER

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Sample Results

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

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Semivolatile Organic Compounds by GC/MS

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:07
Sample Matrix:	Soil	**Date Received:**	12/11/25 16:50
Sample Name:	UST-5-7	**Units:**	mg/Kg
Lab Code:	K2512395-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Acenaphthene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Acenaphthylene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Aniline	ND U	1.2	1	12/18/25 18:24	12/16/25	
Anthracene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Benz(a)anthracene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Benzidine	ND U	2.4	1	12/18/25 18:24	12/16/25	*
Benzo(b)fluoranthene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Benzo(k)fluoranthene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Benzoic Acid	ND U	2.4	1	12/18/25 18:24	12/16/25	*
Benzo(g,h,i)perylene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Benzo(a)pyrene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Benzyl Alcohol	ND U	0.39	1	12/18/25 18:24	12/16/25	
Bis(2-chloroethyl) Ether	ND U	0.39	1	12/18/25 18:24	12/16/25	
Bis(2-ethylhexyl) Phthalate	ND U	0.39	1	12/18/25 18:24	12/16/25	
Bis(2-chloroethoxy)methane	ND U	0.39	1	12/18/25 18:24	12/16/25	
4-Bromophenyl Phenyl Ether	ND U	0.39	1	12/18/25 18:24	12/16/25	
Butyl Benzyl Phthalate	ND U	0.39	1	12/18/25 18:24	12/16/25	
Carbazole	ND U	0.39	1	12/18/25 18:24	12/16/25	
4-Chloro-3-methylphenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
4-Chloroaniline	ND U	0.39	1	12/18/25 18:24	12/16/25	
2-Chloronaphthalene	ND U	0.39	1	12/18/25 18:24	12/16/25	*
2-Chlorophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
4-Chlorophenyl Phenyl Ether	ND U	0.39	1	12/18/25 18:24	12/16/25	
Chrysene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Di-n-butyl Phthalate	ND U	0.39	1	12/18/25 18:24	12/16/25	
Di-n-octyl Phthalate	ND U	0.39	1	12/18/25 18:24	12/16/25	
Dibenz(a,h)anthracene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Dibenzofuran	ND U	0.39	1	12/18/25 18:24	12/16/25	
1,2-Dichlorobenzene	ND U	0.39	1	12/18/25 18:24	12/16/25	
1,3-Dichlorobenzene	ND U	0.39	1	12/18/25 18:24	12/16/25	
1,4-Dichlorobenzene	ND U	0.39	1	12/18/25 18:24	12/16/25	
3,3'-Dichlorobenzidine	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,4-Dichlorophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,6-Dichlorophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	*
Diethyl Phthalate	ND U	0.39	1	12/18/25 18:24	12/16/25	
Dimethyl Phthalate	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,4-Dimethylphenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,4-Dinitrophenol	ND U	2.4	1	12/18/25 18:24	12/16/25	*
2,4-Dinitrotoluene	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,6-Dinitrotoluene	ND U	0.39	1	12/18/25 18:24	12/16/25	*
1,2-Diphenylhydrazine	ND U	0.39	1	12/18/25 18:24	12/16/25	

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:07
Sample Matrix:	Soil	**Date Received:**	12/11/25 16:50
Sample Name:	UST-5-7	**Units:**	mg/Kg
Lab Code:	K2512395-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Fluoranthene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Fluorene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Hexachlorobenzene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Hexachlorobutadiene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Hexachlorocyclopentadiene	ND U	0.39	1	12/18/25 18:24	12/16/25	*
Hexachloroethane	ND U	0.39	1	12/18/25 18:24	12/16/25	
Indeno(1,2,3-cd)pyrene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Isophorone	ND U	0.39	1	12/18/25 18:24	12/16/25	
2-Methyl-4,6-dinitrophenol	ND U	2.4	1	12/18/25 18:24	12/16/25	*
1-Methylnaphthalene	ND U	0.40	1	12/18/25 18:24	12/16/25	*
2-Methylnaphthalene	ND U	0.39	1	12/18/25 18:24	12/16/25	
2-Methylphenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
4-Methylphenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
Naphthalene	ND U	0.39	1	12/18/25 18:24	12/16/25	
2-Nitroaniline	ND U	0.39	1	12/18/25 18:24	12/16/25	*
3-Nitroaniline	ND U	0.39	1	12/18/25 18:24	12/16/25	
4-Nitroaniline	ND U	2.4	1	12/18/25 18:24	12/16/25	
Nitrobenzene	ND U	0.39	1	12/18/25 18:24	12/16/25	
2-Nitrophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	*
4-Nitrophenol	ND U	2.4	1	12/18/25 18:24	12/16/25	
N-Nitrosodi-n-propylamine	ND U	0.39	1	12/18/25 18:24	12/16/25	
N-Nitrosodimethylamine	ND U	2.4	1	12/18/25 18:24	12/16/25	
N-Nitrosodiphenylamine	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,2'-Oxybis(1-chloropropane)	ND U	0.39	1	12/18/25 18:24	12/16/25	
Pentachlorophenol	ND U	2.4	1	12/18/25 18:24	12/16/25	*
Phenanthrene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Phenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
Pyrene	ND U	0.39	1	12/18/25 18:24	12/16/25	
Pyridine	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,3,4,6-Tetrachlorophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	
1,2,4-Trichlorobenzene	ND U	0.39	1	12/18/25 18:24	12/16/25	
2,4,5-Trichlorophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	*
2,4,6-Trichlorophenol	ND U	0.39	1	12/18/25 18:24	12/16/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	49	37 - 103	12/18/25 18:24	
2-Fluorophenol	37	30 - 98	12/18/25 18:24	
Nitrobenzene-d5	54	36 - 112	12/18/25 18:24	
Phenol-d6	44	31 - 103	12/18/25 18:24	
Terphenyl-d14	52	18 - 127	12/18/25 18:24	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:07
Sample Matrix:	Soil	**Date Received:**	12/11/25 16:50
Sample Name:	UST-5-7	**Units:**	mg/Kg
Lab Code:	K2512395-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

2,4,6-Tribromophenol	42	35 - 118	12/18/25 18:24

Analyte Comments:

Benzo(b)fluoranthene	This analyte cannot be separated from Benzo(j)fluoranthene.

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:09
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-N-7	**Units:**	mg/Kg
Lab Code:	K2512395-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Acenaphthene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Acenaphthylene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Aniline	ND U	1.1	1	12/18/25 19:07	12/16/25	
Anthracene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Benz(a)anthracene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Benzidine	ND U	2.2	1	12/18/25 19:07	12/16/25	*
Benzo(b)fluoranthene	**0.70**	0.36	1	12/18/25 19:07	12/16/25	
Benzo(k)fluoranthene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Benzoic Acid	ND U	2.2	1	12/18/25 19:07	12/16/25	*
Benzo(g,h,i)perylene	**0.40**	0.36	1	12/18/25 19:07	12/16/25	
Benzo(a)pyrene	**0.58**	0.36	1	12/18/25 19:07	12/16/25	
Benzyl Alcohol	ND U	0.36	1	12/18/25 19:07	12/16/25	
Bis(2-chloroethyl) Ether	ND U	0.36	1	12/18/25 19:07	12/16/25	
Bis(2-ethylhexyl) Phthalate	ND U	0.36	1	12/18/25 19:07	12/16/25	
Bis(2-chloroethoxy)methane	ND U	0.36	1	12/18/25 19:07	12/16/25	
4-Bromophenyl Phenyl Ether	ND U	0.36	1	12/18/25 19:07	12/16/25	
Butyl Benzyl Phthalate	ND U	0.36	1	12/18/25 19:07	12/16/25	
Carbazole	ND U	0.36	1	12/18/25 19:07	12/16/25	
4-Chloro-3-methylphenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
4-Chloroaniline	ND U	0.36	1	12/18/25 19:07	12/16/25	
2-Chloronaphthalene	ND U	0.36	1	12/18/25 19:07	12/16/25	*
2-Chlorophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
4-Chlorophenyl Phenyl Ether	ND U	0.36	1	12/18/25 19:07	12/16/25	
Chrysene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Di-n-butyl Phthalate	ND U	0.36	1	12/18/25 19:07	12/16/25	
Di-n-octyl Phthalate	ND U	0.36	1	12/18/25 19:07	12/16/25	
Dibenz(a,h)anthracene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Dibenzofuran	ND U	0.36	1	12/18/25 19:07	12/16/25	
1,2-Dichlorobenzene	ND U	0.36	1	12/18/25 19:07	12/16/25	
1,3-Dichlorobenzene	ND U	0.36	1	12/18/25 19:07	12/16/25	
1,4-Dichlorobenzene	ND U	0.36	1	12/18/25 19:07	12/16/25	
3,3'-Dichlorobenzidine	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,4-Dichlorophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,6-Dichlorophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	*
Diethyl Phthalate	ND U	0.36	1	12/18/25 19:07	12/16/25	
Dimethyl Phthalate	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,4-Dimethylphenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,4-Dinitrophenol	ND U	2.2	1	12/18/25 19:07	12/16/25	*
2,4-Dinitrotoluene	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,6-Dinitrotoluene	ND U	0.36	1	12/18/25 19:07	12/16/25	*
1,2-Diphenylhydrazine	ND U	0.36	1	12/18/25 19:07	12/16/25	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:09
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-N-7	**Units:**	mg/Kg
Lab Code:	K2512395-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Fluoranthene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Fluorene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Hexachlorobenzene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Hexachlorobutadiene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Hexachlorocyclopentadiene	ND U	0.36	1	12/18/25 19:07	12/16/25	*
Hexachloroethane	ND U	0.36	1	12/18/25 19:07	12/16/25	
Indeno(1,2,3-cd)pyrene	**0.54**	0.36	1	12/18/25 19:07	12/16/25	
Isophorone	ND U	0.36	1	12/18/25 19:07	12/16/25	
2-Methyl-4,6-dinitrophenol	ND U	2.2	1	12/18/25 19:07	12/16/25	*
1-Methylnaphthalene	ND U	0.37	1	12/18/25 19:07	12/16/25	*
2-Methylnaphthalene	ND U	0.36	1	12/18/25 19:07	12/16/25	
2-Methylphenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
4-Methylphenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
Naphthalene	ND U	0.36	1	12/18/25 19:07	12/16/25	
2-Nitroaniline	ND U	0.36	1	12/18/25 19:07	12/16/25	*
3-Nitroaniline	ND U	0.36	1	12/18/25 19:07	12/16/25	
4-Nitroaniline	ND U	2.2	1	12/18/25 19:07	12/16/25	
Nitrobenzene	ND U	0.36	1	12/18/25 19:07	12/16/25	
2-Nitrophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	*
4-Nitrophenol	ND U	2.2	1	12/18/25 19:07	12/16/25	
N-Nitrosodi-n-propylamine	ND U	0.36	1	12/18/25 19:07	12/16/25	
N-Nitrosodimethylamine	ND U	2.2	1	12/18/25 19:07	12/16/25	
N-Nitrosodiphenylamine	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,2'-Oxybis(1-chloropropane)	ND U	0.36	1	12/18/25 19:07	12/16/25	
Pentachlorophenol	ND U	2.2	1	12/18/25 19:07	12/16/25	*
Phenanthrene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Phenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
Pyrene	ND U	0.36	1	12/18/25 19:07	12/16/25	
Pyridine	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,3,4,6-Tetrachlorophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	
1,2,4-Trichlorobenzene	ND U	0.36	1	12/18/25 19:07	12/16/25	
2,4,5-Trichlorophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	*
2,4,6-Trichlorophenol	ND U	0.36	1	12/18/25 19:07	12/16/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	65	37 - 103	12/18/25 19:07	
2-Fluorophenol	52	30 - 98	12/18/25 19:07	
Nitrobenzene-d5	71	36 - 112	12/18/25 19:07	
Phenol-d6	61	31 - 103	12/18/25 19:07	
Terphenyl-d14	76	18 - 127	12/18/25 19:07	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:09
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-N-7	**Units:**	mg/Kg
Lab Code:	K2512395-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

2,4,6-Tribromophenol	59	35 - 118	12/18/25 19:07

Analyte Comments:

Benzo(b)fluoranthene	This analyte cannot be separated from Benzo(j)fluoranthene.

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:15
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-E-7	**Units:**	mg/Kg
Lab Code:	K2512395-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Acenaphthene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Acenaphthylene	ND U	0.38	1	12/18/25 19:29	12/16/25	
Aniline	ND U	1.1	1	12/18/25 19:29	12/16/25	
Anthracene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Benz(a)anthracene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Benzidine	ND U	2.3	1	12/18/25 19:29	12/16/25	*
Benzo(b)fluoranthene	ND U	0.38	1	12/18/25 19:29	12/16/25	
Benzo(k)fluoranthene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Benzoic Acid	ND U	2.3	1	12/18/25 19:29	12/16/25	*
Benzo(g,h,i)perylene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Benzo(a)pyrene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Benzyl Alcohol	ND U	0.37	1	12/18/25 19:29	12/16/25	
Bis(2-chloroethyl) Ether	ND U	0.37	1	12/18/25 19:29	12/16/25	
Bis(2-ethylhexyl) Phthalate	ND U	0.37	1	12/18/25 19:29	12/16/25	
Bis(2-chloroethoxy)methane	ND U	0.37	1	12/18/25 19:29	12/16/25	
4-Bromophenyl Phenyl Ether	ND U	0.37	1	12/18/25 19:29	12/16/25	
Butyl Benzyl Phthalate	ND U	0.37	1	12/18/25 19:29	12/16/25	
Carbazole	ND U	0.37	1	12/18/25 19:29	12/16/25	
4-Chloro-3-methylphenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
4-Chloroaniline	ND U	0.37	1	12/18/25 19:29	12/16/25	
2-Chloronaphthalene	ND U	0.37	1	12/18/25 19:29	12/16/25	*
2-Chlorophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
4-Chlorophenyl Phenyl Ether	ND U	0.37	1	12/18/25 19:29	12/16/25	
Chrysene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Di-n-butyl Phthalate	ND U	0.37	1	12/18/25 19:29	12/16/25	
Di-n-octyl Phthalate	ND U	0.37	1	12/18/25 19:29	12/16/25	
Dibenz(a,h)anthracene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Dibenzofuran	ND U	0.37	1	12/18/25 19:29	12/16/25	
1,2-Dichlorobenzene	ND U	0.37	1	12/18/25 19:29	12/16/25	
1,3-Dichlorobenzene	ND U	0.37	1	12/18/25 19:29	12/16/25	
1,4-Dichlorobenzene	ND U	0.37	1	12/18/25 19:29	12/16/25	
3,3'-Dichlorobenzidine	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,4-Dichlorophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,6-Dichlorophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	*
Diethyl Phthalate	ND U	0.37	1	12/18/25 19:29	12/16/25	
Dimethyl Phthalate	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,4-Dimethylphenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,4-Dinitrophenol	ND U	2.3	1	12/18/25 19:29	12/16/25	*
2,4-Dinitrotoluene	ND U	0.38	1	12/18/25 19:29	12/16/25	
2,6-Dinitrotoluene	ND U	0.38	1	12/18/25 19:29	12/16/25	*
1,2-Diphenylhydrazine	ND U	0.37	1	12/18/25 19:29	12/16/25	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:15
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-E-7	**Units:**	mg/Kg
Lab Code:	K2512395-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Fluoranthene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Fluorene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Hexachlorobenzene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Hexachlorobutadiene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Hexachlorocyclopentadiene	ND U	0.37	1	12/18/25 19:29	12/16/25	*
Hexachloroethane	ND U	0.37	1	12/18/25 19:29	12/16/25	
Indeno(1,2,3-cd)pyrene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Isophorone	ND U	0.37	1	12/18/25 19:29	12/16/25	
2-Methyl-4,6-dinitrophenol	ND U	2.3	1	12/18/25 19:29	12/16/25	*
1-Methylnaphthalene	ND U	0.38	1	12/18/25 19:29	12/16/25	*
2-Methylnaphthalene	ND U	0.37	1	12/18/25 19:29	12/16/25	
2-Methylphenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
4-Methylphenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
Naphthalene	ND U	0.37	1	12/18/25 19:29	12/16/25	
2-Nitroaniline	ND U	0.38	1	12/18/25 19:29	12/16/25	*
3-Nitroaniline	ND U	0.37	1	12/18/25 19:29	12/16/25	
4-Nitroaniline	ND U	2.3	1	12/18/25 19:29	12/16/25	
Nitrobenzene	ND U	0.37	1	12/18/25 19:29	12/16/25	
2-Nitrophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	*
4-Nitrophenol	ND U	2.3	1	12/18/25 19:29	12/16/25	
N-Nitrosodi-n-propylamine	ND U	0.37	1	12/18/25 19:29	12/16/25	
N-Nitrosodimethylamine	ND U	2.3	1	12/18/25 19:29	12/16/25	
N-Nitrosodiphenylamine	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,2'-Oxybis(1-chloropropane)	ND U	0.37	1	12/18/25 19:29	12/16/25	
Pentachlorophenol	ND U	2.3	1	12/18/25 19:29	12/16/25	*
Phenanthrene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Phenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
Pyrene	ND U	0.37	1	12/18/25 19:29	12/16/25	
Pyridine	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,3,4,6-Tetrachlorophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	
1,2,4-Trichlorobenzene	ND U	0.37	1	12/18/25 19:29	12/16/25	
2,4,5-Trichlorophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	*
2,4,6-Trichlorophenol	ND U	0.37	1	12/18/25 19:29	12/16/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	51	37 - 103	12/18/25 19:29	
2-Fluorophenol	40	30 - 98	12/18/25 19:29	
Nitrobenzene-d5	54	36 - 112	12/18/25 19:29	
Phenol-d6	45	31 - 103	12/18/25 19:29	
Terphenyl-d14	56	18 - 127	12/18/25 19:29	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:15
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-E-7	**Units:**	mg/Kg
Lab Code:	K2512395-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

2,4,6-Tribromophenol	43	35 - 118	12/18/25 19:29

Analyte Comments:

Benzo(b)fluoranthene	This analyte cannot be separated from Benzo(j)fluoranthene.

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:17
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-W-7	**Units:**	mg/Kg
Lab Code:	K2512395-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Acenaphthene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Acenaphthylene	ND U	0.38	1	12/18/25 20:13	12/16/25	
Aniline	ND U	1.1	1	12/18/25 20:13	12/16/25	
Anthracene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Benz(a)anthracene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Benzidine	ND U	2.3	1	12/18/25 20:13	12/16/25	*
Benzo(b)fluoranthene	**0.55**	0.38	1	12/18/25 20:13	12/16/25	
Benzo(k)fluoranthene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Benzoic Acid	ND U	2.3	1	12/18/25 20:13	12/16/25	*
Benzo(g,h,i)perylene	**0.50**	0.37	1	12/18/25 20:13	12/16/25	
Benzo(a)pyrene	**0.57**	0.37	1	12/18/25 20:13	12/16/25	
Benzyl Alcohol	ND U	0.37	1	12/18/25 20:13	12/16/25	
Bis(2-chloroethyl) Ether	ND U	0.37	1	12/18/25 20:13	12/16/25	
Bis(2-ethylhexyl) Phthalate	ND U	0.37	1	12/18/25 20:13	12/16/25	
Bis(2-chloroethoxy)methane	ND U	0.37	1	12/18/25 20:13	12/16/25	
4-Bromophenyl Phenyl Ether	ND U	0.37	1	12/18/25 20:13	12/16/25	
Butyl Benzyl Phthalate	ND U	0.37	1	12/18/25 20:13	12/16/25	
Carbazole	ND U	0.37	1	12/18/25 20:13	12/16/25	
4-Chloro-3-methylphenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
4-Chloroaniline	ND U	0.37	1	12/18/25 20:13	12/16/25	
2-Chloronaphthalene	ND U	0.37	1	12/18/25 20:13	12/16/25	*
2-Chlorophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
4-Chlorophenyl Phenyl Ether	ND U	0.37	1	12/18/25 20:13	12/16/25	
Chrysene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Di-n-butyl Phthalate	ND U	0.37	1	12/18/25 20:13	12/16/25	
Di-n-octyl Phthalate	ND U	0.37	1	12/18/25 20:13	12/16/25	
Dibenz(a,h)anthracene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Dibenzofuran	ND U	0.37	1	12/18/25 20:13	12/16/25	
1,2-Dichlorobenzene	ND U	0.37	1	12/18/25 20:13	12/16/25	
1,3-Dichlorobenzene	ND U	0.37	1	12/18/25 20:13	12/16/25	
1,4-Dichlorobenzene	ND U	0.37	1	12/18/25 20:13	12/16/25	
3,3'-Dichlorobenzidine	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,4-Dichlorophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,6-Dichlorophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	*
Diethyl Phthalate	ND U	0.37	1	12/18/25 20:13	12/16/25	
Dimethyl Phthalate	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,4-Dimethylphenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,4-Dinitrophenol	ND U	2.3	1	12/18/25 20:13	12/16/25	*
2,4-Dinitrotoluene	ND U	0.38	1	12/18/25 20:13	12/16/25	
2,6-Dinitrotoluene	ND U	0.38	1	12/18/25 20:13	12/16/25	*
1,2-Diphenylhydrazine	ND U	0.37	1	12/18/25 20:13	12/16/25	

RIGHT SOLUTIONS | RIGHT PARTNER

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:17
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-W-7	**Units:**	mg/Kg
Lab Code:	K2512395-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Fluoranthene	**0.37**	0.37	1	12/18/25 20:13	12/16/25	
Fluorene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Hexachlorobenzene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Hexachlorobutadiene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Hexachlorocyclopentadiene	ND U	0.37	1	12/18/25 20:13	12/16/25	*
Hexachloroethane	ND U	0.37	1	12/18/25 20:13	12/16/25	
Indeno(1,2,3-cd)pyrene	**0.60**	0.37	1	12/18/25 20:13	12/16/25	
Isophorone	ND U	0.37	1	12/18/25 20:13	12/16/25	
2-Methyl-4,6-dinitrophenol	ND U	2.3	1	12/18/25 20:13	12/16/25	*
1-Methylnaphthalene	ND U	0.38	1	12/18/25 20:13	12/16/25	*
2-Methylnaphthalene	ND U	0.37	1	12/18/25 20:13	12/16/25	
2-Methylphenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
4-Methylphenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
Naphthalene	ND U	0.37	1	12/18/25 20:13	12/16/25	
2-Nitroaniline	ND U	0.38	1	12/18/25 20:13	12/16/25	*
3-Nitroaniline	ND U	0.37	1	12/18/25 20:13	12/16/25	
4-Nitroaniline	ND U	2.3	1	12/18/25 20:13	12/16/25	
Nitrobenzene	ND U	0.37	1	12/18/25 20:13	12/16/25	
2-Nitrophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	*
4-Nitrophenol	ND U	2.3	1	12/18/25 20:13	12/16/25	
N-Nitrosodi-n-propylamine	ND U	0.37	1	12/18/25 20:13	12/16/25	
N-Nitrosodimethylamine	ND U	2.3	1	12/18/25 20:13	12/16/25	
N-Nitrosodiphenylamine	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,2'-Oxybis(1-chloropropane)	ND U	0.37	1	12/18/25 20:13	12/16/25	
Pentachlorophenol	ND U	2.3	1	12/18/25 20:13	12/16/25	*
Phenanthrene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Phenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
Pyrene	ND U	0.37	1	12/18/25 20:13	12/16/25	
Pyridine	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,3,4,6-Tetrachlorophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	
1,2,4-Trichlorobenzene	ND U	0.37	1	12/18/25 20:13	12/16/25	
2,4,5-Trichlorophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	*
2,4,6-Trichlorophenol	ND U	0.37	1	12/18/25 20:13	12/16/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	52	37 - 103	12/18/25 20:13	
2-Fluorophenol	42	30 - 98	12/18/25 20:13	
Nitrobenzene-d5	56	36 - 112	12/18/25 20:13	
Phenol-d6	47	31 - 103	12/18/25 20:13	
Terphenyl-d14	56	18 - 127	12/18/25 20:13	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:17
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-W-7	**Units:**	mg/Kg
Lab Code:	K2512395-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

2,4,6-Tribromophenol	49	35 - 118	12/18/25 20:13

Analyte Comments:

Benzo(b)fluoranthene	This analyte cannot be separated from Benzo(j)fluoranthene.

