APPENDIX E

Field Notes and Forms

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ACCIDENT PREVENTION PLAN ACKNOWLEDGMENT

I have read and understand and I agree to abide by the provisions as detailed in this APP. Failure to comply with these provisions may lead to disciplinary action that may include dismissal from the work site, termination of employment, or, for subcontractors, termination of the work contract.

Printed Name	Company	Signature	Date
Byron D. Cook	HDR	Byconf d. Carl	18. Oct 2013
Rick St. Amans	HDR	- BAK	180CT13
Jon Jacobso	, IFDR		18 oct 13.
Rob Nelson	HDR	4	18 OCT 13
Matt Real	HPR	Milly,	18 0413
Kim Hawkins	HOR	JATA'	21-04.13
Nouven	HOR	glas.	2100713
Jeff Rueter	HDR	Tub	21 OCT 13
LANNY NEVNISS	Han	/h/h	22 GCT 13
Cherles Dunmire	HDE	Cert	22 oct 13
D. GORDOW	HDR	D. youlon	22 Oct 13
F. CZAIKONOK.	VERSER	7. Loha	18 Nov 2012
EdCarphin	Versar	ESSO	1810V13
JERF MASSIE	VERSAR	MTHy-	- 18 Nov 13
JOSH GULICKSON	HDR	apple	181002013
JOHN BRUNK HORST	HDR	John Brembhord	18/10/2013
NICK WEINNA	HDR	Maplale Jam	- 3 DBC 2013
FEERO Nulles	HDR	2 mg	3 DEC ZOB
Ronald D. Hetzel	HDR	62/12/	3 Doe 2013

ì

	Project Name: Port Angeles Combat Range					
12850 E Control Tower Rd	Project Location: Port Angeles, WA					
Centennial, CO 80112	Report No.: 001 Day/Date: 10/18/2013					
	Contract #:W9128F-10-D-0058, Delivery Order 0006					
Personnel on Site/Area of Responsib	Personnel on Site/Area of Responsibility/Daily Site Operating Hours:					
Tersonner on Site/Area of Responsib	inty/Daily Site Operating Hours.					
See Attached Site Personnel List	Site Operating Hours: 3					
Activities Conducted: (Include location of work performed including equipment used): General site preparation was performed. Unloaded, inspected, and operationally checked all gear. Acquired additional supplies such as plywood for mounting the explosives day box, safety supplies, water, etc. The locations of the survey control points were marked and cleared. GPS data was collected to establish preliminary survey control. Reconnaissance of the explosives storage magazine location was performed. The County Sheriff and Fire District 2 personnel were contacted and briefed about upcoming operations.						
Munitions and Other Items Found To	day: (Include location of the items found): None.					
	s Encountered: (List any conflicts which have hindered ay):The dirt pile that needs to be moved by a skid steer is more accurately					
Other comments or additional inform	ation: None.					
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.						
SUXOS	Date: 10/18/2013					
RANCE						

USACE OESS:	TBD		USACE PM:	Mirek Towste	r	
PM:	Larry Dev	ries	UXOQCS:	Byron Cook	-	
SUXOS:	Rick St.A	mand UXOSO:		Byron Cook		
MC Sampling Lead N/A		Other:	USACE Munitions Design Center: John Mi			
				USACE Regi	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	3	
Byron Cook		UXOQC/SO		HDR	3	
Jon Jacobson		Geo Field Lead		HDR	3	
Matt Reece		UXO Tech III		HDR	3	
Rob Nelson		UXO Tech II		HDR	3	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1 Description:	10/18/13	
Dirt pile at th entrance. No have been du the dirt pile a	te: vehicles iving over nd the	
existing cable access has b		
Photo No.		PHOTOGRAPHIC LOG
	Date:	
2	Date: 10/18/13	

Date: 10/18/2013			Project Name: Port Angeles Combat Range				
HDR EOC 12850 E Control Tower Rd			Contract # : W9128F-10-D-0058, Delivery Order 0006				
Centennial, CO 80112			ort #: 001				
USACE Safety Specialist: TBD		Proj	ect Manager:	Larry deVries			
SUXOX: Rick St. Amand		UXO	QCS: Byron C	Cook			
UXOSO: Byron Cook		Proj	ect Geophysic	cist: Jon Jaco	bson, Geophy	sicist III	
MC Sampling Lead: N/A		Add	itional Team M	lembers:			
LIST DEFINABL	E FEATURE	S OF WORK A	AND INSPECT	ION COMME	NTS		
Preparatory Phase Inspection:							
Initial Phase Inspection:							
Follow-Up Phase Inspection:							
Additional QC/QA Comments: General site preparation was performed. Unloaded, inspected, and operationally check all gear. Acquired additional supplies such as plywood for mounting the explosives day box, safety supplies, water, etc The locations of the survey control points were marked and cleared. GPS data was collected to establish preliminary survey control. Reconnaissance of the explosives storage magazine location was performed. The County Sheriff and F District 2 personnel were contacted and briefed about upcoming operations.					water, etc. iminary		
DGM Daily Quality		DGM Acti	vities Today (According to	Work Plan)		
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2	
Equipment Warm Up	N/A	N/A	Yes	N/A	N/A	N/A	
Record Sensor Position	N/A	N/A	Yes	N/A	N/A	N/A	
Personnel Test	N/A	N/A	Yes	N/A	N/A	N/A	
Cable Shake Test	N/A	N/A	Yes	N/A	N/A	N/A	
Static/Spike	N/A	N/A	Yes	N/A	N/A	N/A	
Point Position/Control Point Check	N/A	N/A	Yes	N/A	N/A	N/A	
IVS	N/A	N/A	N/A	N/A	N/A	N/A	
Comments for DGM Activities, if any:	Gear assem	bly, preliminar	y survey contro	ol activities			
Comments for Visual Survey Activities:							
Comments for MC Sampling, if any:	Comments for MC Sampling, if any:						
Non-Compliant Items Identified Today			Non-Com	pliant Items	Corrected To	day	

On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.

Jon Jacobson, Geophysicist II	
	10/18/2013
1T	
	1T
Bryon Cook, UXOQCS	



10/18/2013

Project Name	Port Angeles Combat Ran	Report No: 001						
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 10/18/2013					
I. Site Safety Brief Topics:								
,	Driving, slips, trips, and falls, weather, Personal Protection Equipment (PPE)							
II. Safety Inspections:								
	adequacy and implementation	on.						
III Probloms	Encountered / Corrective	Actions Takon:						
N/A	Encountered / Corrective							
	I Health and Safety Comm							
such as plywo	od for mounting the explosiv	/es day box, safety supplies, water, e	y checked all gear. Acquired additional supplies tc. The locations of the survey control points were					
			ntrol. Reconnaissance of the explosives storage nnel were contacted and briefed about upcoming					
operations.								
VII. Visitors	VII. Visitors							
None								
	1							
VIII. Approva			Date: 10/18/2013					
ß	\bigcirc							
Bype	n D. Land							
V								

HDR	Project Name: Port Angeles Combat Range				
12850 E Control Tower Rd	Project Location: Port Angeles, WA				
Centennial, CO 80112	Report No.: 002				
	Day/Date: 10/19/2013				
	Contract #: W9128F-10-D-0058, Delivery Order 0006				
Personnel on Site/Area of Responsibi	lity/Daily Site Operating Hours:				
See Attached Site Personnel List	Site Operating Hours: 7				
Activities Conducted: (Include location of work performed including equipment used): Acquired additional safety supplies and equipment. The GPS unit was setup and the locations of the survey control points were verified. An area approximately 5x20 meters was swept with a schonstedt for the Instrument Verification Strip (IVS). EM61 data was collected with the litter over the area proposed for the IVS. Anomalies identified by the EM61 and Schonstedt were investigated, anomalies included wire, nails and small scrap metal from cans. After the metallic anomalies were removed from the proposed IVS additional EM61 data was collected to check the suitability. The EM61 data are being processed to verify the IVS location is appropriate.					
Munitions and Other Items Found Too	day: (Include location of the items found): None.				
Changed Conditions/Delays/Conflicts Encountered: (List any conflicts which have hindered visual surveys and other operations today): None.					
Other comments or additional information: None.					
Contractors' Verification: The above re	Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed				
during this reporting period are in compliance with the plans and specifications except as noted above.					
SUXOS	Date: 10/19/2013				
Buch					

USACE OESS:	TBD		USACE PM:	Mirek Towste	r	
PM:	Larry deV	′ries	UXOQCS:	Byron Cook		
SUXOS:	Rick St.A	mand UXOSO:		Byron Cook		
MC Sampling Lead N/A		Other:	USACE Munitions Design Center: John Mille			
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	7	
Byron Cook		UXOQC/SO		HDR	7	
Jon Jacobson		Geo Field Lead		HDR	7	
Matt Reece		UXO Tech III		HDR	0	
Rob Nelson		UXO Tech II		HDR	7	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	10/19/13	
Description: Collecting Ef over the prop location.	V61 data	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
Description:		

HDR EOC			Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006 Report #: 002				
USACE Safety Specialist: 1T				ct Manager:	Larry deVries		
SUXOX: Rick St. Amand			UXOC	CS: Byron C	ook		
UXOSO: Byron Cook			Proje	ct Geophysic	cist: Jon Jaco	bson, Geophys	sicist III
MC Sampling Lead: 1T			Addit	ional Team M	lembers:		
LIST DEFINABL	E FEATURES	6 OF W		ND INSPECT		NTS	
Preparatory Phase Inspection:							
Initial Phase Inspection:							
Follow-Up Phase Inspection:							
Additional QC/QA Comments: Acquired additional safety supplies and equipment. The GPS unit was setup and the locations of the survey control points were verified. An area approximately 5x20 meters was swept with a schonstedt for the Instrument Verification Strip (IVS). EM61 data was collected with the litter over the area proposed for the IVS. Anomalies identified by the EM61 and Schonstedt were investigated, anomalies included wire, nails and small scrap metal from cans. After the metallic anomalies were removed from the proposed IVS additional EM61 data was collected to check the suitability. The EM61 data are being processed to verify the IVS location is appropriate.						onstedt for IVS. scrap metal	
DGM Daily Quality		DGI	M Activ	ities Today (According to \	Nork Plan)	
Standardization Test	LA 1	LA		PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/	Ά	Yes	N/A	N/A	N/A
Record Sensor Position	N/A	N/	Ά	Yes	N/A	N/A	N/A
Personnel Test	N/A	N/	'A	Yes	N/A	N/A	N/A
Cable Shake Test	N/A	N/	Ά	Yes	N/A	N/A	N/A
Static/Spike	N/A	N/	Ά	Yes	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/	'A	Yes	N/A	N/A	N/A
IVS	N/A	N/	Ά	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any: Analyzed data to identify clean area for	-		g cals.	Full coverage	e survey over p	ootential IVS a	rea.
Comments for Visual Survey Activitie	s:						
Comments for MC Sampling, if any:							
Non-Compliant Items Identif	ied Today			Non-Com	pliant Items (Corrected Too	day
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.							
Jon Jacobson, Geophysicist II 10/19/2013							
1T							
				1T			
Bryon Cook, UXOQCS							



10/19/2013

Project Name	: Port Angeles Combat Rar	Report No: 002						
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 10/19/2013					
I. Site Safety Brief Topics:								
	Driving, slips, trips, and falls, weather, Personal Protection Equipment (PPE)							
II. Cofoty Inc	II. Safety Inspections:							
,	adequacy and implementation)n.						
	Encountered / Corrective	Actions Taken:						
N/A								
IV. Additiona	al Health and Safety Comm	ents:						
Acquired additional safety supplies and equipment. The GPS unit was setup and the locations of the survey control points were verified. An area approximately 5x20 meters was swept with a schonstedt for the Instrument Verification Strip (IVS). EM61 data was collected with the litter over the area proposed for the IVS. Anomalies identified by the EM61 and Schonstedt were investigated, anomalies included wire, nails and small scrap metal from cans. After the metallic anomalies were removed from the proposed IVS additional EM61 data was collected to check the suitability. The EM61 data are being processed to verify the IVS location is appropriate.								
VII. Visitors	VII. Visitors							
None								
VIII. Approva	31		Dete 40/40/2042					
A	0		Date: 10/19/2013					
Byro	m D. Coul							
14.0 00/500								

HDR							
	Project Name: Port Angeles Combat Range Project Location: Port Angeles, WA						
	Report No.: 003						
	Day/Date: 10/21/2013						
	Contract #:W9128F-10-D-0058, Delivery Order 0006						
Personnel on Site/Area of Responsibili	ty/Daily Site Operating Hours:						
See Attached Site Personnel List	Site Operating Hours: 9						
steer and removed the berm blocking the level the road for safe access. Five more	of work performed including equipment used): Took delivery of a rental skid road to the magazine area. After the berm was removed the dirt was used to anomalies were dug and removed from the IVS lane. Six inert 37mm In of these were for use by the EM61 and the Schonstedt and two were for the						
Munitions and Other Items Found Toda	ay: (Include location of the items found):None						
visual surveys and other operations today	Encountered: (List any conflicts which have hindered): There were firmware issues with the Trimble GPS unit. After time spent e vendor recommended reinstalling the firmware which required the purchase of s which resulted in a delay.						
Other comments or additional information: Weather was generally sunny with a high in the mid 50's.							
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.							
SUXOS	Date: 10/21/2013						
Buch							

USACE OESS:	TBD		USACE PM:	Mirek Towste	r	
PM:	Larry deV	/ries UXOQCS:		Byron Cook		
SUXOS:	Rick St.A			Byron Cook		
MC Sampling Lead	ad N/A Other:	Other:	USACE Munitions Design Center: John Mill			
				USACE Regi	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	9	
Byron Cook		UXOQC/SO		HDR	9	
Jon Jacobson		Geo Field Lead		HDR	9	
Matt Reece		UXO Tech III		HDR	9	
Rob Nelson		UXO Tech II		HDR	9	



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	10/21/13	
Placing seed	is in the IVS.	

12850 E Control Tower Rd Centennial, CO 80112				Report #: 003				
USACE Safety Specialist: Choose USACE	E Safety Specialis	st.	Project Manager: Larry deVries					
SUXOX: Rick St. Amand			UXOQCS: Byron Cook					
UXOSO: Byron Cook				ect Geophysic	cist: Jon Jaco	bson, Geophy	sicist III	
MC Sampling Lead: Choose MC Sampl	ing Lead		Addi	tional Team M	lembers:			
		OF W	ORK A	ND INSPECT		NTS		
Preparatory Phase Inspection:								
Initial Phase Inspection:								
Follow-Up Phase Inspection:								
Additional QC/QA Comments: IVS ins	talled IAW Ta	ble 3-4	of PAC	CR FUDS RI V	Vork Plan			
DGM Daily Quality		1		vities Today (-		
Standardization Test	LA 1	LA		PC 1	PC 2	RCQ 1	RCQ 2	
Equipment Warm Up	N/A	N/		Yes	Yes	N/A	N/A	
Record Sensor Position	N/A	N/		Yes	Yes	N/A	N/A	
Personnel Test	N/A	N/		Yes	Yes	N/A	N/A	
Cable Shake Test	N/A	N/		Yes	Yes	N/A	N/A	
Static/Spike	N/A	N/		Yes	Yes	N/A	N/A	
Point Position/Control Point Check	N/A	N/		Yes	Yes	N/A	N/A	
IVS	N/A	N/	A	N/A	N/A	N/A	N/A	
Comments for DGM Activities, if any: potential IVS area. Analyzed data to ider with 2 litter systems. Trouble-shooting F reinstallation of firmware.	ntify clean are	a for IV	S and	noise strip. C	ollected litter I	EM61 data for	IVS memo	
Comments for Visual Survey Activitie	s:							
Comments for MC Sampling, if any:								
Non-Compliant Items Identif	ied Today			Non-Com	pliant Items	Corrected To	day	
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.								
Jon Jacobson, Geophysicist II								
10/21/2013								
Choose an MC Sampling Lead								
				Click her	re to enter a d	ate		
Privan Cook UV0000								
Bryon Cook, UXOQCS								
Byron D. Coul			10/21/	2013				
			10/21/	2013				
Contract No.: W9128F-10-D-0058							E-18	

Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058

Date: 10/21/2013 HDR EOC

Project Name: Port Angeles Combat Range			Report No: 003
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 10/21/2013
I. Site Safety	/ Brief Topics:		
-	, trips, and falls, weather, PP	E, heavy equipment safety	
II. Safety Ins	pections:		
Observed EN	/M operation to remove bern	n; road to site for temporary explosive	s magazine is now accessible
III. Problems	s Encountered / Corrective	Actions Taken:	
N/A			
IV. Additiona	al Health and Safety Comm	ents:	
Installation of	f IVS completed		
VII. Visitors			
None			
VIII. Approva	al		
			Date: 10/21/2013
R-	m d. loul		
1900	m o car		
(1) (2) (2) (3)			



Daily Safety Brief and Sign-In Sheet

ocation of Job (Unit/Location on Projec	t):			
PACR equired PPE:	Wind Direction:	Supervisor of Work: St. Amand		
enther boots work sloves eye Brotection	Evacuation Route: Back to trucks	Safety Brief Prepared By:		
Team Pre-Job Preparation Fill out Daily Tailgate/Safety Sign-In. Review Daily Tailgate/Safety Sign-In.	Assembly Point:	Are other crews in area?		

ect Manager: y de Vries	1-0058 PACA	t Location (
Date: 21 Oct 2013 SSHO: Byron Cook						
Name	Position	Employer	Signature			
on Jacobson	Field Geo	HDR	(a)			
an Jacobson	JUYOS	ITAR	DIAC			
	Tech Z	HOR	1 de la companya de l			
HT Reeve,	Truh 3	HOR	MM			
n youking	Tech-2	ANR	Kippi			
A			1 1.0			
	Vis	sitors				

Daily Safety Brief and Sign-In Sheet



Daily Tailgate/Safety	Sian-In		
Location of Job (Unit/Location on Project): PALR	Team Number:	Area: Mag 10	cation
Required PPE: Gloves, Glusses, Boots, Vests	Wind Direction: Variable Evacuation Route: Vzhicle	Supervisor of Wo IZCCC JSA Prepared By ZCCCC Are other crews	£ y and Date: 10 / 21 / 13
Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: Vehill	Tru Hil	in area :
(What Burn Repair	Job Task at are you doing?)		Audit the Job Audit Time:
			-
Por Traffic, Hear- Equip falls	rential Hazards	rs and	Senior UXO Supervisors Comments:
Went Sufety Ve		for traffic grate, wear cs.	Senior UXO Supervisors Initials:
Name/Signature Team Leader: Recut MW Alternate Team Leader:	r Kidite	Crew Name	Signature

HDR

Daily Tailgate/Safety Sign-In Consider the following and check the items that apply to the job, and then review with the work crew.

Updated 04/11/2013

Daily Tailgate/Safety Sign-In

Page 2 of 2

HDR	Project Name: Port Angeles Combat Range							
12850 E Control Tower Rd	Project Location: Port Angeles, WA							
Centennial, CO 80112	Report No.: 004 Day/Date: 10/22/2013							
	Contract #:W9128F-10-D-0058, Delivery Order 0006							
Personnel on Site/Area of Responsibility/Daily Site Operating Hours:								
See Attached Site Personnel List	Site Operating Hours: 4							
	n of work performed including equipment used): Day boxes were delivered. Work I personnel. General safety and operations brief was given. Training was vas driven.							
Munitiana and Other Koma Found To	day (Include Insection of the items found):None							
Munitions and Other Items Found To	day: (Include location of the items found):None							
Changed Conditions/Delays/Conflicts visual surveys and other operations tod	Encountered: (List any conflicts which have hindered ay):None							
Other comments or additional inform	ation: Weather was generally sunny with a high in the mid 50's.							
Contractors' Varification: The above	eport is complete and correct. All material, equipment used, and work performed							
	iance with the plans and specifications except as noted above.							
SUXOS	Date: 10/22/2013							
Buch								
<u>-</u>								

USACE OESS:	TBD		USACE PM:	Mirek Towste	r	
PM:	Larry deV	/ries UXOQCS: Amand UXOSO:		Byron Cook		
SUXOS:	Rick St. A			Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Munit	tions Desian Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Positi	ion	Employer	Hours	Team
Rick St. Amand		SUXOS		HDR	4	
Byron Cook		UXOQC/SO		HDR	4	
Jon Jacobson		Geo Field Lead		HDR	4	
Matt Reece		UXO Tech III		HDR	4	
Rob Nelson		UXO Tech II		HDR	4	
Neil Roulier		UXO Tech III		HDR	4	
Kim Hawkins		UXO Tech II		HDR	4	
D.A. Gordon		UXO Tech III		HDR	4	
Chuck Dunmire		UXO Tech II		HDR	4	
Jeff Rueter		General Technic	cian II	HDR	4	

Port Angele	s Combat Ra	ange	PHOTOGRAPHIC LOG
Photo No.	Date:		
8	10/22/13		
Description:	I		
Training bein on the MRS.	g conducted		
			PHOTOGRAPHIC LOG
Photo No.	Date:		
Description:		-	

Date: 10/22/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report # : 004
USACE Safety Specialist: TBD	Project Manager: Larry deVries
SUXOX: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection: Preparatory Phase Inspection of DFWs Assisted Visual Surveys and Digital Geophysical Mapping/IVS were conducted. Applicable sections of the PACR FUDS RI Work Plan were reviewed by the team members, as well as the APP/SSHP. Field equipment was inventoried and inspected and work responsibilities assigned. All team members are qualified and necessary certifications were checked and are available.