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:20
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-C-7	**Units:**	mg/Kg
Lab Code:	K2512395-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Acenaphthene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Acenaphthylene	ND U	0.44	1	12/18/25 20:35	12/16/25	
Aniline	ND U	1.3	1	12/18/25 20:35	12/16/25	
Anthracene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Benz(a)anthracene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Benzidine	ND U	2.6	1	12/18/25 20:35	12/16/25	*
Benzo(b)fluoranthene	ND U	0.44	1	12/18/25 20:35	12/16/25	
Benzo(k)fluoranthene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Benzoic Acid	ND U	2.6	1	12/18/25 20:35	12/16/25	*
Benzo(g,h,i)perylene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Benzo(a)pyrene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Benzyl Alcohol	ND U	0.43	1	12/18/25 20:35	12/16/25	
Bis(2-chloroethyl) Ether	ND U	0.43	1	12/18/25 20:35	12/16/25	
Bis(2-ethylhexyl) Phthalate	ND U	0.43	1	12/18/25 20:35	12/16/25	
Bis(2-chloroethoxy)methane	ND U	0.43	1	12/18/25 20:35	12/16/25	
4-Bromophenyl Phenyl Ether	ND U	0.43	1	12/18/25 20:35	12/16/25	
Butyl Benzyl Phthalate	ND U	0.43	1	12/18/25 20:35	12/16/25	
Carbazole	ND U	0.43	1	12/18/25 20:35	12/16/25	
4-Chloro-3-methylphenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
4-Chloroaniline	ND U	0.43	1	12/18/25 20:35	12/16/25	
2-Chloronaphthalene	ND U	0.43	1	12/18/25 20:35	12/16/25	*
2-Chlorophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
4-Chlorophenyl Phenyl Ether	ND U	0.43	1	12/18/25 20:35	12/16/25	
Chrysene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Di-n-butyl Phthalate	ND U	0.43	1	12/18/25 20:35	12/16/25	
Di-n-octyl Phthalate	ND U	0.43	1	12/18/25 20:35	12/16/25	
Dibenz(a,h)anthracene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Dibenzofuran	ND U	0.43	1	12/18/25 20:35	12/16/25	
1,2-Dichlorobenzene	ND U	0.43	1	12/18/25 20:35	12/16/25	
1,3-Dichlorobenzene	ND U	0.43	1	12/18/25 20:35	12/16/25	
1,4-Dichlorobenzene	ND U	0.43	1	12/18/25 20:35	12/16/25	
3,3'-Dichlorobenzidine	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,4-Dichlorophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,6-Dichlorophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	*
Diethyl Phthalate	ND U	0.43	1	12/18/25 20:35	12/16/25	
Dimethyl Phthalate	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,4-Dimethylphenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,4-Dinitrophenol	ND U	2.6	1	12/18/25 20:35	12/16/25	*
2,4-Dinitrotoluene	ND U	0.44	1	12/18/25 20:35	12/16/25	
2,6-Dinitrotoluene	ND U	0.44	1	12/18/25 20:35	12/16/25	*
1,2-Diphenylhydrazine	ND U	0.43	1	12/18/25 20:35	12/16/25	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:20
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-C-7	**Units:**	mg/Kg
Lab Code:	K2512395-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Fluoranthene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Fluorene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Hexachlorobenzene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Hexachlorobutadiene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Hexachlorocyclopentadiene	ND U	0.43	1	12/18/25 20:35	12/16/25	*
Hexachloroethane	ND U	0.43	1	12/18/25 20:35	12/16/25	
Indeno(1,2,3-cd)pyrene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Isophorone	ND U	0.43	1	12/18/25 20:35	12/16/25	
2-Methyl-4,6-dinitrophenol	ND U	2.6	1	12/18/25 20:35	12/16/25	*
1-Methylnaphthalene	ND U	0.44	1	12/18/25 20:35	12/16/25	*
2-Methylnaphthalene	ND U	0.43	1	12/18/25 20:35	12/16/25	
2-Methylphenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
4-Methylphenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
Naphthalene	ND U	0.43	1	12/18/25 20:35	12/16/25	
2-Nitroaniline	ND U	0.44	1	12/18/25 20:35	12/16/25	*
3-Nitroaniline	ND U	0.43	1	12/18/25 20:35	12/16/25	
4-Nitroaniline	ND U	2.6	1	12/18/25 20:35	12/16/25	
Nitrobenzene	ND U	0.43	1	12/18/25 20:35	12/16/25	
2-Nitrophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	*
4-Nitrophenol	ND U	2.6	1	12/18/25 20:35	12/16/25	
N-Nitrosodi-n-propylamine	ND U	0.43	1	12/18/25 20:35	12/16/25	
N-Nitrosodimethylamine	ND U	2.6	1	12/18/25 20:35	12/16/25	
N-Nitrosodiphenylamine	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,2'-Oxybis(1-chloropropane)	ND U	0.43	1	12/18/25 20:35	12/16/25	
Pentachlorophenol	ND U	2.6	1	12/18/25 20:35	12/16/25	*
Phenanthrene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Phenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
Pyrene	ND U	0.43	1	12/18/25 20:35	12/16/25	
Pyridine	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,3,4,6-Tetrachlorophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	
1,2,4-Trichlorobenzene	ND U	0.43	1	12/18/25 20:35	12/16/25	
2,4,5-Trichlorophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	*
2,4,6-Trichlorophenol	ND U	0.43	1	12/18/25 20:35	12/16/25	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	46	37 - 103	12/18/25 20:35	
2-Fluorophenol	34	30 - 98	12/18/25 20:35	
Nitrobenzene-d5	47	36 - 112	12/18/25 20:35	
Phenol-d6	39	31 - 103	12/18/25 20:35	
Terphenyl-d14	52	18 - 127	12/18/25 20:35	

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:20
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-C-7	**Units:**	mg/Kg
Lab Code:	K2512395-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

2,4,6-Tribromophenol	45	35 - 118	12/18/25 20:35

Analyte Comments:

Benzo(b)fluoranthene	This analyte cannot be separated from Benzo(j)fluoranthene.

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Semivolatile Organic Compounds by GC

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:07
Sample Matrix:	Soil	**Date Received:**	12/11/25 16:50
Sample Name:	UST-5-7	**Units:**	ug/Kg
Lab Code:	K2512395-001	**Basis:**	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	ND U	2.3	1	12/18/25 21:53	12/17/25	
Aroclor 1221	ND U	2.3	1	12/18/25 21:53	12/17/25	
Aroclor 1232	ND U	9.1	1	12/18/25 21:53	12/17/25	
Aroclor 1242	ND U	2.3	1	12/18/25 21:53	12/17/25	
Aroclor 1248	ND U	6.8	1	12/18/25 21:53	12/17/25	
Aroclor 1254	ND U	3.4	1	12/18/25 21:53	12/17/25	
Aroclor 1260	ND U	2.3	1	12/18/25 21:53	12/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	20 - 155	12/18/25 21:53	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:09
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-N-7	**Units:**	ug/Kg
Lab Code:	K2512395-002	**Basis:**	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	ND U	2.1	1	12/18/25 22:25	12/17/25	
Aroclor 1221	ND U	2.1	1	12/18/25 22:25	12/17/25	
Aroclor 1232	ND U	8.3	1	12/18/25 22:25	12/17/25	
Aroclor 1242	ND U	2.1	1	12/18/25 22:25	12/17/25	
Aroclor 1248	ND U	6.2	1	12/18/25 22:25	12/17/25	
Aroclor 1254	**5.0**	3.1	1	12/18/25 22:25	12/17/25	
Aroclor 1260	**4.8**	2.1	1	12/18/25 22:25	12/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	72	20 - 155	12/18/25 22:25	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:15
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-E-7	**Units:**	ug/Kg
Lab Code:	K2512395-003	**Basis:**	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	ND U	2.2	1	12/18/25 22:57	12/17/25	
Aroclor 1221	ND U	2.2	1	12/18/25 22:57	12/17/25	
Aroclor 1232	ND U	8.9	1	12/18/25 22:57	12/17/25	
Aroclor 1242	ND U	2.2	1	12/18/25 22:57	12/17/25	
Aroclor 1248	ND U	6.6	1	12/18/25 22:57	12/17/25	
Aroclor 1254	ND U	3.3	1	12/18/25 22:57	12/17/25	
Aroclor 1260	ND U	2.2	1	12/18/25 22:57	12/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	194	20 - 155	12/18/25 22:57	*

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:17
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-W-7	**Units:**	ug/Kg
Lab Code:	K2512395-004	**Basis:**	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	ND U	2.1	1	12/18/25 23:29	12/17/25	
Aroclor 1221	ND U	2.1	1	12/18/25 23:29	12/17/25	
Aroclor 1232	ND U	8.5	1	12/18/25 23:29	12/17/25	
Aroclor 1242	ND U	2.1	1	12/18/25 23:29	12/17/25	
Aroclor 1248	ND U	6.4	1	12/18/25 23:29	12/17/25	
Aroclor 1254	ND U	3.2	1	12/18/25 23:29	12/17/25	
Aroclor 1260	ND U	2.1	1	12/18/25 23:29	12/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	63	20 - 155	12/18/25 23:29	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:20
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-C-7	**Units:**	ug/Kg
Lab Code:	K2512395-005	**Basis:**	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	ND U	2.5	1	12/19/25 00:01	12/17/25	
Aroclor 1221	ND U	2.5	1	12/19/25 00:01	12/17/25	
Aroclor 1232	ND U	10	1	12/19/25 00:01	12/17/25	
Aroclor 1242	ND U	2.5	1	12/19/25 00:01	12/17/25	
Aroclor 1248	ND U	7.6	1	12/19/25 00:01	12/17/25	
Aroclor 1254	ND U	3.8	1	12/19/25 00:01	12/17/25	
Aroclor 1260	ND U	2.5	1	12/19/25 00:01	12/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	69	20 - 155	12/19/25 00:01	

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General Chemistry

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:07
Sample Matrix:	Soil	**Date Received:**	12/11/25 16:50
Sample Name:	UST-5-7	**Basis:**	As Received
Lab Code:	K2512395-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Solids, Total	160.3 Modified	**84.1**	Percent	-	1	12/12/25 16:26	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:09
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-N-7	**Basis:**	As Received
Lab Code:	K2512395-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Solids, Total	160.3 Modified	**91.1**	Percent	-	1	12/12/25 16:26	

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:15
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-E-7	**Basis:**	As Received
Lab Code:	K2512395-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Solids, Total	160.3 Modified	**88.5**	Percent	-	1	12/12/25 16:26	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:17
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-W-7	**Basis:**	As Received
Lab Code:	K2512395-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Solids, Total	160.3 Modified	**87.3**	Percent	-	1	12/12/25 16:26	

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25 13:20
Sample Matrix:	Soil	**Date Received:**	12/12/25 16:50
Sample Name:	UST-C-7	**Basis:**	As Received
Lab Code:	K2512395-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	Dil.	Date Analyzed	Q
Solids, Total	160.3 Modified	**76.0**	Percent	-	1	12/12/25 16:26	

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QC Summary Forms

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Semivolatile Organic Compounds by GC/MS

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Client: ALS Environmental - US **Service Request:** K2512395
Project: EV25120052
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Extraction Method: EPA 3541

Sample Name	Lab Code	2,4,6-Tribromophenol 35 - 118	2-Fluorobiphenyl 37 - 103	2-Fluorophenol 30 - 98
UST-5-7	K2512395-001	42	49	37
UST-N-7	K2512395-002	59	65	52
UST-E-7	K2512395-003	43	51	40
UST-W-7	K2512395-004	49	52	42
UST-C-7	K2512395-005	45	46	34
UST-E-7 MS	KQ2521847-01	69	61	51
UST-E-7 DMS	KQ2521847-02	59	57	47
Method Blank	KQ2521847-03	45	49	44
Lab Control Sample	KQ2521847-04	84	66	54

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Client: ALS Environmental - US **Service Request:** K2512395
Project: EV25120052
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Extraction Method: EPA 3541

Sample Name	Lab Code	Nitrobenzene-d5 36 - 112	Phenol-d6 31 - 103	Terphenyl-d14 18 - 127
UST-5-7	K2512395-001	54	44	52
UST-N-7	K2512395-002	71	61	76
UST-E-7	K2512395-003	54	45	56
UST-W-7	K2512395-004	56	47	56
UST-C-7	K2512395-005	47	39	52
UST-E-7	KQ2521847-01	63	55	63
UST-E-7	KQ2521847-02	64	53	58
Method Blank	KQ2521847-03	53	46	52
Lab Control Sample	KQ2521847-04	70	59	69

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25
Sample Matrix:	Soil	**Date Received:**	12/12/25
		Date Analyzed:	12/18/25
		Date Extracted:	12/16/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	UST-E-7	**Units:**	mg/Kg
Lab Code:	K2512395-003	**Basis:**	Dry
Analysis Method:	8270E		
Prep Method:	EPA 3541		

		Matrix Spike KQ2521847-01			Duplicate Matrix Spike KQ2521847-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Acenaphthene	ND U	2.34	3.75	62	2.19	3.75	58	30-113	6	40
Acenaphthylene	ND U	2.51	3.75	67	2.33	3.75	62	46-108	7	40
Aniline	ND U	1.65	3.75	44	1.55	3.75	41	10-92	6	40
Anthracene	ND U	2.45	3.75	65	2.26	3.75	60	48-111	8	40
Benz(a)anthracene	ND U	2.52	3.75	67	2.34	3.75	62	47-114	7	40
Benzidine	ND U	1.73 J	5.63	31 *	1.65 J	5.63	29 *	70-130	5	40
Benzo(b)fluoranthene	ND U	2.60	3.75	69	2.45	3.75	65	33-124	6	40
Benzo(k)fluoranthene	ND U	2.34	3.75	62	2.21	3.75	59	36-117	6	40
Benzoic Acid	ND U	1.02 J	3.75	27	1.37 J	3.75	37	10-85	30	40
Benzo(g,h,i)perylene	ND U	2.81	3.75	75	2.66	3.75	71	26-126	6	40
Benzo(a)pyrene	ND U	2.50	3.75	67	2.39	3.75	64	31-122	5	40
Benzyl Alcohol	ND U	2.21	3.75	59	2.11	3.75	56	40-96	5	40
Bis(2-chloroethyl) Ether	ND U	2.20	3.75	59	2.10	3.75	56	29-103	5	40
Bis(2-ethylhexyl) Phthalate	ND U	2.62	3.75	70	2.60	3.75	69	35-126	<1	40
Bis(2-chloroethoxy)methane	ND U	2.34	3.75	62	2.17	3.75	58	33-106	8	40
4-Bromophenyl Phenyl Ether	ND U	2.50	3.75	67	2.24	3.75	60	45-109	11	40
Butyl Benzyl Phthalate	ND U	2.52	3.75	67	2.45	3.75	65	36-129	3	40
Carbazole	ND U	2.33	3.75	62	2.17	3.75	58	29-127	7	40
4-Chloro-3-methylphenol	ND U	2.50	3.75	67	2.27	3.75	60	34-100	10	40
4-Chloroaniline	ND U	2.07	3.75	55	1.92	3.75	51	11-98	7	40
2-Chloronaphthalene	ND U	2.38	3.75	63	2.19	3.75	58	37-110	8	40
2-Chlorophenol	ND U	2.17	3.75	58	2.03	3.75	54	27-96	7	40
4-Chlorophenyl Phenyl Ether	ND U	1.90	3.75	51	2.24	3.75	60	35-115	16	40
Chrysene	ND U	2.25	3.75	60	2.08	3.75	55	33-121	8	40
Di-n-butyl Phthalate	ND U	2.47	3.75	66	2.37	3.75	63	28-144	4	40
Di-n-octyl Phthalate	ND U	2.33	3.75	62	2.82	3.75	75	36-136	19	40
Dibenz(a,h)anthracene	ND U	2.44	3.75	65	2.31	3.75	61	30-127	6	40
Dibenzofuran	ND U	2.32	3.75	62	2.16	3.75	58	35-112	7	40
1,2-Dichlorobenzene	ND U	2.10	3.75	56	1.95	3.75	52	36-96	7	40
1,3-Dichlorobenzene	ND U	2.09	3.75	56	1.91	3.75	51	28-91	9	40
1,4-Dichlorobenzene	ND U	2.10	3.75	56	1.94	3.75	52	28-95	8	40
3,3'-Dichlorobenzidine	ND U	2.49	3.75	66	2.25	3.75	60	10-120	10	40
2,4-Dichlorophenol	ND U	2.22	3.75	59	2.05	3.75	54	29-106	8	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25
Sample Matrix:	Soil	**Date Received:**	12/12/25
		Date Analyzed:	12/18/25
		Date Extracted:	12/16/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	UST-E-7	**Units:**	mg/Kg
Lab Code:	K2512395-003	**Basis:**	Dry
Analysis Method:	8270E		
Prep Method:	EPA 3541		

		Matrix Spike KQ2521847-01			Duplicate Matrix Spike KQ2521847-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,6-Dichlorophenol	ND U	2.39	3.75	64 *	2.20	3.75	59 *	70-130	8	40
Diethyl Phthalate	ND U	1.87	3.75	50	2.26	3.75	60	23-131	19	40
Dimethyl Phthalate	ND U	2.39	3.75	64	2.21	3.75	59	28-124	8	40
2,4-Dimethylphenol	ND U	1.90	3.75	51	1.80	3.75	48	10-117	5	40
2,4-Dinitrophenol	ND U	2.49	3.75	67	2.55	3.75	68	10-145	2	40
2,4-Dinitrotoluene	ND U	2.64	3.75	70	2.48	3.75	66	36-127	6	40
2,6-Dinitrotoluene	ND U	2.78	3.75	74	2.57	3.75	68	36-125	8	40
1,2-Diphenylhydrazine	ND U	1.73	3.75	46	2.31	3.75	62	44-107	29	40
Fluoranthene	ND U	2.66	3.75	71	2.42	3.75	65	34-142	9	40
Fluorene	ND U	1.90	3.75	51	2.29	3.75	61	31-116	18	40
Hexachlorobenzene	ND U	2.39	3.75	64	2.16	3.75	57	37-119	10	40
Hexachlorobutadiene	ND U	2.21	3.75	59	2.00	3.75	53	27-107	10	40
Hexachlorocyclopentadiene	ND U	1.84	3.75	49	1.65	3.75	44	10-79	11	40
Hexachloroethane	ND U	2.05	3.75	55	2.00	3.75	53	25-102	3	40
Indeno(1,2,3-cd)pyrene	ND U	2.80	3.75	75	2.65	3.75	71	29-132	5	40
Isophorone	ND U	2.13	3.75	57	1.99	3.75	53	33-103	7	40
2-Methyl-4,6-dinitrophenol	ND U	2.50	3.75	67	2.77	3.75	74	10-138	10	40
1-Methylnaphthalene	ND U	2.40	3.75	64 *	2.14	3.75	57 *	70-130	11	40
2-Methylnaphthalene	ND U	2.39	3.75	64	2.16	3.75	58	30-105	10	40
2-Methylphenol	ND U	2.11	3.75	56	2.06	3.75	55	14-103	2	40
4-Methylphenol	ND U	2.18	3.75	58	2.17	3.75	58	26-97	<1	40
Naphthalene	ND U	2.29	3.75	61	2.09	3.75	56	31-103	9	40
2-Nitroaniline	ND U	2.64	3.75	70	2.46	3.75	65	34-121	7	40
3-Nitroaniline	ND U	2.53	3.75	67	2.34	3.75	62	15-123	8	40
4-Nitroaniline	ND U	1.85 J	3.75	49	2.21 J	3.75	59	10-137	18	40
Nitrobenzene	ND U	2.22	3.75	59	2.26	3.75	60	34-99	2	40
2-Nitrophenol	ND U	2.90	3.75	77	2.64	3.75	70	31-102	9	40
4-Nitrophenol	ND U	2.24 J	3.75	60	2.10 J	3.75	56	12-141	7	40
N-Nitrosodi-n-propylamine	ND U	2.22	3.75	59	2.22	3.75	59	32-107	<1	40
N-Nitrosodimethylamine	ND U	2.00 J	3.75	53	1.73 J	3.75	46	20-98	14	40
N-Nitrosodiphenylamine	ND U	1.88	3.75	50	2.24	3.75	60	35-112	18	40
2,2'-Oxybis(1-chloropropane)	ND U	2.17	3.75	58	2.18	3.75	58	25-106	<1	40
Pentachlorophenol	ND U	2.35	3.75	63	2.24 J	3.75	60	10-135	5	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25
Sample Matrix:	Soil	**Date Received:**	12/12/25
		Date Analyzed:	12/18/25
		Date Extracted:	12/16/25

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	UST-E-7	**Units:**	mg/Kg
Lab Code:	K2512395-003	**Basis:**	Dry
Analysis Method:	8270E		
Prep Method:	EPA 3541		

		Matrix Spike KQ2521847-01			Duplicate Matrix Spike KQ2521847-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Phenanthrene	ND U	2.40	3.75	64	2.24	3.75	60	35-119	7	40
Phenol	ND U	2.21	3.75	59	2.06	3.75	55	18-106	7	40
Pyrene	ND U	2.41	3.75	64	2.25	3.75	60	26-130	7	40
Pyridine	ND U	3.09	7.50	41	2.70	7.51	36	10-153	14	40
2,3,4,6-Tetrachlorophenol	ND U	2.35	3.75	63	2.21	3.75	59	45-110	6	40
1,2,4-Trichlorobenzene	ND U	2.23	3.75	60	2.03	3.75	54	35-105	9	40
2,4,5-Trichlorophenol	ND U	2.33	3.75	62	2.13	3.75	57	27-115	9	40
2,4,6-Trichlorophenol	ND U	2.37	3.75	63	2.21	3.75	59	39-106	7	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	mg/Kg
Lab Code:	KQ2521847-03	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Acenaphthene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Acenaphthylene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Aniline	ND U	0.99	1	12/18/25 13:19	12/16/25	
Anthracene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Benz(a)anthracene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Benzidine	ND U	2.0	1	12/18/25 13:19	12/16/25	
Benzo(b)fluoranthene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Benzo(k)fluoranthene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Benzoic Acid	ND U	2.0	1	12/18/25 13:19	12/16/25	
Benzo(g,h,i)perylene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Benzo(a)pyrene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Benzyl Alcohol	ND U	0.33	1	12/18/25 13:19	12/16/25	
Bis(2-chloroethyl) Ether	ND U	0.33	1	12/18/25 13:19	12/16/25	
Bis(2-ethylhexyl) Phthalate	ND U	0.33	1	12/18/25 13:19	12/16/25	
Bis(2-chloroethoxy)methane	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Bromophenyl Phenyl Ether	ND U	0.33	1	12/18/25 13:19	12/16/25	
Butyl Benzyl Phthalate	ND U	0.33	1	12/18/25 13:19	12/16/25	
Carbazole	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Chloro-3-methylphenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Chloroaniline	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Chloronaphthalene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Chlorophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Chlorophenyl Phenyl Ether	ND U	0.33	1	12/18/25 13:19	12/16/25	
Chrysene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Di-n-butyl Phthalate	ND U	0.33	1	12/18/25 13:19	12/16/25	
Di-n-octyl Phthalate	ND U	0.33	1	12/18/25 13:19	12/16/25	
Dibenz(a,h)anthracene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Dibenzofuran	ND U	0.33	1	12/18/25 13:19	12/16/25	
1,2-Dichlorobenzene	ND U	0.33	1	12/18/25 13:19	12/16/25	
1,3-Dichlorobenzene	ND U	0.33	1	12/18/25 13:19	12/16/25	
1,4-Dichlorobenzene	ND U	0.33	1	12/18/25 13:19	12/16/25	
3,3'-Dichlorobenzidine	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,4-Dichlorophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,6-Dichlorophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
Diethyl Phthalate	ND U	0.33	1	12/18/25 13:19	12/16/25	
Dimethyl Phthalate	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,4-Dimethylphenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,4-Dinitrophenol	ND U	2.0	1	12/18/25 13:19	12/16/25	
2,4-Dinitrotoluene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,6-Dinitrotoluene	ND U	0.33	1	12/18/25 13:19	12/16/25	
1,2-Diphenylhydrazine	ND U	0.33	1	12/18/25 13:19	12/16/25	

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	mg/Kg
Lab Code:	KQ2521847-03	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Fluoranthene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Fluorene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Hexachlorobenzene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Hexachlorobutadiene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Hexachlorocyclopentadiene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Hexachloroethane	ND U	0.33	1	12/18/25 13:19	12/16/25	
Indeno(1,2,3-cd)pyrene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Isophorone	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Methyl-4,6-dinitrophenol	ND U	2.0	1	12/18/25 13:19	12/16/25	
1-Methylnaphthalene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Methylnaphthalene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Methylphenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Methylphenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
Naphthalene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Nitroaniline	ND U	0.33	1	12/18/25 13:19	12/16/25	
3-Nitroaniline	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Nitroaniline	ND U	2.0	1	12/18/25 13:19	12/16/25	
Nitrobenzene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2-Nitrophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
4-Nitrophenol	ND U	2.0	1	12/18/25 13:19	12/16/25	
N-Nitrosodi-n-propylamine	ND U	0.33	1	12/18/25 13:19	12/16/25	
N-Nitrosodimethylamine	ND U	2.0	1	12/18/25 13:19	12/16/25	
N-Nitrosodiphenylamine	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,2'-Oxybis(1-chloropropane)	ND U	0.33	1	12/18/25 13:19	12/16/25	
Pentachlorophenol	ND U	2.0	1	12/18/25 13:19	12/16/25	
Phenanthrene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Phenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
Pyrene	ND U	0.33	1	12/18/25 13:19	12/16/25	
Pyridine	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,3,4,6-Tetrachlorophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
1,2,4-Trichlorobenzene	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,4,5-Trichlorophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	
2,4,6-Trichlorophenol	ND U	0.33	1	12/18/25 13:19	12/16/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	49	37 - 103	12/18/25 13:19	
2-Fluorophenol	44	30 - 98	12/18/25 13:19	
Nitrobenzene-d5	53	36 - 112	12/18/25 13:19	
Phenol-d6	46	31 - 103	12/18/25 13:19	
Terphenyl-d14	52	18 - 127	12/18/25 13:19	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	mg/Kg
Lab Code:	KQ2521847-03	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270E
Prep Method: EPA 3541

2,4,6-Tribromophenol		45	35 - 118	12/18/25 13:19

Analyte Comments:

Benzo(b)fluoranthene	This analyte cannot be separated from Benzo(j)fluoranthene.

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Analyzed:**	12/18/25
Sample Matrix:	Soil	**Date Extracted:**	12/16/25

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analysis Method:	8270E	**Units:**	mg/Kg
Prep Method:	EPA 3541	**Basis:**	Dry
		Analysis Lot:	905159

Lab Control Sample
KQ2521847-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,2,4-Trichlorobenzene	2.02	3.33	61	43-98
1,2-Dichlorobenzene	1.95	3.33	58	42-96
1,2-Diphenylhydrazine	2.35	3.33	71	46-93
1,3-Dichlorobenzene	1.92	3.33	58	39-93
1,4-Dichlorobenzene	1.94	3.33	58	40-93
1-Methylnaphthalene	2.12	3.33	64 *	70-130
2,2'-Oxybis(1-chloropropane)	2.15	3.33	65	37-102
2,3,4,6-Tetrachlorophenol	2.38	3.33	71	39-126
2,4,5-Trichlorophenol	2.23	3.33	67	46-117
2,4,6-Trichlorophenol	2.23	3.33	67	50-114
2,4-Dichlorophenol	2.02	3.33	61	52-106
2,4-Dimethylphenol	1.99	3.33	60	18-94
2,4-Dinitrophenol	3.18	3.33	95	22-136
2,4-Dinitrotoluene	2.61	3.33	78	44-120
2,6-Dichlorophenol	2.20	3.33	66 *	70-130
2,6-Dinitrotoluene	2.63	3.33	79	47-116
2-Chloronaphthalene	2.22	3.33	67	48-102
2-Chlorophenol	2.01	3.33	60	49-102
2-Methyl-4,6-dinitrophenol	2.99	3.33	90	36-132
2-Methylnaphthalene	2.15	3.33	64	47-102
2-Methylphenol	2.01	3.33	60	46-109
2-Nitroaniline	2.47	3.33	74	53-106
2-Nitrophenol	2.59	3.33	78	50-111
3,3'-Dichlorobenzidine	2.32	3.33	69	28-90
3-Nitroaniline	2.46	3.33	74	45-108
4-Bromophenyl Phenyl Ether	2.72	3.33	82	54-113
4-Chloro-3-methylphenol	2.29	3.33	69	53-109
4-Chloroaniline	1.95	3.33	58	43-100
4-Chlorophenyl Phenyl Ether	2.33	3.33	70	52-106
4-Methylphenol	2.12	3.33	64	48-114
4-Nitroaniline	2.38	3.33	71	44-113
4-Nitrophenol	2.28	3.33	68	41-135
Acenaphthene	2.23	3.33	67	51-102
Acenaphthylene	2.37	3.33	71	48-103
Aniline	1.51	3.33	45	30-95
Anthracene	2.30	3.33	69	53-101
Benz(a)anthracene	2.32	3.33	70	55-106
Benzidine	1.41 J	5.00	28	10-76
Benzo(a)pyrene	2.21	3.33	66	52-104
Benzo(b)fluoranthene	2.24	3.33	67	50-107
Benzo(g,h,i)perylene	2.22	3.33	67	50-111

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Analyzed:**	12/18/25
Sample Matrix:	Soil	**Date Extracted:**	12/16/25

Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Analysis Method:	8270E	**Units:**	mg/Kg
Prep Method:	EPA 3541	**Basis:**	Dry
		Analysis Lot:	905159

Lab Control Sample
KQ2521847-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Benzo(k)fluoranthene	2.17	3.33	65	52-107
Benzoic Acid	2.62	3.33	79	31-125
Benzyl Alcohol	2.06	3.33	62	48-107
Bis(2-chloroethoxy)methane	2.16	3.33	65	51-102
Bis(2-chloroethyl) Ether	2.06	3.33	62	47-104
Bis(2-ethylhexyl) Phthalate	2.51	3.33	75	49-114
Butyl Benzyl Phthalate	2.38	3.33	72	51-114
Carbazole	2.24	3.33	67	49-103
Chrysene	2.04	3.33	61	51-102
Dibenz(a,h)anthracene	2.22	3.33	67	56-109
Dibenzofuran	2.23	3.33	67	48-100
Diethyl Phthalate	2.37	3.33	71	52-105
Dimethyl Phthalate	2.32	3.33	70	53-104
Di-n-butyl Phthalate	2.41	3.33	72	53-107
Di-n-octyl Phthalate	2.60	3.33	78	44-119
Fluoranthene	2.50	3.33	75	53-111
Fluorene	2.35	3.33	70	51-100
Hexachlorobenzene	2.25	3.33	67	54-110
Hexachlorobutadiene	1.99	3.33	60	36-101
Hexachlorocyclopentadiene	1.72	3.33	51 *	10-50
Hexachloroethane	1.99	3.33	60	35-94
Indeno(1,2,3-cd)pyrene	2.38	3.33	71	56-108
Isophorone	2.00	3.33	60	44-105
Naphthalene	2.09	3.33	63	46-98
Nitrobenzene	2.21	3.33	66	51-109
N-Nitrosodimethylamine	1.79 J	3.33	54	43-116
N-Nitrosodi-n-propylamine	2.17	3.33	65	51-107
N-Nitrosodiphenylamine	2.34	3.33	70	38-106
Pentachlorophenol	2.30	3.33	69	35-113
Phenanthrene	2.25	3.33	68	54-102
Phenol	2.03	3.33	61	46-99
Pyrene	2.12	3.33	63	47-113
Pyridine	2.78	6.67	42	39-90

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Semivolatile Organic Compounds by GC

ALS Environmental—Kelso Laboratory
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Client: ALS Environmental - US **Service Request:** K2512395
Project: EV25120052
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3546

Sample Name	Lab Code	Decachlorobiphenyl 20 - 155
UST-5-7	K2512395-001	56
UST-N-7	K2512395-002	72
UST-E-7	K2512395-003	194 *
UST-W-7	K2512395-004	63
UST-C-7	K2512395-005	69
UST-N-7 MS	KQ2521917-01	76
UST-N-7 DMS	KQ2521917-02	78
Lab Control Sample	KQ2521917-03	58
Method Blank	KQ2521917-04	58

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Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	12/08/25
Sample Matrix:	Soil	**Date Received:**	12/12/25
		Date Analyzed:	12/18/25
		Date Extracted:	12/17/25

Duplicate Matrix Spike Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	UST-N-7	**Units:**	ug/Kg
Lab Code:	K2512395-002	**Basis:**	Dry
Analysis Method:	8082A		
Prep Method:	EPA 3546		

		Matrix Spike			Duplicate Matrix Spike					
		KQ2521917-01			KQ2521917-02					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	ND U	14.1	19.6	72	14.2	20.5	69	44-119	<1	40
Aroclor 1260	4.8	17.8	19.6	66	18.7	20.5	68	56-130	5	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

RIGHT SOLUTIONS | RIGHT PARTNER

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	KQ2521917-04	**Basis:**	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	ND U	2.0	1	12/18/25 19:45	12/17/25	
Aroclor 1221	ND U	2.0	1	12/18/25 19:45	12/17/25	
Aroclor 1232	ND U	8.0	1	12/18/25 19:45	12/17/25	
Aroclor 1242	ND U	2.0	1	12/18/25 19:45	12/17/25	
Aroclor 1248	ND U	6.0	1	12/18/25 19:45	12/17/25	
Aroclor 1254	ND U	3.0	1	12/18/25 19:45	12/17/25	
Aroclor 1260	ND U	2.0	1	12/18/25 19:45	12/17/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	58	20 - 155	12/18/25 19:45	

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Analyzed:**	12/18/25
Sample Matrix:	Soil	**Date Extracted:**	12/17/25

Lab Control Sample Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method:	8082A	**Units:**	ug/Kg
Prep Method:	EPA 3546	**Basis:**	Dry
		Analysis Lot:	904714

Lab Control Sample
KQ2521917-03

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Aroclor 1016	14.7	20.0	73	44-119
Aroclor 1260	14.3	20.0	71	56-130

RIGHT SOLUTIONS | RIGHT PARTNER

Confirmation Results

Client: ALS Environmental - US
Project: EV25120052
Matrix: Soil

Service Request: K2512395
Date Collected: 12/08/25 13:09
Date Received: 12/12/25

Sample Name: UST-N-7
Lab Code: K2512395-002

Units: ug/Kg
Basis: Dry
Percent Solids: 91.1

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analytical Method: 8082A
Prep Method: EPA 3546

Analyte Name	MRL	Primary Result	Confirmation Result	RPD	Q	Dilution Factor	Date Analyzed
Aroclor 1254	3.1	5.0	6.3	23		1	12/18/25 22:25
Aroclor 1260	2.1	4.8	5.7	17		1	12/18/25 22:25

RIGHT SOLUTIONS | RIGHT PARTNER

Confirmation Results

Client: ALS Environmental - US
Project: EV25120052
Matrix: Soil

Service Request: K2512395
Date Collected: 12/08/25 13:09
Date Received: 12/12/25

Sample Name: UST-N-7
Lab Code: KQ2521917-01

Units: ug/Kg
Basis: Dry
Percent Solids: 91.1

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analytical Method: 8082A
Prep Method: EPA 3546

Analyte Name	MRL	Primary Result	Confirmation Result	RPD	Q	Dilution Factor	Date Analyzed
Aroclor 1016	2.0	14.1	16.7	17		1	12/18/25 20:49
Aroclor 1260	2.0	17.8	20.9	16		1	12/18/25 20:49

RIGHT SOLUTIONS | RIGHT PARTNER

Confirmation Results

Client: ALS Environmental - US
Project: EV25120052
Matrix: Soil

Service Request: K2512395
Date Collected: 12/08/25 13:09
Date Received: 12/12/25

Sample Name: UST-N-7
Lab Code: KQ2521917-02

Units: ug/Kg
Basis: Dry
Percent Solids: 91.1

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analytical Method: 8082A
Prep Method: EPA 3546

Analyte Name	MRL	Primary Result	Confirmation Result	RPD	Q	Dilution Factor	Date Analyzed
Aroclor 1016	2.0	14.2	18.3	25		1	12/18/25 21:21
Aroclor 1260	2.0	18.7	21.0	12		1	12/18/25 21:21

RIGHT SOLUTIONS | RIGHT PARTNER

Confirmation Results

Client:	ALS Environmental - US	**Service Request:**	K2512395
Project:	EV25120052	**Date Collected:**	NA
Matrix:	Soil	**Date Received:**	
Sample Name:	Lab Control Sample		
Lab Code:	KQ2521917-03	**Units:**	ug/Kg
		Basis:	Dry

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analytical Method: 8082A
Prep Method: EPA 3546

Analyte Name	MRL	Primary Result	Confirmation Result	RPD	Q	Dilution Factor	Date Analyzed
Aroclor 1016	2.0	14.7	15.8	7		1	12/18/25 20:17
Aroclor 1260	2.0	14.3	15.2	6		1	12/18/25 20:17

RIGHT SOLUTIONS | RIGHT PARTNER

APPENDIX J

Laboratory Analytical Reports for Soil Samples

#100 8620 Holly Drive
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October 15, 2025

Matthew von der Ahe
Geosyntec Consultants
520 Pike St
Suite 2600
Seattle, WA 98101

Work Order: **EV25100059**

Laboratory Results for: **AQEA WO210007-02.01 WA-1**

Dear Matthew von der Ahe,

ALS Environmental received 12 sample(s) on Oct 14, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

//SR//

Generated By: DEANA.SIMONIAN
Shawn Robinson
Project Manager

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100059

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
EV25100059-01	CA2-C-NSW-2.5	Soil		13-Oct-2025 11:20	14-Oct-2025 11:15	☐
EV25100059-02	CA2-C-ESW1-2.5	Soil		13-Oct-2025 11:27	14-Oct-2025 11:15	☐
EV25100059-03	CA2-C-ESW2-2.5	Soil		13-Oct-2025 11:45	14-Oct-2025 11:15	☐
EV25100059-04	CA2-C-ESW3-2.5	Soil		13-Oct-2025 12:00	14-Oct-2025 11:15	☐
EV25100059-05	CA2-C-WSW1-2.5	Soil		13-Oct-2025 11:30	14-Oct-2025 11:15	☐
EV25100059-06	CA2-C-WSW2-2.5	Soil		13-Oct-2025 11:50	14-Oct-2025 11:15	☐
EV25100059-07	CA2-C-WSW3-2.5	Soil		13-Oct-2025 12:10	14-Oct-2025 11:15	☐
EV25100059-08	CA2-C-SSW1-2.5	Soil		13-Oct-2025 12:05	14-Oct-2025 11:15	☐
EV25100059-09	CA2-C-SSW2-2.5	Soil		13-Oct-2025 12:08	14-Oct-2025 11:15	☐
EV25100059-10	CA2-C-B1-5.5	Soil		13-Oct-2025 11:25	14-Oct-2025 11:15	☐
EV25100059-11	CA2-C-B2-5.5	Soil		13-Oct-2025 11:35	14-Oct-2025 11:15	☐
EV25100059-12	CA2-C-B3-5.5	Soil		13-Oct-2025 11:55	14-Oct-2025 11:15	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants **CASE NARRATIVE**
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100059

Metals by Method EPA-6020

Batch ID: 234224

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-NSW-2.5
Collection Date: 13-Oct-2025 11:20

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-01
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**390**		**0.10**	**MG/KG**	1	15-Oct-2025 14:19
Zinc	**1,200**		**5.0**	**MG/KG**	10	15-Oct-2025 15:08

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-ESW1-2.5
Collection Date: 13-Oct-2025 11:27

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-02
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**210**		**0.10**	**MG/KG**	1	15-Oct-2025 14:31
Zinc	**270**		**0.50**	**MG/KG**	1	15-Oct-2025 14:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-ESW2-2.5
Collection Date: 13-Oct-2025 11:45

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-03
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**840**		**1.0**	**MG/KG**	10	15-Oct-2025 15:10
Zinc	**2,000**		**5.0**	**MG/KG**	10	15-Oct-2025 15:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-ESW3-2.5
Collection Date: 13-Oct-2025 12:00

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-04
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**1,000**		**1.0**	**MG/KG**	10	15-Oct-2025 15:13
Zinc	**2,500**		**5.0**	**MG/KG**	10	15-Oct-2025 15:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-WSW1-2.5
Collection Date: 13-Oct-2025 11:30

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-05
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**360**		**0.10**	**MG/KG**	1	15-Oct-2025 14:49
Zinc	**1,000**		**0.50**	**MG/KG**	1	15-Oct-2025 14:49

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-WSW2-2.5
Collection Date: 13-Oct-2025 11:50

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-06
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**820**		**0.10**	**MG/KG**	1	15-Oct-2025 14:51
Zinc	**1,000**		**0.50**	**MG/KG**	1	15-Oct-2025 14:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-WSW3-2.5
Collection Date: 13-Oct-2025 12:10

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-07
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**55**		**0.10**	**MG/KG**	1	15-Oct-2025 14:54
Zinc	**61**		**0.50**	**MG/KG**	1	15-Oct-2025 14:54

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-SSW1-2.5
Collection Date: 13-Oct-2025 12:05

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-08
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**22**		**0.10**	**MG/KG**	1	15-Oct-2025 14:56
Zinc	**43**		**0.50**	**MG/KG**	1	15-Oct-2025 14:56

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-SSW2-2.5
Collection Date: 13-Oct-2025 12:08

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-09
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020	**Method:EPA-6020**			Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**100**		**0.10**	**MG/KG**	1	15-Oct-2025 14:58
Zinc	**190**		**0.50**	**MG/KG**	1	15-Oct-2025 14:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-B1-5.5
Collection Date: 13-Oct-2025 11:25

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-10
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**220**		**0.10**	**MG/KG**	1	15-Oct-2025 15:01
Zinc	**310**		**0.50**	**MG/KG**	1	15-Oct-2025 15:01

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-B2-5.5
Collection Date: 13-Oct-2025 11:35

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-11
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**56**		**0.10**	**MG/KG**	1	15-Oct-2025 15:15
Zinc	**170**		**0.50**	**MG/KG**	1	15-Oct-2025 15:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-B3-5.5
Collection Date: 13-Oct-2025 11:55

ANALYTICAL REPORT
WorkOrder:EV25100059
Lab ID:EV25100059-12
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 15-Oct-2025		Analyst: RAL
Copper	**37**		**0.10**	**MG/KG**	1	15-Oct-2025 15:17
Zinc	**58**		**0.50**	**MG/KG**	1	15-Oct-2025 15:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100059

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 234224 (0)	**Test Name :** ICP/MS METALS ANALYSIS BY EPA-6020				**Matrix:** Soil	
EV25100059-01	CA2-C-NSW-2.5	13 Oct 2025 11:20		15 Oct 2025 10:00	15 Oct 2025 15:08	10
EV25100059-01	CA2-C-NSW-2.5	13 Oct 2025 11:20		15 Oct 2025 10:00	15 Oct 2025 14:19	1
EV25100059-02	CA2-C-ESW1-2.5	13 Oct 2025 11:27		15 Oct 2025 10:00	15 Oct 2025 14:31	1
EV25100059-03	CA2-C-ESW2-2.5	13 Oct 2025 11:45		15 Oct 2025 10:00	15 Oct 2025 15:10	10
EV25100059-04	CA2-C-ESW3-2.5	13 Oct 2025 12:00		15 Oct 2025 10:00	15 Oct 2025 15:13	10
EV25100059-05	CA2-C-WSW1-2.5	13 Oct 2025 11:30		15 Oct 2025 10:00	15 Oct 2025 14:49	1
EV25100059-06	CA2-C-WSW2-2.5	13 Oct 2025 11:50		15 Oct 2025 10:00	15 Oct 2025 14:51	1
EV25100059-07	CA2-C-WSW3-2.5	13 Oct 2025 12:10		15 Oct 2025 10:00	15 Oct 2025 14:54	1
EV25100059-08	CA2-C-SSW1-2.5	13 Oct 2025 12:05		15 Oct 2025 10:00	15 Oct 2025 14:56	1
EV25100059-09	CA2-C-SSW2-2.5	13 Oct 2025 12:08		15 Oct 2025 10:00	15 Oct 2025 14:58	1
EV25100059-10	CA2-C-B1-5.5	13 Oct 2025 11:25		15 Oct 2025 10:00	15 Oct 2025 15:01	1
EV25100059-11	CA2-C-B2-5.5	13 Oct 2025 11:35		15 Oct 2025 10:00	15 Oct 2025 15:15	1
EV25100059-12	CA2-C-B3-5.5	13 Oct 2025 11:55		15 Oct 2025 10:00	15 Oct 2025 15:17	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100059

QC BATCH REPORT

Batch ID: 234224 (0) **Instrument: ICPMS_130** **Method: ICP/MS METALS ANALYSIS BY EPA-6020**

MBLK Sample ID: **MB-101525S** Units: **MG/KG** Analysis Date: **15-Oct-2025 14:10**
Client ID: Run ID: **ICPMS_130_524067** SeqNo: **9084258** PrepDate: **15-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	ND	0.50								
Zinc	ND	1.0								

LCS Sample ID: **BS-101525S** Units: **MG/KG** Analysis Date: **15-Oct-2025 14:15**
Client ID: Run ID: **ICPMS_130_524067** SeqNo: **9084259** PrepDate: **15-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.94	0.50	25	0	99.8	80 - 120				
Zinc	24.83	1.0	25	0	99.3	80 - 119				

LCSD Sample ID: **BSD-101525S** Units: **MG/KG** Analysis Date: **15-Oct-2025 14:17**
Client ID: Run ID: **ICPMS_130_524067** SeqNo: **9084260** PrepDate: **15-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.95	0.50	25	0	99.8	80 - 120	24.94	0.0601	8.69	
Zinc	24.53	1.0	25	0	98.1	80 - 119	24.83	1.23	8.13	

The following samples were analyzed in this batch:

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: **EV25100059**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

RIGHT SOLUTIONS | RIGHT PARTNER

Data Qualifiers

*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

RIGHT SOLUTIONS | RIGHT PARTNER

Sample Receipt Checklist

Work Order ID: EV25100059 **Date/Time Received:** 14-Oct-2025 11:15

Client Name: GEO12-SEATTLE **Received by:** Dorinda McCormick

Completed By: /S/ Dorinda McCormick (eSignature) 14-Oct-2025 09:15 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: **SOIL** Carrier name: **ALS Courier**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	19.5c On Ice	190	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

RIGHT SOLUTIONS | RIGHT PARTNER

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

EV25100059

Date 10-14-25 Page 1 Of 2

PROJECT ID: AQEA WO 210007-02.01 WA-1
REPORT TO COMPANY: Geosyntec
PROJECT MANAGER: Matthew VonderAhe
ADDRESS: data@aspectconsulting.com
hanna.winter@geosyntec.com
PHONE: P.O. #:
E-MAIL:
INVOICE TO COMPANY: Anchor QEA
ATTENTION: Gavin Casson
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. CA2-C-NSW-2.5	10-13-25	1120	Soil	1
2. CA2-C-ESW1-2.5	10-13-25	1127	Soil	2
3. CA2-C-ESW2-2.5	10-13-25	1145	Soil	3
4. CA2-C-ESW3-2.5	10-13-25	1200	Soil	4
5. CA2-C-WSW1-2.5	10-13-25	1130	Soil	5
6. CA2-C-WSW2-2.5	10-13-25	1150	Soil	6
7. CA2-C-WSW3-2.5	10-13-25	1210	Soil	7
8. CA2-C-SSW1-2.5	10-13-25	1205	Soil	8
9. CA2-C-SSW2-2.5	10-13-25	1208	Soil	9
10. CA2-C-B1-5.5	10-13-25	1125	Soil	10

	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Zn, Cu	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1.																			X	*					1	
2.																			X	*					1	
3.																			X	*					1	
4.																			X						1	
5.																			X						1	
6.																			X						1	
7.																			X						1	
8.																			X						1	
9.																			X						1	
10.																			X						1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Scott Calagrossa, Geosyntec, 10-14-2025, 1115
Received By: N. Whitney & L. Hess, ALS 11:15 2m
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis
10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis
5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify: 19.5°C

*Turnaround request less than standard may incur Rush Charges

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): E425100059

Date 10-14-2025 Page 2 Of 2

PROJECT ID: AQEA WO 210007-02.01 WA-1
REPORT TO COMPANY: Geosyntec
PROJECT MANAGER: Matthew vonder Ahe
ADDRESS: data@aspectconsulting.com
hanna.winter@geosyntec.com
PHONE: P.O. #:
E-MAIL:
INVOICE TO COMPANY: Anchor QEA
ATTENTION: Gavin Casson
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. CA2-C-B2-5,5	10-13-25	1135	Soil	11
2. CA2-C-B3-5,5	10-13-25	1155	Soil	12
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED

NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Zn, Cu	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐
																			X					
																			X					

OTHER (Specify)

NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1	
1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Scott Colgross, Geosyntec, 10-14-2025, 1115
   Received By: Nina Hickey ALS 10/14/2025 1115
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | X | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify: 19.5°C

*Turnaround request less than standard may incur Rush Charges

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

SAMPLE RECEIVING CHECKLIST

Client: GEOSYNTEC
Project: AQEA WO 210007-02.016WA-1 (soils)

ALS Job #: EV2510059
Login Date: 10/14/2025
Login Time: 1115
Login By: AF

Type of Shipping Container: ☐ Cooler ☒ Box ☐ Other: _____

Shipped Via: ☐ FedEx Ground ☐ FedEx Express ☐ UPS ☐ External Courier ☒ ALS Courier ☐ Hand Delivered

	Yes	No	N/A
Were custody seals on the outside of the shipping container?	☐	☐	☒
How Many? ____ Where? _____ Date: _____ Name: _____			
Was CoC filled out properly? (in ink, signed, dated, etc.)	☒	☐	☐
Did all bottles have labels?	☒	☐	☐
Did all bottle labels and tags agree with CoC?	☒	☐	☐
Were samples received within hold time?	☒	☐	☐
Did all bottles arrive in good condition?	☒	☐	☐
Was sufficient amount of sample sent for tests requested?	☒	☐	☐
Was correct preservation added to samples?	☐	☐	☒
Subcontract test containers added to subcontract bin?	☐	☐	☒
Wetchem test containers marked with applicable tests?	☐	☐	☒
Short hold time test containers delivered to analysts?	☐	☐	☒
VOA vials checked for bubbles?	☐	☐	☒
Bubbles in sample number(s): _____			
5035A kits received?	☐	☐	☒
Low kits: _____ High kits: _____			
5035A kits returned?	☐	☐	☒

Low kits: _____ High kits: _____

Temperature upon receipt: 19.5 °C

On ice? ☐ Y ☒ N

Thermometer ID: 190

Other discrepancies:

Was client contacted? _____ Who was called? _____ By whom? _____ Date: _____
Outcome of call:

ALS Environmental – Everett
8620 Holly Dr. STE 100
Everett, WA 98012
(425) 356 - 2600

RIGHT SOLUTIONS | RIGHT PARTNER

#100 8620 Holly Drive
Everett, WA 98208, USA
T: +1 425 356 2600
F: +1 425 356 2626

October 16, 2025

Matthew von der Ahe
Geosyntec Consultants
520 Pike St
Suite 2600
Seattle, WA 98101

Work Order: **EV25100065**

Laboratory Results for: **AQEA WO210007-02.01 WA-1**

Dear Matthew von der Ahe,

ALS Environmental received 26 sample(s) on Oct 15, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

//SR//

Generated By: DEANA.SIMONIAN
Shawn Robinson
Project Manager

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100065

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
EV25100065-01	CA2-B-B1-9.0	Soil		14-Oct-2025 11:45	15-Oct-2025 12:42	☐
EV25100065-02	CA2-B-B2-9.0	Soil		14-Oct-2025 11:50	15-Oct-2025 12:42	☐
EV25100065-03	CA2-B-B3-9.0	Soil		14-Oct-2025 11:55	15-Oct-2025 12:42	☐
EV25100065-04	CA2-B-B4-9.0	Soil		14-Oct-2025 12:00	15-Oct-2025 12:42	☐
EV25100065-05	CA2-B-B5-9.0	Soil		14-Oct-2025 12:05	15-Oct-2025 12:42	☐
EV25100065-06	CA2-B-B6-9.0	Soil		14-Oct-2025 12:10	15-Oct-2025 12:42	☐
EV25100065-07	CA2-A-B1-3.5	Soil		14-Oct-2025 12:15	15-Oct-2025 12:42	☐
EV25100065-08	CA2-A-B2-3.5	Soil		14-Oct-2025 12:20	15-Oct-2025 12:42	☐
EV25100065-09	CA2-A-B3-3.5	Soil		14-Oct-2025 12:30	15-Oct-2025 12:42	☐
EV25100065-10	CA2-A-NSW1-2.0	Soil		15-Oct-2025 07:35	15-Oct-2025 12:42	☐
EV25100065-11	CA2-A-NSW2-2.0	Soil		15-Oct-2025 07:45	15-Oct-2025 12:42	☐
EV25100065-12	CA2-A-ESW1-2.0	Soil		15-Oct-2025 07:55	15-Oct-2025 12:42	☐
EV25100065-13	CA2-A-ESW2-2.0	Soil		15-Oct-2025 08:00	15-Oct-2025 12:42	☐
EV25100065-14	CA2-A-WSW1-2.0	Soil		15-Oct-2025 07:50	15-Oct-2025 12:42	☐
EV25100065-15	CA2-B-ESW1-3.0	Soil		15-Oct-2025 08:05	15-Oct-2025 12:42	☐
EV25100065-16	CA2-B-ESW2 - 7.0	Soil		15-Oct-2025 08:08	15-Oct-2025 12:42	☐
EV25100065-17	CA2-B-ESW4-7.0	Soil		15-Oct-2025 08:10	15-Oct-2025 12:42	☐
EV25100065-18	CA2-B-ESW4-3.0	Soil		15-Oct-2025 08:15	15-Oct-2025 12:42	☐
EV25100065-19	CA2-B-SSW2- 7.0	Soil		15-Oct-2025 08:20	15-Oct-2025 12:42	☐
EV25100065-20	CA2-B-SSW1-3.0	Soil		15-Oct-2025 08:25	15-Oct-2025 12:42	☐
EV25100065-21	CA2-B-SSW4-7.0	Soil		15-Oct-2025 08:30	15-Oct-2025 12:42	☐
EV25100065-22	CA2-B-SSW3-3.0	Soil		15-Oct-2025 08:37	15-Oct-2025 12:42	☐
EV25100065-23	CA2-B-WSW4-7.0	Soil		15-Oct-2025 08:45	15-Oct-2025 12:42	☐
EV25100065-24	CA2-B-WSW3-3.0	Soil		15-Oct-2025 08:50	15-Oct-2025 12:42	☐
EV25100065-25	CA2-B-WSW2-7.0	Soil		15-Oct-2025 08:55	15-Oct-2025 12:42	☐
EV25100065-26	CA2-B-WSW1-3.0	Soil		15-Oct-2025 09:00	15-Oct-2025 12:42	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants **CASE NARRATIVE**
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100065

Metals by Method EPA-6020

Batch ID: 234291,234293

• The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-B1-9.0
Collection Date: 14-Oct-2025 11:45

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-01
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**33**		**0.50**	**MG/KG**	1	16-Oct-2025 13:18
Zinc	**77**		**0.50**	**MG/KG**	1	16-Oct-2025 13:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-B2-9.0
Collection Date: 14-Oct-2025 11:50

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-02
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**23**		**0.50**	**MG/KG**	1	16-Oct-2025 13:30
Zinc	**34**		**0.50**	**MG/KG**	1	16-Oct-2025 13:30

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-B3-9.0
Collection Date: 14-Oct-2025 11:55

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-03
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**18**		**0.50**	**MG/KG**	1	16-Oct-2025 13:37
Zinc	**68**		**0.50**	**MG/KG**	1	16-Oct-2025 13:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-B4-9.0
Collection Date: 14-Oct-2025 12:00

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-04
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**11**		**0.50**	**MG/KG**	1	16-Oct-2025 13:39
Zinc	**52**		**0.50**	**MG/KG**	1	16-Oct-2025 13:39

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-B5-9.0
Collection Date: 14-Oct-2025 12:05

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-05
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**51**		**0.50**	**MG/KG**	1	16-Oct-2025 13:45
Zinc	**74**		**0.50**	**MG/KG**	1	16-Oct-2025 13:45

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-B6-9.0
Collection Date: 14-Oct-2025 12:10

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-06
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**28**		**0.50**	**MG/KG**	1	16-Oct-2025 13:48
Zinc	**56**		**0.50**	**MG/KG**	1	16-Oct-2025 13:48