Initial Phase Inspection:

Follow-Up Phase Inspection:

Additional QC/QA Comments:

DGM Daily Quality	DGM Activities Today (According to Work Plan)					
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	N/A
Personnel Test	N/A	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	N/A
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A
IVS	N/A	N/A	N/A	N/A	N/A	N/A

Comments for DGM Activities, if any: Statistics generated for IVS memo.

Comments for Visual Survey Activities: Conducted Trimble Geo XH training of all field personnel

Comments for MC Sampling, if any:

Non-Compliant Items Identified Today

Non-Compliant Items Corrected Today

On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.

Jon Jacobson, Geophysicist II

2A

10/22/2013

Choose an MC Sampling Lead

Click here to enter a date.

Bryon Cook, UXOQCS

Byron D. Loul

10/22/2013

Project Name	: Port Angeles Combat Rang	je	Report No: 004
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 10/22/2013
I. Site Safety	Brief Topics:		
-	trips, and falls, weather, PPE	E, UXO/MEC	
5. 1.			
II. Safety Ins	pections: prepared IAW APP/SSHP		
Sile vehicles	prepared IAW APP/SSHP		
III. Problems	Encountered / Corrective A	Actions Taken:	
N/A			
N/ Addition	Liesth and Cafety Comm		
	al Health and Safety Comme		n covering APP/SSHP, the three technical
approaches t	hat must be performed to con	nplete the project, expected munitior	ns and greatest item of concern, emergency contact
numbers and team.	evacuation route, daily site o	perations, and reporting requiremen	ts. 3-day OSHA OJT/Observation begins for field
VII. Visitors			
None			
VIII. Approva			
			Date: 10/22/2013
Bin	m D. Laul		
-000			

Daily Safety Brief and Sign-In Sheet Location of Job (Unit/Location on Project): Area: Tech Approach Area Z PortAngeles Combat Range Required PPE: Wind Direction: Supervisor of Work: Modified Level D NA Kick Evacuation Route: Safety Brief Prepared By: Trucks See Map Kueter Assembly Point: **Team Pre-Job Preparation** Are other crews in area? 1. Fill out Daily Tailgate/Safety Sign-In. Trucks 2. Review Daily Tailgate/Safety Sign-In. No 3. Sign Daily Tailgate/Safety Sign-In. Comments: on Trimble XH devices - Doing GPS training and Cameras. Walking practice transects to Minic real production work.

Updated 4/3/2012

Project Task Ord	ler # Proje	Project Location Part Augeles Combat Ro		
SSHO:	Byron Cook	<		
Position	Employer	Signature		
Field Geo	HPR .	AST.		
UKO Tech III	HOR	2. Jonor		
UXO TECH II	HOR	Cent		
UXO TECH IL	HDR			
LIXO TI	HOR	MAR		
4 Ko Tech TI_	HOR	thata.		
Tratt	H012	- WHE		
- Pm	HDN	The		
1				
Visito	ors			
	-			
	Position Freld Gress UKO Tech TII UXO TEC	SSHO: Byton Cook Position Employer Freld Geo HDR. UKO Tech TIE HDR UXO TECH TIE HDR		

HDR	Project Name: Port Angeles Combat Range		
12850 E Control Tower Rd	Project Location: Port Angeles, WA		
Centennial, CO 80112	Report No.: 005		
	Day/Date: 10/23/2013		
Personnel on Site/Area of Responsibil	Contract #:W9128F-10-D-0058 Delivery Order 006		
Personner on Site/Area of Responsibil	ity/Daily Site Operating Hours:		
See Attached Site Personnel List	Site Operating Hours: 10		
delivered to the site by Austin Powder Co permit was not required due to the tempo they were under the 400 sq ft minimum fo were collected adjacent to eastern limits of Instrument Verification Strip memo was p	of work performed including equipment used): Two portable magazines were b. The Clallam County electrical inspector arrived onsite and concluded that a rary nature of the site, the lack of electrical service to the magazines, and that or a Clallam County permit. Four EM61 litter transects approximately 10m long of open area to verify any noise that may affect the DGM system. The Draft repared. Two teams conducted assisted visual surveys. Team Lima surveys in st side of the area and moving west. Team November conducted surveys in st side of the area and moving west.		
Munitions and Other Items Found Toda	av: (Include location of the items found).		
One piece of HE frag (MD)			
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered		
visual surveys and other operations today			
	and trailer that could not drop the magazines at the location approved in the		
Explsoives Site Plan (ESP) due to a narrow road and the inability to turn around. Evergreen towing was contacted who			
was able to move the magazines to the approved location.			
	tions Weathan was paramelly supremutity a bight in the mid 50's		
Other comments or additional informa	tion: Weather was generally sunny with a high in the mid 50's.		
Contractore' Marifications The above as	northe complete and correct. All metarial consistences to and south a sufference t		
	port is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.		
	מוסב שונה נהב פומהם מהם ספבוווכמנוסהם בתכבעו מם הטובע מסטעב.		
Rick St. Amand, SUXOS	Date: 10/23/2013		
altal			

USACE OESS:	TBD		USACE PM:	Mirek Towste	r		
PM:			UXOQCS:	Bryon Cook			
SUXOS:	Rick St.Amand UXOSO:			Bryon Cook			
MC Sampling Lead	N/A		Other:	USACE Munit	tions Desian Ce	nter: John Miller	
				USACE Regional Project Lead: Mark Murphy			
Name		Posit	ion	Employer	Hours	Team	
Rick St. Amand		SUXOS		HDR	10		
Bryon Cook		UXOQCS/SO		HDR	10		
Jon Jacobson		Field Geophysy	cist	HDR	10		
Matt Reece		UXO Tech III		HDR	10	Lima	
Rob Nelson		UXO Tech II		HDR	10	Lima	
Neil Roulier		UXO Tech III		HDR	10		
Kim Hawkins		UXO Tech II		HDR	10		
D.A. Gordon		UXO Tech III		HDR	10	November	
Chuck Dunmire		UXO Tech II		HDR	10	November	
Jeff Rueter		Field Tech III		HDR	10	Lima	

PACR		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	10/23/13	
Description: Portable expl storage maga approved ES	losives azines at the	
PACR		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	10/23/13	
Description: Chain placed road to restric the explosive magazines	l across the ct access to	<image/>


<u>.</u>							
Date: 10/23/2013 HDR EOC			-	ct Name: Port act #: W9128	•	nbat Range Delivery Orde	er 0006
12850 E Control Tower Rd Centennial, CO 80112			Repo	rt #: 005			
USACE Safety Specialist: TBD			Proje	ct Manager : L	arry deVries		
SUXOX: Rick St. Amand				CS: Byron C	ook		
UXOSO: Byron Cook			Proje	ct Geophysic	ist: Jon Jaco	bson, Geophy	sicist III
MC Sampling Lead: N/A			Addit	ional Team N	lembers:		
LIST DEFINABL	E FEATURES	S OF WO	ORK AI		ION COMME	NTS	
Preparatory Phase Inspection:							
Initial Phase Inspection: Observed Tea • Team followed planned transects load • Team consisted of one UXO Tech III a • Team used Schonstedt magnetometer • Team was aware of separation distance Observed MD Handling, Storage, and D • MPPEH inspected by UXO Techs II an • MDAS verified and secured by SUXOS Follow-Up Phase Inspection:	ed into a Trim nd one UXO ⁻⁷ and White All we while invest emilitarization ad III and dete	ble Geo Fech II I Metals tigating a	XH GP detecto anomal	S unit or to locate ar ies		ea 1	
Additional QC/QA Comments: Verified	d instrument c	heck-ou	it proce	dures at IVS a	at the start of	the day	
DGM Daily Quality		DGN	/ Activ	vities Today (A	According to \	Nork Plan)	
Standardization Test	LA 1	LA		PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N//	A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N//	A	N/A	N/A	N/A	N/A
Personnel Test	N/A	N//	A	N/A	N/A	N/A	N/A
Cable Shake Test	N/A	N//	A	N/A	N/A	N/A	N/A
Static/Spike	N/A	N//	A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N//	A	N/A	N/A	N/A	N/A
IVS	N/A	N//	A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any: characterize site noise. Write-up of IVS		er lines	collecte	ed with the litte	er adjacent to	the open area	a to
Comments for Visual Survey Activitie transect data; no issues observed	es: Observed	GeoXH	Start of	f Day procedu	ires; download	ded and QCec	I teams'
Comments for MC Sampling, if any:							
Non-Compliant Items Identif	ied Today			Non-Com	pliant Items (Corrected To	day
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.							
Jon Jacobson, Geophysicist II			10/23/2	2013			
			10/23/2	.010			
1T				1T			
Bryon Cook, UXOQCS							
Byron D. Carl			10/23/2	2013			

Project Name:	Port Angeles Combat Rang	е	Report No: 005
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 10/23/2013
I. Site Safety	Brief Topics:		
Driving, slips, Explosives of	trips, and falls, weather, Pers		Jnexploded Ordnance (UXO)/Munitions and ial Safety Data Sheets (MSDS) for marking paint,
II. Safety Insp	pections:		
Insured teams	s were equipped with hand cl	eaner and first aid kits for field opera	ations.
III. Problems	Encountered / Corrective A	Actions Taken:	
N/A	I Health and Safety Comme	nts	
HDR Project N		erve beginning of field operations an	d to assist in selecting control points. PM and
VII. Visitors			
James Wengl	er, surveyor, Wengler Survey	ing & Mapping	
VIII. Approva	l		
			Date: 10/23/2013
Byro	n D. Lail		



PACK	ot):	Area:
Required PPE: Leg fler boots sloves	Wind Direction: Variable	Supervisor of Work: Sf. Amend
safety slasses	Evacuation Route: back to trucks	Safety Brief Prepared By:
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: frucks	Are other crews in area?

Comments:

PPE; UXO/MEC; slips/trips/falls; EZ (209'); hydrate; dress appropriately; MSDS for marking chelk; field hysine; first and; evacuation weather cool/fossy casing to sonny 158-60° affernoon

Updated 4/3/2012

Daily Safety Brief	and Sign-In SI	neet	h X
Project Manager:	Project Task Or	der # Projec	et Location
Larry Buries	W7128F-10-	D-0058 /	ACK
Date: 23 Ocf 13		Byron Cock	
Name	Position	Employer	Signature
Robert Nelson	UKO TECHI	HDR	Mag
Jon Jacobson		HDR	133
NRouriss	4x0 TT	11pr	Kor
D. GORDON	UXO TIL	HOR	D. Houton
M. fine	uxo III	itpe	AM
CDUNMILE	Uto II	HDR	Cen
Jeff Rueter	Field Geo	HDR	Feff F
JAMES WENGLEN	SURVEYOR	WENGLAL	Q-49-
LANM NEWHOS	pm	Mil	/ ha / ha
	Visi	itors	





Project Name:	PACR RI	-
Floject Name.	TAORTA	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	pment Description Asset Number Signature of Operator	Equip Worl		
			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693	Jeff R		
Trimble	3974	Ceio		
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084	Cert	凶	
Camera	3963	Feff	一	

Asset Number	Describe Problem -Malfunction		
Date: Click here to enter a date.	Yes No		
	Date: Click here to enter a date.		



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	nent Description Asset Number Signature of Operator	Equipment Working		
Edubuient Possibler			Yes	No
Schostedt	3104	Mul	U	
Schostedt	1636	MULL		
Schostedt	3658			
Schostedt	3105	Huwlans		
Schostedt	3885	Huulaus D. Soulon	Ø	
Schostedt	3887			
White	3894			

Equipment Description	n Asset Number	Describe Problem -Malfunction		
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No		



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	nt Description Asset Number Signature of Operator	Equip: Work		
			Yes	No
Garmin	3678	O. Goaton	Z	
Garmin	3679	O. Boothon M. Un	Ø	
Garmin	3680	62-	Ø	
Garmin	3682			
Garmin	3798			
Garmin	3685			

Equipment Description	Asset Number	Describe Problem -Malfunction		
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No		

1100	
	Project Name: Port Angeles Combat Range
12850 E Control Tower Rd	Project Location: Port Angeles, WA
Centennial, CO 80112	Report No.: 006 Day/Date: 10/24/2013
	Contract #:W9128F-10-D-0058, Delivery Order 0006
Personnel on Site/Area of Responsibi	
reisonnei on Site/Area of Responsibl	ity/Daily Site Operating Hours.
See Attached Site Personnel List	Site Operating Hours: 10
visual surveys today. Team Lima conduct and moving east. The area had rough ter well. Team November conducted visual s moving west. An electrician from Olympic	of work performed including equipment used): Two teams conducted assisted sted visual surveys in Tech Approach Area 1 staring on the west side of the area rrain that made visual surveys difficult and access to the area was difficult as surveys in Tech Approach Area 3 starting where the team left off 10/23/13 and c Electric was on site to ground the two portable explosives magazines. An UXO vere provided for the surveyors while control points are being established.
Munitions and Other Items Found Tod	ay: (Include location of the items found):None
	Encountered: (List any conflicts which have hindered y): Difficult terrain and dense undergrowth made access to Team Lima's ey approximately one mile today.
Other comments or additional informa	ation: Weather was generally sunny with a high in the mid 50's.
	eport is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.
SUXOS	Date : 10/24/2013
Buch	
.	

USACE OESS:	TBD		USACE PM:	Mirek Towste	r	
PM:	Larry Dev	ries	UXOQCS:	Byron Cook	•	
SUXOS:	Rick St.A		UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Munit	tions Desian Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysy	cist	HDR	10	
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	Lima
Neil Roulier		UXO Tech III		HDR	10	
Kim Hawkins		UXO Tech II		HDR	10	
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima





Date: 10/24/2013			ect Name: Por			
HDR EOC 12850 E Control Tower Rd			tract #: W9128 ort #: 006	F-10-D-0058,	Delivery Orde	er 0006
Centennial, CO 80112 USACE Safety Specialist: TBD			ect Manager: I	arry de\/ries		
SUXOS: Rick St. Amand			OQCS: Byron C	-		
UXOSO: Byron Cook			ect Geophysic		bson Geophy	sicist III
MC Sampling Lead: N/A			itional Team N			
	EFEATURES		AND INSPECT		115	
Preparatory Phase Inspection:					·	
Initial Phase Inspection: Initial observa • Team followed planned transects load • Team consisted of one UXO Tech III a • Team used Schonstedt magnetometer • Team was aware of separation distance	ed into a Triml nd one UXO T to locate ano	ble GeoXH G Fech II malies	PS unit	ted visual Su	veys in Tech	Area 3
Follow-Up Phase Inspection:						
Additional QC/QA Comments: Observ	ed Schonsted	It check-out a	t the IVS			
Lightning protection for 2 each, ATF App PAM 385-64 Table 17-1, Grounding Sys Portable Magazines No MPPEH located today Local Washington State surveyors on si	stem Inspectio	n and Test R	equirements, a			
DGM Daily Quality		DGM Act	ivities Today (According to	Nork Plan)	
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	N/A
Personnel Test	N/A	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	N/A
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A
IVS	N/A	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any:	IVS memo su	ubmitted				
Comments for Visual Survey Activitie requirements. Visual Survey data was d		•	ere observed by	Jeff Rueter a	ind passed QC)
Comments for MC Sampling, if any:						
Non-Compliant Items Identif	ied Today		Non-Com	pliant Items	Corrected To	day
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.						
Jon Jacobson, Geophysicist II		10/24	/2013			
1T						
			1T			
Bryon Cook, UXOQCS						
Byron D. Carl		10/24	/2013			

Project Name	Port Angeles Combat Rang	е		F	Report No: 006
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	C	Date: 10/24/2013
I. Site Safety	Brief Topics:				
Driving, Perso	onal Protection Equipment (P Concern (MEC), hydration, fi				
II. Safety Ins	pections:				
Observed UX				cted routes to propos	ed control points, and checked
III. Problems	Encountered / Corrective A	ctions Taker	ו:		
	I Health and Safety Comme				
					afety brief and provided an were given a safety brief and
VII. Visitors					
	er, Bill Vernon, Jeff Heistand 1, electrician, Olympic Electr		/engler Surveying & Ma	apping	
VIII. Approva	I				
				Date: 10/24/201	3
Byro	n d. lail				



Comments:

IlE! Driving; First qid; Field sanitation/hyseine; slips/trivs/Enlls; UKO/MEC; EZ (209/43) weather; cool/humid warning to 58 & sunny



Project Task Order # Project Location <u>W9128F-10-D 70058</u> 00 0000 <u>IACA, WA</u>

Larry de Vries Date: 10/24/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
191 Johnson	Electivician	o'ly Elec	Rix
malles Dunmire	UXO TECH I	MDa	apt
Rourier	4x0 A	HOR	625
D. GORDON	UXD TIL	HDR	D. Monton
1. Recie	4x0 H	HPE	MM
obert Nelson	UXOT	HOR	ol
Jeff Rueter	Field Geo	HDR	Feff TH
Im Anulias	UKOI	#DR	fut pack
ATTES WENGLER	SURVEYOR	WENGLER	Jan y
Sill Vernon	SURVEYOR	WENGLER	Boll Um A
Seff HEISTAND	Surveyor	WENGLER	AL HAN
-1			
	V	altara	
	VI	sitors	





Project Name:	PACR RI	
Date:	24 OCT 13	
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equip: Work	
Equipment Description			Yes	No
Trimble	3660	Railibr	Æ	
Trimble	3975			
Trimble	3693	FeffR	×	
Trimble	3974	Centra	X	
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084	D. Youlon	K	
Camera	3963	Feft	R	

Date: Click here to enter a date.	Yes	No 🗌
	Date: Click here to enter a date.	Date: Click here to enter a date. Yes



Project Name:	PACR RI	
Date:	24 OCT 13	_
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	_

Equipment Description	Asset Number	Signature of Operator	Equip Work	ment king
Equipment Description	Prosectionser		Yes	No
Garmin	3678	D. Hordon	R	
Garmin	3679			
Garmin	3680	Nerson	e	
Garmin	3682	7.000		
Garmin	3798			
Garmin	3685	Rourion	Ŕ	

Equipment Description	Asset Number	Descri	be Proble	m -Malfun	iction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes		No	



YOCT 13
8F-10-D-0058
Devries
2

Equipment Description	Asset Number	Signature of Operator	Equip: Work	
Equipment Description	Houterhamber		Yes	No
Schostedt	3104	RESSE		
Schostedt	1636			
Schostedt	3658	Ranzier		
Schostedt	3105			
Schostedt	3885	D. Hordon		
Schostedt	3887			
White	3894			

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No
Equipment sent for repairs?	Date. Ones note to criter a date.	