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-B1-3.5
Collection Date: 14-Oct-2025 12:15

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-07
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**35**		**2.5**	**MG/KG**	5	16-Oct-2025 13:50
Zinc	**100**		**2.5**	**MG/KG**	5	16-Oct-2025 13:50

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-B2-3.5
Collection Date: 14-Oct-2025 12:20

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-08
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**48**		**2.5**	**MG/KG**	5	16-Oct-2025 13:52
Zinc	**110**		**2.5**	**MG/KG**	5	16-Oct-2025 13:52

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-B3-3.5
Collection Date: 14-Oct-2025 12:30

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-09
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**66**		**2.5**	**MG/KG**	5	16-Oct-2025 13:55
Zinc	**340**		**2.5**	**MG/KG**	5	16-Oct-2025 13:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-NSW1-2.0
Collection Date: 15-Oct-2025 07:35

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-10
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020	**Method:EPA-6020**			Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**170**		**2.5**	**MG/KG**	5	16-Oct-2025 13:57
Zinc	**1,200**		**2.5**	**MG/KG**	5	16-Oct-2025 13:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-NSW2-2.0
Collection Date: 15-Oct-2025 07:45

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-11
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020	**Method:EPA-6020**			Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**810**		**5.0**	**MG/KG**	10	16-Oct-2025 13:59
Zinc	**2,700**		**5.0**	**MG/KG**	10	16-Oct-2025 13:59

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-ESW1-2.0
Collection Date: 15-Oct-2025 07:55

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-12
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**860**		**5.0**	**MG/KG**	10	16-Oct-2025 14:07
Zinc	**2,200**		**5.0**	**MG/KG**	10	16-Oct-2025 14:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-ESW2-2.0
Collection Date: 15-Oct-2025 08:00

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-13
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**59**		**2.5**	**MG/KG**	5	16-Oct-2025 14:09
Zinc	**160**		**2.5**	**MG/KG**	5	16-Oct-2025 14:09

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-WSW1-2.0
Collection Date: 15-Oct-2025 07:50

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-14
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**850**		**5.0**	**MG/KG**	10	16-Oct-2025 14:11
Zinc	**3,100**		**5.0**	**MG/KG**	10	16-Oct-2025 14:11

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-ESW1-3.0
Collection Date: 15-Oct-2025 08:05

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-15
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020	**Method:EPA-6020**			Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**550**		**2.5**	**MG/KG**	5	16-Oct-2025 14:14
Zinc	**330**		**2.5**	**MG/KG**	5	16-Oct-2025 14:14

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-ESW2 - 7.0
Collection Date: 15-Oct-2025 08:08

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-16
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**9.8**		**0.50**	**MG/KG**	1	16-Oct-2025 14:16
Zinc	**21**		**0.50**	**MG/KG**	1	16-Oct-2025 14:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-ESW4-7.0
Collection Date: 15-Oct-2025 08:10

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-17
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**23**		**1.0**	**MG/KG**	2	16-Oct-2025 14:24
Zinc	**39**		**1.0**	**MG/KG**	2	16-Oct-2025 14:24

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-ESW4-3.0
Collection Date: 15-Oct-2025 08:15

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-18
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**85**		**1.0**	**MG/KG**	2	16-Oct-2025 14:26
Zinc	**120**		**1.0**	**MG/KG**	2	16-Oct-2025 14:26

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-SSW2- 7.0
Collection Date: 15-Oct-2025 08:20

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-19
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**15**		**0.50**	**MG/KG**	1	16-Oct-2025 14:29
Zinc	**31**		**0.50**	**MG/KG**	1	16-Oct-2025 14:29

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client:	Geosyntec Consultants	**ANALYTICAL REPORT**
Project:	AQEA WO210007-02.01 WA-1	WorkOrder:EV25100065
Sample ID:	CA2-B-SSW1-3.0	Lab ID:EV25100065-20
Collection Date:	15-Oct-2025 08:25	Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**270**		**0.50**	**MG/KG**	1	16-Oct-2025 14:31
Zinc	**570**		**0.50**	**MG/KG**	1	16-Oct-2025 14:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-SSW4-7.0
Collection Date: 15-Oct-2025 08:30

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-21
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**16**		**0.50**	**MG/KG**	1	16-Oct-2025 14:48
Zinc	**34**		**0.50**	**MG/KG**	1	16-Oct-2025 14:48

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-SSW3-3.0
Collection Date: 15-Oct-2025 08:37

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-22
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020	**Method:EPA-6020**			Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**130**		**0.50**	**MG/KG**	1	16-Oct-2025 15:00
Zinc	**150**		**0.50**	**MG/KG**	1	16-Oct-2025 15:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-WSW4-7.0
Collection Date: 15-Oct-2025 08:45

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-23
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**890**		**5.0**	**MG/KG**	10	16-Oct-2025 15:07
Zinc	**2,200**		**5.0**	**MG/KG**	10	16-Oct-2025 15:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-WSW3-3.0
Collection Date: 15-Oct-2025 08:50

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-24
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**40**		**0.50**	**MG/KG**	1	16-Oct-2025 15:10
Zinc	**60**		**0.50**	**MG/KG**	1	16-Oct-2025 15:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-WSW2-7.0
Collection Date: 15-Oct-2025 08:55

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-25
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**420**		**2.5**	**MG/KG**	5	16-Oct-2025 15:12
Zinc	**1,000**		**2.5**	**MG/KG**	5	16-Oct-2025 15:12

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-WSW1-3.0
Collection Date: 15-Oct-2025 09:00

ANALYTICAL REPORT
WorkOrder:EV25100065
Lab ID:EV25100065-26
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020	**Method:EPA-6020**			Prep:EPA 3050 / 16-Oct-2025		Analyst: EBS
Copper	**120**		**0.50**	**MG/KG**	1	16-Oct-2025 15:14
Zinc	**190**		**0.50**	**MG/KG**	1	16-Oct-2025 15:14

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100065

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 234291 (0)	**Test Name :** ICP/MS METALS ANALYSIS BY EPA-6020				**Matrix:** Soil	
EV25100065-01	CA2-B-B1-9.0	14 Oct 2025 11:45		16 Oct 2025 10:00	16 Oct 2025 13:18	1
EV25100065-02	CA2-B-B2-9.0	14 Oct 2025 11:50		16 Oct 2025 10:00	16 Oct 2025 13:30	1
EV25100065-03	CA2-B-B3-9.0	14 Oct 2025 11:55		16 Oct 2025 10:00	16 Oct 2025 13:37	1
EV25100065-04	CA2-B-B4-9.0	14 Oct 2025 12:00		16 Oct 2025 10:00	16 Oct 2025 13:39	1
EV25100065-05	CA2-B-B5-9.0	14 Oct 2025 12:05		16 Oct 2025 10:00	16 Oct 2025 13:45	1
EV25100065-06	CA2-B-B6-9.0	14 Oct 2025 12:10		16 Oct 2025 10:00	16 Oct 2025 13:48	1
EV25100065-07	CA2-A-B1-3.5	14 Oct 2025 12:15		16 Oct 2025 10:00	16 Oct 2025 13:50	5
EV25100065-08	CA2-A-B2-3.5	14 Oct 2025 12:20		16 Oct 2025 10:00	16 Oct 2025 13:52	5
EV25100065-09	CA2-A-B3-3.5	14 Oct 2025 12:30		16 Oct 2025 10:00	16 Oct 2025 13:55	5
EV25100065-10	CA2-A-NSW1-2.0	15 Oct 2025 07:35		16 Oct 2025 10:00	16 Oct 2025 13:57	5
EV25100065-11	CA2-A-NSW2-2.0	15 Oct 2025 07:45		16 Oct 2025 10:00	16 Oct 2025 13:59	10
EV25100065-12	CA2-A-ESW1-2.0	15 Oct 2025 07:55		16 Oct 2025 10:00	16 Oct 2025 14:07	10
EV25100065-13	CA2-A-ESW2-2.0	15 Oct 2025 08:00		16 Oct 2025 10:00	16 Oct 2025 14:09	5
EV25100065-14	CA2-A-WSW1-2.0	15 Oct 2025 07:50		16 Oct 2025 10:00	16 Oct 2025 14:11	10
EV25100065-15	CA2-B-ESW1-3.0	15 Oct 2025 08:05		16 Oct 2025 10:00	16 Oct 2025 14:14	5
EV25100065-16	CA2-B-ESW2 - 7.0	15 Oct 2025 08:08		16 Oct 2025 10:00	16 Oct 2025 14:16	1
EV25100065-17	CA2-B-ESW4-7.0	15 Oct 2025 08:10		16 Oct 2025 10:00	16 Oct 2025 14:24	2
EV25100065-18	CA2-B-ESW4-3.0	15 Oct 2025 08:15		16 Oct 2025 10:00	16 Oct 2025 14:26	2
EV25100065-19	CA2-B-SSW2- 7.0	15 Oct 2025 08:20		16 Oct 2025 10:00	16 Oct 2025 14:29	1
EV25100065-20	CA2-B-SSW1-3.0	15 Oct 2025 08:25		16 Oct 2025 10:00	16 Oct 2025 14:31	1
Batch ID: 234293 (0)	**Test Name :** ICP/MS METALS ANALYSIS BY EPA-6020				**Matrix:** Soil	
EV25100065-21	CA2-B-SSW4-7.0	15 Oct 2025 08:30		16 Oct 2025 10:00	16 Oct 2025 14:48	1
EV25100065-22	CA2-B-SSW3-3.0	15 Oct 2025 08:37		16 Oct 2025 10:00	16 Oct 2025 15:00	1
EV25100065-23	CA2-B-WSW4-7.0	15 Oct 2025 08:45		16 Oct 2025 10:00	16 Oct 2025 15:07	10
EV25100065-24	CA2-B-WSW3-3.0	15 Oct 2025 08:50		16 Oct 2025 10:00	16 Oct 2025 15:10	1
EV25100065-25	CA2-B-WSW2-7.0	15 Oct 2025 08:55		16 Oct 2025 10:00	16 Oct 2025 15:12	5
EV25100065-26	CA2-B-WSW1-3.0	15 Oct 2025 09:00		16 Oct 2025 10:00	16 Oct 2025 15:14	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100065

QC BATCH REPORT

Batch ID: 234291 (0) **Instrument: ICPMS_130** **Method: ICP/MS METALS ANALYSIS BY EPA-6020**

MBLK Sample ID: **MB-101625S** Units: **MG/KG** Analysis Date: **16-Oct-2025 13:09**
Client ID: Run ID: **ICPMS_130_524164** SeqNo: **9086519** PrepDate: **16-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	ND	0.50								
Zinc	ND	1.0								

LCS Sample ID: **BS-101625S** Units: **MG/KG** Analysis Date: **16-Oct-2025 13:13**
Client ID: Run ID: **ICPMS_130_524164** SeqNo: **9086520** PrepDate: **16-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.49	0.50	25	0	98.0	80 - 120				
Zinc	24.49	1.0	25	0	98.0	80 - 119				

LCSD Sample ID: **BSD-101625S** Units: **MG/KG** Analysis Date: **16-Oct-2025 13:16**
Client ID: Run ID: **ICPMS_130_524164** SeqNo: **9086521** PrepDate: **16-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.62	0.50	25	0	98.5	80 - 120	24.49	0.523	8.69	
Zinc	24.45	1.0	25	0	97.8	80 - 119	24.49	0.163	8.13	

The following samples were analyzed in this batch:

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100065

QC BATCH REPORT

Batch ID: 234293 (0) **Instrument: ICPMS_130** **Method: ICP/MS METALS ANALYSIS BY EPA-6020**

MBLK Sample ID: **MB-101625S2** Units: **MG/KG** Analysis Date: **16-Oct-2025 14:38**
Client ID: Run ID: **ICPMS_130_524167** SeqNo: **9086690** PrepDate: **16-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	ND	0.50								
Zinc	ND	1.0								

LCS Sample ID: **BS-101625S2** Units: **MG/KG** Analysis Date: **16-Oct-2025 14:43**
Client ID: Run ID: **ICPMS_130_524167** SeqNo: **9086691** PrepDate: **16-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	25.28	0.50	25	0	101	80 - 120				
Zinc	25.45	1.0	25	0	102	80 - 119				

LCSD Sample ID: **BSD-101625S2** Units: **MG/KG** Analysis Date: **16-Oct-2025 14:45**
Client ID: Run ID: **ICPMS_130_524167** SeqNo: **9086692** PrepDate: **16-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	25.68	0.50	25	0	103	80 - 120	25.28	1.54	8.69	
Zinc	25.71	1.0	25	0	103	80 - 119	25.45	1.02	8.13	

The following samples were analyzed in this batch:

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: **EV25100065**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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Data Qualifiers

*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

RIGHT SOLUTIONS | RIGHT PARTNER

Sample Receipt Checklist

Work Order ID: EV25100065 **Date/Time Received:** 15-Oct-2025 12:42

Client Name: GEO12-SEATTLE **Received by:** Alison Freese

Completed By: /S/ Alison Freese (eSignature) 15-Oct-2025 10:42 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: **Soil** Carrier name: **ALS Courier**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	3 Page(s)
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	18.0, no ice	190	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes: Container labels & lid labels mismatched on Samples #23 and #24

Client Contacted: Yes Date Contacted: 15-Oct-2025 Person Contacted: Scott C

Contacted By: 779 Regarding: Label and lid Mismatch

Comments:

Corrective Action: Client indicated container label was accurate and to disregard lid label

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

EV2510065

Date 10-14-25 time Page 10-14-25 5PM Of 3

PROJECT ID: AQEA W0210007-02.01 WA-1
REPORT TO COMPANY: Geosyntec
PROJECT MANAGER: Matthew vonderAhe
ADDRESS: data@aspectconsulting.com
hanna.winter@geosyntec.com
PHONE: P.O. #:
E-MAIL:
INVOICE TO COMPANY: Anchor QEA
ATTENTION: Gavin Casson
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. CA2-B-B1-9.0	10-14-25	1145	Soil	1
2. CA2-B-B2-9.0	10-14-25	1150	Soil	2
3. CA2-B-B3-9.0	10-14-25	1155	Soil	3
4. CA2-B-B4-9.0	10-14-25	1200	Soil	4
5. CA2-B-B5-9.0	10-14-25	1205	Soil	5
6. CA2-B-B6-9.0	10-14-25	1210	Soil	6
7. CA2-A-B1-3.5	10-14-25	1215	Soil	7
8. CA2-A-B2-3.5	10-14-25	1220	Soil	8
9. CA2-A-B3-3.5	10-14-25	1230	Soil	9
10. CA2-A-~~NW~~NSW1-2.0	10.15-25	0735	soil	10

ANALYSIS REQUESTED

NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Cu, Zn	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
																			X						1	
																			X						1	
																			X						1	
																			X						1	
																			X						1	
																			X						1	
																			X						1	
																			X						1	
																			X						1	
																			X						1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Scott Colagross, Geosyntec, 10.15.25, 1242
   Received By: AFREESE, ALS, 10/15/25 @1242
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis
10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis
5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify: 24 hr.

*Turnaround request less than standard may incur Rush Charges

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): Ev2510o065

Date 10-15-25 Page 2 Of 3

PROJECT ID:	AQEA W0210007-02.01 WA-1
REPORT TO COMPANY:	Geosyntec
PROJECT MANAGER:	Matthew VonderAhe
ADDRESS:	data@aspectconsulting.com
	hanna.winter@geosyntec.com
PHONE:	P.O. #:
E-MAIL:	
INVOICE TO COMPANY:	Anchor QEA
ATTENTION:	Gavin Casson
ADDRESS:	

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Cu, Zn	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. CA2-A-NSW2-2.0	10-15-25	0745	Soil	11													X		1	
2. CA2-A-ESW1-2.0	10-15-25	0755	Soil	12													X		1	
3. CA2-A-ESW2-2.0	10-15-25	0800	Soil	13													X		1	
4. CA2-A-WSW1-2.0	10-15-25	0750	Soil	14													X		1	
5. CA2-B-ESW1-3.0	10-15-25	0805	Soil	15													X		1	
6. CA2-B-ESW2-~~3.0~~ 7.0 SAME	10-15-25	0808	Soil	16													X		1	
7. CA2-B-ESW4-7.0	10-15-25	0810	Soil	17													X		1	
8. CA2-B-~~ESW~~ SSW 4-3.0 SAME	10-15-25	0815	Soil	18													X		1	
9. CA2-B-SSW2-7.0	10-15-25	0820	Soil	19													X		1	
10. CA2-B-SSW1-3.0	10-15-25	0825	Soil	20													X		1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Scott Colagross, Geosyntec, 10-15-25, 1242
   Received By: AFREESE, ALS, 10/15/2025 @ 1242
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify: 24 hr

*Turnaround request less than standard may incur Rush Charges

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): E25100065

Date 10-15-25 Page 3 Of 3

PROJECT ID:	AQEA WO210007-02.01 WA-1
REPORT TO COMPANY:	Geosyntec
PROJECT MANAGER:	Matthew VonderAhe
ADDRESS:	data@aspectconsulting.com hanna.winter@geosyntec.com
PHONE:	P.O. #:
E-MAIL:	
INVOICE TO COMPANY:	Anchor QEA
ATTENTION:	Gavon Casson
ADDRESS:	

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Cu, Zn	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. CA2-B-SSW4-7.0	10.15.25	0830	Soil	21																				X						1	
2. CA2-B-SSW3-3.0	10.15.25	0837	Soil	22																				X						1	
3. CA2-B-WSW4-7.0	10.15.25	0845	Soil	23																				X						1	
4. CA2-B-WSW3-3.0	10.15.25	0850	Soil	24																				X						1	
5. CA2-B-WSW2-7.0	10.15.25	0855	Soil	25																				X						1	
6. CA2-B-WSW1-3.0	10.15.25	0900	Soil	26																				X						1	
7.																															
8.																															
9.																															
10.																															

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Scott Colagross, Geosyntec, 10-15-25, 1242
   Received By: AFREESE, ALS, 10/15/2025 @1242
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | X | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify: 24 hr

*Turnaround request less than standard may incur Rush Charges

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

SAMPLE RECEIVING CHECKLIST

Client: GeoSyntec
Project: AQEA W02100007-02.01 WA-1

ALS Job #: EV2510065
Login Date: 10/15/2025
Login Time: 1242
Login By: AF

Type of Shipping Container: ☑ Cooler ☐ Box ☐ Other: _____

Shipped Via: ☐ FedEx Ground ☐ FedEx Express ☐ UPS ☐ External Courier ☑ ALS Courier ☐ Hand Delivered

	Yes	No	N/A
Were custody seals on the outside of the shipping container? How Many? ____ Where? _____ Date: _____ Name: _____	☐	☐	☑
Was CoC filled out properly? (in ink, signed, dated, etc.)	☑	☐	☐
Did all bottles have labels?	☑	☐	☐
Did all bottle labels and tags agree with CoC?	☑	☐	☐
Were samples received within hold time?	☑	☐	☐
Did all bottles arrive in good condition?	☑	☐	☐
Was sufficient amount of sample sent for tests requested?	☑	☐	☐
Was correct preservation added to samples?	☐	☐	☑
Subcontract test containers added to subcontract bin?	☐	☐	☑
Wetchem test containers marked with applicable tests?	☐	☐	☑
Short hold time test containers delivered to analysts?	☐	☐	☑
VOA vials checked for bubbles? Bubbles in sample number(s): _____	☐	☐	☑
5035A kits received? Low kits: _____ High kits: _____	☐	☐	☑
5035A kits returned? Low kits: _____ High kits: _____	☐	☐	☑

Temperature upon receipt: 18.0 °C On ice? ☐ Y ☑ N Thermometer ID: 190

Other discrepancies: CONTAINER LABELS & LID LABELS MISMATCHED ON SAMPLES #23 & #24

Was client contacted? _____ Who was called? _____ By whom? _____ Date: _____
Outcome of call:

ALS Environmental – Everett
8620 Holly Dr. STE 100
Everett, WA 98012
(425) 356 - 2600

RIGHT SOLUTIONS | RIGHT PARTNER

#100 8620 Holly Drive
Everett, WA 98208, USA
T: +1 425 356 2600
F: +1 425 356 2626

October 20, 2025

Matthew von der Ahe
Geosyntec Consultants
520 Pike St
Suite 2600
Seattle, WA 98101

Work Order: **EV25100078**

Laboratory Results for: **AQEA WO210007-02.01 WA-1**

Dear Matthew von der Ahe,

ALS Environmental received 3 sample(s) on Oct 17, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

//SR//

Generated By: DORINDA.MCCORMICK
Shawn Robinson
Project Manager

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100078

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
EV25100078-01	CA2-C-ESW2-2.5-2	Soil		16-Oct-2025 13:10	17-Oct-2025 13:26	☐
EV25100078-02	CA2-C-ESW3-2.5-2	Soil		16-Oct-2025 13:50	17-Oct-2025 13:26	☐
EV25100078-03	CA2-C-WSW2-2.5-2	Soil		16-Oct-2025 12:30	17-Oct-2025 13:26	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants **CASE NARRATIVE**
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100078

Metals by Method EPA-6020

Batch ID: 234372

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-ESW2-2.5-2
Collection Date: 16-Oct-2025 13:10

ANALYTICAL REPORT
WorkOrder:EV25100078
Lab ID:EV25100078-01
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 17-Oct-2025		Analyst: EBS
Copper	**250**		**0.10**	**MG/KG**	1	17-Oct-2025 17:34
Zinc	**300**		**0.50**	**MG/KG**	1	17-Oct-2025 17:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-ESW3-2.5-2
Collection Date: 16-Oct-2025 13:50

ANALYTICAL REPORT
WorkOrder:EV25100078
Lab ID:EV25100078-02
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 17-Oct-2025		Analyst: EBS
Copper	**33**		**0.10**	**MG/KG**	1	17-Oct-2025 17:46
Zinc	**46**		**0.50**	**MG/KG**	1	17-Oct-2025 17:46

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-C-WSW2-2.5-2
Collection Date: 16-Oct-2025 12:30

ANALYTICAL REPORT
WorkOrder:EV25100078
Lab ID:EV25100078-03
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 17-Oct-2025		Analyst: EBS
Copper	**98**		**0.10**	**MG/KG**	1	17-Oct-2025 17:53
Zinc	**230**		**0.50**	**MG/KG**	1	17-Oct-2025 17:53

Note: See Qualifiers Page for a list of qualifiers and their explanation.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100078

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 234372 (0)	**Test Name :** ICP/MS METALS ANALYSIS BY EPA-6020				**Matrix:** Soil	
EV25100078-01	CA2-C-ESW2-2.5-2	16 Oct 2025 13:10		17 Oct 2025 10:00	17 Oct 2025 17:34	1
EV25100078-02	CA2-C-ESW3-2.5-2	16 Oct 2025 13:50		17 Oct 2025 10:00	17 Oct 2025 17:46	1
EV25100078-03	CA2-C-WSW2-2.5-2	16 Oct 2025 12:30		17 Oct 2025 10:00	17 Oct 2025 17:53	1

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100078

QC BATCH REPORT

Batch ID: 234372 (0) **Instrument: ICPMS_130** **Method: ICP/MS METALS ANALYSIS BY EPA-6020**

MBLK Sample ID: **MB-101725S** Units: **MG/KG** Analysis Date: **17-Oct-2025 17:25**
Client ID: Run ID: **ICPMS_130_524350** SeqNo: **9090706** PrepDate: **17-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	ND	0.50								
Zinc	ND	1.0								

LCS Sample ID: **BS-101725S** Units: **MG/KG** Analysis Date: **17-Oct-2025 17:29**
Client ID: Run ID: **ICPMS_130_524350** SeqNo: **9090707** PrepDate: **17-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.69	0.50	25	0	98.8	80 - 120				
Zinc	24.6	1.0	25	0	98.4	80 - 119				

LCSD Sample ID: **BSD-101725S** Units: **MG/KG** Analysis Date: **17-Oct-2025 17:32**
Client ID: Run ID: **ICPMS_130_524350** SeqNo: **9090708** PrepDate: **17-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	25.52	0.50	25	0	102	80 - 120	24.69	3.27	8.69	
Zinc	25.21	1.0	25	0	101	80 - 119	24.6	2.45	8.13	

The following samples were analyzed in this batch:

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: **EV25100078**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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Data Qualifiers

*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

RIGHT SOLUTIONS | RIGHT PARTNER

Sample Receipt Checklist

Work Order ID: EV25100078 **Date/Time Received:** 17-Oct-2025 13:26

Client Name: GEO12-SEATTLE **Received by:** Dorinda McCormick

Completed By: /S/ Dorinda McCormick (eSignature) 17-Oct-2025 11:26 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: **soil** Carrier name: **Client**

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.1 c no ice	190	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

EV25100078

Date 10-16-25 Page 1 Of 1

PROJECT ID: AQEA W0210007-02,01 WA-1
REPORT TO COMPANY: Geosyntec
PROJECT MANAGER: Matthew vonder Ahe
ADDRESS: data@aspectconsulting.com
hanna.winter@geosyntec.com
PHONE: P.O. #:
E-MAIL:
INVOICE TO COMPANY: Anchor QEA
ATTENTION: Gavon Cassen
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. CA2-C-ESW2-2.5-2	10-16-25	1310	Soil	
2. CA2-C-ESW3-2.5-2	10-16-25	1350	Soil	
3. CA2-C-WSW2-2.5-2	10-16-25	1230	Soil	
4.				
5.				
6.				
7.				
8.				
9.				
10.				

	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	Pesticides by EPA 8081 ☐	PCB by EPA 8082 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
OTHER (Specify)																			Cu, Zn							
1.																			X						1	
2.																			X						1	
3.																			X						1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Scott Colagross, Geosyntec, 10-17-25, 1326
Received By: [illegible] 10/17/25 1326
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis
10 (Standard) 5 3 2 X (Same Day)

Fuels & Hydrocarbon Analysis
5 (Standard) 3 1 (Same Day)

OTHER:
Specify: 24 hr

*Turnaround request less than standard may incur Rush Charges

RIGHT SOLUTIONS | RIGHT PARTNER

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

SAMPLE RECEIVING CHECKLIST

Client: Geosyntec
Project: AQEA W0210007-02,01 WA-1

ALS Job #: EV2510078
Login Date: 10/17/15
Login Time: 13:26
Login By: DHM

Type of Shipping Container: ☐ Cooler ☐ Box ☒ Other: Hands

Shipped Via: ☐ FedEx Ground ☐ FedEx Express ☐ UPS ☐ External Courier ☐ ALS Courier ☒ Hand Delivered

	Yes	No	N/A
Were custody seals on the outside of the shipping container?	☐	☒	☐
How Many? ____ Where? ____ Date: ____ Name: ____			
Was CoC filled out properly? (in ink, signed, dated, etc.)	☒	☐	☐
Did all bottles have labels?	☒	☐	☐
Did all bottle labels and tags agree with CoC?	☒	☐	☐
Were samples received within hold time?	☒	☐	☐
Did all bottles arrive in good condition?	☒	☐	☐
Was sufficient amount of sample sent for tests requested?	☒	☐	☐
Was correct preservation added to samples?	☐	☐	☒
Subcontract test containers added to subcontract bin?	☐	☐	☒
Wetchem test containers marked with applicable tests?	☐	☐	☒
Short hold time test containers delivered to analysts?	☐	☐	☒
VOA vials checked for bubbles?	☐	☐	☒
Bubbles in sample number(s): ____			
5035A kits received?	☐	☒	☐
Low kits: ____ High kits: ____			
5035A kits returned?	☐	☐	☐

Low kits: ____ High kits: ____

Temperature upon receipt: 21.1 °C On ice? ☐ Y ☒ N Thermometer ID: 190

Other discrepancies:

Was client contacted? ____ Who was called? ____ By whom? ____ Date: ____
Outcome of call:

ALS Environmental – Everett
8620 Holly Dr. STE 100
Everett, WA 98012
(425) 356 - 2600

RIGHT SOLUTIONS | RIGHT PARTNER

#100 8620 Holly Drive
Everett, WA 98208, USA
T: +1 425 356 2600
F: +1 425 356 2626

October 21, 2025

Matthew von der Ahe
Geosyntec Consultants
520 Pike St
Suite 2600
Seattle, WA 98101

Work Order: **EV25100085**

Laboratory Results for: **AQEA WO210007-02.01 WA-1**

Dear Matthew von der Ahe,

ALS Environmental received 4 sample(s) on Oct 20, 2025 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

//SR//

Generated By: DORINDA.MCCORMICK
Shawn Robinson
Project Manager

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100085

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
EV25100085-01	CA2-A-WSW1-2.0-2	Soil		20-Oct-2025 08:20	20-Oct-2025 14:08	☐
EV25100085-02	CA2-A-ESW1-2.0-2	Soil		20-Oct-2025 08:55	20-Oct-2025 14:08	☐
EV25100085-03	CA2-B-WSW3-3.0-2	Soil		20-Oct-2025 10:10	20-Oct-2025 14:08	☐
EV25100085-04	CA2-B-WSW4-7.0-2	Soil		20-Oct-2025 10:20	20-Oct-2025 14:08	☐

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants **CASE NARRATIVE**
Project: AQEA WO210007-02.01 WA-1
Work Order: EV25100085

Metals by Method EPA-6020

Batch ID: 234518

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

RIGHT SOLUTIONS | RIGHT PARTNER

Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-WSW1-2.0-2
Collection Date: 20-Oct-2025 08:20

ANALYTICAL REPORT
WorkOrder:EV25100085
Lab ID:EV25100085-01
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 21-Oct-2025		Analyst: EBS
Copper	**64**		**0.20**	**MG/KG**	1	21-Oct-2025 14:10
Zinc	**350**		**0.50**	**MG/KG**	1	21-Oct-2025 14:10

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-A-ESW1-2.0-2
Collection Date: 20-Oct-2025 08:55

ANALYTICAL REPORT
WorkOrder:EV25100085
Lab ID:EV25100085-02
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 21-Oct-2025		Analyst: EBS
Copper	**60**		**0.20**	**MG/KG**	1	21-Oct-2025 14:20
Zinc	**140**		**0.50**	**MG/KG**	1	21-Oct-2025 14:20

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-WSW3-3.0-2
Collection Date: 20-Oct-2025 10:10

ANALYTICAL REPORT
WorkOrder:EV25100085
Lab ID:EV25100085-03
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 21-Oct-2025		Analyst: EBS
Copper	**97**		**0.20**	**MG/KG**	1	21-Oct-2025 14:44
Zinc	**200**		**0.50**	**MG/KG**	1	21-Oct-2025 14:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
Sample ID: CA2-B-WSW4-7.0-2
Collection Date: 20-Oct-2025 10:20

ANALYTICAL REPORT
WorkOrder:EV25100085
Lab ID:EV25100085-04
Matrix:Soil

ANALYSES	RESULT	QUAL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
ICP/MS METALS ANALYSIS BY EPA-6020		**Method:EPA-6020**		Prep:EPA 3050 / 21-Oct-2025		Analyst: EBS
Copper	**160**		**0.20**	**MG/KG**	1	21-Oct-2025 14:46
Zinc	**240**		**0.50**	**MG/KG**	1	21-Oct-2025 14:46

Note: See Qualifiers Page for a list of qualifiers and their explanation.

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Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100085

DATES REPORT

Sample ID	Client Samp ID	Collection Date	Leachate Date	Prep Date	Analysis Date	DF
Batch ID: 234518 (0)	**Test Name :** ICP/MS METALS ANALYSIS BY EPA-6020				**Matrix:** Soil	
EV25100085-01	CA2-A-WSW1-2.0-2	20 Oct 2025 08:20		21 Oct 2025 10:00	21 Oct 2025 14:10	1
EV25100085-02	CA2-A-ESW1-2.0-2	20 Oct 2025 08:55		21 Oct 2025 10:00	21 Oct 2025 14:20	1
EV25100085-03	CA2-B-WSW3-3.0-2	20 Oct 2025 10:10		21 Oct 2025 10:00	21 Oct 2025 14:44	1
EV25100085-04	CA2-B-WSW4-7.0-2	20 Oct 2025 10:20		21 Oct 2025 10:00	21 Oct 2025 14:46	1

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Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: EV25100085

QC BATCH REPORT

Batch ID: 234518 (0) **Instrument: ICPMS_130** **Method: ICP/MS METALS ANALYSIS BY EPA-6020**

MBLK Sample ID: **MB-102125S** Units: **MG/KG** Analysis Date: **21-Oct-2025 13:58**
Client ID: Run ID: **ICPMS_130_524517** SeqNo: **9093869** PrepDate: **21-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	ND	0.20								
Zinc	ND	1.0								

LCS Sample ID: **BS-102125S** Units: **MG/KG** Analysis Date: **21-Oct-2025 14:02**
Client ID: Run ID: **ICPMS_130_524517** SeqNo: **9093870** PrepDate: **21-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.65	0.20	25	0	98.6	80 - 120				B
Zinc	24.69	1.0	25	0	98.7	80 - 119				

LCSD Sample ID: **BSD-102125S** Units: **MG/KG** Analysis Date: **21-Oct-2025 14:05**
Client ID: Run ID: **ICPMS_130_524517** SeqNo: **9093871** PrepDate: **21-Oct-2025** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Copper	24.93	0.20	25	0	99.7	80 - 120	24.65	1.13	8.69	B
Zinc	24.88	1.0	25	0	99.5	80 - 119	24.69	0.765	8.13	

The following samples were analyzed in this batch:

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Client: Geosyntec Consultants
Project: AQEA WO210007-02.01 WA-1
WorkOrder: **EV25100085**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitaion Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

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Data Qualifiers

*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

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Sample Receipt Checklist

Work Order ID: EV25100085 **Date/Time Received:** 20-Oct-2025 14:08

Client Name: GEO12-SEATTLE **Received by:** Nina Helfrey

Completed By: /S/ Nina Helfrey (eSignature) 20-Oct-2025 13:51 (Date/Time) **Reviewed by:** (eSignature) (Date/Time)

Matrices: soil Carrier name: ALS Courier

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
VOA/TX1005/TX1006 Solids in hermetically sealed vials?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Samplers name present on COC?	Yes ☐	No ☑	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☐	No ☑	
Temperature(s)/Thermometer(s):	21.7 c no ice	190	
Cooler(s)/Kit(s):			
Date/Time sample(s) sent to storage:			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

Corrective Action:

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

EV2510008S

Date 10/20/25 Page 1 Of 1

PROJECT ID: AQEA WO 210007-02.01 WA-1
REPORT TO COMPANY: GeoSyntec
PROJECT MANAGER: Matthew VanderAhe
ADDRESS: data@aspectconsulting.com
hannah.winter@geosyntec.com
PHONE: P.O. #:
E-MAIL:
INVOICE TO COMPANY: Anchor QEA
ATTENTION: Gavin Casson
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. CAZ-A-WSW1-7.0-Z	10/20/25	0820	Soil	1
2. CAZ-A-ESW1-2.0-Z	10/20/25	0855	Soil	2
3. CAZ-B-WSW3-3.0-Z	10/20/25	1010	Soil	3
4. CAZ-B-WSW4-7.0-Z	10/20/25	1020	Soil	4
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED

NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Peat ☐	Herbs ☐
																			Cu, Zn					

OTHER (Specify)

NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1	
1	
1	
1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Kayla Yowell, Geosyntec, 10/20/25, 2:05pm
   Received By: Nina Jeffrey ALS 10/20/2025 2:08pm
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | X | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify: 24 hr

*Turnaround request less than standard may incur Rush Charges

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ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

SAMPLE RECEIVING CHECKLIST

Client: GeoSyntec
Project: AQEA WO 210007-02.01 WA-1

ALS Job #: EV2510085
Login Date: 10/20/2025
Login Time: 03:51 pm
Login By: EV2510085

Type of Shipping Container: ☒ Cooler ☐ Box ☐ Other: _____

Shipped Via: ☐ FedEx Ground ☐ FedEx Express ☐ UPS ☐ External Courier ☒ ALS Courier ☐ Hand Delivered

	Yes	No	N/A
Were custody seals on the outside of the shipping container?	☐	☒	☐
How Many? ____ Where? _____ Date: _____ Name: _____			
Was CoC filled out properly? (in ink, signed, dated, etc.)	☒	☐	☐
Did all bottles have labels?	☒	☐	☐
Did all bottle labels and tags agree with CoC?	☒	☐	☐
Were samples received within hold time?	☒	☐	☐
Did all bottles arrive in good condition?	☒	☐	☐
Was sufficient amount of sample sent for tests requested?	☒	☐	☐
Was correct preservation added to samples?	☐	☐	☒
Subcontract test containers added to subcontract bin?	☐	☐	☒
Wetchem test containers marked with applicable tests?	☐	☐	☒
Short hold time test containers delivered to analysts?	☐	☐	☒
VOA vials checked for bubbles?	☐	☐	☒
Bubbles in sample number(s): _____			
5035A kits received?	☐	☒	☐
Low kits: _____ High kits: _____			
5035A kits returned?	☐	☒	☐

Low kits: _____ High kits: _____

Temperature upon receipt: 21.7 °C

On ice? ☐ Y ☒ N

Thermometer ID: 190

Other discrepancies:

Was client contacted? _____ Who was called? _____ By whom? _____ Date: _____
Outcome of call:

ALS Environmental – Everett
8620 Holly Dr. STE 100
Everett, WA 98012
(425) 356 - 2600

Document ID: EVT-PM-RCPT
Version 1.1

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APPENDIX K

Three-Part Soil Compliance Calculations

Table K-1. Copper and Zinc Concentrations in Soil within CA 2 Area of Influence

Project No. 210195, Harris Avenue Shipyard, Bellingham, Washington

			Harris CULs	390	960
			Harris CULs_2x	780	1920
Sample Location	**Date**	**Sample Name**	**Depth [feet]**	**Copper [mg/kg]**	**Zinc [mg/kg]**
CA2-A-B1	10/14/2025	CA2-A-B1-3.5	3.5	**35**	**100**
CA2-A-B2	10/14/2025	CA2-A-B2-3.5	3.5	**48**	**110**
CA2-A-B3	10/14/2025	CA2-A-B3-3.5	3.5	**66**	**340**
CA2-A-ESW1-2	10/20/2025	CA2-A-ESW1-2.0-2	2	**60**	**140**
CA2-A-ESW2	10/15/2025	CA2-A-ESW2-2.0	2	**59**	**160**
CA2-A-WSW1-2	10/20/2025	CA2-A-WSW1-2.0-2	2	**64**	**350**
CA2-B-B1	10/14/2025	CA2-B-B1-9.0	9	**33**	**77**
CA2-B-B2	10/14/2025	CA2-B-B2-9.0	9	**23**	**34**
CA2-B-B3	10/14/2025	CA2-B-B3-9.0	9	**18**	**68**
CA2-B-B4	10/14/2025	CA2-B-B4-9.0	9	**11**	**52**
CA2-B-B5	10/14/2025	CA2-B-B5-9.0	9	**51**	**74**
CA2-B-B6	10/14/2025	CA2-B-B6-9.0	9	**28**	**56**
CA2-B-ESW1	10/15/2025	CA2-B-ESW1-3.0	3	**550**	**330**
CA2-B-ESW2	10/15/2025	CA2-B-ESW2 - 7.0	7	**9.8**	**21**
CA2-B-ESW3	10/15/2025	CA2-B-ESW3-3.0*	3	**85**	**120**
CA2-B-ESW4	10/15/2025	CA2-B-ESW4-7.0	7	**23**	**39**
CA2-B-SSW1	10/15/2025	CA2-B-SSW1-3.0	3	**270**	**570**
CA2-B-SSW2	10/15/2025	CA2-B-SSW2- 7.0	7	**15**	**31**
CA2-B-SSW3	10/15/2025	CA2-B-SSW3-3.0	3	**130**	**150**
CA2-B-SSW4	10/15/2025	CA2-B-SSW4-7.0	7	**16**	**34**
CA2-B-WSW1	10/15/2025	CA2-B-WSW1-3.0	3	**120**	**190**
CA2-B-WSW2	10/15/2025	CA2-B-WSW2-7.0	7	**420**	**1000**
CA2-B-WSW3-2	10/20/2025	CA2-B-WSW3-3.0-2	3	**97**	**200**
CA2-B-WSW4-2	10/20/2025	CA2-B-WSW4-7.0-2	7	**160**	**240**
CA2-C-B1	10/13/2025	CA2-C-B1-5.5	5.5	**220**	**310**
CA2-C-B2	10/13/2025	CA2-C-B2-5.5	5.5	**56**	**170**
CA2-C-B3	10/13/2025	CA2-C-B3-5.5	5.5	**37**	**58**
CA2-C-ESW1	10/13/2025	CA2-C-ESW1-2.5	2.5	**210**	**270**
CA2-C-ESW2-2	10/16/2025	CA2-C-ESW2-2.5-2	2.5	**250**	**300**
CA2-C-ESW3-2	10/16/2025	CA2-C-ESW3-2.5-2	2.5	**33**	**46**
CA2-C-NSW	10/13/2025	CA2-C-NSW-2.5	2.5	**390**	**1200**
CA2-C-SSW1	10/13/2025	CA2-C-SSW1-2.5	2.5	**22**	**43**
CA2-C-SSW2	10/13/2025	CA2-C-SSW2-2.5	2.5	**100**	**190**
CA2-C-WSW1	10/13/2025	CA2-C-WSW1-2.5	2.5	**360**	**1000**
CA2-C-WSW2-2	10/16/2025	CA2-C-WSW2-2.5-2	2.5	**98**	**230**
CA2-C-WSW3	10/13/2025	CA2-C-WSW3-2.5	2.5	**55**	**61**
AB-01	4/26/2022	AB-01-5.0-6.5	5-6.5	**83.9**	**142**
		AB-01-7.5-8	7.5-8	**349**	**227**
		AB-01-12.5-13	12.5-13	**31**	**45**
AB-02	4/26/2022	AB-02-6.0-7.5	6-7.5	**87.1**	**320**
		AB-02-11-12	11-12	**88.4**	**262**
AB-03	4/26/2022	AB-03-2.5-4.0	2.5-4	**38.5**	**61.5**
		AB-03-5.0-6.5	5-6.5	**173**	**277**
		AB-03-7.5-8.5	7.5-8.5	**408**	**613**
		AB-03-11-12.5	11-12.5	**34**	**49.7**
AB-04	4/25/2022	AB-04-2.5-3.0	2.5-3	**432**	**1490**
		AB-04-5-6.5	5-6.5	**40.4**	**95.3**
		AB-04-7.5-9.0	7.5-9	**28.1**	**110**
		AB-04-12.5-14	12.5-14	**40.7**	**72.9**

Table K-1. Copper and Zinc Concentrations in Soil within CA 2 Area of Influence

Project No. 210195, Harris Avenue Shipyard, Bellingham, Washington

			Harris CULs	390	960
			Harris CULs_2x	780	1920
Sample Location	**Date**	**Sample Name**	**Depth [feet]**	**Copper [mg/kg]**	**Zinc [mg/kg]**
AB-05	4/25/2022	AB-05-2.5-4.0	2.5-4	**65.7**	**106**
		AB-05-5.0-6.5	5-6.5	**126**	**195**
		AB-05-6.5-7.5	6.5-7.5	**312**	**1,100**
		AB-05-12.5-13	12.5-13	**84.2**	**222**
AB-06	4/25/2022	AB-06-2.5-4.0	2.5-4	**477**	**292**
		AB-06-4.0-5.0	4-5	**277**	**250**
		AB-06-7.5-9.0	7.5-9	**53.5**	**104**
		AB-06-11.5-12.5	11.5-12.5	**29.7**	**47.2**
AB-07	4/25/2022	AB-07-12.5-14.0	12.5-14	**63.2**	**77.1**
AB-08	4/25/2022	AB-08-5-6.5	5-6.5	**160**	**260**
		AB-08-7.5-9.0	7.5-9	**303**	**512**
		AB-08-11.5-12.5	11.5-12.5	**23**	**43.3**
AB-09	4/26/2022	AB-09-5.0-6.5	5-6.5	**156**	**191**
		AB-09-7.5-9.0	7.5-9	**33.9**	**72**
		AB-09-11-12.5	11-12.5	**25.6**	**35.9**
AB-10	4/26/2022	AB-10-2.5-4.0	2.5-4	**65.8**	**211**
		AB-10-4.5-5.0	4.5-5	**55.8**	**154**
		AB-10-7.0-7.5	7-7.5	**51.4**	**103**
		AB-10-7.5-10	7.5-10	**117**	**305**
FS-02	3/16/2011	FS-02-18	18	**19**	**32**
FS-03	3/16/2011	FS-03-11	11	**160**	**250**
FS-07	3/16/2011	FS-07-2-3	2-3	**13**	**180**
		FS-07-12.5-13.5	12.5-13.5	**19**	**31**
FS-09	3/15/2011	FS-09-8-8.5	8-8.5	**24**	**40**
		FS-09-18.5-20	18.5-20	**15**	**36**
MW-2	4/28/1998	MW-2-8.5	8.5	**114**	**281**
MW-02A	3/15/2011	MW-02A-7.5	7.5	**14**	**45**
		MW-02A-13.5	13.5	**48**	**71**
MW-07	3/15/2011	MW-07-5.5	5.5	**17**	**39**
		MW-07-14	14	**47**	**69**
MW-12	2/9/2015	MW-12-10.5-11	10.5-11	**73**	**131**
		MW-12-11-12	11-12	**45**	**98**
		MW-12-13-14	13-14	**75**	**256**
		MW-12-14-15	14-15	**79.1**	**160**
TP-09	4/30/1998	TP-9-1.8	1.8	**29.3**	**49.1**
		TP-9-6	6	**26.7**	**43.9**

Notes:

Results in **bold** indicate the analyte was detected above the laboratory reporting limit

Blue-shaded results indicate that the analyte was detected at a concentration above the CUL

CUL = Cleanup level; mg/kg = milligrams per kilogram

*Sample initially called CA2-B-ESW4-3.0 in lab reports. Sample name updated in dataset to be consistent with Location ID (CA2-B-ESW3).

Table K-2. ProUCL 95 UCL Calculations for Post-Excavation Data Set, Copper

Project No. 210195, Harris Avenue Shipyard, Bellingham, Washington

UCL Statistics for Uncensored Full Data Sets			
User Selected Options			
Date/Time of Computation	ProUCL 5.2 5/3/2026 7:24:03 AM		
From File	WorkSheet_c.xls		
Full Precision	OFF		
Confidence Coefficient	95%		
Number of Bootstrap Operations	2,000		
Copper (mg/kg)			
General Statistics			
Total Number of Observations	85	Number of Distinct Observations	77
		Number of Missing Observations	0
Minimum	9.8	Mean	110.1
Maximum	550	Median	59
SD	124	Std. Error of Mean	13.45
Coefficient of Variation	1.127	Skewness	1.802
Normal GOF Test			
Shapiro Wilk Test Statistic	0.733	**Shapiro Wilk GOF Test**	
1% Shapiro Wilk P Value	0	Data Not Normal at 1% Significance Level	
Lilliefors Test Statistic	0.24	**Lilliefors GOF Test**	
1% Lilliefors Critical Value	0.111	Data Not Normal at 1% Significance Level	
Data Not Normal at 1% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	132.4	95% Adjusted-CLT UCL (Chen-1995)	135
		95% Modified-t UCL (Johnson-1978)	132.9
Gamma GOF Test			
A-D Test Statistic	2.344	**Anderson-Darling Gamma GOF Test**	
5% A-D Critical Value	0.78	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.139	**Kolmogorov-Smirnov Gamma GOF Test**	
5% K-S Critical Value	0.0997	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	1.09	k star (bias corrected MLE)	1.06
Theta hat (MLE)	100.9	Theta star (bias corrected MLE)	103.9
nu hat (MLE)	185.4	nu star (bias corrected)	180.1
MLE Mean (bias corrected)	110.1	MLE Sd (bias corrected)	106.9
		Approximate Chi Square Value (0.05)	150.1
Adjusted Level of Significance	0.0472	Adjusted Chi Square Value	149.6

Table K-2. ProUCL 95 UCL Calculations for Post-Excavation Data Set, Copper

Project No. 210195, Harris Avenue Shipyard, Bellingham, Washington

Assuming Gamma Distribution			
95% Approximate Gamma UCL	132.1	95% Adjusted Gamma UCL	132.5
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.954	**Shapiro Wilk Lognormal GOF Test**	
10% Shapiro Wilk P Value	0.0141	Data Not Lognormal at 10% Significance Level	
Lilliefors Test Statistic	0.0714	**Lilliefors Lognormal GOF Test**	
10% Lilliefors Critical Value	0.0881	Data appear Lognormal at 10% Significance Level	
Data appear Approximate Lognormal at 10% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	2.282	Mean of Logged Data	4.177
Maximum of Logged Data	6.31	SD of Logged Data	1.019
Assuming Lognormal Distribution			
95% H-UCL	140.7	90% Chebyshev (MVUE) UCL	151.7
95% Chebyshev (MVUE) UCL	171.3	97.5% Chebyshev (MVUE) UCL	198.5
99% Chebyshev (MVUE) UCL	251.8		
Nonparametric Distribution Free UCL Statistics			
Data Appear to Follow a Discernible Distribution			
Nonparametric Distribution Free UCLs			
95% CLT UCL	132.2	95% BCA Bootstrap UCL	135.5
95% Standard Bootstrap UCL	131.9	95% Bootstrap-t UCL	137
95% Hall's Bootstrap UCL	135.4	95% Percentile Bootstrap UCL	132.4
90% Chebyshev(Mean, Sd) UCL	150.4	95% Chebyshev(Mean, Sd) UCL	168.7
97.5% Chebyshev(Mean, Sd) UCL	194.1	99% Chebyshev(Mean, Sd) UCL	243.9
Suggested UCL to Use			
95% H-UCL	140.7		
The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.			
Please verify the data were collected from random locations.			
If the data were collected using judgmental or other non-random methods,			
then contact a statistician to correctly calculate UCLs.			
Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.			
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.			
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.			

Table K-3. ProUCL 95 UCL Calculations for Post-Excavation Data Set, Zinc

Project No. 210195, Harris Avenue Shipyard, Bellingham, Washington

UCL Statistics for Uncensored Full Data Sets			
User Selected Options			
Date/Time of Computation	ProUCL 5.2 5/3/2026 7:10:07 AM		
From File	WorkSheet.xls		
Full Precision	OFF		
Confidence Coefficient	95%		
Number of Bootstrap Operations	2000		
Zinc (mg/Kg)			
General Statistics			
Total Number of Observations	85	Number of Distinct Observations	76
		Number of Missing Observations	0
Minimum	21	Mean	214.4
Maximum	1490	Median	131
SD	270.5	Std. Error of Mean	29.34
Coefficient of Variation	1.262	Skewness	2.883
Normal GOF Test			
Shapiro Wilk Test Statistic	0.64	**Shapiro Wilk GOF Test**	
1% Shapiro Wilk P Value	0	Data Not Normal at 1% Significance Level	
Lilliefors Test Statistic	0.237	**Lilliefors GOF Test**	
1% Lilliefors Critical Value	0.111	Data Not Normal at 1% Significance Level	
Data Not Normal at 1% Significance Level			
Assuming Normal Distribution			
95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	263.2	95% Adjusted-CLT UCL (Chen-1995)	272.4
		95% Modified-t UCL (Johnson-1978)	264.7
Gamma GOF Test			
A-D Test Statistic	2.23	**Anderson-Darling Gamma GOF Test**	
5% A-D Critical Value	0.78	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.11	**Kolmogorov-Smirnov Gamma GOF Test**	
5% K-S Critical Value	0.0996	Data Not Gamma Distributed at 5% Significance Level	
Data Not Gamma Distributed at 5% Significance Level			
Gamma Statistics			
k hat (MLE)	1.121	k star (bias corrected MLE)	1.089
Theta hat (MLE)	191.3	Theta star (bias corrected MLE)	196.9
nu hat (MLE)	190.5	nu star (bias corrected)	185.1
MLE Mean (bias corrected)	214.4	MLE Sd (bias corrected)	205.4
		Approximate Chi Square Value (0.05)	154.7
Adjusted Level of Significance	0.0472	Adjusted Chi Square Value	154.2

Table K-3. ProUCL 95 UCL Calculations for Post-Excavation Data Set, Zinc

Project No. 210195, Harris Avenue Shipyard, Bellingham, Washington

Assuming Gamma Distribution			
95% Approximate Gamma UCL	256.6	95% Adjusted Gamma UCL	257.4
Lognormal GOF Test			
Shapiro Wilk Test Statistic	0.952	**Shapiro Wilk Lognormal GOF Test**	
10% Shapiro Wilk P Value	0.00935	Data Not Lognormal at 10% Significance Level	
Lilliefors Test Statistic	0.0888	**Lilliefors Lognormal GOF Test**	
10% Lilliefors Critical Value	0.0881	Data Not Lognormal at 10% Significance Level	
Data Not Lognormal at 10% Significance Level			
Lognormal Statistics			
Minimum of Logged Data	3.045	Mean of logged Data	4.859
Maximum of Logged Data	7.307	SD of logged Data	0.977
Assuming Lognormal Distribution			
95% H-UCL	263.3	90% Chebyshev (MVUE) UCL	284
95% Chebyshev (MVUE) UCL	319.3	97.5% Chebyshev (MVUE) UCL	368.3
99% Chebyshev (MVUE) UCL	464.4		
Nonparametric Distribution Free UCL Statistics			
Data do not follow a Discernible Distribution			
Nonparametric Distribution Free UCLs			
95% CLT UCL	262.6	95% BCA Bootstrap UCL	272.7
95% Standard Bootstrap UCL	262.2	95% Bootstrap-t UCL	280
95% Hall's Bootstrap UCL	273.6	95% Percentile Bootstrap UCL	263.8
90% Chebyshev(Mean, Sd) UCL	302.4	95% Chebyshev(Mean, Sd) UCL	342.2
97.5% Chebyshev(Mean, Sd) UCL	397.6	99% Chebyshev(Mean, Sd) UCL	506.3
Suggested UCL to Use			
95% Student's-t UCL	263.2		
The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.			
Please verify the data were collected from random locations.			
If the data were collected using judgmental or other non-random methods,			
then contact a statistician to correctly calculate UCLs.			
Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.			
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.			
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.			