HDR	Project Name: Port Angeles Combat Range
12850 E Control Tower Rd	Project Location: Port Angeles, WA
Centennial, CO 80112	Report No.: 007
	Day/Date: 10/25/2013
	Contract #:W9128F-10-D-0058, Delivery Order 0006
Personnel on Site/Area of Responsibi	lity/Daily Site Operating Hours:
See Attached Site Personnel List	Site Operating Hours: 10
visual surveys today. Team Lima conduct 10/24/13 and continuing east. The area h difficult as well. Team Lima also investigation surveys in Tech Approach Area 1. Team	of work performed including equipment used): Two teams conducted assisted cted visual surveys in Tech Approach Area 1 starting where the team left off on had rough terrain that made visual surveys difficult and access to the area was ated roads and trails in the Morse Creek drainage for access during future in November conducted visual surveys in Tech Approach Area 3 starting where est. Two UXO escorts were provided for the surveyors while control points were
Munitiana and Other Itama Found Ted	lay: (Include location of the items found):None
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered
	y): Difficult terrain and dense undergrowth made access to Team Lima's
transects difficult. Lima was able to surve	ey approximately one mile today.
Other comments or additional information	ation. Weather was generally doudy with a high in the near 50
	ation: Weather was generally cloudy with a high in the near 50.
Controctoro' Verifications The shows of	anortic complete and correct. All metavial equipment used, and used a set
	eport is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.
SUXOS	Date: 10/25/2013
SUXOS	Date: 10/20/2015
boyal	

USACE OESS:	TBD		USACE PM:	Mirek Towste	r	
PM:	Larry deV	′ries	UXOQCS:	Byron Cook	•	
SUXOS:	Rick St.A	mand	UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Munit	tions Design Ce	enter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysy	cist	HDR	10	
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	Lima
Neil Roulier		UXO Tech III		HDR	10	
Kim Hawkins		UXO Tech II		HDR	10	
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima



HDR EOC 12850 E Control Tower Rd		Con	Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006 Report #: 007			
USACE Safety Specialist: TBD		Proj	ect Manager: I	_arry deVries		
SUXOX: Rick St. Amand			QCS: Byron C	ook		
UXOSO: Byron Cook Pr			ect Geophysic	sist: Jon Jaco	bson, Geophy	vsicist III
MC Sampling Lead: N/A		Add	itional Team M	lembers:		
LIST DEFINABL	E FEATURES	OF WORK	AND INSPECT	ION COMME	NTS	
Preparatory Phase Inspection:						
Initial Phase Inspection:						
Follow-Up Phase Inspection:						
Additional QC/QA Comments: Observed VS teams and UXO escorts check instruments at the IVS No MPPEH located today Local Washington State surveyors on site establishing control points Observed vehicle safety inspections						
DGM Daily Quality		DGM Act	ivities Today (According to	Work Plan)	
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A
Record Sensor Position Personnel Test	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Cable Shake Test	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A
IVS	N/A	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any:						
Comments for Visual Survey Activitie requirements. Visual Survey data was d		•	ere observed by	/ Jeff Rueter a	and passed Q	C
Comments for MC Sampling, if any:						
Non-Compliant Items Identif	ied Today		Non-Com	pliant Items	Corrected To	day
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.						
Jon Jacobson, Geophysicist II						
22		10/25	/2013			
1T						
			1T			
Bryon Cook, UXOQCS						
Bryon Cook, UXOQCS Byron D. Carl		10/25	/2013			

Project Name:	Port Angeles Combat Rang	je		Report No: 007	
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 10/25/2013	
I. Site Safety	Brief Topics:				
Driving, Perso	-			nexploded Ordnance(UXO)/Munitions and e (EZ) (209 ft/ 43 ft), first aid	
II. Safety Ins	pections:				
	vehicle safety inspections; p	rimary first aid	I kits are still sealed		
III. Problems	Encountered / Corrective A	Actions Taker	1:		
N/A					
	I Health and Safety Comme		ito to ostablish control	points. They were given a safety brief and provided	
escorts.	ni wengler Surveying a Map	ping were on a		points. They were given a safety blef and provided	
VII. Visitors					
Bill Vernon, Je	eff Heistand, surveyors, Wen	gler Surveying	& Mapping		
VIII. Approva					
				Date: 10/25/2013	
Byro	n D. Carl				
110 6,550					

Location of Job (Unit/Location on Project Port Angeles Combat Range	Area:	
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
<u>Team Pre-Job Preparation</u> 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

HX



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 25 Oct 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
Robert Nelson	UXO II	HOR	E
M. Recce	4x0 II	HDR	Mun
D GORDON	UXO III	HOR	W. Garden
Jon Jacobin	Field Geo	HDR	er.
Jeff Ructer	Field Geo	HDR	action
NHouseyon	4 Yo It	HPR	Alto
K Huukins	UXO II	ADR	KANG
K. DUNMIRE	UXO H	HDR	- Contraction
R of Amono	SV405	Har	White
Bill Verme	arkueven	NERGERIE	15.11 Uni
JEFP HEISTAND	Surveyor	WENGLER	A VHX
	Vi	sitors	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Work	
			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693	Jeff R	×	
Trimble	3974	CLD		
Trimble	3661 39.65			
Camera	2000 3964	DIA-		
Camera	3083	Vene		
Camera	3064 Nikon	Cet	Ø	
Camera	3963	Jeff 12	×	

Asset Number	Describe Problem -Malfunction
Date: Click here to enter a date.	Yes No
	Date: Click here to enter a date.



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Work	
Equipment becomption			Yes	No
Garmin	3678	D. Yonton		
Garmin	3679	D. Jordon Milm	X	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685			

quipment sent for repairs? Date: Click here to enter a date.	quipment sent for repairs?	Date: Click here to enter a date.	Yes No



PACR RI	
W9128F-10-D-0058	
Larry Devries	
	W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Schostedt	3104	M/m	Ď ≯	
Schostedt	1636			
Schostedt	3658			
Schostedt	3105			
Schostedt	3885	D. youlur		
Schostedt	3887			
White	3894			

Equipment Description	Assel Number	e Number Describe Problem -Mal						
Equipment sent for repairs?	Date: Click here to enter a date.	Yes] No 🗌					

Vehicle Inspection Checklist and Report Form



Site	Name/Locat	ion:	PACR
Site	Supervisor:	St.	Amund

Vehicle: Project Renta 1#2 / Project # 206945

Date Inspected: 10/25/13

Mileage: 5913

Owner: (Rental, SKY, Contract)

	N	lond	ay	T	uesd	ay	W	ednes	day	TI	ursd	ay		Friday	v
Item Description	-	Pass			Pass			Pass		Sara	Pass	12		Pass	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Registration and License Plate		Ц	ЦЦ	4			14								
Insurance		Ц	ЦЦ	4		Ц	14						0		
Emergency Route Map/Phone #s		Ш					14								
2 Tires:		-		-		_							1		
Pressure		Ц	Ц	4			12								
Condition						Ц									
3 Equipment:		_			_	-									-
Fire Extinguishers		Ц	Ц	4		Ц	N								
First Aid/CPR/Burn Kits		Ц	Ц	4		Ц				Ø					n
Blood Borne Pathogen Kit				4	Ц	4	Z								
Eyewash Kits															Ē
Spare Tire				0						Ø,				Ē	Ē
Tire Changing Equipment										Ø				Ē	Ē
Tie Downs*												Z			A
Chocks*						Ø,						D,		F	Z
Placards*						Z			D			D		H	T
Other:												Π		H	F
Other:												T	The last	H	H
4. Brakes				T.											
Hand/Emergency				Z				P.		Ø.	Π	m	1A		
Service							D	R		A	FI	FI	T	H	-11
5. Belts			-		1										
Proper Tension							A	Ø.		R.		П	n		
Condition							0			1	n	T	R	H	H
6. General:								11					~		
Windshield				Z			Z	R		D.	П		RI		
Windshield Wipers							D	R		A	F	H	A	HI	H
Windows (Condition/Operation)				Z			A		n	a	H	H	R	H	-11
Seat Belts				0			n	R.	T	T	H	H	8	11	
Steering				D				CA		D	H	H	A	H	
Horn				Z			R	T	E I	A	H	H	Ħ	Ht	
Gas Cap				Z			D		T	X	H	H	A	H	
Mirrors							Ø			Ø	H	H	A	++	
Door/Window Handles/Latches				Ø			A	T	F1	D.	H	H	1	++	+++
Cleanliness	n	n t	T	D	市十	nt	Ø	Fit	H	Ø	#	H	X	#	11
Exhaust System				7	F	n	n	nt	n1	A	11	H	A	+++	+++
7. Lights:										<u>e</u>					
Headlights (High/Low)				DI	П		RI	ПТ		R	TT		Ø		
Brake Lights	nti		h	1	F	ht	Ø/	H	H	D.	++	HH	R.	H+	41
Parking	nti		h	n	H	Ħ	DY	H	H	1	H	21	X	++	41
Back-up		1	ht		H+	Ħ	D	H	HI	M	H	H+	K.	H+	41
Turn Signals	T	7	fit		nt	F t	A	H	H	1	1	H+	Ø.		
Emergency Flashers	nti	1	F		T	H	A	H	H	Ħ		H		4	1
Interior Lights	FI	=+	FI	6		H	H	H	H	8	++	HH			4
interior Eigne				4						E					

Vehicle Inspection Checklist and Report Form Jucobson is Suborbon



Site Name/Location: PACR

Site Supervisor: 5t. Amand

Vehicle: Project Renta 1#2 / Project #206945

Date Inspected: 10/25/13

Mileage:

Owner: Enternese (Rental, Star, Contract)

	M	lond	ay	T	uesd	ay	We	dnes	day	TI	ursda	ay	0	Friday	1
Item Description	1.741	Pass	6		Pass		1	Pass			Pass	END.		Pass	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes,	No	N/A
Registration and License Plate	M/			M						1			V		
Insurance				\square											
Emergency Route Map/Phone #s				M						M					
2 Tires:					-										
Pressure															
Condition													Z		
3 Equipment:		-								-					-
Fire Extinguishers	D			D											
First Aid/CPR/Burn Kits															
Blood Borne Pathogen Kit														\square	
Eyewash Kits															
Spare Tire															Ē
Tire Changing Equipment													Й	T	П
Tie Downs*															Π
Chocks*														T I	Ē
Placards*													F	TI	Ē
Other:														FI	Ē
Other:											IT	n	F	H	F
4. Brakes	2.5					1									
Hand/Emergency		Π								n	ПП	11	DI.		
Service		Π	Π				17	Π		D	n	FI	Z	H	H
5. Belts				100	· ·										
Proper Tension											Π		Π		
Condition											n		H	H	H
6. General:															
Windshield										Ń	ПП		N		
Windshield Wipers				Z						M	T	H	A	H	H
Windows (Condition/Operation)	Ń	Π		Ø		n	17	Π	n	M	1 Fil	H	TI	H	H
Seat Belts										Z	H	H	A	H	H
Steering	1	Ē		\overline{n}	T	Ē	n		T			H	A	H	H
Horn	n	T	F	71	T	Ē	n	n	FI	Й	H	H	Ø	++	H
Gas Cap	D	П	Ē	M	n	n	N	Ē	T	Ø	H	H	D	H	H
Mirrors	DI	П	П	TA	n	n	Ñ	Ē	Ħ	Ñ	HH	H	A	H	
Door/Window Handles/Latches	Ø	F	F	n	H	h	Z	T	H	Z		H	h	++	H
Cleanliness		FI	T	7	T	H		n	H	Й			D	++	
Exhaust System		H	H	7	H	H	R	H	H	M		H	A	++	
7. Lights:							4								
Headlights (High/Low)	DI			M			Ø			Ń			M		
Brake Lights	ħ	H	H		H	H	Ø	H		Ø		+++	0		
	H	H	H	n	H	-	Ø	H	H	Z				++	
Parking	D	H	H	Z	H	H	Ø	H	H	1		H	4	+++	
Back-up		H	H	ħ	=		Z	H		8		+++	4	++	
Turn Signals	ħ	H	H	ħ	++	+++	Z	H		Ø		+++	A	4+	H
Emergency Flashers	Ħ	H	H	D	H	HI	7	H	H			41		44	4
Interior Lights	4			4			4			Z			Ø		

Vehicle Inspection Checklist and Report Form Dody



Site Name/Location: PACR

Site Supervisor: 5t Amand

Vehicle: 2012 Dode Ran 2500 (Make and License Plate Number) ZCM-9703-PENN

Date Inspected:	10/	25/	13
-----------------	-----	-----	----

Mileage:

Owner: Lease-Express Car & Truck Rental (Rental, Contract)

		ond	ay	T	uesd	ay	We	dnes	day	Thursday Frid				Friday	1 Augusta
Item Description	-	Pasa			Pass	and the second se		Pass	20		Pass		1 1 1 1 1	Pass	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Registration and License Plate					LLL								1		
Insurance					Ц								1		
Emergency Route Map/Phone #s															
2 Tires:	-	_												_	_
Pressure				Ц				Ц					1		
Condition													1		
3 Equipment:		_									-		-		
Fire Extinguishers				Ш									4		
First Aid/CPR/Burn Kits															
Blood Borne Pathogen Kit															
Eyewash Kits															
Spare Tire															
Tire Changing Equipment															
Tie Downs*															
Chocks*															
Placards*													R		
Other:															Π
Other:															
4. Brakes				1.1	-				1000		1				
Hand/Emergency													1	Π	
Service													T	Ē	Ē
5. Belts															
Proper Tension													1		
Condition													1		Π
6. General:							1000			1.1.5					
Windshield													1		
Windshield Wipers											Π	Π	T		H
Windows (Condition/Operation)											Π		R.	Ē	
Seat Belts		Ē									IT		7		H
Steering		П	Ē	T	IT	Ē	Π		T	Π	In	П	7		H
Horn	n	Π	T	IT	IF	Ē	П		F	Ē	IT	П	7		H
Gas Cap	n	Ē	Ī	Ē	T	IT	П	Π	П		П	H	R	H	H
Mirrors	h	F	Ē	n	T	Ē	Ē	Ē	n	Ē	Ē	H	7	H	H
Door/Window Handles/Latches	F	Ħ	T	H	T	E	h	n	H	П	H	H	7	H	H
Cleanliness	H	Ħ	h	F	T	H	H	H	H	H	H	H		H	H
Exhaust System	H	Ħ	H	H		H	H		F	H	H	H		H	- 1
7. Lights:		<u> </u>			1										<u> </u>
Headlights (High/Low)		П	П		П								0		
Brake Lights	H	H	H	H	H	H	H	H	H	H	H	H	R	H	
Parking	H	H	H	H	H	H	H	H	H	H	H	H		++	
Back-up	H	H	H	H	H	H	H	H	H	H	H		2		
	H	H	H	H	H	H	H	H	H	H			7		
Turn Signals	H	H	H	H	H			H		H					
Emergency Flashers			H		H									H	
Interior Lights															

Location of Job (Unit/Location on Proje Port Angeles Combat Range	Area:					
Required PPE:	Wind Direction:	Supervisor of Work:				
leather boots	variable	SUXOS Rick St. Amand				
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook				
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes				

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Delivery Order 0006





Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 28 Oct 13

SSHO: Byron Cook

Name	Position	Employer	Signature
Rick St Amaria	SUNDS	MAR	alter
Jeff Ructer	Field Geo	HDR	FEFTZ
M. Breed	LIVE ITT	HPR	MM
Jon Jacobson	Field Geo	HDR	·
Mourim	uperII	HOR	Stop -
D. GONDON	UXO III	HOR	W. Jouhan
C DUNMIRE	II OXO	HDR	Class
R. Nelson	UXOI	HPR	
	Visi	tors	
	VISI		



PACR RI	_
W9128F-10-D-0058	
Larry Devries	
	W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693	Jeff R	×	
Trimble	3974	CLD		
Trimble	3661 3965			
Camera	2008 3964	DIA-		
Camera	3083	Ven		
Camera	Nikon	Cet	Ø	
Camera	3963	Jeff 12	×	

	Asset Number	Describe Proble	em -Malfunction
			*
quipment sent for repairs?	Date: Click here to enter a date.	Yes	No 🗌



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
			Yes	No
Garmin	3678	D. Horkon	×	
Garmin	3679	MMm -	X	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685			

n Asset Number	Describe Problem -Malfunction
Date: Click here to enter a date.	Yes No



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
			Yes	No
Schostedt	3104	MAn	¢≱	
Schostedt	1636			
Schostedt	3658			
Schostedt	3105			
Schostedt	3885	D. youtre		
Schostedt	3887			
White	3894			

quipment sent for repairs? Date: Click here to enter a date. Yes No I	Equipment Description	Asset Number	Asset Number Describe Problem -Ma	
	quipment sent for repairs?	Date: Click here to enter a date.	Yes	No 🗌
HDR	Project Name: Port Angeles Combat Range			
---	---			
12850 E Control Tower Rd	Project Location: Port Angeles, WA			
Centennial, CO 80112	Report No.: 009			
	Day/Date: 10/29/2013 Contract #:W9128F-10-D-0058, Delivery Order 0006			
Personnel on Site/Area of Responsib				
Tersonner on onerArea of Responsit	Sincy/Daily Site Operating rours.			
See Attached Site Personnel List	Site Operating Hours: 10			
visual surveys today. Team Lima condu Team. Teams India and November cor	on of work performed including equipment used): Two teams conducted assisted ucted visual surveys in Tech Approach Area 2 and were followed by the DGM inducted visual surveys in Tech Approach Area 3. Both teams ended in uth respectively. Team November finished the day trying to find access to the 75 ch Area 3 from the North East.			
Munitions and Other Items Found To	oday: (Include location of the items found):None			
Changed Conditions/Delays/Conflict	s Encountered: (List any conflicts which have hindered			
visual surveys and other operations tod				
high in the near 50.	nation: Weather was cold with frost in the morning then sunny and clear with a			
Schedule: Production is currently on pa	ace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving).			
Contingency plan is in place for addition	nal personnel if required.			
	report is complete and correct. All material, equipment used, and work performed pliance with the plans and specifications except as noted above.			
SUXOS	Date : 10/29/2013			
Run				
12 that				
	I			

PM: SUXOS:	Webster Keller (offsite) Larry Devries	UXOQCS:	Mirek Towster		
SUXOS:		UNUQUS.	Byron Cook		
	Rick St.Amand	UXOSO:	Byron Cook		
MC Sampling Lead	N/A	Other:	USACE Munit	ions Desian Ce	nter: John Miller
			USACE Regio	onal Project Lea	d: Mark Murphy
Name	Posi	tion	Employer	Hours	Team
Rick St.Amand	SUXOS		HDR	9.5	
Byron Cook	UXOQC/SO		HDR	9.5	
Jon Jacobson	Field Geophysi	cist	HDR	9.5	DGM
Matt Reece	UXO Tech III		HDR	9.5	Lima
Rob Nelson	UXO Tech II		HDR	9.5	DGM
Neil Roulier	UXO Tech III		HDR	9.5	India
Kim Hawkins	UXO Tech II		HDR	9.5	India
D.A. Gordon	UXO Tech III		HDR	9.5	November
Chuck Dunmire	UXO Tech II		HDR	9.5	November
Jeff Reuter	Field Tech III		HDR	9.5	Lima

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	10/29/13	
Description:		
metal debris		
munitions re and recorded		
Lima within		
Approach Ar	ea 2	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	10/29/13	
Description:		
team member performing S		ALL
assisted visu		
within Techn		
Approach Ar	ea 3	
		and the second of the second of the second
		AND

				PHOTOGRAPHIC LOG
Photo No.	Date:			
3	10/29/13	e de la ce	NE ACA	
Description: blocking according foot transect southern po MRS in Tech Approach Ar Recorded by UXOSO/QCS evaluation	ess to 75- ts from the rtion of the nical ea 3. SUXOS and			
				PHOTOGRAPHIC LOG
Photo No.	Date:			

Date: 10/29/2013				Project Name: Port Angeles Combat Range			
HDR EOC 12850 E Control Tower Rd		Cont	Contract #: W9128F-10-D-0058, Delivery Order 0006				
Centennial, CO 80112		Repo	Report #: 009				
USACE Safety Specialist: Webster Keller			ect Manager: L	arry deVries			
SUXOS: Rick St. Amand		UXO	QCS: Byron C	ook			
UXOSO: Byron Cook			ect Geophysic	ist: Jon Jaco	bson, Geophy	sicist III	
MC Sampling Lead: N/A		Addi	tional Team N	lembers:			
LIST DEFINABL	E FEATURES	OF WORK A	ND INSPECT		NTS		
Preparatory Phase Inspection:							
Initial Phase Inspection:							
Follow-Up Phase Inspection:							
Additional QC/QA Comments: Observed Schonstedt and EM-61 verification No MPPEH located today Clallam County Fire District 2 was notified in writing of the location and contents of the portable explosives magazine Performed site evaluation with SUXOS to try to find access to 75-foot transects in Area 3 from the southern approach could not access due to terrain				•			
DGM Daily Quality		DGM Acti	vities Today (A	According to \	Nork Plan)		
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2	
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A	
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A	
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A	
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A	
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A	
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A	
IVS	Yes	N/A	N/A	N/A	N/A	N/A	
Comments for DGM Activities, if any: 75-foot-spaced DGM transects with litter			•			-	
Comments for Visual Survey Activitie requirements. Visual Survey data was d			re observed by	Jeff Rueter a	and passed QC	2	
Comments for MC Sampling, if any:							
Non-Compliant Items Identif	ied Today		Non-Com	pliant Items (Corrected To	day	
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.							
Jon Jacobson, Geophysicist II							
AA							
		10/29/	2013				
1T							
			1T				
Bryon Cook, UXOQCS							
P Q , P							
Dyron a Carl	Byron D. Carl						