APPENDIX L

Backfill Compaction Testing Results

CERTERRA GEOTEST

FIELD DENSITY/MOISTURE REPORT

Nuclear Gauge * ASTM D6938

PROJECT: Harris Avenue Shipyard Upland Cleanup Action
JOB #: 25-1986

ADDRESS: 201 Harris Avenue, Bellingham, WA
REPORT #: FD002

PERMIT #:
DATE: 10/30/2025

CLIENT: Strider Construction Co.
PAGE #: 1 of 4

CONTRACTOR: Strider Construction Co.
INSPECTOR: Jordan Clontz

Compaction Of: Gravel Borrow for Site Backfill

Field Data:

Test #	Location	Depth/ Elev (ft)	DT/ BS (in)	Wet Density (pcf)	Field Moisture (%)	Dry Density (pcf)	Lab #	Compaction %		Pass/ Fail
								Attained	Required	
1	See Image 1	-1	DT/10	134.7	6.5	126.5	1	**98**	95	P
2	See Image 1	-1	DT/10	140.3	7.9	130	1	**101**	95	P
3	See Image 1	-1	DT/10	139.2	7.4	129.6	1	**101**	95	P
4	See Image 1	-1	DT/10	139.3	6.8	130.4	1	**101**	95	P
5	See Image 1	-1	DT/10	138.3	6.6	129.7	1	**101**	95	P
6	See Image 1	-1	DT/10	134.6	6.8	126	1	**98**	95	P
7	See Image 1	-1	DT/10	139.8	8.8	128.5	1	**100**	95	P
8	Area 2B (See Image 2)	-6	DT/10	136.1	5.9	128.6	1	**100**	95	P
9	Area 2B (See Image 3)	-6.5	DT/10	130.9	7.2	122.1	1	**95**	95	P
10	Area 2C (See Image 4)	-.5	DT/12	129.5	6.2	121.9	1	**95**	95	P
11	Area 2C (See Image 5)	-3	DT/12	134.0	9.6	122.3	1	**95**	95	P

Lab Sample #	Soil Type	Source	Max. Dry Density (pcf)	Optimum Moisture (%)	Retained On #4 (%)	Test Method
1-5094	Gravel Borrow	Granite - Vellema Pit	128.9	9.5	34	ASTM D1557/D4718
2-			0.0			None
3-			0.0			None

Gauge Make/Model/Serial#: Instrotek 3500 / 4744 M/D Standard Count: 713 / 2295 Calibration Date: 6/8/25

Comments: Certerra arrived on-site to perform compaction testing on structural fill placed at the above-referenced location. Upon arrival, the contractor had previously placed the material in a single 12" lift and applied uniform compaction effort over the area with a large single-drum vibratory roller. All compaction tests met the minimum compaction requirements.

COPIES: calvink@striderconstruction.com, dpreszler@rmacompanies.com, ryanb@striderconstruction.com

Reviewed by

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The above test results relate only to the sample (or location) tested.

CERTERRA GEOTEST

FIELD DENSITY/MOISTURE REPORT

Nuclear Gauge * ASTM D6938

PROJECT:	Harris Avenue Shipyard Upland Cleanup Action	**JOB #:**	25-1986
CLIENT:	Strider Construction Co.	**REPORT #:**	FD002
CONTRACTOR:	Strider Construction Co.	**PAGE #:**	2 of 4

Image 1 - Approximate Test Locations #1-7

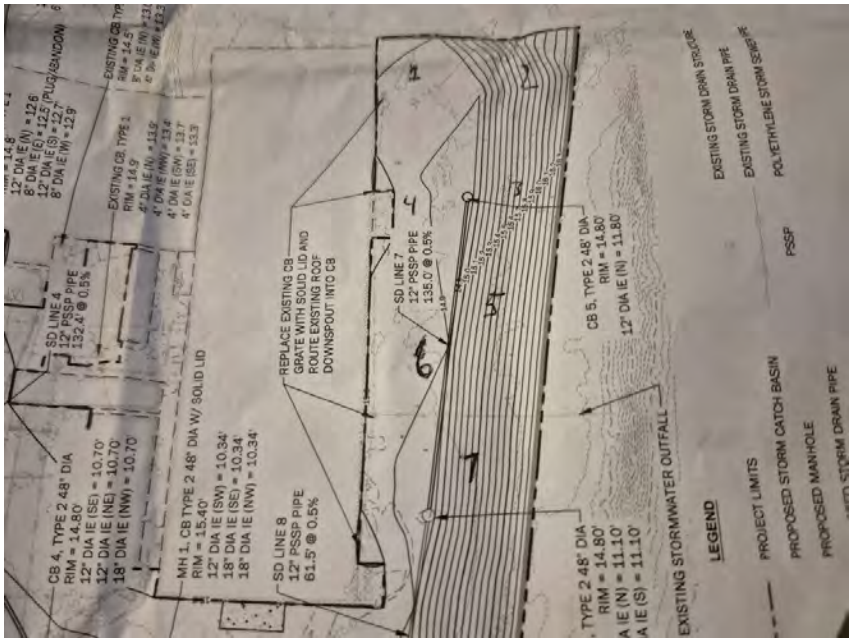


Image 2 - Area 2B Test #8 Location



CERTERRA GEOTEST

FIELD DENSITY/MOISTURE REPORT

Nuclear Gauge * ASTM D6938

PROJECT:	Harris Avenue Shipyard Upland Cleanup Action	**JOB #:**	25-1986
CLIENT:	Strider Construction Co.	**REPORT #:**	FD002
CONTRACTOR:	Strider Construction Co.	**PAGE #:**	3 of 4

Image 3 - Area 2B Test #9 Location



Image 4 - Area 2C Test #10 Location



CERTERRA
GEOTEST

FIELD DENSITY/MOISTURE REPORT

Nuclear Gauge * ASTM D6938

PROJECT:	Harris Avenue Shipyard Upland Cleanup Action	**JOB #:**	25-1986
CLIENT:	Strider Construction Co.	**REPORT #:**	FD002
CONTRACTOR:	Strider Construction Co.	**PAGE #:**	4 of 4

Image 5 - Area 2C Test #11 Location



CERTERRA GEOTEST

Daily Field Report
Soils Engineering Technician

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Request By Jeremy Cox **Phone** (360) 380-1234
Date Wednesday, 19 November 2025 **Cell** (360) 303-2787
Time 9:00 AM
Task 2001, Soils Engineering Technician

Remarks

Reference Documents Approved Plans **Permit no.**
General Contractor Strider Construction
Sub-Contractor Strider Construction
Material Supplier Granite

Equipment On-Site

excavator mounted hoe pack, plate compactor

Summary of Observations

Certerra was onsite as requested to provide observation and documentation of site soil conditions. The weather conditions were approximately 45ºF and partly cloudy. Prior to our site visit approximately 4-5" of Crushed Surfacing Base had been placed as the subgrade for an ecology block wall on the north end of the site shown in Image 1. The base course was compacted with an excavator mounted hoe pack and a walk behind plate compactor. The subgrade soils exhibited 1-2” of penetration when examined with a 3/8” pointed steel soil probe under full body weight. No significant yielding, deflection, or detrimental moisture migration could be observed. Based on our observations at the time of our site visit, the subgrade soils at the subgrade locations noted above appeared to be suitably prepared continued construction. The results of our inspections were discussed with the contractor prior to leaving the site. Certerra will return upon request for further geotechnical inspections.

Limits of Areas Observed

Ecology Block Wall on North End of Site

Limits of Areas Not Observed

The material tested ☑ met ☐ did not meet the requirements of the approved documents.

Date 11/19/2025	*Weather* 45, partly cloudy		**DR25-089546** **10-251986-0 / 01**
Client Authorization	*Technician Signature* SP	*Reviewed by:*	
Representing	Samuel Policky - 250PSD	Logan Senrud	

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CERTERRA GEOTEST

Daily Field Report
Soils Engineering Technician

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR25-089546

Date: Wednesday, 19 November 2025
By: Samuel Policky

Reference Documents Approved Plans

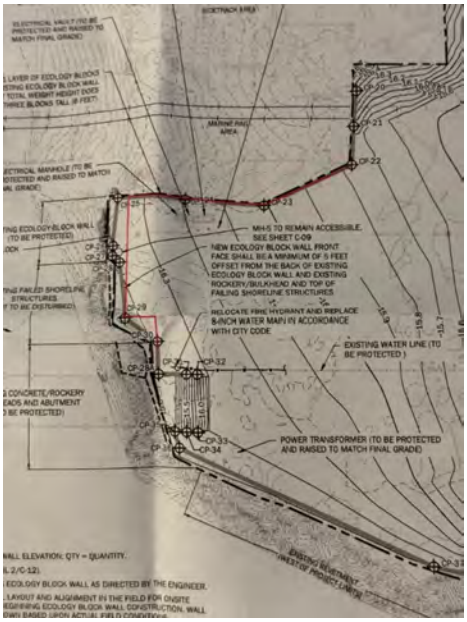
General Contractor Strider Construction

Sub-Contractor Strider Construction

Sample Type	Aggregates		
Project	Harris Avenue Shipyard Upland Cleanup Action		
Date Sampled	Wednesday, 19 November 2025	**Sampled By**	Samuel Policky
Container ID NO.	1	**No. of Bags**	1
Container Type	Sample Bag		
Sample Location	Onsite stockpile		
Material Description	CSBC		

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR25-089546
Page: 3
Date: Wednesday, 19 November 2025
By: Samuel Policky



11/20/25, 2:21 PM

Area of Subgrade Observed on This Date



11/19/25, 8:28 PM

Subgrade of Ecology Blocks

CERTERRA GEOTEST

Daily Field Report
Sample / Delivery Driver

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Request By Jeremy Cox **Phone** (360) 380-1234
Date Wednesday, 19 November 2025 **Cell** (360) 303-2787
Time 9:00 AM
Task 2215, Sample / Delivery Driver

Remarks

Description of Work Performed

Certerra was onsite to sample the CSBC for laboratory testing. The samples were transported to our Bellingham, WA laboratory for testing.

Date 11/19/2025	*Weather* 47, partly cloudy		**DR25-089548** **10-251986-0 / 01**
Client Authorization	*Technician Signature* S P	*Reviewed by:*	
Representing	Samuel Policky - 250PSD	Logan Senrud	

Arlington 360.435.1141

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CERTERRA GEOTEST

Daily Field Report
Sample / Delivery Driver

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR25-089548
Page: 2
Date: Wednesday, 19 November 2025
By: Samuel Policky



11/19/25, 8:28 PM

Onsite Stockpile of Material

Submittal Date: November 21, 2025

Job Number: 25-1986
Job Name: Harris Avenue Shipyard Upland Cleanup Action
Client: Strider Construction Co.
Address: 201 Harris Avenue
Bellingham, WA 98225

As requested, GeoTest Services, Inc. performed materials testing services at our Bellingham, WA laboratory for the project noted above. The testing was performed in accordance with the applicable ASTM/AASHTO test methods. Please see the attached laboratory reports and summary of the test results listed in the chart below.

Sample Number: 25-001605
Sample Date: November 19, 2025

Test(s) Performed:	Pass / Fail	Comments:
Sieve - ASTM C136/C117	Pass	
Proctor - ASTM D1557/D4718	N/A	

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding the results of the test(s) performed, methods used, or require any other assistance, please do not hesitate to contact the undersigned.

Sincerely,

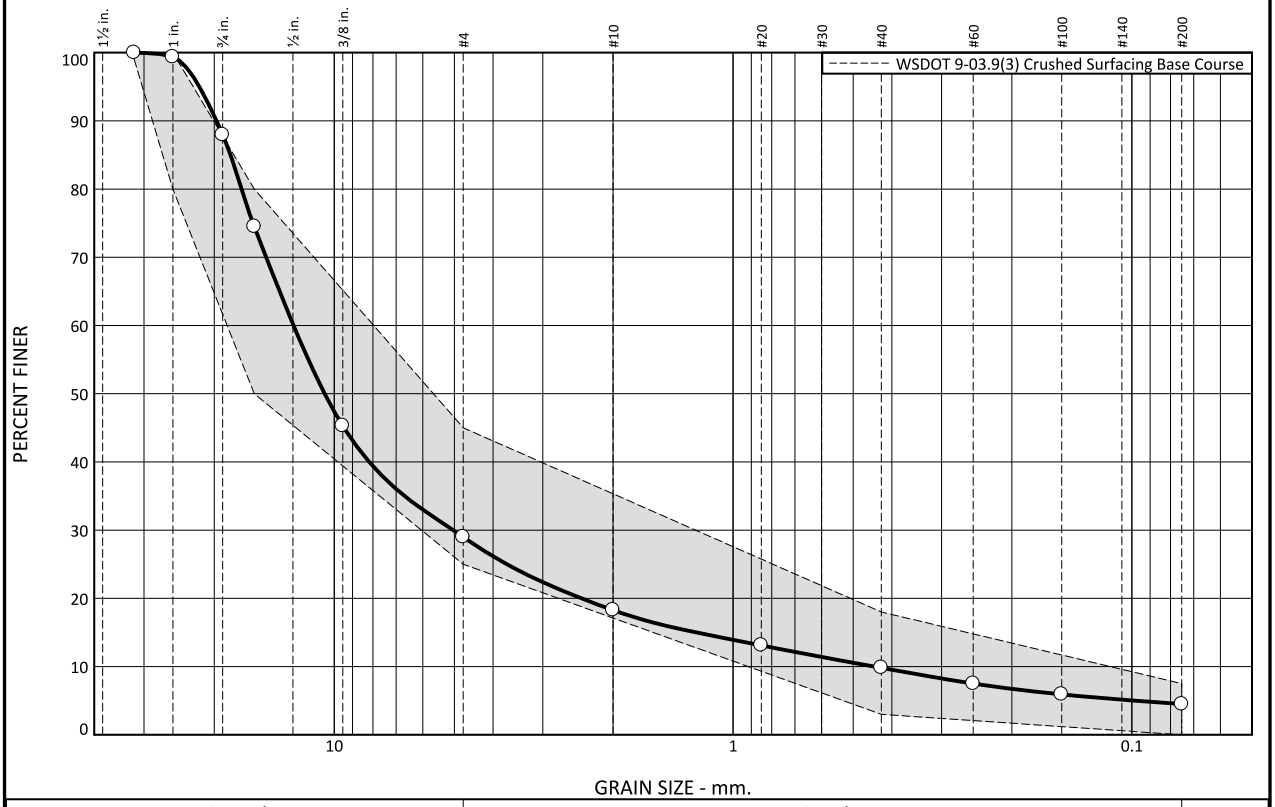
Tiffani Anderson

Tiffani Anderson, Laboratory Manager
tanderson@rmacompanies.com
253.283.5023 (c)

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Sieve Analysis Test Report

ASTM C117 & C136



% Gravel		% Sand			% Fines
Coarse	Fine	Coarse	Medium	Fine	
12	59	11	8	6	4

Test Results (ASTM C117 & C136)

Sieve Size or Diam. (mm.)	Finer (%)	Spec.* (%)	Out of Spec. (%)	Pct. of Fines
1-1/4"	100	99-100		
1"	99	80-100		
3/4"	88			
5/8"	75	50-80		
3/8"	45			
#4	29	25-45		
#10	18			63
#20	13			45
#40	10	3-18		34
#60	8			26
#100	6			20
#200	4.5	0-7.5		15

* WSDOT 9-03.9(3) Crushed Surfacing Base Course

Material Description

Crushed Surfacing Base Course
poorly graded gravel with sand

Atterberg Limits

PL= NP LL= NV PI=

Coefficients

D_{90}= 19.7544 D_{85}= 18.2099 D_{60}= 12.6521
D_{50}= 10.5707 D_{30}= 5.0324 D_{15}= 1.2366
D_{10}= 0.4411 C_u= 28.69 C_c= 4.54

Classification

USCS= GP AASHTO= A-1-a

Test Remarks

Location: Granite - Sorenson Pit - Site Stockpile
Sample Number: 25-001605 **Sample Date:** 11/19/2025

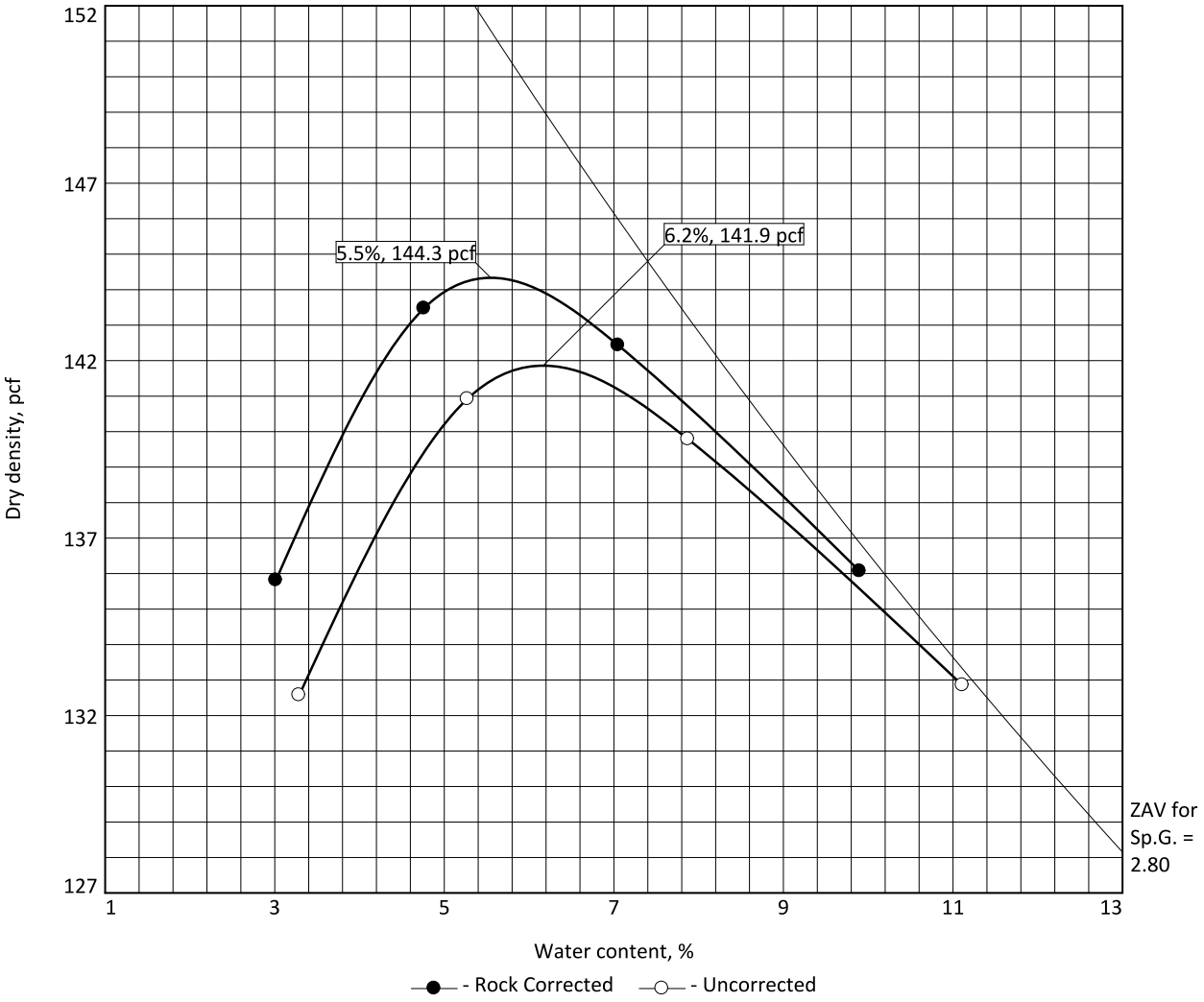
CERTERRA GEOTEST

Client: Strider Construction Co.
Project: Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue, Bellingham, WA 98225
Project No: 25-1986 **Figure** 25-001605

Tested By: MFP/MGM **Checked By:** TA

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Moisture-Density (Proctor) Test Report



Test specification: ASTM D 1557-12 Method C Modified
ASTM D4718-15 Oversize Corr. Applied to Each Test Point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
	GP	A-1-a		2.65	NV		12	4.5

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 144.3 pcf	141.9 pcf	Crushed Surfacing Base Course poorly graded gravel with sand
Optimum moisture = 5.5 %	6.2 %	

Project No. 25-1986 **Client:** Strider Construction Co.
Project: Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue, Bellingham, WA 98225 **Date:** 11/19/25
○ **Loc.:** Granite - Sorenson Pit - Site Stockpile **Sample No.:** 25-001605

CERTERRA GEOTEST

Remarks:
SPG: Assumed

Figure 25-001605

Tested By: MFP **Checked By:** TA

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CERTERRA GEOTEST

Daily Field Report
Soils Engineering Technician

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Request By Jeremy Cox **Phone** (360) 380-1234
Date Tuesday, 25 November 2025 **Cell** (360) 303-2787
Time 7:30 AM
Task 2001, Soils Engineering Technician

Remarks

Reference Documents Approved Plans **Permit no.**
General Contractor Strider Construction
Sub-Contractor Strider Constrcution
Material Supplier Granite

Equipment On-Site

virbatory roller, excavator

Summary of Observations

Certerra was onsite to perform density testing at the gravel borrow backfill near the ecology block wall. The weather conditions were approximately 45ºF and cloudy. The material was placed in approximately 1' loose lifts and compacted with a vibratory roller. The tests attained the minimum required compaction. The results of our inspections were discussed with the contractor prior to leaving the site. Certerra will return upon request for further inspections.

Limits of Areas Observed

Gravel Borrow Structural Fill on North End of Site

Limits of Areas Not Observed

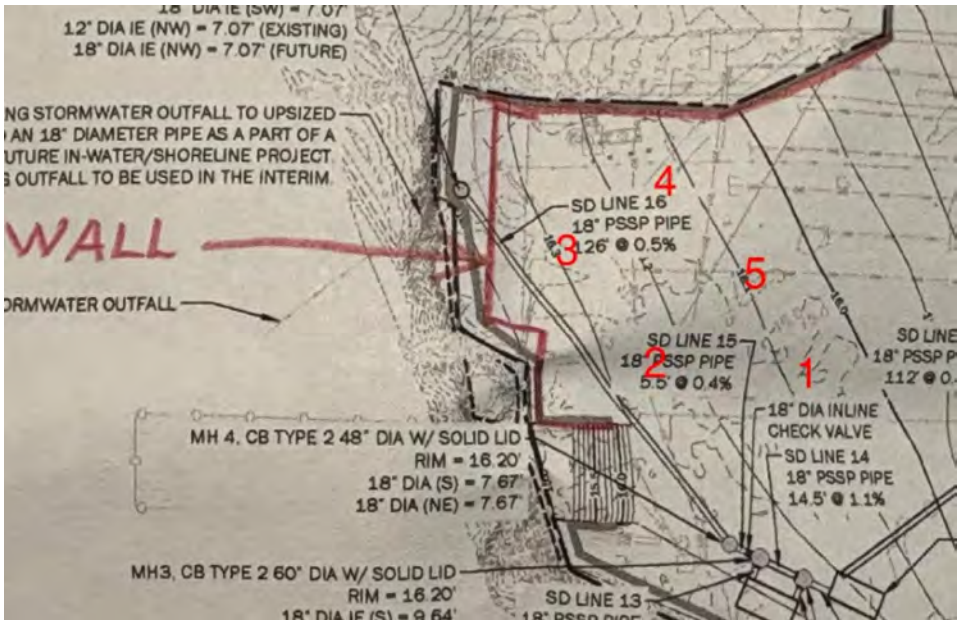
The material tested ☑ met ☐ did not meet the requirements of the approved documents.

Date 11/25/2025	*Weather* 45,cloudy		
Client Authorization	*Technician Signature* SP	*Reviewed by:*	**DR25-091472** **10-251986-0 / 01**
Representing	Samuel Policky - 250PSD	Logan Senrud	

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Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR25-091472
Page: 2
Date: Tuesday, 25 November 2025
By: Samuel Policky



12/01/25, 2:21 PM

Location of Tests Taken on This Date



11/28/25, 6:44 PM

Compaction Testing In Progress

CERTERRA GEOTEST

Daily Field Report
Soils Engineering Technician

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR25-091472
Page: 3
Date: Tuesday, 25 November 2025
By: Samuel Policky

Test Date: Nov 25, 2025

Method Name: ASTM D6938												
Test #	Result	Item	Location	Depth of Test Below F.G.	F.G. Elevation	% Moisture	% Optimum Moisture	Dry Density (lb/ft³)	% Rock Retained	Maximum Density (lb/ft³)	% Relative Compaction	% Relative Compaction Req'd
1	Pass	B	See Image 1	-1'	TOG	7.2	9.5	127.3	0	128.9	98.8	95.0
2	Pass	B	See Image 1	-1'	TOG	7.3	9.5	127.6	0	128.9	99.0	95.0
3	Pass	B	See Image 1	-1'	TOG	6.2	9.5	129.7	0	128.9	100.6	95.0
4	Pass	B	See Image 1	-1'	TOG	6.3	9.5	132.6	0	128.9	102.9	95.0
5	Pass	B	See Image 1	-1'	TOG	6.1	9.5	132.4	0	128.9	102.7	95.0

* **Key:** B:Base

Gauge No. 31

* **Notes:** The above summary is Subject to change upon engineering review.

CERTERRA GEOTEST

Daily Field Report
Soils Engineering Technician

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Request By Jeremy Cox **Phone** (360) 380-1234
Date Wednesday, 21 January 2026 **Cell** (360) 303-2787
Time 12:00 PM
Task 2001, Soils Engineering Technician

Remarks

Reference Documents Approved Plans **Permit no.** NA
General Contractor Strider
Sub-Contractor NA
Material Supplier Granite- Singer & Sorenson Pits

Equipment On-Site

Excavator. Bulldozer. Road motor grader. Double drum vibrating roller.

Summary of Observations

Certerra was on site as requested, to take in-place density tests of Crushed Surfacing Base Course (1 1/4 inch minus) across the entire project site of Harris Avenue Shipyard. Upon arrival the contractor completed all grading and compacting efforts of the improted structural material. The contractor informed Certerra that approximately 12-inchs of imported material was placed and compacted via vibrating drum roller. All tests taken on this date attained the minimum compaction requirements. Certerra will return upon request.

Limits of Areas Observed

Entire Shipyard area.

Limits of Areas Not Observed

None.