Project Name	: Port Angeles Combat Rang	je		Report No: 009
Project No:	W9128F-10-D-0058	Location: Port Angeles, V	VA	Date: 10/29/2013
I. Site Safety	Brief Topics:			
		PE), slips, trips, and falls, weat ation/hygiene, Exclusion Zone		ce/ Munitions and Explosives of id
II. Safety Ins	pections:			
		ind access to 75-foot transects area to mark off as unsurveyal		ess from the south due to terrain. concerns.
III. Problems	Encountered / Corrective A	Actions Taken:		
N/A				
l				
IV Additiona	Il Health and Safety Comme	onts.		
		cation and contents of portable	explosives magazines	
	,			
VII. Visitors				
None				
VIII. Approva	l			
			Date: 10/29/20)13
Real	m D. Laul			
1000	ri c cort			
14.0 P.(#98)				

Location of Job (Unit/Location on Project):

Port Angeles Combat Range

ieet	HR	
	Area:	
-	Supervisor of Work:	
	SUXOS Rick St. Amand	

Required PPE:	Wind Direction:	Supervisor of Work:
leather boots	variable	SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation1. Fill out Daily Tailgate/Safety Sign-In.2. Review Daily Tailgate/Safety Sign-In.3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

High ~ 52° Sunny

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 29 Oct 13

SSHO: Byron Cook

Name	Position	Employer	Signature
Rick St. Amanis	SUXOS	ItUR	90H
D. Gordon	Ux0 111	HDR	D. Harbon
Jeff Ruefer	Field Geo	ADR	JETER
C. DUNMIRE	UNOT	HOR	lago
NRound	uro II	HPR	States .
K Huwkins	4XO IL	ADIC	Athin
R. Nerson	UKO II	HOR	1 Alexandre
Jon Jacobson	Geo	HHC	
M. Reece	Tech II	HPR	Am
	1		
	201705		
	Visito	rs	

Updated 4/3/2012



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Schostedt	3104	Mhu	X	
Schostedt	1636	MMM Rouibe	Ľ¥.	
Schostedt	3658			
Schostedt	3105			
Schostedt	3885	D. Kochon		
Schostedt	3887			
White	3894			

Equipment Description	Asset Number	Describe Problem -Malfunction
Sulosiont	KBL	ON-OFFSWITCH BROKEN
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Garmin	3678	O. Youthon	Ø		
Garmin	3679	MMm	×		
Garmin	3680				
Garmin	3682				
Garmin	3798				
Garmin	3685	Roulise	×		

Equipment sent for repairs? Date: Click here to enter a date. Yes No	Equipment Description	Asset Number	Describe Problem -Malfunction			
	Equipment sent for repairs?	Date: Click here to enter a date.	Yes No			



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator		Equipment Working	
Equipment Decomption			Yes	No	
Trimble	3660	Alteration of	1 X		
Trimble	3975				
Trimble	3693	JUFTZ	À		
Trimble	3974	CID	×1		
Trimble	3661				
Camera	3088				
Camera	3083				
Camera	3084 3064 Nikon	Cere	Ř		
Camera	3963	Fet R	4		
CHM GRIZ	10021	Louise	X		

Equipment sent for repairs? Date: Click here to enter a date. Yes	No 🗌

HDR	Project Name: Port Angeles Combat Range					
Centennial, CO 80112	850 E Control Tower Rd Project Location: Port Angeles, WA entennial, CO 80112 Report No.: 010					
Centenniai, CO 80112	Day/Date: 10/30/2013					
	Contract #:W9128F-10-D-0058, Delivery Order 0006					
Personnel on Site/Area of Responsit						
See Attached Site Personnel List	Site Operating Hours: 10					
Activities Conducted: (Include location of work performed including equipment used): Team Lima conducted visual surveys in Technical Approach Area 2 on 75 foot transects, starting on the east side of the area and working south, working around the area containing 35 foot transects. The DGM team collected data immediately behind team Lima.						
Teams India and November conducted assisted visual surveys within Technical Approach Area 3. Team November spent the day in the southwest portion of the area and Team India started transects in the 75 foot transect area (anticipated mortar impact area).						
Munitions and Other Items Found To	oday: (Include location of the items found):None					
Changed Conditions/Delays/Conflicts Encountered: (List any conflicts which have hindered visual surveys and other operations today): Teams are encountering steeply graded terrain and thick undergrowth. Several areas have difficult access resulting in unsurveyable transects.						
Other comments or additional inform Showers began at the end of the work	nation: Weather was mild in the morning then overcast with a high near 50. day.					
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.						
	report is complete and correct. All material, equipment used, and work performed liance with the plans and specifications except as noted above.					
SUXOS	Date: 10/30/2013					
al Hal						

USACE OESS:	TBD		USACE PM:	Mirek Towste	r		
PM:		ry Devries UXOQC		Byron Cook			
SUXOS:	Rick St.A		UXOSO:	Byron Cook			
MC Sampling Lead	N/A		Other:	USACE Munitions Design Center: John M			
				USACE Regional Project Lead: Mark Murphy			
Name		Position		Employer	Hours	Team	
Rick St.Amand		SUXOS		HDR	10		
Byron Cook		UXOQC/SO		HDR	10		
Jon Jacobson		Field Geophysy	cist	HDR	10	DGM	
Matt Reece		UXO Tech III		HDR	10	Lima	
Rob Nelson		UXO Tech II		HDR	10	DGM	
Neil Roulier		UXO Tech III		HDR	10	India	
Kim Hawkins		UXO Tech II		HDR	10	India	
D.A. Gordon		UXO Tech III		HDR	10	November	
Chuck Dunmire		UXO Tech II		HDR	10	November	
Jeff Reuter		Field Tech III		HDR	10	Lima	



		PHOTOGRAPHIC LOG
Photo No.	Date: 10/30/13	
Description: characterizat provided by within Techn Approach Ar	Site tion photo Team India iical	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
4	10/30/13	
Description: surveying the difficult terra Technical Ap 2	rough ain with	<image/>

Date: 10/30/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report # : 010
USACE Safety Specialist: TBD	Project Manager: Larry deVries
SUXOS: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection:

Initial Phase Inspection:

Follow-Up Phase Inspection: Observed DGM Team conduct calibrations; equipment passed and Team began transects. Team Lima continues to lead, performing visual surveys ahead of DGM. Several transects were interrupted with terrain and vegetation impassible for the litter and annotated as non-surveyable. A seed was placed within a transect line as a QA measure, per para. 3.4.6.1 of the work plan.

Additional QC/QA Comments: Observed survey operators test Schonstedts along the Instrument Verification Strip (IVS) Placed a 37mm seed in a transect line for DGM verification, recorded by DGM QC No MPPEH located today

DGM Daily Quality	DGM Activities Today (According to Work Plan)					
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	
Personnel Test	ersonnel Test Yes N/					N/A
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	
Static/Spike	N/A	N/A	N/A	N/A	N/A	
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A
IVS	Yes	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any: QC seed placement, Respond to IVS memo DQCR, review accuracy of DGM positions, litter survey in 75-foot-spacing transects						
make sure they match the stored feature class, data was looked at to determine mileages, data was looked at for appropriate delineation of unsurveyable areas and accuracy. All teams measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. All start of day features were observed by Jeff Rueter and pass all QC requirements.						
Comments for MC Sampling, if any:						
Non-Compliant Items Identified Today Non-Compliant Items Corrected Today					day	
On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.						
Jon Jacobson, Geophysicist II 10/30/2013						
1T						
	1T					
Bryon Cook, UXOQCS						
Bryon Cook, UXOQCS Byron & Carl 10/30/2013						

Project Name:	Port Angeles Combat Range			Report No: 010	
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 10/30/2013	
I. Site Safety	Brief Topics:				
Driving, Perso Concern (UXC	nal Protective Equipment (PPE)/MEC), hydration, field sanitati), slips, trips on/hygiene,	s, and falls, weather, U Exclusion Zone (EZ) (nexploded Ordnance/ Munitions and Explosives of 209 ft/ 43 ft), first aid	
II. Safety Insp	ections:				
Ensured team	s still had adequate field hygier	ne supplies			
III. Problems	Encountered / Corrective Act	ions Taken	:		
N/A					
IV. Additional Health and Safety Comments:					
No additional	comments				
VII. Visitors					
None					
VIII. Approva				Date: 10/30/2013	
Byro	n D. Coul				
1					

Location of Job (Unit/Location on Project Port Angeles Combat Range	ct):	Area:
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

High so" PC/C 20% chance rain

Updated 4/3/2012

HN

Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location Port Angeles Combat Range, WA

H

Date: 30 Oct 13

SSHO: Byron Cook

Name	Position	Employer	Signature
NRouline	UNO TH	HOR	Ros:
Jeff Rvetir	Field Geo	HDR	Feff
CDUNNIEE	uko H	HDR	Cur
M. Recce	UXO III	HOR	MM
D, GORDON	UXO III	HDR	D. Hanhon
Jon Jacobson	Geo	HOR	A\$1
Robert Nelson	UXO #	HOR	No.
Rick St. Amang	SUXOS GX&TE	HAR	alle
Kim Haul Cins	4XOIL	ADR	A with
/ //		~	10.
	Vis	itors	1



PACR RI	
W9128F-10-D-0058	
Larry Devries	
	W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Trimble	3660	Rourise			
Trimble	3975				
Trimble	3693	Jeff Pr	×		
Trimble	3974	" Oat	A		
Trimble	3661				
Camera	3088				
Camera	3083 3945	GM # 1			
Camera	8004 3064	Cler			
Camera	3963	Juff for	X		
Cym sad	1002/	Rourisa	X		

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



PACR RI
W9128F-10-D-0058
Larry Devries

Equipment Description	ription Asset Number Signature of Operator			ipment orking	
			Yes	No	
Schostedt	3104	MMM	A		
Schostedt	1636 BROKSN			R	
Schostedt	3658				
Schostedt	3105	Roumer	×		
Schostedt	3885	D. Hordon	A		
Schostedt	3887				
White	3894				

Equipment Description	Asset Numl	ber	Descri	be Proble	m -Malfu	nction
Equipment sent for repairs?	Date: Click here to enter a	date.	Yes		No	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Garmin	3678	D. Hout	X		
Garmin	3679	D. Joseph M Nur	X		
Garmin	3680				
Garmin	3682				
Garmin	3798				
Garmin	3685	N Rouille	X		

Equipment Description	Asset Number	Describe Problem -Malfunction		
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No		

	Project Name: Port Angeles Combat Range			
12850 E Control Tower Rd				
Centennial, CO 80112	Report No.: 011 Day/Date: 10/31/2013			
	Contract #:W9128F-10-D-0058, Delivery Order 0006			
Personnel on Site/Area of Responsibi				
See Attached Site Personnel List	Site Operating Hours: 10			
Activities Conducted: (Include location of work performed including equipment used): Two teams conducted assisted visual surveys today. Team Lima conducted visual surveys in Technical Approach Area 2 within the area containing 35 foot transects and were followed by the DGM Team. Teams India and November conducted visual surveys in Technical Approach Area 3. Team November spent the day in the far southeast corner and Team India continued transects in the 75 foot transect area (anticipated mortar impact area). Team November found four anomalies. All were non-munitions related metallic debris on the surface. Team India found four subsurface anomalies that were all non-munitions related metallic debris. They found ten surface anomalies that were also non-munitions related metallic debris. QA/QC activities were also conducted as summarized on the Daily Quality Control Report (DQCR).				
Munitions and Other Items Found Too	lay: (Include location of the items found):None			
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered			
visual surveys and other operations toda				
Extremely challenging terrain limited tea				
, , , , , , , , , , , , , , , , , , , ,				
	I the southern portion of the MRS through the State of Washington Department e do not have an approved Right-Of-Entry (ROE).			
Other comments or additional information ended as overcast with a high in the near t	ation: Weather started cloudy and became clear until early afternoon. The day or 50.			
Schedule: Production is currently on pac Contingency plan is in place for additiona	e to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). al personnel if required.			
	eport is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.			
SUXOS	Date: 10/31/2013			
Buch				

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS	Byron Cook	•	
SUXOS:	Rick St.A			Byron Cook		
MC Sampling Lead N/A			Other:	USACE Munit	tions Design Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name Po		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysy	cist	HDR	10	DGM
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	DGM
Neil Roulier		UXO Tech III		HDR	10	India
Kim Hawkins		UXO Tech II		HDR	10	India
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima

	PHOTOGRAPHIC LOG
Date:	
10/31/13	
Survey	
nt found and	
Team Lima	
oach Area 2	<image/>
	PHOTOGRAPHIC LOG
Date:	
10/31/13 Site tion photo rember in ch Area 3	
	10/31/13 Survey It found and Team Lima oach Area 2 Date: 10/31/13 Site tion photo rember in

PHOTOGRAPHIC LOG

Photo No.	Date:	and the second of the second s	
3	10/31/13		CAN CARES
cription:	Non-	STRUCTURE .	
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d steel can	s located by		
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pproach Ar	ea 3		6 - Man
			- Aller
			and the second
		State Cart	
		and the states	

Date: 10/31/2013 HDR EOC			ect Name: Por	•	•	ar 0006
12850 E Control Tower Rd Centennial, CO 80112			Contract #: W9128F-10-D-0058, Delivery Order 0006 Report #: 011			
USACE Safety Specialist: Webster Keller			Project Manager: Larry deVries			
SUXOS: Rick St. Amand		UXO	QCS: Byron C	ook		
UXOSO: Byron Cook			ect Geophysic		bson. Geophy	sicist III
MC Sampling Lead: N/A			tional Team N			
LIST DEFINABL	E FEATURES				NTS .	
Preparatory Phase Inspection:						
Initial Phase Inspection:						
Follow-Up Phase Inspection: Observe	d Assisted Vi	sual Search T	eam India			
Team consisted of two UXO qualified	•					
Team used Trimble GeoXH to navigat		i, and record if	ems of interes	t		
Team used a Schonstedt to locate and						
Team followed proper procedures whi		-				
Additional QC/QA Comments: Observ No MPPEH located today	ed Schonster	It operators sv	veep the test s	trip to determi	ne proper fun	ctioning
DGM Daily Quality		DGM Acti	vities Today (According to \	Nork Plan)	
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A
IVS	Yes	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any: survey in 35-foot spaced transects.	QC seed place	cement. Resp	onding to requ	lest for comm	ents for IVS m	emo. Litter
Comments for Visual Survey Activitie	es: All visual s	urvey data wa	s QC'd and loo	oks good; pict	ures were che	cked to
make sure they match the stored feature				•		
accuracy. All teams measured the Schr	•		•			/ and
duplicate results. All start of day feature	es were observ	ved by Jeff Ru	eter and pass	all QC require	ements.	
Comments for MC Sampling, if any:						
Non-Compliant Items Identified Today Non-Compliant Items Corrected Today						
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.						
Jon Jacobson, Geophysicist II						
Contraction of the second second						
- Set						
10/31/2013						
1T						
			1T			
Bryon Cook UVOOCS						
Bryon Cook, UXOQCS						
Byron D. Carl		4010 **	0040			
V		10/31/	2013			

Project Name:	Port Angeles Combat Rang	е		Report No: 011
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 10/31/2013
I. Site Safety	Brief Topics:			
Driving, Perso	•	PE), slips, trip: ation/hygiene,	s, and falls, weather, U Exclusion Zone (EZ) (Inexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	pections:			
Observed Tea	am India's anomaly investigati	on procedure	s; no deficiencies notic	ced
III. Problems	Encountered / Corrective A	ctions Taker	1:	
N/A				
IV Additiona	Lucalth and Safaty Commo	nte		
TV. AUUIIIOIIa	I Health and Safety Comme	1115.		
No additional	comments			
VII. Visitors				
None				
VIII. Approva				Date: 10/31/2013
Byro	n D. Carl			
V				

Location of Job (Unit/Location on Project): Port Angeles Combat Range		Area:
Required PPE:	Wind Direction:	Supervisor of Work:
leather boots	variable	SUXOS Rick St. Amand
gloves eye protection	Evacuation Route:	Safety Brief Prepared By:
weather & work appropriate clothing	toward the assembly point	UXOSO/QCS Byron Cook
Team Pre-Job Preparation1. Fill out Daily Tailgate/Safety Sign-In.2. Review Daily Tailgate/Safety Sign-In.3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012

HN

Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location Port Angeles Combat Range, WA

HDR

Date: 10/31 /2013

SSHO: Byron Cook

Name	Position	Employer	Signature
M. Reece	V.XO IF	HDR	Mar
JEF Rueter	Field Geo	HPR	FIF RT .
K.m. Wankins	FilleyxoII	XPR	Kingek
COUNMIRE	RECH IT	HDR	Clos
17. GORDON	TECH III	HDR	D. Honlor
RNelson	UXOIT	HOR	- ANT
Rick St. Amazo	UXOIT Geo ZUNOB	HDR	S.S.
Kick St. Amman	JUNOB	IDR	OF
		-	
		1	
	Visitor	s	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Work	
			Yes	No
Garmin	3678	D. Horalm	×	
Garmin	3679	Miler	这	
Garmin	3680			
Garmin	3682			
Garmin	3798	r t		
Garmin	3685	ik taki	X	
		1		

Equipment Description	n Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date	Ves No
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Schostedt	3104	MW	I III		
Schostedt	1636				
Schostedt	3658				
Schostedt	3105	Kjf	Ø		
Schostedt	3885	D. Howlon	X		
Schostedt	3887				
White	3894				

Equipment sent for repairs? Date: Click here to enter a date. Yes No



Project Name:	PACR RI		
Date:			
Contract/Delivery Order:	W9128F-10-D-0058 Larry Devries		
Project Manager			

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Trimble	3660	Kitchi	×		
Trimble	3975				
Trimble	3693	Jeff Pr	X		
Trimble	3974	Jeff Fr Cerro	2		
Trimble	3661				
Camera	3088				
Camera	3083				
Camera	3084 3964	Clip	×.		
Camera	3963	Juff hr	X		
	1004	Kouliok	A		

Equipment Descriptior	n Asset Number	Describe Problem -Malfunction			
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No			

HDR 12950 F. Control Towar Dd	Project Name: Port Angeles Combat Range					
2850 E Control Tower RdProject Location: Port Angeles, WACentennial, CO 80112Report No.: 012						
Day/Date: 11/1/2013						
Contract #:W9128F-10-D-0058, Delivery Order 0006						
Personnel on Site/Area of Responsibility/Daily Site Operating Hours:						
See Attached Site Personnel List	Site Operating Hours: 10					
Activities Conducted: (Include location of work performed including equipment used): Three teams conducted assisted visual surveys today. Team Lima conducted visual surveys in Technical Approach Area 2 within the 75 foot transects and were followed by the DGM Team. Team India and November conducted visual surveys in Technical Approach Area 3. Team November spent the day in the far southeast corner and Team India continued transects in the 75 foot transect area (likely impact area). Team November found three surface anomalies. All were non munitions related debris on the surface. Team India found four subsurface surface anomalies that were all non munitions related debris. QA/QC activities were also conducted as summarized on the Daily Quality Control Report (DQCR).						
Munitions and Other Items Found Tod	ay: (Include location of the items found):None					
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered					
visual surveys and other operations toda						
Team November inadvertently accessed the southern portion of the MRS through the State of Washington Department of Natural Resources parcel for which we do not have an approved Right-Of-Entry (ROE). Access to the southern portion of the MRS will not occur through parcels that we do not have an ROE for.						
Other comments or additional information: Weather was cloudy in the morning then sunny and becoming overcast with a high in the low 50's.						
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.						
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.						
SUXOS Date: 11/1/2013						
Ruch						

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:		Larry Devries UXOQCS:		Byron Cook		
SUXOS:	Rick St.Amand UXOSO:		Byron Cook			
MC Sampling Lead N/A			Other:	USACE Munit	tions Design Ce	nter: John Miller
				USACE Regional Project Lead: Mark Murphy		
Name		Positi	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	9	
Byron Cook		UXOQC/SO		HDR	9	
Jon Jacobson		Field Geophysy	cist	HDR	9	DGM
Matt Reece		UXO Tech III		HDR	9	Lima
Rob Nelson		UXO Tech II		HDR	9	DGM
Neil Roulier		UXO Tech III		HDR	9	India
Kim Hawkins		UXO Tech II		HDR	9	India
D.A. Gordon		UXO Tech III		HDR	9	November
Chuck Dunmire		UXO Tech II		HDR	9	November
Jeff Reuter		Field Tech III		HDR	9	Lima