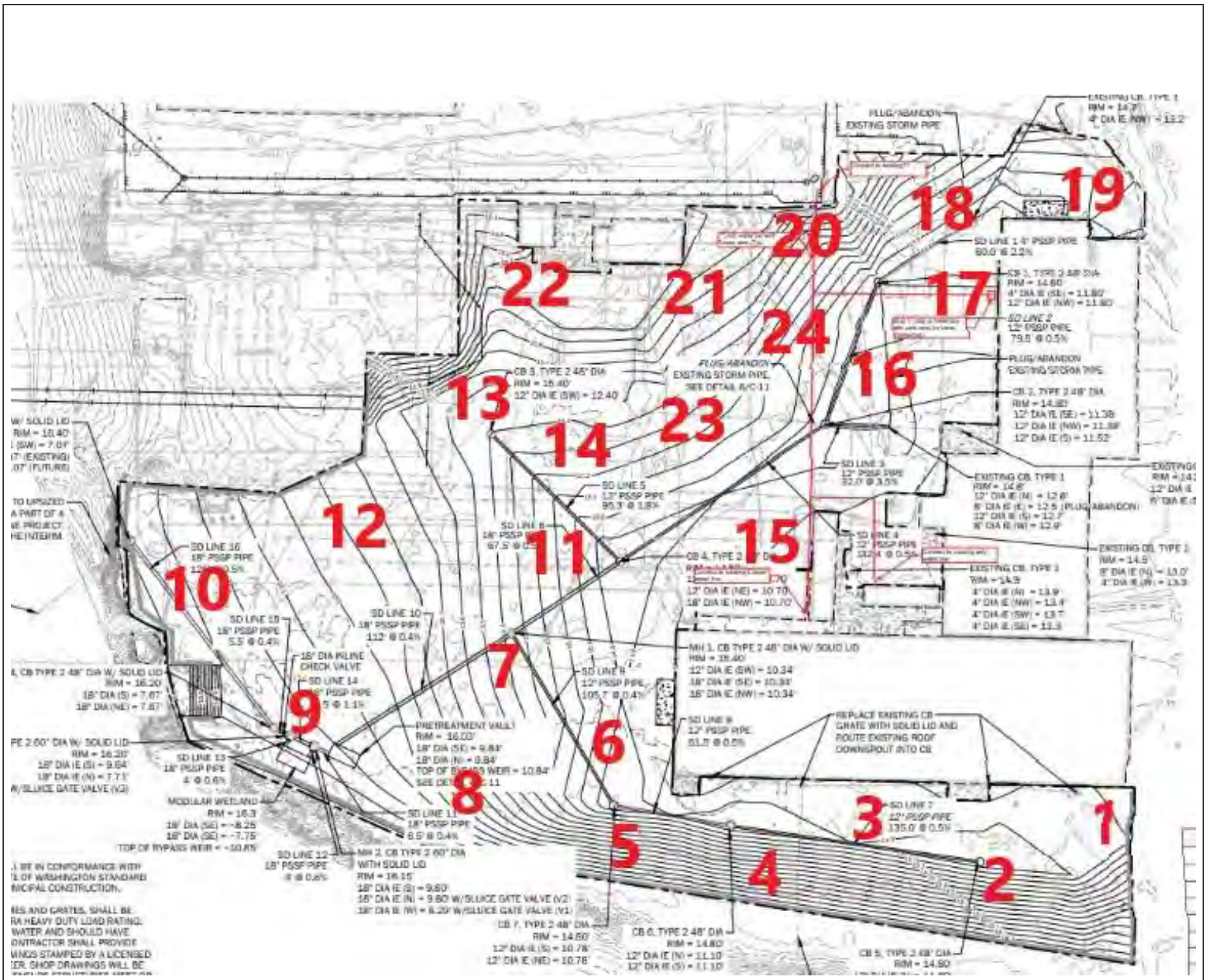
The material tested ☑ met ☐ did not meet the requirements of the approved documents.

Date 01/21/2026	*Weather* 40s.		**DR26-007168** **10-251986-0 / 01**
Client Authorization	*Technician Signature*	*Reviewed by:*	
Representing	Blake Hudacek - 250HBD	Logan Senrud	

This report relates only to the items inspected or tested and shall not be reproduced, except in full, without the prior written approval of the Company.

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR26-007168
Page: 2
Date: Wednesday, 21 January 2026
By: Blake Hudacek



01/26/26, 3:06 PM

Image 1- Approximate testing locations.

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR26-007168
Page: 3
Date: Wednesday, 21 January 2026
By: Blake Hudacek



01/22/26, 11:35 AM

Image 2- Test 2 in progress (facing North).

CERTERRA GEOTEST

Daily Field Report
Soils Engineering Technician

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR26-007168
Page: 4
Date: Wednesday, 21 January 2026
By: Blake Hudacek

Test Date: Jan 21, 2026

Gauge No. 26

*** Notes:** The above summary is Subject to change upon engineering review.

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR26-007168
Page: 5
Date: Wednesday, 21 January 2026
By: Blake Hudacek

Test Date: Jan 21, 2026

Method Name: ASTM D6938												
Test #	Result	Item	Location	Test Elevation	Total Depth of Fill	% Moisture	% Optimum Moisture	Dry Density (lb/ft³)	% Rock Retained	Maximum Density (lb/ft³)	% Relative Compaction	% Relative Compaction Req'd
1	Pass	B	SW Corner. See Image 1	0	12"	4.2	6.9	141.0	<5	145.3	97.0	95.0
2	Pass	B	SW Corner. See Image 1	0	12"	4.0	6.9	140.7	<5	145.3	96.8	95.0
3	Pass	B	SW. See Image 1	0	12"	4.7	6.9	140.7	<5	145.3	96.8	95.0
4	Pass	B	SW. See Image 1	0	12"	4.2	6.9	140.1	<5	145.3	96.4	95.0
5	Pass	B	West. See Image 1	0	12"	3.9	6.9	140.4	<5	145.3	96.6	95.0
6	Pass	B	West. See Image 1	0	12"	5.1	6.9	139.1	<5	145.3	95.7	95.0
7	Pass	B	NW. See Image 1	0	12"	4.3	5.5	142.6	<5	144.3	98.8	95.0
8	Pass	B	NW. See Image 1	0	12"	3.9	5.5	141.6	<5	144.3	98.1	95.0
9	Pass	B	North. See Image 1	0	12"	3.6	5.5	141.5	<5	144.3	98.1	95.0
10	Pass	B	North. See Image 1	0	12"	3.7	5.5	141.6	<5	144.3	98.1	95.0

* **Key:** B:Base

Gauge No. 26

* **Notes:** The above summary is Subject to change upon engineering review.

Strider Construction Co.
Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR26-007168
Page: 6
Date: Wednesday, 21 January 2026
By: Blake Hudacek

Test Date: Jan 21, 2026

Method Name: ASTM D6938												
Test #	Result	Item	Location	Test Elevation	Total Depth of Fill	% Moisture	% Optimum Moisture	Dry Density (lb/ft³)	% Rock Retained	Maximum Density (lb/ft³)	% Relative Compaction	% Relative Compaction Req'd
11	Pass	B	Central. See Image 1	0	12"	3.9	5.5	140.3	<5	144.3	97.2	95.0
12	Pass	B	NE. See IMage 1	0	12"	4.9	5.5	138.9	<5	144.3	96.3	95.0
13	Pass	B	NE. See Image 1	0	12"	3.9	5.5	140.4	<5	144.3	97.3	95.0
14	Pass	B	Central. See Image 1	0	12"	4.3	5.5	141.0	<5	144.3	97.7	95.0
15	Pass	B	South. See Image 1	0	12"	3.1	5.5	139.9	<5	144.3	97.0	95.0
16	Pass	B	SE. See Image 1	0	12"	3.5	5.5	140.7	<5	144.3	97.5	95.0
17	Pass	B	SE. See Image 1	0	12"	3.1	5.5	140.4	<5	144.3	97.3	95.0
18	Pass	B	SE. See Image 1	0	12"	3.3	5.5	141.4	<5	144.3	98.0	95.0
19	Pass	B	SE. See Image 1	0	12"	3.6	5.5	140.6	<5	144.3	97.4	95.0
20	Pass	B	SE. See Image 1	0	12"	3.5	5.5	139.2	<5	144.3	96.5	95.0

* **Key:** B:Base

Gauge No. 26

* **Notes:** The above summary is Subject to change upon engineering review.

CERTERRA GEOTEST

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Soils Engineering Technician

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Harris Avenue Shipyard Upland Cleanup Action
201 Harris Avenue
Bellingham, WA

Project: 10-251986-0
DR: DR26-007168
Page: 7
Date: Wednesday, 21 January 2026
By: Blake Hudacek

Test Date: Jan 21, 2026

Method Name: ASTM D6938												
Test #	Result	Item	Location	Test Elevation	Total Depth of Fill	% Moisture	% Optimum Moisture	Dry Density (lb/ft³)	% Rock Retained	Maximum Density (lb/ft³)	% Relative Compaction	% Relative Compaction Req'd
21	Pass	B	See Image 1	0	12"	3.3	5.5	138.2	<5	144.3	95.8	95.0
22	Pass	B	See Image 1	0	12"	3.8	5.5	139.4	<5	144.3	96.6	95.0
23	Pass	B	See Image 1	0	12"	3.5	5.5	141.2	<5	144.3	97.9	95.0
24	Pass	B	See Image 1	0	12"	3.3	5.5	141.1	<5	144.3	97.8	95.0

* **Key:** B:Base

Gauge No. 26

* **Notes:** The above summary is Subject to change upon engineering review.

APPENDIX M

Archeological Monitoring Report

CULTURAL RESOURCES REPORT COVER SHEET

DAHP Project Number: 2020-10-06429

Author: Dave Iversen and Kelina Victor

Title of Report: Archaeological Monitoring for the Harris Shipyard Remediation Project, Phase 2, Bellingham, Whatcom County, Washington

Date of Report: May 2026

County: Whatcom Section: 2 Township: 37 Range: 2E

Quad: Eliza Island Acres: <1

PDF of report submitted (REQUIRED) ☒ Yes

Historic Property Inventory Forms to be Approved Online? ☐ Yes ☒ No

Archaeological Site(s)/Isolate(s) Found or Amended? ☒ Yes ☐ No

TCP(s) found? ☐ Yes ☒ No

Replace a draft? ☐ Yes ☒ No

Satisfy a DAHP Archaeological Excavation Permit requirement? ☒ Yes # 2025-4 ☐ No

Were Human Remains Found? ☐ Yes DAHP Case # ☒ No

DAHP Archaeological Site #:
45WH41

- Submission of PDFs is required.
- Please be sure that any PDF submitted to DAHP has its cover sheet, figures, graphics, appendices, attachments, correspondence, etc., compiled into one single PDF file.
- Please check that the PDF displays correctly when opened.

Archaeological Monitoring for the Harris Shipyard Remediation Project, Phase 2, Bellingham, Whatcom County, Washington

Prepared for:

Gavin Casson
Anchor QEA, LLC
1605 Cornwall Ave
Bellingham, WA 98225

Prepared by:

Kelina Victor, B.A.
Dave Iversen, M.A., RPA
ASM Affiliates, Inc.
26231 72nd Ave. NW, Suite 201
Stanwood, Washington 98292

ASM Project No. 45900.00
May 2026

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1. Introduction

This report documents the results of archaeological monitoring conducted by ASM Affiliates, Inc. (ASM) for Harris Shipyard Remediation Project, Phase 2, Bellingham, Whatcom County, Washington (The Project). The Project is located in Section 2 of Township 37 North, Range 2 East, Willamette Base and Meridian (Figure 1). Portions of the project area are located within the boundaries of archaeological sites 45WH41 and 45WH1026. As such ASM conducted all monitoring activities under the guidance of **Archaeological Monitoring Permit No: 2025-4**. This monitoring report includes sections on the project description; monitoring methods; monitoring results and recommendations for further archaeological work associated with the project.

Project Description

The Port of Bellingham (Port) is removing contaminated soil discovered at the Harris Avenue Shipyard in Bellingham, Washington. The project consists of approximately 5 acres of upland and 5 acres of in-water area, totaling 10 acres. ASM previously conducted monitoring for 5-acres of in-water sampling and for the borehole investigation of the upland portion of the shipyard (Osiensky 2022a, 2022b). Both upland and in-water portions of the project are regulated by the cleanup process through the Washington State Department of Ecology. Because portions of the project area are located within recorded archaeological sites (45WH41 and 45WH1026), the Port and the Department of Archaeology and Historic Preservation (DAHP) required archaeological monitoring of the excavation of the contaminated soil.

The project includes Washington State Department of Ecology (Ecology) funding. The following discusses the proposed ground disturbance for the project from the Engineering Design Report (EDR) completed for the project. Ecology's selected cleanup action for soil and groundwater is a comprehensive final remedy for the upland portion of the project area that complies with applicable remedy selection requirements under MTCA. Figure 2 shows the three upland cleanup areas (CAs) as defined in the CAP as follows:

- CA 1 encompasses shallow soils outside of CA 3 and existing building footprints containing elevated concentrations of metals. Concentrations of metals are present in shallow soils throughout the uplands portion of the Site at concentrations above cleanup levels (CULs) due to the long history of industrial site use.
- In the northwestern portion of the uplands, CA 2 is an area of deeper soil containing concentrations of copper and zinc representing a source of those metals to nearshore groundwater.
- In the northeastern portion of the uplands, CA 3 is where the 2018 interim action removed petroleum-contaminated soils (Floyd Snider, 2019b) but has residual concentrations of polycyclic aromatic hydrocarbons (PAHs) exceeding groundwater CULs (specifically 1-methylnaphthalene).

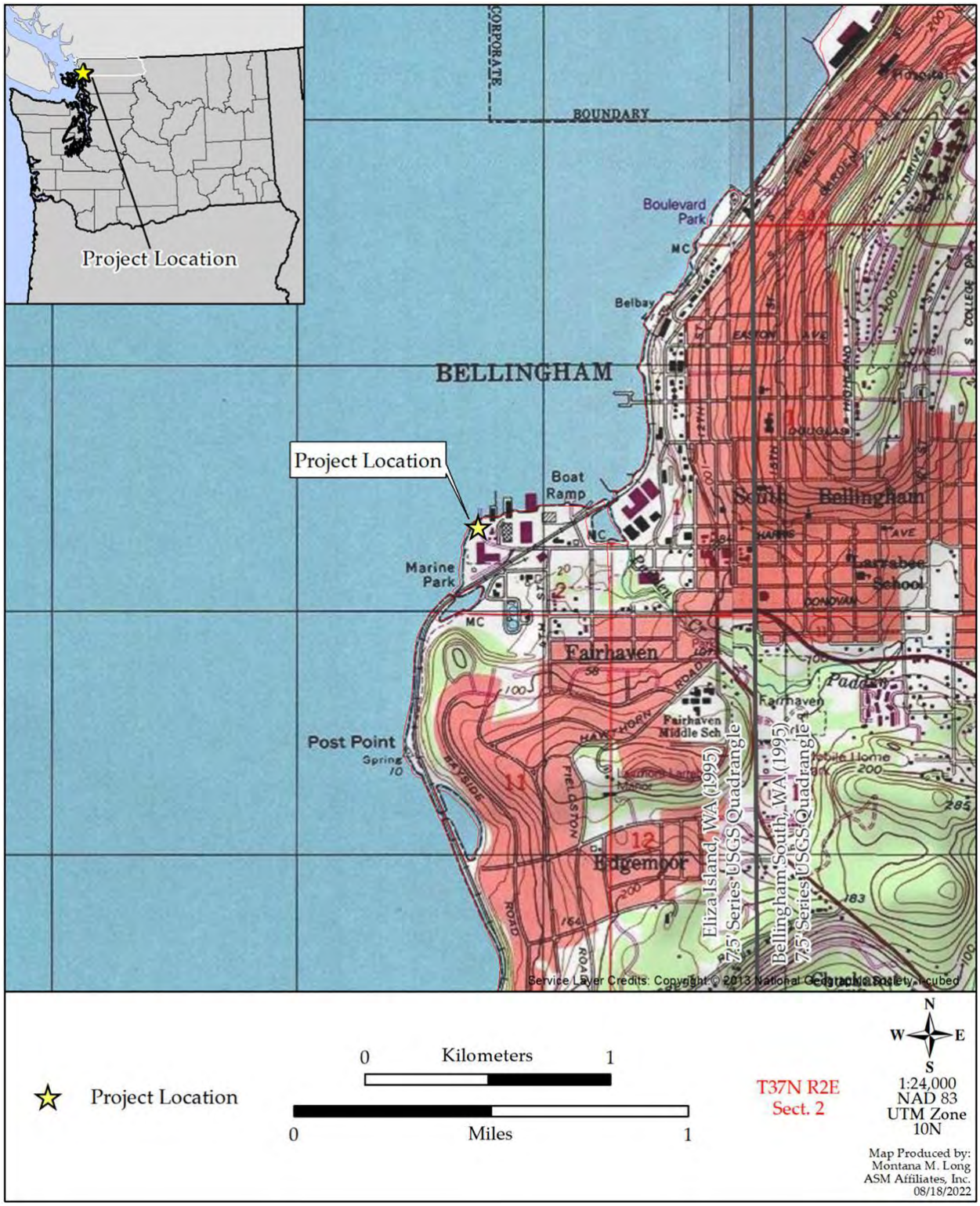


Figure 1. Project Location

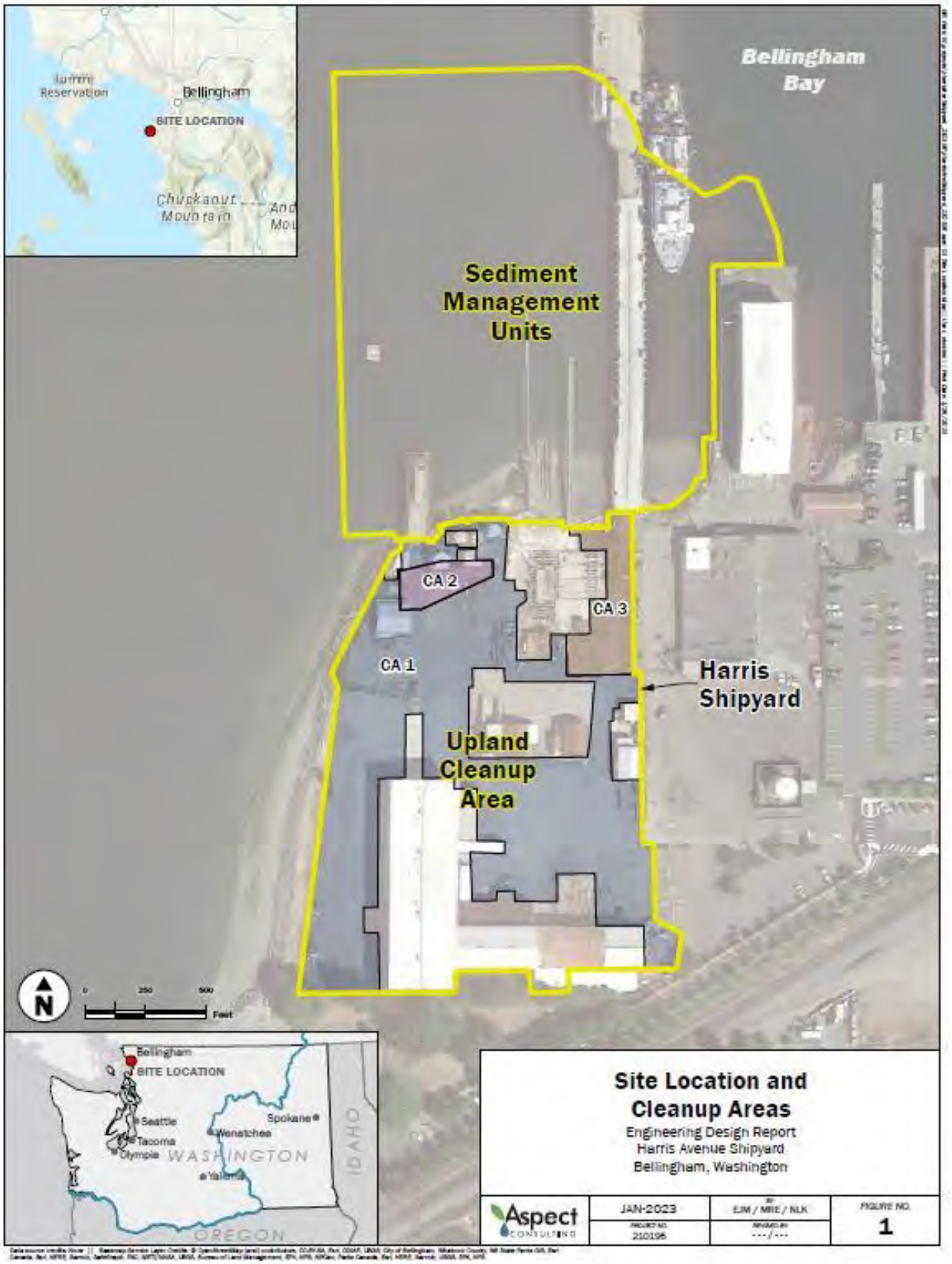


Figure 2. Project Cleanup Areas

The CAP-specified cleanup action for the three upland CAs included:

Shallow Soil Source Removal and Capping in CA 1: The following cleanup actions were implemented in CA 1 to address metals contamination in shallow soil:

- Removal of up to 2 feet of contaminated soil to support gravel cap placement. Excavated soil will be disposed of offsite at a permitted facility. A geotextile indicator fabric will be placed over the excavated areas to prevent mixing of clean surface gravel with contaminated subsurface material and to provide a visible indicator of that interface during any future subsurface work. Excavated areas will then be capped with a compacted gravel surface meeting operational requirements with installation of appropriate stormwater drainage controls for the new surface

Deeper Soil Source Removal in CA 2: This selected cleanup included excavation of deeper copper- and zinc-contaminated soil contributing to localized copper and zinc exceedances in shoreline groundwater. The inferred lateral extents of excavation are described in Section 4.3 based on analysis of the results from the PRDI data collection effort and earlier soil sampling.

- The CAP allows for in situ soil solidification/stabilization (ISS) as a contingency measure that may be conducted in CA 2, if it is determined during design that excavation of soil to CULs is not practicable due to geotechnical or other constraints. Based on the current understanding of the CA 2 subsurface conditions, the Port plans to proceed with soil cleanup via excavation.

Monitored Natural Attenuation of Groundwater in CA 2 and CA 3: The selected cleanup includes monitored natural attenuation (MNA) of groundwater for metals in CA 2 and PAHs (namely 1-methylnaphthalene) in CA 3 until compliance with cleanup standards are achieved.

- Bioremediation for treatment of hydrocarbons in CA 3 groundwater is a contingency measure identified in the CAP that will be considered if groundwater compliance monitoring indicates additional cleanup is required to accelerate MNA under the final remedy. Section 2.6.2 discusses that option. Removed soils were taken to a landfill (except for soils containing disturbed cultural material, which were reburied on site).

History of Research at Harris Shipyard

The Project is located on Post Point and is bordered on the north and west by Bellingham Bay and on the south by Marine Park and the BNSF Railway rail lines. Industrial properties owned by the Port are both east and southeast of the project area. The environmental and cultural context of the project area are summarized in two reports produced for the Project during the Remedial Investigation/Feasibility Study (Gilpin at al. 2011) and an Early Action Cleanup (Durkin and Compas 2018). One report documents the monitoring efforts at the Project under DAHP Archaeological Site Alteration, Excavation and Monitoring Permit 2021-85 (Osiensky 2022a, 2022b). These reports are summarized below:

Archaeologists observed geotechnical work in 2011 during development of the Early Action Cleanup. Only historic-period artifacts and features were identified, including wire nails, fragments of brick, flat glass, slag, and a concrete feature interpreted to be a foundation. A "thin lens of finely crushed shell" was observed in two borings at about 6 feet below the ground surface, directly beneath the concrete feature (Gilpin et al. 2011:16). It was interpreted to be redeposited natural shell. Based on historic artifacts and features, and potential for undiscovered precontact resources, archaeologists recommended monitoring during construction of the Early Action Cleanup.

Monitoring was conducted during construction in 2017. It revealed additional historic artifacts and features, including a marine railway, concrete slabs, and creosoted wood pilings (Durkin and Compas 2018). Monitoring also revealed four areas of redeposited shell midden, some of which was still in the ground, and some of which contained petrochemicals and had been placed in containers for disposal. In all four locations, the midden was described as "organically enriched shelly sand matrix." The midden is described as "patchy and ephemeral in nature" and overlies milled wood and dredged spoils in places. No artifacts or fire-modified rock were reported. Midden in the ground was capped with geotextile fabric and left in place. Midden that contained petrochemicals and has been placed in containers for disposal was transported to a landfill in Roosevelt, WA (run by Republic Services), covered with geotextile fabric, and not disturbed further. The location of the redeposited midden was recorded as a portion of this archaeological site.

Monitoring in 2022 was conducted during pre-remedial testing for the current project (Osiensky 2022a, 2022b). Portions of the project area were located within close proximity to boundaries of archaeological site 45WH1026 (Figure 3) and as such monitoring was conducted under the guidance of Archaeological Monitoring Permit No: 2021-85. Archaeologists encountered fill deposits over glaciomarine deposits throughout the project area. Three samples encountered included very dark brown to black soils in two sampling locations, AB-09 and GB-02. Lab analysis of these samples concluded they were highly disturbed fill deposits containing FMR (n=4), charcoal (n=2), shell (n=5) and metal (n=4). These materials were located 30 m west of 45WH1026 and are not believed to be directly associated with the site.

Archaeology site 45WH41 sits on the southeastern boundary of the project (Figure 4). The site was documented in 1972 by Garland Grabert of Western Washington University (Grabert 1972). Dr. Grabert's site form minimally details what was observed at the site and no additional documentation of the site has taken place since. Grabert identified the site as "shell midden originally on a sand pit, now mainly covered by land fill, on which office building was located". Graber observed the site in a utility pit adjacent to the existing office building. The midden was at least a meter thick and contained fire-modified rock (FMR) and sandy back humic soils. Grabert also mentions the site may extend towards the railway tracks to the east or in the yard area south of the office building.