PHOTOGRAPHIC LOG

Photo No.	Date:
3	11/01/13

Description: An unsurveyable point documented by Team November in Technical Approach Area 3



Date: 11/1/2013 HDR EOC			Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006			
12850 E Control Tower Rd Centennial, CO 80112		Repo	Report # : 012			
USACE Safety Specialist: Webster Keller		Proje	ect Manager: I	_arry deVries		
SUXOS: Rick St. Amand		UXO	QCS: Byron C	ook		
UXOSO: Byron Cook		Proje	ect Geophysic	sist: Jon Jaco	bson, Geophy	sicist III
MC Sampling Lead: N/A			tional Team N			
LIST DEFINABL	E FEATURES				NTS	
	Preparatory Phase Inspection:					
Initial Phase Inspection:						
Follow-Up Phase Inspection:						
Additional QC/QA Comments: Observed Checked daily inventory sheet to verify a Schonstedt and new cameras Observed vehicle safety inspection, field Inspected magazines with SUXOS; no e Conducted key inventory; assigned keys No MPPEH located today	equipment goi d equipment ir evidence of tar	ng into the fiel iventory, safet mpering, maga	ld was signed y equipment ir azines are sec	for; updated ir nspection/inve ure	nventory to ref	-
DGM Daily Quality		DGM Activ	vities Today (According to \	Nork Plan)	
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A
IVS	Yes	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any:	QC seed place	cement. Litter	survey in 75-f	oot spaced tra	ansects.	
Comments for Visual Survey Activitie make sure they match the stored feature accuracy and quality. All teams measur and duplicate results. All start of day feature Comments for MC Sampling, if any:	e class, data v ed the Schrei	vas looked at t ner control poi	to determine m int at the start	nileages, and o of the day to e	data was looke ensure positior	ed for overall
Non-Compliant Items Identif	iad Today		Non-Com	nliant Itoms (Corrected To	dav
	leu Touay		Non-Com			uay
On behalf of the contractor, I certify that work performed during this reporting per unless otherwise noted in this report.						
Jon Jacobson, Geophysicist II						
11/1/2013						
1T						
			1T			
Bryon Cook, UXOQCS						
Dyron a Carl	Bryon Cook, UXOQCS Byron & Carl 11/1/2013					

Project Name:	Port Angeles Combat Range	è.		Report No: 012
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/1/2013
I. Site Safety	Brief Topics:			
	nal Protective Equipment (PP)/MEC), hydration, field sanita			nexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	ections:			
Observed veh	icle inspections; ensured fire e	extinguishers	were inspected and in	itialed, first aid kits inspected for seal
III. Problems	Encountered / Corrective Ad	ctions Taken	:	
N/A				
IV. Additional	Health and Safety Commer	nts:		
tampered wit	and SUXOS inspected magaz h. Key inventory was conduct			s are still intact, no signs magazines have been ossession.
VII. Visitors				
None				
VIII. Approval				
				Date: 11/1/2013
Byton	n D. Coul			

T	Y	N	
-	-		1
		1.	11

Location of Job (Unit/Location on Project Port Angeles Combat Range	ct):	Area:
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 11/1/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
M. Verce	his II	HOR	Man
D. Gordon Jon Jacobson	UXO TIT	HOR	D. Jondon
Jon Jacobson	Greo	HDR	TAL.
KIM HUVERS	uxo II	44PR	the
Jeff Zveter	600	HDR	JEFF
CDUNMIRE	UXO I	HOR	Cluto
Blelson	UXO IF SUXOS	HOR	Bink)/
Kot-AmAno		TELK	A A A A A A A A A A A A A A A A A A A
Kourin	U-XUIT	HUIC	- mas
	Viel	tors	
	VISI		



PACR RI	
11/1/2013	
W9128F-10-D-0058	
Larry Devries	
	11/1/2013 W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment Description	ASSOCIATION	11 1	Yes	No
Trimble	3660	fitek:	X	
Trimble	3975	71		
Trimble	3693	Full R	X	
Trimble	3974	and	X	
Trimble	3661			
Camera	3088 30 90 20 30 90 100 4	Kotok	X	
Camera	3083			
Camera	3084 3964	Clib	X	
Camera	3963	Juf Pr	X	

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



Project Name:	PACR RI	
Date:	////2013 W9128F-10-D-0058	
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equip Work	
Equipment Description	Hoode Hambon	3	Yes	No
Garmin	3678	D. Boula		
Garmin	3679	D. youhn Mill	Ŕ	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Alake	Ø	

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



HR ONE COMPANY Many Solutions®

Daily Equipment Log **Revision 1.0**

Project Name:	PACR RI	
Date:	<u>11/1/20/3</u> W9128F-10-D-0058	
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working			
Equipment Description	About Humbon		Yes	No		
Schostedt	3104	Mun	⊅			
Schostedt	1636					
Schostedt	3658					
Schostedt	3105	Romin	X			
Schostedt	3885	D. Jonhon	X			
Schostedt	3887	11				
White	3894					

Equipment sent for repairs? Date: Click here to enter a date. Yes No	Equipment Description	Asset Number	Describe Problem -Malfunction
	Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



Site Name/Location: PA	B														
Site Supervisor: St Am A	nd					Ve	hicle:	Make	012 C	odge icense	Ram Plate N	7 25	00	x - a	703-
	3		Milea	age: ,	151	12	1								ick Re
And a state of the second	IN	lond	ay	Т	uesd	ay	W	ednes	day	TI	hursd	ay	12 mm	Friday	Y
Item Description	Yes	Pase	S N/A	Yes	Pass	N/A	Yes	Pass	N/A	Yes	Pass	N/A	Yes	Pass	
Registration and License Plate	V									K			X		
Insurance	Im	Π									In	Π	17	In	IT
Emergency Route Map/Phone #s	IT	Ī	Π	IT							In	n		Th	In
2 Tires:	T		1)			T			T					
Pressure	TÍ										Π			П	Π
Condition	Th	Ē	T		Ē		n	Π			Th	Ē	n	Th	T
3 Equipment:	1			-			1			T					
Fire Extinguishers	Th									(h)	Π		m		
First Aid/CPR/Burn Kits	TT	П		IT			IT				Π	Π		IT	П
Blood Borne Pathogen Kit	IT	ī	TT	ITT	П	Π		10			Th	n	T	ITT	П
Eyewash Kits	IT	Π									Ī	Π		T	T
Spare Tire	ITT	П	IT	IT	Π	Π	Π	Π		T	In	П	T	П	T
Tire Changing Equipment	Th	Ī	IT								Π	Π	171	TT	n
Tie Downs*	ITT	F	T	IT	Ē	Π	T	T	T	m	In	Ē	n	H	
Chocks*	Th	Ē	h	IT	Ē	Π	m	IT	T		In	T	H	HH	H
Placards*	Th	F	T	T	T	Π	m	IT	In	T	In	Ē	Π	IF	Ē
Other:	TH	H	TH	in	Ē	Π	in	In	In	П	In	F	R	HH	HH
Other:	H	H	H	Ħ	H	n	T	h	H	T	H	H	m	H	H
4. Brakes	14			10							10				
Hand/Emergency	M			IN	П	Π	IN			A			X		
Service	H	H	H	Th	H	H	17	T	H	H	HH	H	17	H	H
5. Belts	14			4				10					4		
Proper Tension	T			IT			I m	Π			П		h		
Condition	H	H	H	H	H	H	H	H	H	H	HH	H	H	H	H
6. General:	14			14			4			4	10		4		
Windshield	T			T						n			rft-		
Windshield Wipers	H	H	H	H	H	F	H	H		H		H	H	H	H
Windows (Condition/Operation)	H	H	H	H	H	H	H H	H			H			H	H
		H	H	H	H	H	H	H		H	HH		H	1	
Seat Belts	HH	H	HH	H	H	H	H	H		H		H	H	1-1-1-	
Steering	H	H	HH	H	H	H	H	H		H	HH		H	1	
Horn	怡	H		H	H	H	H	H	H	H	H		H		
Gas Cap	H	H	H	H	H	H		H					H	H	
Mirrors	-	H	H		+	H	H	H		H		H			
Door/Window Handles/Latches		H		H	H	H		H		H	+++		4		-14-1
Cleanliness					H	H	H	H		-			4	H	
Exhaust System	14			14			4			L P			4		
7. Lights:	TH			r ch						m		-	-		
Headlights (High/Low)			+++	1				H		Ц			4	H	
Brake Lights		H			H	H						4	4	H	
Parking	14	H	H		H	H		H			14	H	Ц	Ц	4
Back-up	14	H	H	14	H			H				H	4		
Turn Signals	H	H	H		H	4	4	H				4	4	Ц	
Emergency Flashers															

11

Interior Lights



Site Name/Location: PACR

Site Supervisor:

Vehicle: Project Renta 1#2 / Project #206945

Date Inspected: _____

Mileage:

Owner: (Rental, SKY, Contract)

	Monday		Tuesday			Wednesday			Thursday			Friday			
Item Description		Pass	5		Pass	8		Pass	1	Pass				Pass	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Registration and License Plate	10			V			Ø			Ø			D		
Insurance				0			11								
Emergency Route Map/Phone #s	D			1						P					
2 Tires:					_					-	1				
Pressure				4	Ц		1			2			D		
Condition				M			14								
3 Equipment:	-	-	-	-		_	_					1	Garden carriera		
Fire Extinguishers	M		Ц	14	Ц		1			9			2		
First Aid/CPR/Burn Kits	V				Ц										
Blood Borne Pathogen Kit						1						2			P
Eyewash Kits	V			1			1			1					
Spare Tire	1		Ц	4			Ø			1			Z,		
Tire Changing Equipment							4						Ø		
Tie Downs*															
Chocks*															
Placards*															
Other:															
Other:															Π
4. Brakes				11-00				1							-
Hand/Emergency	\square						V.			9			9	Π	
Service	\square						N						Ø		n
5. Belts							/								
Proper Tension	Ø					P	0						B		
Condition	0			2			2						Ø		n
6. General:	1					-	1	_							-
Windshield	\Box			0			Q			. 9			R	Π	
Windshield Wipers	D						D			Ø			P	n	H
Windows (Condition/Operation)	D,			Ø			4			Z		T	R	FI	H
Seat Belts	P			2			2			2/		n	M	H	H
Steering	M			0			Z			1	n	ħ	7	H	H
Horn	9			D.			Ø			N.	Π	n	A	n l	H
Gas Cap	1			2			V			Ø	FI	H	P	H	H
Mirrors	A			1			2			D	FI	nt	T	H	H
Door/Window Handles/Latches	D			1			Z.			P	F	Ħ	A	H	H
Cleanliness	M			1			Ø			M	F	H	A	H	H
Exhaust System	DI			1	n		N		TI	বি	H	H	A	H	
7. Lights:		-		Lange I									6		
Headlights (High/Low)	M	П		M	П	ПТ	M	Π		11	TT	m	PT	ПТ	
Brake Lights	M	h	FI	n	Ħ†	H	D.		H	1	+++	H	n.	++	
Parking	M	H	FI	7	Ħt	H	M	H	H	T	H		T		
Back-up	A	H	H	M	H	H	M	H	H	R	H	++	1	H	H
Turn Signals	N	H	H	7	H	H	A	H	H	A	++	++	H	++	
Emergency Flashers	A	H	H	A	H	H	R	H	H	R	++	+++		4+	41
Interior Lights	M	H	H	X	H	HI	M	H	H	H	+++	#		++	11
	Ľ									Ľ			1		



Site Name/Location: PACR

Site Supervisor: STAMAND

Vehicle: Project Rental -#2/Project#206945

Date Inspected: 2NOU13

Mileage:

	Monday Tuesday				Wednesday			Thursday			Friday				
Item Description		Pass	5		Pass		12.00	Pass			Pass		Pass		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Registration and License Plate										Ē					
Insurance															
Emergency Route Map/Phone #s	C														Π
2 Tires:		1				1000									
Pressure															
Condition	D												T	1 1	n
3 Equipment:									1.1.1						
Fire Extinguishers							E								
First Aid/CPR/Burn Kits										D			Ē	Ē	Ē
Blood Borne Pathogen Kit										D			m	Ē	T
Eyewash Kits										D			T	Ē	Ē
Spare Tire													Ē	Ē	Ē
Tire Changing Equipment	T						TT T				n	n	m	n	Ħ
Tie Downs*	m										Π	Π	Ē	F	n
Chocks*	Ē	Π								Π	Ī		Ē	H	H
Placards*		Π				Π				Π	n	Ē	T	F	H
Other:	ī	Π				Π				Π	Ī			H	H
Other:	\square							Π			T	n	Π	H	H
4. Brakes					_	-									
Hand/Emergency		Π	П				Π			Π	Π	D	11		
Service	T	Π	Ī	IT	n	Ē	m	n	In	T	П	H	T	H	H
5. Belts															
Proper Tension															
Condition	T	Π		T			T			T	T	T	T	n	- Fil
6. General:															
Windshield		Π			Π			П					Ū		
Windshield Wipers	T	T		T	Π	Ē	T	Π	In	m	T	F	Ť	H	H
Windows (Condition/Operation)	T	Π		m	Π	Π	T	Π	n	T	Ē	n	T	H	H
Seat Belts	T	T	Ē	T	n	Ē	T	Π	T	T	h	H	T	H	H
Steering	T	Π	Ē	T	Ē	Ē	T	n	Ē	T	H	H	T	H	
Horn	Th	П		T	Ē	Ē		T	T	Ē	h	H	m	H	H
Gas Cap	Th	Ē	Ē	T	Π	Ē	Π	Π		T	Ē	H	T	H	H
Mirrors	T	Π	Π	ħ	Π	n	T	Π	n	T	n	H	T	H	H
Door/Window Handles/Latches	Th	ħ	Ē	T	Ē	n	T	Π	n	m	H	H	Ť	-11	-11
Cleanliness		Ħ		ħ	Π	T	Th	Ē	FI	Ū	F	H	Ť	-11	
Exhaust System	Ħ	Ħ	F		Ē	T		Π	H	đ	H	H	Ħ		
7. Lights:		-		4											
Headlights (High/Low)		Π						Π		ū	П	П			
Brake Lights	m	Ħ	F	m	F	H	Ť	H	H	đ	H	H	H		H
Parking	H	Ħ	H	T	H	H	Ť	H	H	đ	H	1	Ħ	H	H
Back-up	H	F	H	H	H	H	Ť	П	H	đ	H	H	Ħ	++	
Turn Signals	Ħ	H	H	Ħ	H	П	Ť	Ħ	H	Ħ		11	H	++	
Emergency Flashers	Ħ	H	H	Ħ	H	H	T	П	H	H		H	ħ	++	
Interior Lights	Ħ	H	H	Ħ	H	H	H	H		Ħ		+++	H	++	41
										<u> </u>					

HDR	Project Name: Port Angeles Combat Range								
12850 E Control Tower Rd	Project Location: Port Angeles, WA								
Centennial, CO 80112	Report No.: 013 Day/Date: 11/4/2013								
	Contract #:W9128F-10-D-0058, Delivery Order 0006								
Personnel on Site/Area of Responsibi									
See Attached Site Personnel List	Site Operating Hours: 10								
Activities Conducted: (Include location of work performed including equipment used): Two teams conducted assisted visual surveys today. Team Lima conducted visual surveys in Tech Approach Area 2 on 35 and 75 foot transects and was followed by the DGM Team. Teams India and November conducted visual surveys in Tech Approach Area 3. Team November spent the day in the far west on 150-foot spaced transects and Team India continued transects in the 75 foot transect area. Team November found three anomalies. All were non munitions related debris on the surface. Team India found seven surface anomalies that were all non munitions related debris.									
QA/QC activities were also conducted as	summarized on the Daily Quality Control Report (DQCR).								
Munitions and Other Items Found Tod	ay: (Include location of the items found):None								
Changed Conditions/Delays/Conflicts Encountered: (List any conflicts which have hindered visual surveys and other operations today):									
Other comments or additional information overcast with a high in the upper 40's.	tion: Weather was cool with frost in the morning then sunny and becoming								
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.									
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.									
SUXOS	Date: 11/4/2013								
RAL									

USACE OESS:	Webster K	eller	USACE PM:	Mirek Towste	r	
PM:	Larry Devr		UXOQCS:	Byron Cook	-	
SUXOS:	Rick St.An		UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Muni	tions Desian Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Positi	on	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysic	ist	HDR	10	DGM
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	DGM
Neil Roulier		UXO Tech III		HDR	10	India
Kim Hawkins		UXO Tech II		HDR	10	India
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima



Photo No. Date: 3 11/04/13 Description: R usurveyable transect in tech Approach Area 3 by team India.

Date: 11/4/2013 Project Name: Port Angeles Combat Range									
HDR EOC		Cont	ract #: W9128	3F-10-D-0058,	Delivery Orde	er 0006			
12850 E Control Tower Rd Centennial, CO 80112		Repo	ort #: 013						
USACE Safety Specialist: Webster Ke	ller	Proje	Project Manager: Larry deVries						
SUXOS: Rick St. Amand	UXO	QCS: Byron C	Cook						
UXOSO: Byron Cook		Proje	Project Geophysicist: Jon Jacobson, Geophysicist III						
MC Sampling Lead: N/A		Addi	tional Team I	Members:					
LIST DEFINABL	E FEATURES	OF WORK A	ND INSPECT		NTS				
LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS Preparatory Phase Inspection:									
Initial Phase Inspection:									
Follow-Up Phase Inspection: Observe	ed Visual Surv	ev and DGM							
Teams followed pre-planned transects	s loaded into T	•	1						
Teams annotated unsurveyable areas									
Additional QC/QA Comments: Observ		•		•	ne proper fun	ctioning			
Checked daily inventory sheet to verify	• • •	-	-						
OESS arrived on-site; was shown maga No MPPEH located today	izines, overvie	ew of site, walk	ked Area 2 w/	Team Lima an	d DGM				
DGM Daily Quality		DGM Activ	vities Today	(According to \	Vork Plan)				
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2			
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A			
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A			
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A			
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A			
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A			
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A			
IVS	Yes	N/A	N/A	N/A	N/A	N/A			
Comments for DGM Activities, if any: spaced transects. Recon of steep and d			EM61 litter tr	ansects in 35-	foot spaced ar	nd 75-foot			
Comments for Visual Survey Activitie		•		• ·					
make sure they match the stored feature accuracy and quality. All teams measur				•					
and duplicate results. All start of day fea				•	•	iai accuracy			
Comments for MC Sampling, if any:		j			1				
	ie d Te deu		New Com			-le			
Non-Compliant Items Identif	ied Today		Non-Com	pliant Items (uay			
On behalf of the contractor, I certify that work performed during this reporting per									
unless otherwise noted in this report.									
Jon Jacobson, Geophysicist II									
A A									
and the second second second		11/4/2	013						
1T									
			1T						
Bryon Cook, UXOQCS									
Byron D. Carl									
Dyron a Carl		11/4/2	013						
4. (50)		11/7/2	010						

Project Name:	Port Angeles Combat Range			Report No: 013	
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/4/2013	
I. Site Safety	Brief Topics:				
	nal Protective Equipment (PPE //MEC), hydration, field sanitati			nexploded Ordnance/ Munitions and Exp (209 ft/ 43 ft), first aid	losives of
II. Safety Insp	ections:				
Observed Tea	ms Lima and DGM; teams wor	e proper PP	E for tasks being perfo	ormed	
III. Problems	Encountered / Corrective Act	ions Taken	:		
N/A					
	Health and Safety Comment				
	was shown/ inspected magazi	nes, observ	ed Visual Survey and	DGM operations in Area 2	
VII. Visitors					
None					
VIII. Approval					
				Date: 11/4/2013	
Byron	y D. Coul				

Location of Job (Unit/Location on Project Port Angeles Combat Range	ct):	Area:
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012

HOR



Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location Port Angeles Combat Range, WA

Date: 4 Nov 13

SSHO: Byron Cook

Name	Position	Employer	/ Signature
St. AMAND	SUXOS UXO II Geo	HEDR	NH -
RNelson	UXO I	HDR	K.
Riverson Ju Jacobion	600	HOR	AT
M. Rome Jeff Rueter	UX0 II	HOR	MM
Jeff Ruefer	600	HDR	the
Raum	u vo II	HOR	Reci
CDUNMIRE	UXO II	HPR	alp
D. Gordony	UXO TIT	HDR	ty Hordon
N Mur G.a.s	UN T	PADE	the the land
WEBB KENNY		USACE	Mull & alle
	-		
			1
	Visit	ors	





Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Garmin	3678	Q. Monton		
Garmin	3679	D. Yoshon Mille	X	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Rancion	R.	