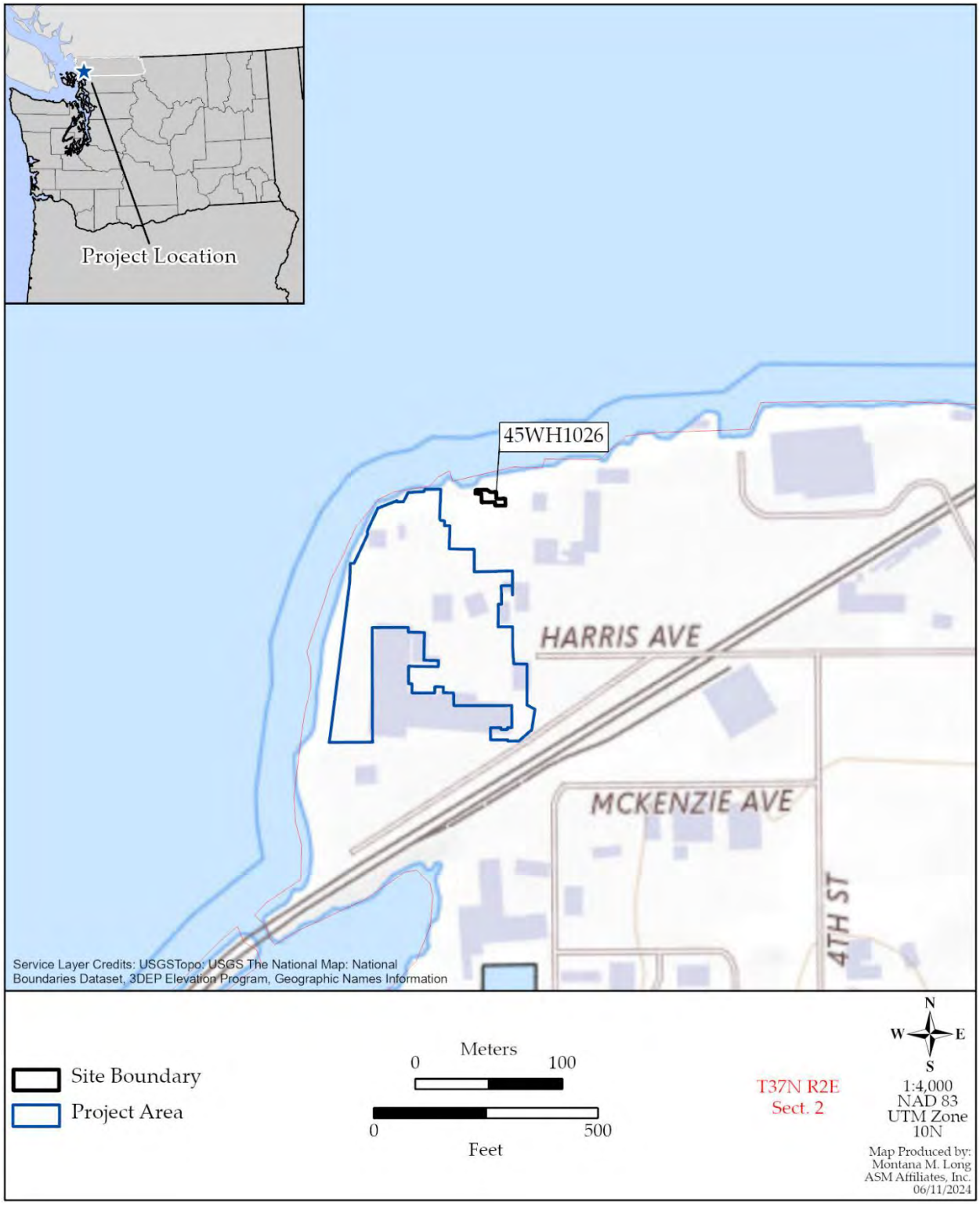


Figure 3. 45WH1026 Location

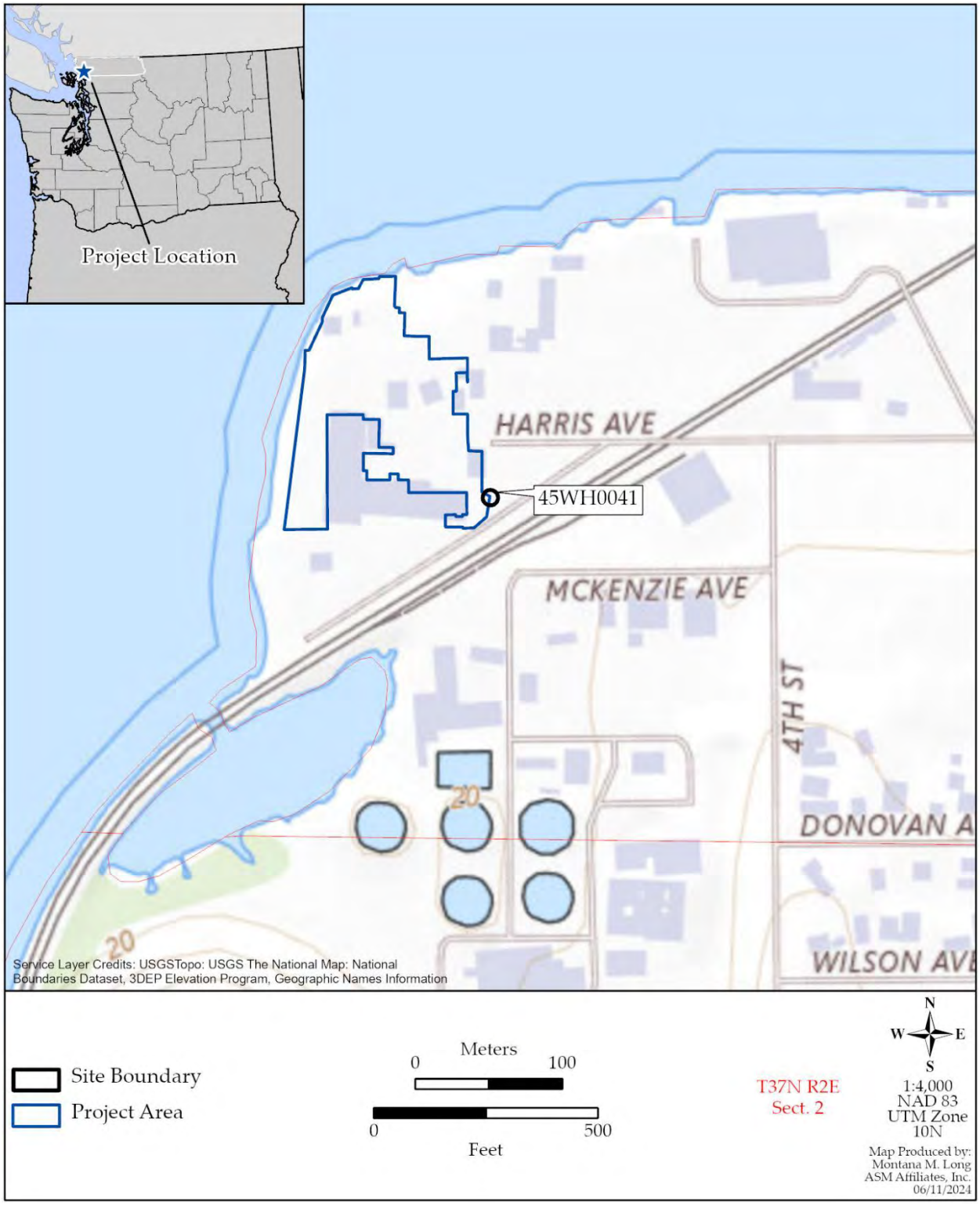


Figure 4. 45WH41 Location

The project landform consists of a small natural peninsula extending into Bellingham Bay (Figure 5). A Lummi place name for Chuckanut Bay, approximately 1.5 mi. south of the porrect area, describes the extreme low tide there. An ethnographic Lummi village is documented along Bellingham Bay at the mouth of Squalicum Creek approximately 3 mi. north of the project area, while Whatcom Creek, 2.5 mi. to the north, represented a Lummi fishing area known for its spring salmon and steelhead runs (Stern 1934; Suttles 1951; Tremaine 1975). The early government land office survey depicts the project environs as undeveloped into the 1860s (Figure 6). The peninsula is between two prominent coal seams (Figure 7) and an active coal mine situated approximately ½ mi. north of the project area at that time represents the only (Jenkins 1923; United States Surveyor General 1860). The US Coast and Geodetic Survey (Puget Sound River History Project 2003) shows a dock and associated development related to the community of Fairhaven on the eastern end of the peninsula in the late 1880s (Figure 8). The Great Northern Railroad ran along the southern end of the landform by the early 20th century with extensive residential and commercial development of the immediate area (USGS 1907, 1918; Jenkins 1923). The project landform took its current form as a large commercial shipyard complex by the 1940s.

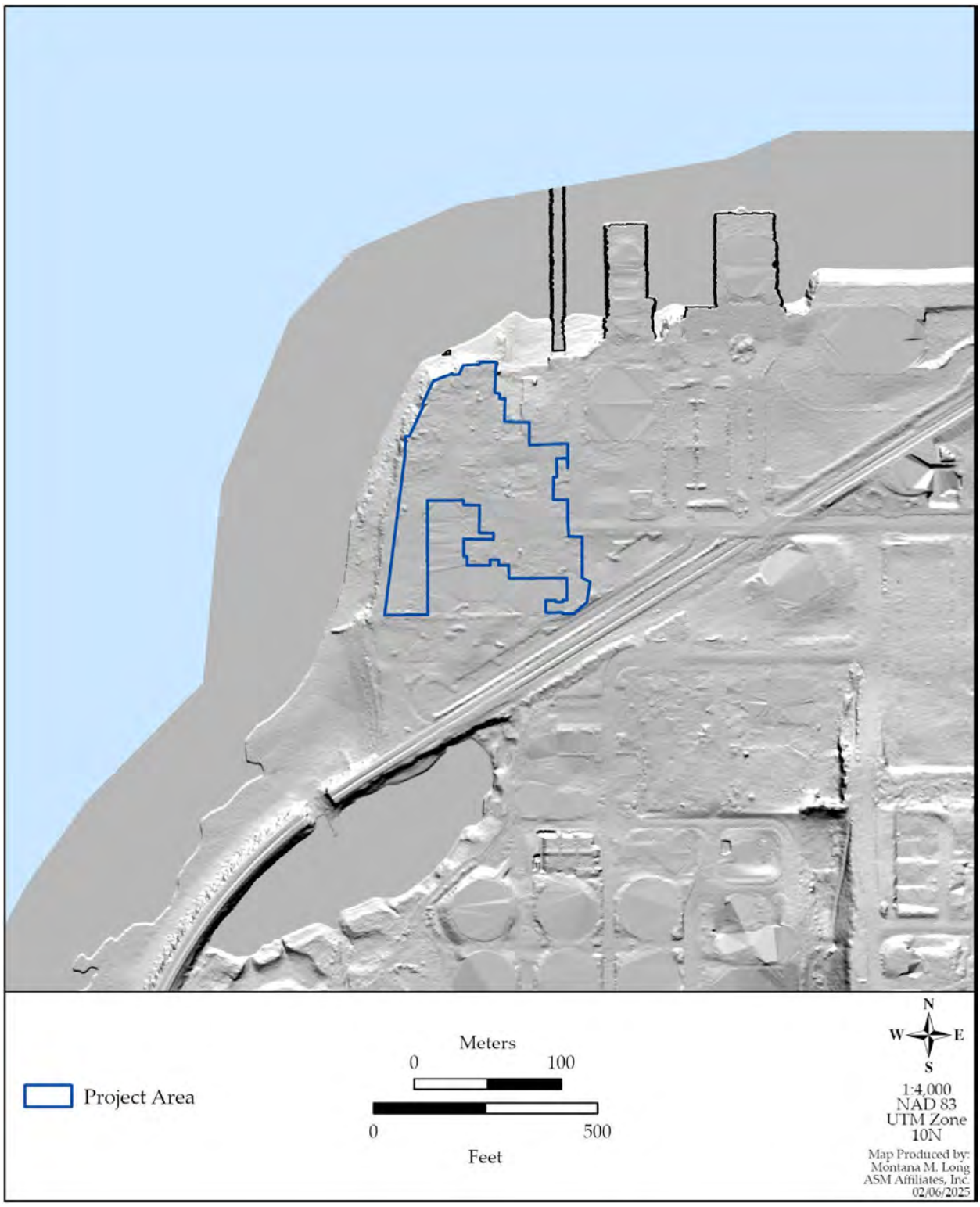


Figure 5. Project Area Overlaid on LiDAR Image

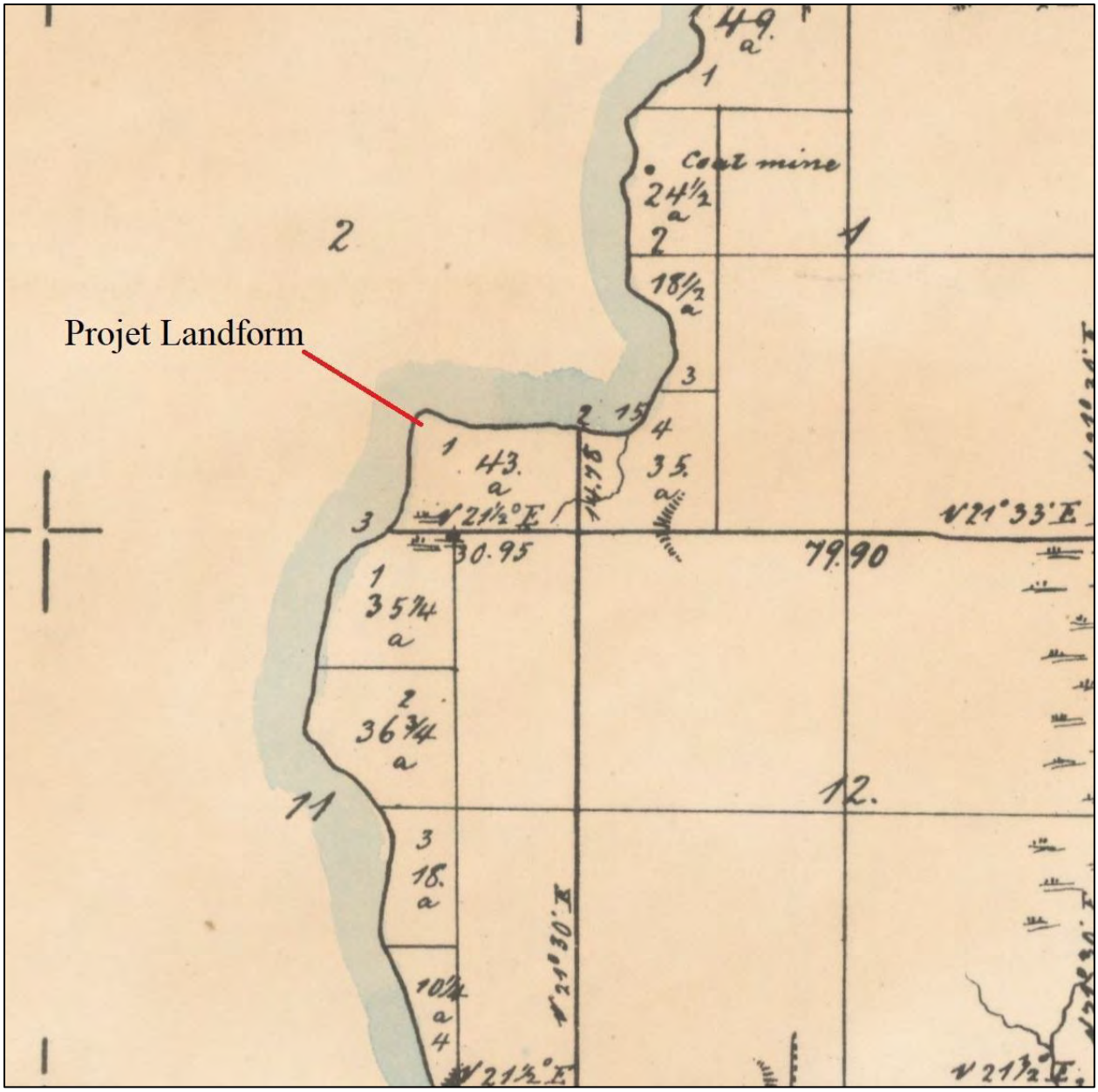


Figure 6. United States Surveyor General 1860

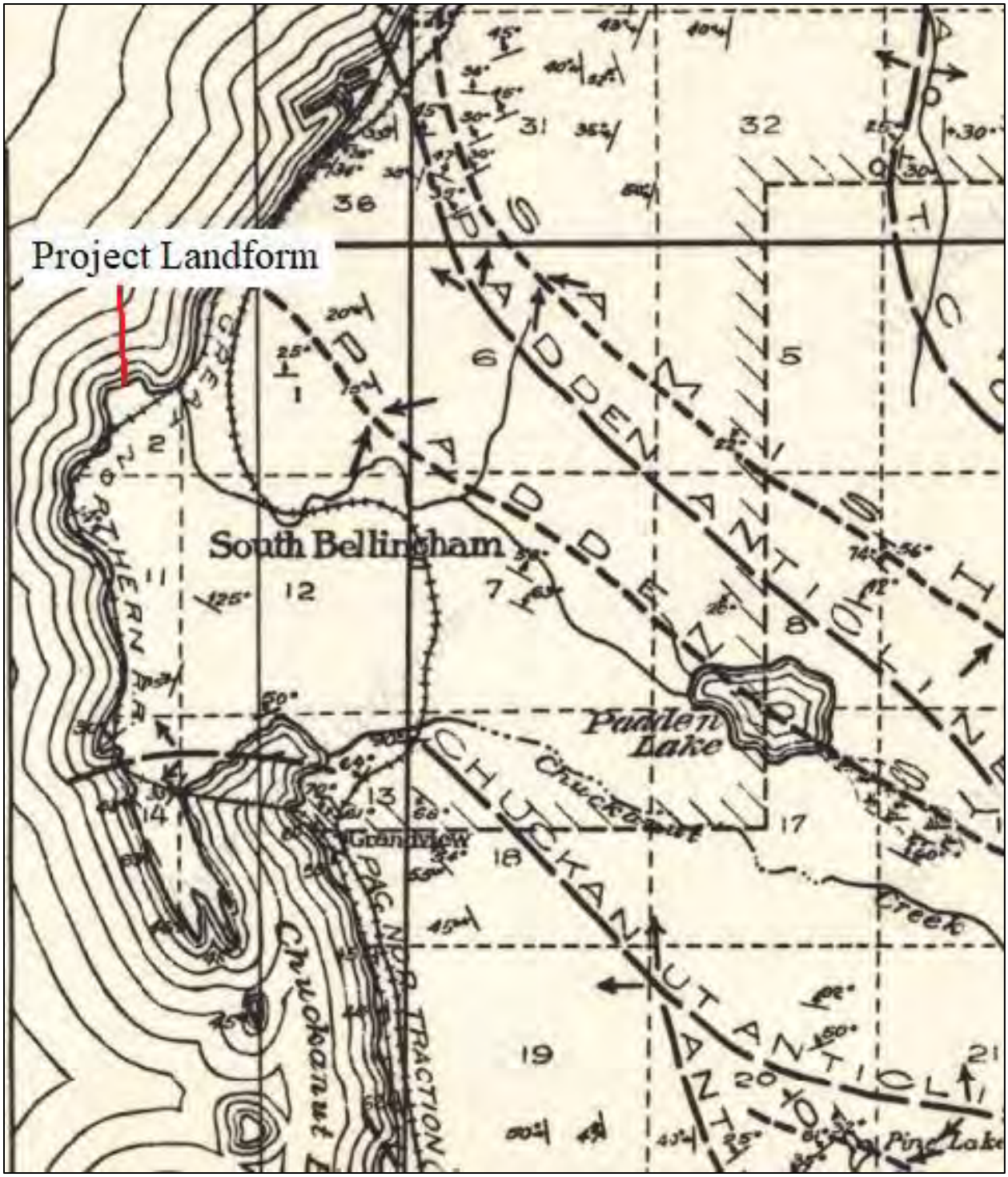


Figure 7. Geologic Map of the Coal Measures of Western Whatcom County 1923

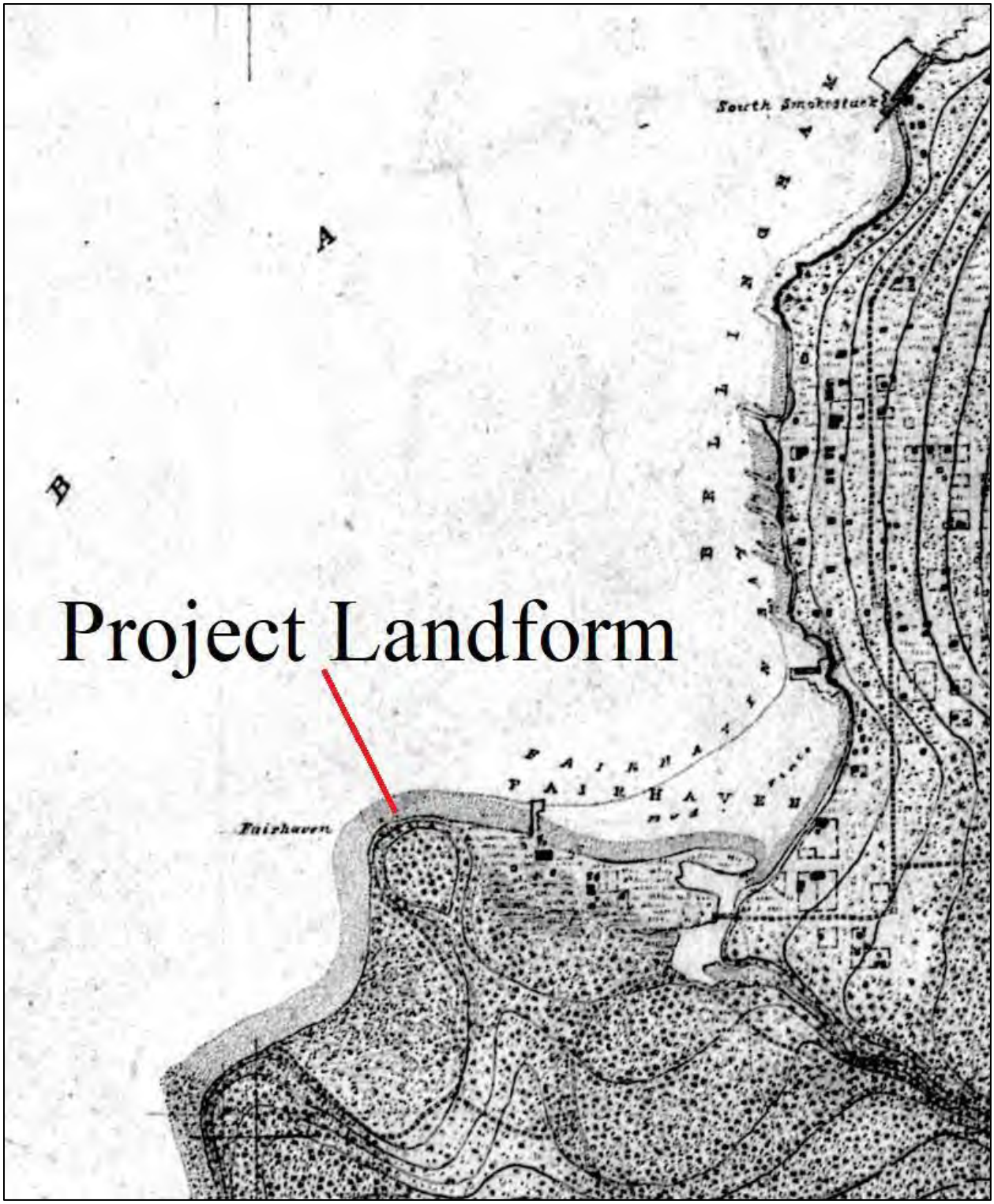


Figure 8. US Coast and Geodetic Survey 1887

2. Monitoring Methods

ASM Archaeologists Paul Alford acted as Principal Investigator and Field Director for this project and scheduled the archaeological monitoring. ASM Archaeologists Jessica Kearney, Kelina Victor and Austin Baker conducted monitoring efforts between September 7, 2025-January 14, 2026. Project activities were conducted within the Harris Shipyard property. ASM completed monitoring for the Project under the guidance of the Port of Bellingham and their consultant Anchor QEA. ASM monitored the excavation and removal of contaminated soils, the demolition of buildings, and the location and replacement of underground tanks and catch basins. The archaeological monitors were prepared with the basic equipment needed to perform site documentation, evaluation, and recovery of unanticipated discoveries. The archaeological monitors followed all safety protocols required of personnel conducting construction activities as well as for potentially coming into contact with contaminated soils. During monitoring activities, the archaeologists observed all ground disturbances, examining excavation openings and back-dirt from excavations for evidence of cultural resource materials while maintaining a safe distance from construction equipment. The monitors requested that construction activities be temporarily halted as necessary to allow photography and recovery of materials and data. The archeological monitors prepared daily field monitoring notes with observations and results. All observations were recorded on ASM Environmental Monitoring Daily reports. Digital photographs recorded the construction activity as well as the character of sediment deposits and are documented on ASM Photographic Record Forms. ASM submitted a DAHP Archaeological Site Inventory Form update for 45WH41.

3. Monitoring Results

This phase of archaeological monitoring was in the upland portion of the project area within the Harris Shipyard property. The ground surface of the project area is covered in a thick layer of gravel; machinery and equipment are scattered throughout the shipyard. Building demolition did not result in the identification of significant cultural materials. However, subsurface construction excavation resulted in the identification of small pockets of disturbed shell midden associated with 45WH41 in the southeastern corner of the project area (Figure 9). The shell midden deposits were identified at approximately 70 cm below surface adjacent to the east end of the Maintenance and Fabrication Shop (Figure 10) and within a stormwater trench excavation (Figure 11). The southern cultural deposit (Locus A) extended for approximately 10 meters within the trench while the northern deposit (Locus B) covered an approximately 25 meter area. Cultural materials identified during excavation included bird, fish and mammal bone (Figure 12), fragmented shell (Figure 13), charcoal, and fire modified rock (FMR). Modern/historic metal, woody debris, and ceramic fragments were also identified within the cultural deposits. The disturbed midden layer was 10-20 cm thick and found along building foundations and intermingled with gravel fill. All cultural material was left in place and covered with culturally sterile sediment or reburied below the environmental cap immediately west of where it was identified. Due to the locations of the midden materials and their similarity with previously recorded resources, it is likely that they are associated with site 45WH41.



Figure 9. Disturbed Components of 45WH41



Figure 10. Eastern Overview of Site Location



Figure 11. Disturbed Shell Midden in Trench Excavation



Figure 12. Mammal Bone from Disturbed Shell Midden Deposit



Figure 13. Shell Fragments from Disturbed Midden Deposit

4. Conclusion and Management Recommendations

Anchor QEA contracted ASM Affiliates (ASM) to conduct a cultural resource monitoring in association with the Harris Shipyard Remediation Project, Phase 2, Bellingham, Whatcom County, Washington. Portions of the project area are located within the boundaries of archaeological sites 45WH41 and 45WH1026 and as such ASM conducted all monitoring activities under the authority of **Archaeological Monitoring Permit No: 2025-5**. ASM encountered pockets of disturbed shell midden materials associated with previously recorded archaeological site 45WH41. The material was documented and reburied on site.

No further work is currently planned for the project. Based on the results of monitoring and its proximity to sites 45WH41 and 45WH1026, ASM recommends that a professional archaeologist observe any future ground disturbance conducted within Harris Shipyard under the conditions of a DAHP Archaeological Mentoring Permit.

References Cited

Durkin, Brian, and Lynn Compas

2018 *Archaeological Monitoring Report for the Upland Remediation Zone of the Harris Avenue Shipyard Interim Action Cleanup, City of Bellingham, Washington*. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

Gilpin, Jennifer, Greg Rainka, and Dawn Vogel

2011 Archaeological *Monitoring for the Proposed Harris Avenue Shipyard Supplemental Site Investigation, Whatcom County, Washington*. On file at the Department of Archaeology and Historic Preservation, Olympia, Washington.

Grabert, G.F.

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