Equipment Description	n Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Trimble	3660	Rourion	X	
Trimble	3975			
Trimble	3693	JUFR	X	
Trimble	3974	COID	Ø	
Trimble	3661			
Camera	3090			
Camera	3964	Cen		
Camera	10021	Rowion	X	
Camera	3963	Feflin	X	

Equipment Description	Asset Num	iber D	escribe Probl	em -Malfur	oction
Equipment sent for repairs?	Date: Click here to enter a	a date. Ye	es 🗌	No	



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	
and the second		

Equipment Description	Asset Number	Signature of Operator	Equip: Work	
			Yes	No
Schonstedt	3104	Mu	X	
Schonstedt	1636			
Schonstedt	3658			
Schonstedt	3105	Rourin D. Minhon	A	
Schonstedt	3885	Q. Montern -		
Schonstedt	3887			
White	3894			

Equipment Description	n Asset Number	Describe Problem -Malfunction
Schonstedt	1636	On/Off switch broken
Equipment sent for repairs?	Date: Click here to enter a date.	Yes 🗋 No 🛛
Adequate equipment on-sit		

HDR	Project Name: Port Angeles Combat Range
12850 E Control Tower Rd	Project Location: Port Angeles, WA
Centennial, CO 80112	Report No.: 014
	Day/Date: 11/5/2013
	Contract #:W9128F-10-D-0058, Delivery Order 0006
Personnel on Site/Area of Responsit	ility/Daily Site Operating Hours:
See Attached Site Personnel List	Site Operating Hours: 10
visual surveys today. Team Lima condu followed by the DGM Team. Teams Ind November spent the day in the far west November found three surface anomali	n of work performed including equipment used): Two teams conducted assisted cted visual surveys in Tech Approach Area 2 on 75 foot transect and were ia and November conducted visual surveys in Tech Approach Area 3. Team and Team India continued transects in the 75 foot transect area. Team es. All were non munitions related debris on the surface. Team India found surface anomalies that were all non munitions related debris.
QA/QC activities were also conducted a	s summarized on the Daily Quality Control Report (DQCR).
Munitions and Other Items Found To	day: (Include location of the items found):None
visual surveys and other operations tod As yet satisfactory access has not been dangerous to cross.	Encountered: (List any conflicts which have hindered ay): The AVS teams continue to look for access to the south central range area. located. Unsurveyable areas identified by LIDAR tend to be steep and
Other comments or additional inform overcast with a high in the low 50's.	ation: Weather was cloudy with fog in the morning then sunny and becoming
Contingency plan is in place for addition	
	eport is complete and correct. All material, equipment used, and work performed iance with the plans and specifications except as noted above.
SUXOS	Date: 11/5/2013
RHAR	

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS:	Byron Cook	•	
SUXOS:	Rick St.A		UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Munit	tions Design Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysy	cist	HDR	10	DGM
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	DGM
Neil Roulier		UXO Tech III		HDR	10	India
Kim Hawkins		UXO Tech II		HDR	10	India
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima
						1

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/05/13	
Description	Team Lima	
n an unsurve		
showing the		
vegetation in	Tech	
Approach Ar	ea 2.	
		PHOTOGRAPHIC LOG
Photo No.	Date:	PHOTOGRAPHIC LOG
Photo No. 2	Date: 11/05/13	PHOTOGRAPHIC LOG
	11/05/13	PHOTOGRAPHIC LOG
2 Description: November is	11/05/13 Team showing an	Definition of the second secon
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	Definition of the second secon
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header></section-header>
2 Description: November is	11/05/13 Team showing an e area in	<section-header></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header><image/></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header><image/></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header><image/></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header></section-header>
2 Description: November is Insurveyable	11/05/13 Team showing an e area in	<section-header><image/></section-header>
2 Description: November is unsurveyable	11/05/13 Team showing an e area in	<section-header><image/></section-header>

		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	11/05/13	
Description: showing a	Team India	
marsh/wetland		
Tech Approac	ch Area 3.	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
4	11/05/13	A BALLAN CERT
Description: [
pushing throu	gh	
undergrowth i Approach Are	n Tech a 2.	

Date: 11/5/2013 HDR EOC		•	ect Name: Por ract #: W9128	•	•	er 0006
12850 E Control Tower Rd Centennial, CO 80112			Contract #: W9128F-10-D-0058, Delivery Order 0006 Report #: 014			
USACE Safety Specialist: Webster Keller			ect Manager: I	_arry deVries		
SUXOS: Rick St. Amand		UXO	QCS: Byron C	ook		
UXOSO: Byron Cook	Proje	ect Geophysic	ist: Jon Jaco	bson, Geophy	sicist III	
MC Sampling Lead: N/A Additional Team Members:						
LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS						
Preparatory Phase Inspection:						
Initial Phase Inspection:						
Follow-Up Phase Inspection:						
Additional QC/QA Comments: Installed a second analog test strip near the western entrance to the MRS; test strip was approved by OESS and USACE PM. The test strip is comprised of two inert 37mm buried horizontally at .5ft and 1ft. This allows a team to start its day by testing its Schonstedt prior to transects, rather than starting at the IVS and then being transported to the west side. Observed Team November test its Schonstedt and perform start of day with its Trimble. OESS performed QA checklist; results will be forwarded later No MPPEH located today						
DGM Daily Quality		DGM Acti	vities Today (According to V	Nork Plan)	
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A
IVS	Yes	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any:	•					
Comments for Visual Survey Activitie make sure they match the stored feature accuracy and quality. Two teams meas accuracy and duplicate results. All start	e class, data v ured the Schr	vas looked at einer control p	to determine m oint at the star	nileages, and t of the day to	data was look o ensure positi	ed for overall onal
Comments for MC Sampling, if any:						
Non-Compliant Items Identified Today Non-Compliant Items Corrected Today						
On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.						
Jon Jacobson, Geophysicist II						
22		11/5/2	013			
1T						
			1T			
Bryon Cook, UXOQCS						
Byron D. Carl		11/5/2	013			

Project Name	e: Port Angeles Combat Ran	ge	Report No: 014
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 11/5/2013
I. Site Safety	Brief Topics:		
		PPE), slips, trips, and falls, weather, itation/hygiene, Exclusion Zone (EZ	Unexploded Ordnance/ Munitions and Explosives of) (209 ft/ 43 ft), first aid.
II. Safety Ins	pections:		
			quipment. All necessary fire extinguishers are present evacuation maps and contact numbers are present in
III. Problems	Encountered / Corrective	Actions Taken:	
N/A			
IV. Additiona	al Health and Safety Comm	ents:	
OESS recom	mends providing personal ey	ve wash for teams operating remote	ly from vehicles
VII. Visitors			
None			
VIII. Approva	al		
Byro	m D. loul		Date: 11/5/2013

Daily Safety Brief and	h	X	
Location of Job (Unit/Location on Project Port Angeles Combat Range	Area:		
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand	
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook	
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes	

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

High 248° 30% ram after 1300

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location Port Angeles Combat Range, WA

Date: 11/5/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
Kimplunkins	UXOI	HOR	Jahr
M. Leuce	UXO CH	ITUK	Matte
CDUNMILE	UXO I	FIDR	Quer,
D. Gordon	Geo III	HUR	D. Douto
Jeff Rueter	600	HDR	Jels Fr
Jon Jacobson	Geo	HOR	1 AN
Robert Nelson	UXOIL	HDOR	07HD
KICK St- Amons	BUYDS	HOR	A total
Grebsturike Man	11000-	USACE	Weller Thether
Kourisa	the sector	HOIL	1 Keis
	Vis	itors	



Equipment Description Asset Number		Signature of Operator	Equip: Work	ment ting
- · · · · ·			Yes	No
Trimble	3660	14 di		
Trimble	3975	1.17		
Trimble	3693	Just h	×	
Trimble	3974	Ciro	×.	
Trimble	3661			
Camera	3090			
Camera	3964	Cletz	×	
Camera	3963	Fift h	X	

Equipment sent for repairs? Date: Click here to enter a date. Yes No	Equipment Descriptior	n	Asset Number	Descri	be Proble	em -Malfun	oction
	Equipment sent for repairs?	Date:	Click here to enter a date.	Yes		No	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipr Work	ing	
Equipment Description	Asset Number		Yes	No	
Garmin	3678	D Vonhor			
Garmin	3679	D. Joshon Mill	Ą		
Garmin	3680	,			
Garmin	3682				
Garmin	3798				
Garmin	3685	KAR	¥		

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No



Project Name:	PACR RI
Date:	a fact data with the second second
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment Description			Yes	No
Schonstedt	3104	Mar	↓ ↓	
Schonstedt	1636			\boxtimes
Schonstedt	3658			
Schonstedt	3105	Kapet.	×	
Schonstedt	3885	D Grahon	K	
Schonstedt	3887			
White	3894			

Equipment Description Schonstedt	Describe Problem -Malfunction On/Off switch broken	
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No 🛛
Adequate equipment on-sit	e	

h				
HDR		Port Angeles Combat Range		
12850 E Control Tower Rd		n: Port Angeles, WA		
Centennial, CO 80112	Report No.: 015			
	Day/Date: 11/6/2			
Personnel on Site/Area of Responsibil		28F-10-D-0058, Delivery Order 0006		
reisonnei on SiterArea of Responsibil	ity/Daily Site Ope			
See Attached Site Personnel List	Site Oper	ating Hours: 10		
Activities Conducted: (Include location of work performed including equipment used): Two teams conducted assisted visual surveys today. Team Lima conducted visual surveys in Tech Approach Area 2 on the remaining 35 foot transects at the southern edge of the open field and were followed by the DGM Team. Teams India and November conducted visual surveys in Tech Approach Area 3. Team November spent the day in the south west and Team India continued transects in the 75 foot transect area. Team November found two surface anomalies. All were non munitions related debris on the surface. Team India found 14 surface anomalies and two subsurface anomalies that were all non munitions related debris.				
QA/QC activities were also conducted as	summarized on th	ne Daily Quality Control Report (DQCR).		
Munitions and Other Items Found Tod	ay: (Include locati	on of the items found):None		
Changed Conditions/Delays/Conflicts visual surveys and other operations today		st any conflicts which have hindered		
Other comments or additional information: Weather was mostly cloudy becoming overcast with light rain and a high in the high 40's.				
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.				
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.				
SUXOS		Date: 11/6/2013		
al uch				

USACE OESS:	Webster k	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Devries UXOQCS:		Byron Cook			
SUXOS:	Rick St.Amand		UXOSO:	Byron Cook		
MC Sampling Lead N/A			Other:	USACE Munitions Design Center: John Miller		
				USACE Regional Project Lead: Mark Murphy		
Name		Positi	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysyc	cist	HDR	10	DGM
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	DGM
Neil Roulier		UXO Tech III		HDR	10	India
Kim Hawkins		UXO Tech II		HDR	10	India
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/0613	
Description: photo of the Lima is curre in Tech Appr	area Team ntly working	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	11/06/13	
Description: Team November recording an unsurveyable area due to dense vegetation in Tech Approach Area 3.		
		PHOTOGRAPHIC LOG
---	-------------------------------------	------------------
Photo No.	Date:	
3	11/06/13	
Description: showing non related debri cable, found Approach Ar	-munitions s, a metal in Tech	
		PHOTOGRAPHIC LOG
	1	
Photo No.	Date:	

Date: 11/6/2013 HDR EOC		•	ect Name: Port ract #: W9128	•	•	er 0006	
12850 E Control Tower Rd			ort #: 015	1 10 0 0000,	Derivery ord		
Centennial, CO 80112 USACE Safety Specialist: Webster Ke	ller	Proje	ect Manager: L	arry deVries			
SUXOS: Rick St. Amand		UXO	QCS: Byron C	ook			
UXOSO: Byron Cook			ct Geophysic		bson, Geophy	/sicist III	
MC Sampling Lead: N/A			tional Team N		,		
LIST DEFINABL					NTS		
Preparatory Phase Inspection:							
Initial Phase Inspection:							
Follow-Up Phase Inspection:							
Additional QC/QA Comments:							
Observed Teams Lima and India test th	eir Schonsted	ts prior to com	mencing Assis	sted Visual Su	irveys		
Redacted Social Security Numbers notic			-				
Participated in weekly status call, comm							
OESS to comment on QA checklist that	Notice to Pro	ceed 'slipped t	hrough the cra	icks' due to g	overnment sh	utdown	
No MPPEH located today							
DGM Daily Quality	y Quality DGM Activities Today (According to Work Plan)						
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2	
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A	
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A	
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A	
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A	
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A	
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A	
IVS Yes N/A N/A N/A N/A Comments for DGM Activities, if any: Trouble-shooting faulty litter component – EM61 coil was replaced with backup							
			•		•		
coil. Seed placement. EM61 litter data Omaha geophysicist. Assessment of di		5-1001 spaced	transects. wee	eriy status cai	ii. Coordinatir	ig with	
Comments for Visual Survey Activitie		urvev data wa	s OC'd and loo	oke good: nict	ures were che	acked to	
make sure they match the stored feature				•			
accuracy and quality. Teams Lima and				-			
positional accuracy and duplicate result			•		-		
ensure positional accuracy and duplicat	e results. All	start of day fea	atures were ob	served by Jef	f Rueter and p	bass all QC	
requirements.							
Comments for MC Sampling, if any:							
Non-Compliant Items Identif	ied Today		Non-Com	pliant Items	Corrected To	day	
On behalf of the contractor, I certify that							
work performed during this reporting pe unless otherwise noted in this report.	riod is in comp	pliance with the	e work plan sp	ecifications to	the best of m	iy knowledge	
Jon Jacobson, Geophysicist II							
and the first of the second second							
Alt							
		11/6/2	013				
1T							
			1T				
Bryon Cook UVOOCS			I I				
Bryon Cook, UXOQCS							
Byron D. Loul			- / -				
V		11/6/2	013				

Project Name:	Port Angeles Combat Range		Report No: 015
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 11/6/2013
I. Site Safety	Brief Topics:		
Driving, Perso	nal Protective Equipment (PP	E), slips, trips, and falls, weather, L lion/hygiene, Exclusion Zone (EZ)	Jnexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	pections:		
Provided eye	wash to the teams; checked te	ams for first aid and hygiene supp	lies
III. Problems	Encountered / Corrective Ac	tions Taken:	
N/A			
IV. Additiona	I Health and Safety Commer	ts:	
No additional			
VII. Visitors None			
VIII. Approva	I		
			Date: 11/6/2013
Byro	n D. Loul		
100 C			

Location of Job (Unit/Location on Project Port Angeles Combat Range	:t):	Area:
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

High ~47° chance of rain after 1/1 mereasing to 50-60% after 6 PM

H



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 6 Nov 13

SSHO: Byron Cook

Name	Position	Employer	Signature
Robert Nelson	UXO T	HDR	A
DUNMER	UXOII	HDR	ale
D. GORDON	UXO ITT	HDR	D. Boulor
M. fron	Vio TI	ITIDK	Hite
Mourson 1	UNOT	HOR	TARCS
Kim Hawkins	u vo IL	HOR	Lapa
/ Jeff' Rueter	Geo	HDZ	Fr
Jon Jacopion	Geo	HOR	A M
Rick St. Annon	SVXOS	MDR	DAL
	Vis	sitors	

https://hdrwebmail.hdrinc.com/owa/attachment.ashx?attach=1&id=RgAAADpbV8sdqPj... 11/1/2013



Daily Equipment Log Revision 1.0

PACR RI
6 Nov 12
W9128F-10-D-0058
Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip: Work		
Equipment Description			Yes	No	
Garmin	3678	D. Donton	A		
Garmin	3679	D. Boston Mun	R		
Garmin	3680				
Garmin	3682				
Garmin	3798				
Garmin	3685	Rourison	A		

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date,	Yes No
_quipment sent for repairs:	Date. Olick hore to onto a date.	



PACR RI	
6NOV13	
W9128F-10-D-0058	
Larry Devries	
	61613 W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equipr Work	nent ina
		e syntaxic er e period	Yes	No
Trimble	3660	Jetak:	A	
Trimble	3975	Ple		
Trimble	3693	Fith	X	
Trimble	3974	CUO	X	
Trimble	3661			
Camera	3090			
Camera	3964	Clas		
Camera	1004	Rourism		
	3963	Fif 7	X	

			-	_	-
uipment sent for repairs?	Date: Click here to enter a date.	Yes		No	



Project Name:	PACR RI	
Date:	(Nov 13	
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	_

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
Equipment Description	ASSOCIATION		Yes	No	
Schonstedt	3104	Man	Ø		
Schonstedt	1636				
Schonstedt	3658	1 1			
Schonstedt	3105	Hertin	A		
Schonstedt	3885	D Loda	×		
Schonstedt	3887				
White	3894				

Equipment Description	Asset Number	Describe Problem -Malfunction
Schonstedt	1636	On/Off switch broken
Equipment sent for repairs?	Date: Click here to enter a date	Yes 🔲 No 🛛
Adequate equipment on-sit	0	

	.				
HDR 19959 F. Constant Tourism Del		ort Angeles Combat Range			
12850 E Control Tower Rd Centennial, CO 80112	Report No.: 016	n: Port Angeles, WA			
	Day/Date: 11/7/2				
		28F-10-D-0058, Delivery Order 0006			
Personnel on Site/Area of Responsibility/Daily Site Operating Hours:					
See Attached Site Personnel List	Site Oper	ating Hours: 10			
Activities Conducted: (Include location of work performed including equipment used): Three teams conducted assisted visual surveys today. Team Lima conducted visual surveys in Tech Approach Area 1. The team found one subsurface anomaly. Teams India and November conducted visual surveys in Tech Approach Area 3. Team November spent the day in the south west and Team India continued transects in the 75 foot transect area. Team November found two surface anomalies. Team India found three surface anomalies. The SUXOS and UXOQC/SO conducted a QC in the 75 foot transect area that Team India had previously surveyed. Nine anomalies were found, seven were subsurface. All anomalies found were non munitions related debris. QA/QC activities were also conducted as summarized on the Daily Quality Control Report (DQCR).					
Munitions and Other Items Found Too	lav: (Include locati	on of the items found).None			
Changed Conditions/Delays/Conflicts	Encountered: // i	st any conflicts which have hindered			
Changed Conditions/Delays/Conflicts Encountered: (List any conflicts which have hindered visual surveys and other operations today):					
Other comments or additional information in the high 40's.	Other comments or additional information: Weather was mostly cloudy becoming overcast with light rain and a high in the high 40's.				
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.					
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.					
SUXOS		Date: 11/7/2013			
RHAR					

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS:	Byron Cook	•	
SUXOS:	Rick St.A		UXOSO:	Byron Cook		
MC Sampling Lead N/A			Other:	USACE Munit	tions Design Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Positi	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
Jon Jacobson		Field Geophysy	cist	HDR	10	
Matt Reece		UXO Tech III		HDR	10	Lima
Rob Nelson		UXO Tech II		HDR	10	Lima
Neil Roulier		UXO Tech III		HDR	10	India
Kim Hawkins		UXO Tech II		HDR	10	India
D.A. Gordon		UXO Tech III		HDR	10	November
Chuck Dunmire		UXO Tech II		HDR	10	November
Jeff Reuter		Field Tech III		HDR	10	Lima
						1

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/07/13	
Description: logged an un point due to t vegetation in area in Tech Area 1.	isurveyable the dense a logged	
		PHOTOGRAPHIC LOG
Photo No.	Date:	PHOTOGRAPHIC LOG
Photo No. 2	Date: 11/07/13	PHOTOGRAPHIC LOG

		PHOTOGRAPHIC LOG
Photo No.	Date:	and the second
3	11/07/13	
Description: general site river in Tech Area 3.		
		PHOTOGRAPHIC LOG
Photo No.	Date:	

Date: 11/7/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report # : 016
USACE Safety Specialist: Webster Keller	Project Manager: Larry deVries
SUXOS: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection:

Initial Phase Inspection:

Follow-Up Phase Inspection:

Additional QC/QA Comments:

Observed Teams Lima and India test their Schonstedts prior to commencing Assisted Visual Surveys (AVS)

UXOSO/QCS and SUXOS QC'ed the eastern and northern portions of the 75-foot spaced transects in Tech Approach Area 3. UXOSO/QCS and SUXOS walked along selected transect lines, between transects, and across (roughly perpendicular to) the transect lines; tracks were recorded on Trimble GeoXH HDR asset no. 3975 and Garmin eTrex HDR asset no. 3680. This method was selected to QC not only the diligence of the AVS teams, but also to QC the methodology selected for sampling the area due to the lack of munitions/munitions related debris being found. Seven subsurface anomalies were investigated, as well as two surface anomalies. All were non-munitions related debris.

Forwarded letter from electrician re: grounding magazines IAW NFPA 780 and e-mail chain describing work plan approval to OESS to fill QA checklist deficiencies

No MPPEH located today

DGM Daily Quality	DGM Activities Today (According to Work Plan)					
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	N/A
Personnel Test	N/A	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	N/A
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A
IVS	N/A	N/A	N/A	N/A	N/A	N/A

Comments for DGM Activities, if any: No DGM survey activities today. Data completeness for open areas reviewed. Target picks QC'd and submitted for density analysis.

Comments for Visual Survey Activities: All visual survey data was QC'd and looks good; pictures were checked to make sure they match the stored feature class, data was looked at to determine mileages, and data was looked for overall accuracy and quality. Teams Lima, India, and Oscar measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. Teams Lima and November did start of day features at the same location to ensure positional accuracy and duplicate results. All start of day features were observed by Jeff Rueter and pass all QC requirements.

Comments for MC Sampling, if any:

comments for MC Sampling, if any:	
Non-Compliant Items Identified Today	Non-Compliant Items Corrected Today
On behalf of the contractor, I certify that this report is complet work performed during this reporting period is in compliance unless otherwise noted in this report.	
Jon Jacobson, Geophysicist II	
All -	11/7/2013
1T	
	1T
Bryon Cook, UXOQCS	
Byron D. Coul	
	11/7/2013

Project Name:	Port Angeles Combat Range		Report No: 016
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 11/7/2013
I. Site Safety	Brief Topics:		
Driving, Perso	nal Protective Equipment (PPE	E), slips, trips, and falls, weather, L ion/hygiene, Exclusion Zone (EZ)	Inexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	pections:		
Observed tear	ns for wear of proper PPE for t	asks performed	
III. Problems	Encountered / Corrective Ac	tions Taken:	
N/A			
	Health and Safety Commen	ts:	
No additional	comments		
VII. Visitors			
None			
VIII. Approva			
Вуго	n D. Carl		Date: 11/7/2013

Location of Job (Unit/Location on Project Port Angeles Combat Range	Area:	
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

omments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012

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Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location Port Angeles Combat Range, WA

Date: Nov 7, 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
M. Keen	TELH II	HPIL	MUL
D. Gorport	TECH TT	HOP	8) Hanta
D. Gordoni DUNMILE	UXOI	NDR	Cur
Robert Nerson	UYO II	HOR	A
NROUNA	YUNDER	HOR	the si
St Amano	SVXOS	HDK	Battin .
PHarking	axo IL	- FOR	Alifin
outf Rucher	Geo	HDIL	· fi
Jon Jacobson	Geo	HDR	BAT
		- Anti-	
		4	2.
	Visit	tors	
355			

Updated 4/3/2012

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PACR RI	
1 Nov	
W9128F-10-D-0058	
Larry Devries	
	1 //or/ W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator		Equipment Working	
			Yes	No	
Trimble	3660 Rowing		J.		
Trimble	3975	Rourism Bypon, D. Lak	×		
Trimble	3693	Jost A	×		
Trimble	3974	Cenz	Ż-		
Trimble	3661				
Camera	3090 3965	Barron D. Cal	Ø		
Camera	3964	Cur.	8		
Camera	1004	Rousin	Ø		
	3963	For 2	Y		
Equipment Descript	ion Asset N	umber Describe P	roblem -Malfunction	n	

Equipment Description	Asset Number	Describe Problem -Malfunction		
	4 2 2 .			
	A Cast	24		
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No		



Project Name:	PACR RI
Date:	TNOV
Contract/Delivery Order:	7 Nov W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Schonstedt	3104	MIK	Ā		
Schonstedt	1636				
Schonstedt	3658	topon D. Cal	X		
Schonstedt	3105	Rourse	A		
Schonstedt	3885	D. Hordon			
Schonstedt	3887	V:			
White	3894				

Schonstedt	1636	On/Off switch broken
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No 🛛
Adequate equipment on-site	8	



Project Name:	PACR RI
Date:	1 Nov
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Garmin	3678	D. yaha	X		
Garmin	3679	MW	R		
Garmin	3680	D. Hester MML bopen, D. Cal	X		
Garmin	3682				
Garmin	3798				
Garmin	3685	Roulion	Ø		

1.2

Equipment Description	n Asset Number	Describe Problem -Malfunction
equipment sent for repairs?	Date: Click here to enter a date.	Yes No

HDR	Project Name: Port Angeles Combat Range		
12850 E Control Tower Rd	Project Location: Port Angeles, WA		
Centennial, CO 80112	Report No.: 017		
	Day/Date: 11/8/2013		
Personnel on Site/Area of Responsibi	Contract #:W9128F-10-D-0058, Delivery Order 0006		
	ty/Daily Site Operating hours.		
See Attached Site Personnel List	Site Operating Hours: 8		
conducted visual surveys in Tech Appro- continued transects in the 75 foot transe anomalies. Team India found one surface related debris. Team Lima conducted DC	of work performed including equipment used): Teams India and November ch Area 3. Team November spent the day in the south west and Team India t area. Team November found two surface anomalies and four subsurface e and one subsurface anomaly. All anomalies found were non munitions M assessment. Team Lima scouted areas and transects that could be on the western side of Tech Approach Area 2.		
QA/QC activities were also conducted as	summarized on the Daily Quality Control Report (DQCR).		
Munitions and Other Items Found Too	ay: (Include location of the items found):None		
visual surveys and other operations toda			
Other comments or additional information in the high 40's.	tion: Weather was mostly cloudy becoming overcast with light rain and a high		
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.			
	port is complete and correct. All material, equipment used, and work performed nce with the plans and specifications except as noted above.		
SUXOS	Date: 11/8/2013		
RAR			

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS:	Byron Cook	•	
SUXOS:	Rick St.A		UXOSO:	Byron Cook		
MC Sampling Lead N/A			Other:	USACE Munit	tions Design Ce	nter: John Miller
				USACE Regio	onal Project Lea	d: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	8	
Byron Cook		UXOQC/SO		HDR	8	
Jon Jacobson		Field Geophysy	cist	HDR	8	DGM
Matt Reece		UXO Tech III		HDR	8	Lima
Rob Nelson		UXO Tech II		HDR	8	DGM
Neil Roulier		UXO Tech III		HDR	8	India
Kim Hawkins		UXO Tech II		HDR	8	India
D.A. Gordon		UXO Tech III		HDR	8	November
Chuck Dunmire		UXO Tech II		HDR	8	November
Jeff Reuter		Field Tech III		HDR	8	Lima
						1



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	11/08/13	
Description: unsurveyable recorded by due to dense and a wetlan Approach Ar	e area Team India e vegetation d in Tech	
		PHOTOGRAPHIC LOG
Photo No.	Date:	

Date: 11/8/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report #: 017
USACE Safety Specialist: Webster Keller	Project Manager: Larry deVries
SUXOS: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection:

Initial Phase Inspection:

Follow-Up Phase Inspection: Assisted Visual Surveys- Observed Team November

Schonstedt function was checked prior to entering work area

Trimble GeoXH start of day procedure completed at duplicable point

Team walked pre-planned transect routes within tolerance, adjusting due to terrain and/or vegetation

Vegetation is thick in much of the survey area, reducing and sometimes obstructing the 'visual' aspect of the survey. Reliance on the Schonstedt was necessary in these areas. The team did a good job expanding its survey in the more open/accessible areas along its transects. Areas where vegetation was too thick to pass through or terrain too steep to safely navigate were marked as unsurveyable if the team had to travel outside of tolerance to go around or could not find a way around. None of the anomalies investigated resulted in MEC/MD.

Additional QC/QA Comments: OESS walked in Tech Approach Area 3 with Team November during the morning; no issues with approach or team's execution

No MPPEH located today

DGM Daily Quality		DGM Acti	vities Today	(According to	Work Plan)	
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	N/A
Personnel Test	N/A	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	N/A
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A
IVS	N/A	N/A	N/A	N/A	N/A	N/A

Comments for DGM Activities, if any: Remaining DGM areas in Tech Area 2 were investigated to determine access and surveyability. Obstacles and conditions were documented.

Comments for Visual Survey Activities: All visual survey data was QC'd and looks good; pictures were checked to make sure they match the stored feature class, data was looked at to determine mileages, and data was looked for overall accuracy and quality. Teams Lima and India measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. Teams Lima and November did start of day features at the same location to ensure positional accuracy and duplicate results. All start of day features were observed by Jeff Rueter and pass all QC requirements.

Comments for MC Sampling, if any:

Non-Compliant Items Identified Today

Non-Compliant Items Corrected Today

On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.

Jon Jacobson, Geophysicist II

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11/8/2013

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1T

Bryon Cook, UXOQCS

Byron D. Coul

11/8/2013

Project Name:	Port Angeles Combat Rang	e		Report No: 017
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/8/2013
I. Site Safety	Brief Topics:			
Driving, Perso				nexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	pections:			
Observed Tea	am November's anomaly inve	stigation proc	edures; no deficiencies	s noted
III. Problems	Encountered / Corrective A	ctions Taker	1:	
N/A				
N/ Additions	Lipolth and Safaty Commo	nto.		
No additional	I Health and Safety Comme comments	nits:		
VII. Visitors				
None				
VIII. Approva				Data: 11/8/2012
ß	0 1			Date: 11/8/2013
Byro	n D. Coul			
V				

11	1		
	-		
19		-	

Port Angeles Combat Range Required PPE:	:t):	Area:
Required PPE:		
	Wind Direction:	Supervisor of Work:
leather boots	variable	SUXOS Rick St. Amand
gloves	Evacuation Route:	Safety Brief Prepared By:
eye protection weather & work appropriate clothing	toward the assembly point	UXOSO/QCS Byron Cook
Team Pre-Job Preparation	Assembly Point:	Are other crews in area?
 Fill out Daily Tailgate/Safety Sign-In. Review Daily Tailgate/Safety Sign-In. 	1. Staged vehicles 2. Staging area	Yes
3. Sign Daily Tailgate/Safety Sign-In. Comments:	2. Staging area	

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location Port Angeles Combat Range, WA

Date: 3 Nov 13

SSHO: Byron Cook

, Name	Position	Employer	/ Signature
Vin Chalasta	WKO Tech II	HOR	Adet
Jon Secosion	Geo	HDR.	THEY
M. fine	4NO TI	HUK	Alle
D. Gordon	UXO TIT	HAR	D. Dorton
Rourisa	4 youTT	HOR	Res
Jeff Ructel	Geo	HOR	FEFE
CDUNMIRE	UNOIT	HDR	Cens
Robert Nelson Rick St. (man)	UKO II	HPR	STRO /
KICK St. (Trans	JUXAS	HUR	VINE
Webster Kelly	OESS	USALLE	ubtralle
	-		
, K			
	1		
	Visito	ors	

Updated 4/3/2012



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipr Work	
-dathing a second			Yes	No
Trimble	3660	houlser		
Trimble	3975			
Trimble	3693	Jeth	X	
Trimble	3974	resté	₿.	
Trimble	3661			
Camera	3090	Roucier	X	
Camera	3964	Cett	×	
Camera	1004	Rouion	A	
	3963	JEFF R /	x	

	Asset Number	Duttin	m -Malfun	
quipment sent for repairs?	Date: Click here to enter a date.	Yes	No	



PACR RI
W9128F-10-D-0058
Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Work	ment king
Equipment Description	Asset Humber		Yes	No
Schonstedt	3104	Malsth	\$	
Schonstedt	1636			
Schonstedt	3658			
Schonstedt	3105	Rourise	×	
Schonstedt	3885	D. Doulon	R	
Schonstedt	3887			
White	3894			

Equipment Description	Asset Number	Describe Problem -Malfunction
Schonstedt	1636	On/Off switch broken
Equipment sent for repairs?	Date: Click here to enter a date.	Yes 🗌 No 🛛
	e	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Work	
Equipment Description			Yes	No
Garmin	3678	Q. Yoshon	¥	
Garmin	3679		Ø	
Garmin	3680	Mell byren D. Coel	Ø	
Garmin	3682	U		
Garmin	3798			
Garmin	3685	Rourie	Ø	
	* *			

	1		
Equipment sent for repairs?	ate: Click here to enter a date.	Yes	No 🗌



Site Name/Locat	ion:	PACR
Site Supervisor:	St.	Arond

Vehicle: Project Rental -#2/Project#206945

Date Inspected: 11/8/13

Mileage: 6472

Owner: _______(Rental, SKY Contract)

Item Description	-	And Pas		-	Pas		W	ednes Pass		TI	nursd			Friday	1
nem Description	Yes		N/A	Yes		N/A	Yes	No	N/A	Yes	Pass	N/A	Yes	Pass	
Registration and License Plate				N	T		N			17			Tes	No	N/A
Insurance	17	Th	TH	Ø	IF	H	ħ	H	HH	R		H	X		
Emergency Route Map/Phone #s		IF	Th	n	Th	H	R	H	H	1 H		H	X		
2 Tires:	10	1		1	10	1.4									
Pressure	TTÍ			N		П	IN			IT	П				
Condition	日	H	HH	1H	+ =	HH	TA		HH	14	+++-		K		
3 Equipment:										14					
Fire Extinguishers	TÓ		П	T		П	D			TA					-
First Aid/CPR/Burn Kits	R	H	H	榜	H	H	1 FX		H	17	12		4		
Blood Borne Pathogen Kit	1	łH	井븀	K	H		8		HH	12			4		
Eyewash Kits	H	H	+ =	17	H		1		H	K	14		A	H	
	1 FX	H	+#		H		1						Ø		
Spare Tire	K	H	11	1	H	H	-	++		Ø		Ц	D/	Ц	
Tire Changing Equipment	H	H	12	H	14	1	A		4		H	4	Ø		
Tie Downs*	H	H		H	H	K	A	HH	4			4			D
Chocks*		님	K		H	D.	1	H	Ø		L	D/			D
Placards*	H	H	HA		H	N	M				Ц				Z
Other:			HH-	L <u>L</u>	H										
Other:	Ц														
4. Brakes	-			1		_	/				146				
Hand/Emergency	4			4			10			Z			D		Π
Service				K									Z		Ē
5. Belts		-			-	_	/								
Proper Tension	Q.												Ν		
Condition													R	n1	T
6. General:	1	1							1						
Windshield							Ø			A	Π	П	RI		
Windshield Wipers	D			Ø						n	T	H	n	H +	H
Windows (Condition/Operation)				Z			N			n	FI	HI	n	H	H
Seat Belts	D			Z		n	n	n	H	D	H	H	R	H	H
Steering	N	Π	n	n	FI	FI	n	n	T I	D	+++	1	8	H	H
Horn	M	Ē		n	Ē	n	T	H	H	A	H	HH	1	H	H
Gas Cap	N	П	FI	n	FI	H	D	H	H	X.	+++	+++	K	++	H
Mirrors	n	П	FI	n	FI	H	ħ	H	H	HA I	+++	+++	K	11	H
Door/Window Handles/Latches		Ħ	H	T	H	H		H		A	+++	+++	E.		4
Cleanliness		H	H	Z	H	H	B	H			+++	+++	4		H
Exhaust System	A	H	H	H	H	H	Й	H	H	R	+++	++		4	Ц
Lights:				41											
Headlights (High/Low)	M			DI	П		R			1			T		-
		H	H	H	++	H	Ø	++	+++	R	+++	4+	Z		Ц
	1	1	+++	ħ.	+++	HI	A	++	44		41	41	D		
	4	H	H	-4	+++	+++	K	H	HI	Z/	41	41			
		H	H	4	+++				44	Q.	4		D,		
	A	H	HI	Ø	HI	41	Ø	4	41	Z/			2		
	P	H	41	D/	H	41	R	4		DY					
nterior Lights				L						DI		Π			

Project Name: Port Angeles Combat Range						
Project Location: Port Angeles, WA						
Report No.: 018						
Day/Date: 11/11/2013 Contract #:W9128F-10-D-0058, Delivery Order 0006						
Personnel on Site/Area of Responsibility/Daily Site Operating Hours:						
Site Operating Hours: 10						
work performed including equipment used): One team conducted visual mall number of transects in Area 2. Two teams conducted assisted visual er conducted visual surveys in Tech Approach Area 3. Team November spent continued transects in the 75 foot transect area. Team November found two subsurface anomalies. All anomalies found were non munitions related debris. ummarized on the Daily Quality Control Report (DQCR).						
r: (Include location of the items found):None						
ncountered: (List any conflicts which have hindered						
on: Weather was partly cloudy becoming overcast with a high near 50.						
Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.						
ort is complete and correct. All material, equipment used, and work performed ce with the plans and specifications except as noted above.						
Date: 11/11/2013						

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r			
PM:	Larry Dev		UXOQCS:	Byron Cook	•			
SUXOS:	Rick St.A		UXOSO:	Byron Cook				
MC Sampling Lead	N/A		Other:	USACE Munitions Design Center: John Mille				
				USACE Regional Project Lead: Mark Murphy				
Name	Posit	ion	Employer	Hours	Team			
Rick St.Amand		SUXOS		HDR	10			
Byron Cook		UXOQC/SO		HDR	10			
Jon Jacobson		Field Geophysy	cist	HDR	10	DGM		
Matt Reece		UXO Tech III		HDR	10	Lima		
Rob Nelson		UXO Tech II		HDR	10	DGM		
Neil Roulier		UXO Tech III		HDR	10	India		
Kim Hawkins		UXO Tech II		HDR	10	India		
D.A. Gordon		UXO Tech III		HDR	10	November		
Chuck Dunmire		UXO Tech II		HDR	10	November		
Jeff Reuter		Field Tech III		HDR	10	Lima		
						1		

		PHOTOGRAPHIC LOG
Photo No.	Date:	The second se
1	11/11/13	
Description: unsurveyable recorded by due to dense in Tech Appr	e area Team Lima	
		PHOTOGRAPHIC LOG
Photo No.	Date:	PHOTOGRAPHIC LOG
Photo No. 2	Date: 11/11/13	PHOTOGRAPHIC LOG

		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	11/11/13	
	lated debris- found in Tech ea 3 by	
		PHOTOGRAPHIC LOG
Photo No.	Date:	

Date: 11/11/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report #: 018
USACE Safety Specialist: Webster Keller	Project Manager: Larry deVries
SUXOS: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection:

Initial Phase Inspection:

Follow-Up Phase Inspection: Non-Intrusive Assisted Visual Survey (AVS) and Digital Geophysical Mapping (DGM) Survey conducted in Tech Approach Area 2

Observed Team Lima test Schonstedt for functionality

Observed Start of Day procedure for Lima's Trimble

Observed EM-61/litter assembly Instrument Validation; calibrations check passed and teams were able to begin surveys Team Lima performed AVS and led the DGM team on pre-planned 75-foot spaced transects; teams attempted to stay within tolerance of transect lines, adjusting for terrain and vegetation/litter. Areas that took them out of tolerance were recorded as unsurveyable. During observation, Team Lima outpaced the DGM team due to the litter assembly getting caught up in undergrowth or low hanging branches and the team's slower pace from stepping over tree litter or having to avoid areas of dense vegetation. Twice Team Lima had to be stopped or called back to keep the DGM team on transect. Adjustments were advised and corrections made.

In-transect seeding was not incorporated during this time due to lack of positional accuracy. According to DGM DQO, accuracy was within work tolerance, but not cm tolerance required for recording and identifying the seed. Observed second set of IVS data collected after day's completion of transects.

Additional QC/QA Comments:

Observed Team India test Schonstedt for functionality and Trimble Start of Day procedures

No MPPEH located today

DGM Daily Quality	DGM Activities Today (According to Work Plan)						
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2	
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A	
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A	
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A	
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A	
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A	
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A	
IVS	Yes	N/A	N/A	N/A	N/A	N/A	

Comments for DGM Activities, if any: DGM collection along 75-foot spaced transects in south portion of Tech approach 2 area

Comments for Visual Survey Activities: All visual survey data was QC'd and looks good; pictures were checked to make sure they match the stored feature class, data was looked at to determine mileages, and data was looked for overall accuracy and quality. Teams Lima and India measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. Teams Lima and November did start of day features at the same location to ensure positional accuracy and duplicate results. All start of day features were observed by Jeff Rueter and pass all QC requirements.

Comments for MC Sampling, if any:

Non-Compliant Items Identified Today	Non-Compliant Items Corrected Today

On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.

Jon Jacobson, Geophysicist II

2B

11/11/2013

Byron Cook, UXOQCS Byron D. Cal

11/11/2013
Project Name:	Port Angeles Combat Range	е		Report No: 018
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/11/2013
I. Site Safety	Brief Topics:			
Driving, Perso		PE), slips, trips ation/hygiene,	s, and falls, weather, L Exclusion Zone (EZ)	Inexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	pections:			
Made observa	tion of teams' Lima and DGN	1 use of PPE o	during field operations	PPE was present, in use, and serviceable
III. Problems	Encountered / Corrective A	ctions Taken	:	
N/A				
	Health and Safety Comme			
	made to allow the pre-paid se	ervice for the s	atellite phone to expir	e. No work area encountered has been outside of
VII. Visitors				
None				
VIII. Approva				
Вуго	n D. Coul			Date: 11/11/2013



Location of Job (Unit/Location on Project Port Angeles Combat Range	t):	Area:
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Safety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation1. Fill out Daily Tailgate/Safety Sign-In.2. Review Daily Tailgate/Safety Sign-In.3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 11 Nov 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
Jeff Rulter	620	HDR	JEFR
C DUNMILE	UXO TECH I	HOR	CODY
Robert Nelson	12X0 Tech II	HDR	
Foort Nelson Jon Jacobson	400	HDR.	000
Kouriva	uno II	HAR	JAT TO
Kim amplies	AXD II	HDE	A ganter
Matt Read	UXO III	HUR	Mr. Harto
D. GORDON Rick St Amatal	LIXO III	HAR	h form
Kick St ftmittp	20102	11-1	And
	Vis	itors	



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equip: Work	nent ing
Equipment Description	Asset Humber		Yes	No
Garmin	3678	D. Howton		
Garmin	3679	D. Howlow	X	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Rounse	Ľ∕\$.	

Asset Number	Describe Problem -Malfunction
	Yes No
Date: Click here to enter a date.	Yes No
	Date: Click here to enter a date.



PACR RI	
W9128F-10-D-0058	
Larry Devries	
	W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equipr Work	
Equipment Description	ASSET Humber		Yes	No
Schonstedt	3104	Map M	Ø	
Schonstedt	1636	11.00		
Schonstedt	3658			
Schonstedt	3105	Rounder	₽.	
Schonstedt	3885	D. Jonton	A	
Schonstedt	3887			
White	3894			

Equipment Description	Asset Number	Describe Problem -Malfunction
Schonstedt	1636	On/Off switch broken
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No 🛛
Adequate equipment on-sit	8	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipr Work	
Equipment Description	ASSECTUMENT		Yes	No
Trimble	3660	Round	A	
Trimble	3975			
Trimble	3693	Fifth	X	
Trimble	3974	And	X	
Trimble	3661			
Camera	3963	Juff L	M	
Camera	3964	alles	¢.	
Camera	20130901004	Concion	X	

Equipment Description	n Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No
-quipment sent for repairs :	Date. Offer field to criter a date.	

	Project Nemo: Dort Annales Combet Denne			
HDR 12950 F. Control Tower Dd	Project Name: Port Angeles Combat Range			
12850 E Control Tower Rd	Project Location: Port Angeles, WA			
Centennial, CO 80112	Report No.: 19 Day/Date: 11/12/2013			
	Contract #:W9128F-10-D-0058, Delivery Order 0006			
Personnel on Site/Area of Responsible				
Personner on Site/Area of Responsible	inty/Daily She Operating Hours.			
See Attached Site Personnel List	Site Operating Hours: 10			
surveys and the DGM team followed in t assisted visual surveys today. Teams In November spent the day in the south we November found two surface anomalies	of work performed including equipment used): One team conducted visual he remaining transects in Area 2 that can be surveyed. Two teams conducted hadia and November conducted visual surveys in Tech Approach Area 3. Team est and Team India continued transects in the 75 foot transect area. Team . Team India found one subsurface anomaly. The UXOQC/SO and the USACE foot transect area of Area 3 and found 18 anomalies. Ten were surface and and were non munitions related debris.			
QA/QC activities were also conducted a	s summarized on the Daily Quality Control Report (DQCR).			
Munitions and Other Items Found Too	day: (Include location of the items found):None			
Changed Conditions/Delays/Conflicts visual surveys and other operations toda	Encountered: (List any conflicts which have hindered ay):			
	Alexy Martheory and the lovely with in the mid CO's			
Other comments or additional information: Weather was partly cloudy with in the mid 50's. Schedule: Production is currently on pace to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving). Contingency plan is in place for additional personnel if required.				
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.				
SUXOS	Date: 11/12/2013			
ROH D				

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r		
PM:	Larry Devries		UXOQCS:	Byron Cook	•		
SUXOS:	Rick St.Amand		UXOSO:	Byron Cook			
MC Sampling Lead N/A			Other:	USACE Munitions Design Center: John Miller			
				USACE Regio	onal Project Lea	d: Mark Murphy	
Name		Posit	ion	Employer	Hours	Team	
Rick St.Amand		SUXOS		HDR	10		
Byron Cook		UXOQC/SO		HDR	10		
Jon Jacobson		Field Geophysy	cist	HDR	10	DGM	
Matt Reece		UXO Tech III		HDR	10	Lima	
Rob Nelson		UXO Tech II		HDR	10	DGM	
Neil Roulier		UXO Tech III		HDR	10	India	
Kim Hawkins		UXO Tech II		HDR	10	India	
D.A. Gordon		UXO Tech III		HDR	10	November	
Chuck Dunmire		UXO Tech II		HDR	10	November	
Jeff Reuter		Field Tech III		HDR	10	Lima	
						1	



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	11/12/13	
Description: found a non- related meta Tech Approa	munitions I cable in	
		PHOTOGRAPHIC LOG
Photo No.	Date:	

Date: 11/12/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report # : 019
USACE Safety Specialist: Webster Keller	Project Manager: Larry deVries
SUXOS: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection:

Initial Phase Inspection:

Follow-Up Phase Inspection:

Additional QC/QA Comments:

Observed Teams India and Lima check Schonstedts for functionality and Trimble Start of Day procedures

Verified assigned equipment was signed out on the daily inventory logs

OESS QA checklist/inspection completed and finalized; results forwarded to HDR PM and UXO Quality Manager

UXOSO/QCS and OESS performed Assisted Visual Survey QC of eastern/north-eastern portion of 75-foot spaced transects in Tech Approach Area 3. No specific transects were walked; tracks were recorded on Trimble GeoXH HDR asset #3975. Tracks were dissimilar to the tracks walked by UXOSO/QCS and SUXOS on 11/07/2013 and an additional 18 anomalies were investigated- eight subsurface and 10 surface. All anomalies investigated were non-munitions related debris: discarded materials and 'hot' rock. OESS commented that he's satisfied with the process and the teams' execution thus far. Based on having observed the teams and two QC inspections of an area behind the teams, the QC role should move back to observing the teams and ensuring they are performing to the work plan to the best of their abilities given conditions, rather than QC inspections of areas.

No MPPEH located today

DGM Daily Quality		DGM Activities Today (According to Work Plan)				
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	Yes	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	Yes	N/A	N/A	N/A	N/A	N/A
Personnel Test	Yes	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	Yes	N/A	N/A	N/A	N/A	N/A
Static/Spike	Yes	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	Yes	N/A	N/A	N/A	N/A	N/A
IVS	Yes	N/A	N/A	N/A	N/A	N/A
Comments for DGM Activities, if any: Seed placement, DGM survey with EM61 litter over transects in open and wooded area.						
Comments for Visual Survey Activities: All visual survey data was QC'd and looks good; pictures were checked to make sure they match the stored feature class, data was looked at to determine mileages, and data was looked for overall accuracy and quality. Teams Lima, India, and Oscar measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. Teams Lima and November did start of day features at the same						

location to ensure positional accuracy and duplicate results. All start of day features were checked by Jeff Rueter and pass all QC requirements.

Comments for MC Sampling, if any:	
Non-Compliant Items Identified Today	Non-Compliant Items Corrected Today
On behalf of the contractor, I certify that this report is complet work performed during this reporting period is in compliance unless otherwise noted in this report.	te and correct and the equipment and material used and with the work plan specifications to the best of my knowledge
Jon Jacobson, Geophysicist II	
- Set	
	11/12/2013
Byron Cook, UXOQCS	
Berna D. Carl	

11/12/2013

Project Name:	Port Angeles Combat Rang	je		Report No: 019	
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/12/2013	
I. Site Safety	Brief Topics:				
Driving, Perso Concern (UXC	nal Protective Equipment (P D/MEC), hydration, field sanit	PE), slips, trips ation/hygiene,	s, and falls, weather, U Exclusion Zone (EZ) (Jnexploded Ordnance/ Munitions and Explosive (209 ft/ 43 ft), first aid	es of
II. Safety Insp	pections:				
Observed tear	ms' pre-work tool inventory/ir	nspection; tools	s and equipment taker	n into the field were in good repair	
III. Problems	Encountered / Corrective A	Actions Taken	:		
N/A					
	I Health and Safety Comme	ents:			
No additional	comments				
VII. Visitors					
None					
VIII. Approva					
				Date: 11/12/2013	
Byro	n D. Carl				

T	T	V	
-	-		2

Location of Job (Unit/Location on Project Port Angeles Combat Range	Area:		
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand Safety Brief Prepared By: UXOSO/QCS Byron Cook	
gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point		
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes	

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 **Project Location**

Port Angeles Combat Range, WA

Date: 12 Nov 13

SSHO: Byron Cook

Name	Position	Employer	Signature
Zebert Nelsyn,	UX0 #	HDR	FAL
im Howkins	4X6T	HOR	della
http://	VXn	17XK	MYCH
Jon Jacobson	Geo	HOR	200
Rourise	Upo III	HOR	A.C.
Groedon, D	UXO III	HDR	W Gordan
Jeff Ructer	Geo	HPR	ATT /
Pick St. Amang		Itok	12 At
DUNMIEE	UXOT	HPR	
		*	
		- 1	
	Vi	sitors	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
Equipinent Decemption			Yes	No
Schonstedt	3104	Mela	卤	
Schonstedt	1636			
Schonstedt	3658	& mon?. Cal	Ø	
Schonstedt	3105	Rouisr	R	
Schonstedt	3885	Bourson Rourson D. Howlon	X	
Schonstedt	3887			
White	3894			

Equipment Description	Asset Number	Describe Problem -Malfunction			
Schonstedt	1636	On/Off switch broken			
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No			
Adequate equipment on-sit					



Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
Equipment Desemption		3 1	Yes	No	
Garmin	3678	D. Bonton	P		
Garmin	3679	MM	ţ,		
Garmin	3680				
Garmin	3682				
Garmin	3798				
Garmin	3685	Rouris	R		

Equipment Description		Asset Number	Describe Problem -Malfunction			
Equipment sent for repairs?	Date	e: Click here to enter a date.	Yes	No 🗌		



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working		
Equipment Description			Yes	No	
Trimble	3660	Rourier	A		
Trimble	3975	Spendick	þ		
Trimble	3693	Fif h	X		
Trimble	3974	2002			
Trimble	3661				
Camera	3963	Fif Pr	Ŕ		
Camera	3964	Ober 2	R		
Camera	20130901004	ROULIDR	⊡ ×		

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No

HDR	Project Name: Port Angeles Combat Range						
12850 E Control Tower Rd	Project Location: Port Angeles, WA						
Centennial, CO 80112	Report No.: 20						
	Day/Date: 11/13/2013						
Contract #:W9128F-10-D-0058, Delivery Order 0006 Personnel on Site/Area of Responsibility/Daily Site Operating Hours:							
reisonnei on Site/Area of Responsibl	inty/Daily Site Operating Hours.						
See Attached Site Personnel List	Site Operating Hours: 10						
surveys in Area 1 then conducted assist November conducted visual surveys in 7 Team India continued transects in the 79 found one surface anomaly. All anomali	of work performed including equipment used): One team conducted visu ed visual surveys in Area 2 and found no anomalies. Teams India and Fech Approach Area 3. Team November spent the day in the southwest 5 foot transect area. Team November found two surface anomalies. Tea ies found were non munitions related debris. s summarized on the Daily Quality Control Report (DQCR).	and					
Munitions and Other Items Found Too	day: (Include location of the items found):None						
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered						
visual surveys and other operations toda							
Other comments or additional inform	ation: Weather was partly cloudy becoming mostly cloudy with in the mic	d 50's.					
Schedule: Production is currently on pac	e to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving).						
Contingency plan is in place for addition							
Contractors' Verification: The above r	eport is complete and correct. All material, equipment used, and work pe	rformed					
during this reporting period are in compl	iance with the plans and specifications except as noted above.						
SUXOS	Date: 11/13/2013						
30703							
60 Hal							

USACE OESS:	Webster Keller		USACE PM:	Mirek Towste	r			
PM:	Larry Dev		UXOQCS:	Byron Cook	•			
SUXOS:	Rick St.A		UXOSO:	Byron Cook				
MC Sampling Lead	N/A		Other:	USACE Munitions Design Center: John Miller				
				USACE Regional Project Lead: Mark Murphy				
Name Po		Positi	ion	Employer	Hours	Team		
Rick St.Amand		SUXOS		HDR	10			
Byron Cook		UXOQC/SO		HDR	10			
Jon Jacobson		Field Geophysy	cist	HDR	10			
Matt Reece		UXO Tech III		HDR	10	Lima		
Rob Nelson		UXO Tech II		HDR	10	Lima		
Neil Roulier		UXO Tech III		HDR	10	India		
Kim Hawkins		UXO Tech II		HDR	10	India		
D.A. Gordon		UXO Tech III		HDR	10	November		
Chuck Dunmire		UXO Tech II		HDR	10	November		
Jeff Reuter		Field Tech III		HDR	10	Lima		
						1		



			PHOTOGRAPHIC LOG
Photo No.	Date:		
3	11/13/13		
			PHOTOGRAPHIC LOG
Photo No.	Date:		

Project Name: Port Angeles Combat Range
Contract #: W9128F-10-D-0058, Delivery Order 0006
Report # : 020
Project Manager: Larry deVries
UXOQCS: Byron Cook
Project Geophysicist: Jon Jacobson, Geophysicist III
Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection:

In-situ XRF sampling as a sub-task of Environmental Media Sampling, IDW Handling and Disposal

SUXOS and Field Technician comprised team; reviewed work plan regarding media sampling, specifically those parts referring to XRF and IDW (3.1.4 Investigative Strategy for Technical Approach 1, 3.1.11.2 Munitions Constituents Lead Sampling-Soil, and 3.7 Investigative Derived Waste Plan)

Team inventoried equipment, identified and filled deficiencies

Field Tech provided class on XRF and demonstrated proficiency

Initial Phase Inspection:

Follow-Up Phase Inspection:

Additional QC/QA Comments:

Observed Teams India and Lima check Schonstedts for functionality and Trimble Start of Day procedures

Verified assigned equipment was signed out on the daily inventory logs

UXOSO/QCS, OESS, SUXOS, and magazine custodian inspected magazines; all key holders had assigned keys

No MPPEH located today

DGM Daily Quality	DGM Activities Today (According to Work Plan)						
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2	
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A	
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	N/A	
Personnel Test	N/A	N/A	N/A	N/A	N/A	N/A	
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	N/A	
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A	
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A	
IVS	N/A	N/A	N/A	N/A	N/A	N/A	

Comments for DGM Activities, if any: No DGM data collection was performed today.

Comments for Visual Survey Activities: All visual survey data was QC'd and looks good; pictures were checked to make sure they match the stored feature class, data was looked at to determine mileages, and data was looked for overall accuracy and quality. Teams Lima and India measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. Teams Lima and November did start of day features at the same location to ensure positional accuracy and duplicate results. All start of day features were checked by Jeff Rueter and pass all QC requirements.

Comments for MC Sampling, if any:

Non-Compliant Items Identified Today	Non-Compliant Items Corrected Today	
On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.		
Jon Jacobson, Geophysicist II		

11/13/2013

Byron Cook, UXOQCS

Byzon D. Carl

11/13/2013

Project Name:	Port Angeles Combat Ran	ge	Report No: 020
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 11/13/2013
I. Site Safety	Brief Topics:		
		PPE), slips, trips, and falls, weather, Unexpl itation/hygiene, Exclusion Zone (EZ) (209 fi	oded Ordnance/ Munitions and Explosives of // 43 ft), first aid
II. Safety Insp	pections:		
		zine custodian conducted inspection of por mpered with. The chain restricting access fi	table explosives magazines; magazines appear rom Deer Park Road is still up/intact.
III. Problems	Encountered / Corrective	Actions Taken:	
N/A			
	I Health and Safety Comm	ents:	
No additional	comments		
VII. Visitors			
None			
VIII. Approva	I		
		Dat	e: 11/13/2013
Byro	m D. Coul		

T	CC
L	U A

Location of Job (Unit/Location on Project): Port Angeles Combat Range		Area:	
Required PPE: leather boots	Wind Direction: variable	Supervisor of Work: SUXOS Rick St. Amand	
gloves Evacuation Route: eye protection toward the assembly propriate clothing		Safety Brief Prepared By: nt UXOSO/QCS Byron Cook	
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes	
Comments:			

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 11/13/13

SSHO: Byron Cook

Name	Position	Employer	Signature
P. GOEDON	TechII	HOR	E). Azila
M. Kour	UXO TIL	IFOR	M. Mm
Rowyon,	4 marth	HOR	and and
Kin that is	UXO T	HDR	VOIDE
CDUNMILE	VXOI	HUR	topho
Joff Ruder	600	HDR	JEFF R
Robert Nelson	\$ UXO # Geo	HOR	AFON
Jon Jacobson		HPR	A A
Rick St. Amond	6UX05	HOR	ADE!
2			
6		_	
		_	
	Visito	ors	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
			Yes	No
Schonstedt	3104	MUm	Į,	
Schonstedt	1636			
Schonstedt	3658			
Schonstedt	3105	Rouris	T I	
Schonstedt	3885	D. Doman		
Schonstedt	3887			
White	3894			

Equipment Description	Asset Number	Describe Problem -Malfunction	
Schonstedt	1636	On/Off switch broken	
Equipment sent for repairs?	Date: Click here to enter a date.	Yes 🗌 No 🛛	
Adequate equipment on-sit	•		



PACR RI	
6	
W9128F-10-D-0058	
Larry Devries	
	W9128F-10-D-0058

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Contraction of the second			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693	Jeff	X	
Trimble	3974	CAD		
Trimble	3661	Roulion	区	
Camera	3963	FUFF	X	
Camera	3964	Cett	Ŕ	
Camera	20130901004	Rouwer		



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
			Yes	No
Garmin	3678	O. Markon		
Garmin	3679	O. Harbon Min	Ŕ	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	ROULIDE	X	

Equipment Description	Asset Number	Describe Problem -Malfunction		
Equipment sent for repairs?	Date: Click here to enter a date.			

HDR	Project Name: Port Angeles Combat Range						
12850 E Control Tower Rd Centennial, CO 80112	Project Location: Port Angeles, WA Report No.: 21						
Centennial, CO 80112	Day/Date: 11/14/2013						
	Contract #:W9128F-10-D-0058, Delivery Order 0006						
Personnel on Site/Area of Responsibi							
See Attached Site Personnel List	Site Operating Hours: 10						
Activities Conducted: (Include location of work performed including equipment used): One team conducted XRF sampling in Area one. One team conducted mag and dig in L 04. Teams India and November conducted assisted visual surveys. Team November spent the day in the south west of Tech Area 3 and Team India continued transects in the 75 foot transect area of Tech Area 2 (bordered with Tech Area 3). Team November also surveyed 150-foot spaced transects in Tech Area 1. Tech Area 1 may now be completed due to remaining transects being unsurveyable or inaccessible. Team November found one surface and one subsurface anomaly. Team India found one surface anomaly. All anomalies found during the assisted visual surveys were non munitions related debris. QA/QC activities were also conducted as summarized on the Daily Quality Control Report (DQCR).							
Munitions and Other Itoms Found Tor	day: (Include location of the items found): Team Lima recovered 15 pieces of						
MD, including an M51 37mm APC, and s	Munitions and Other Items Found Today: (Include location of the items found): Team Lima recovered 15 pieces of MD, including an M51 37mm APC, and seven small arms projectiles (.50 cal) and five 0.50 cal links. Items were discovered at depths ranging from on the surface to 16 inches for the greatest depth. Most items were found around a 6-8 inch depth.						
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered						
visual surveys and other operations toda							
Other comments or additional information	ation: Weather was partly cloudy becoming mostly sunny with in near 50.						
Schedule: Production is currently on pac	ce to meet the goal of demobilization prior to 11-28-2013 (Thanksgiving).						
Five additional field personnel will be mobilized on 11-17-2013 and report to the project site for an in-brief. The five additional personnel will support the mag and dig operation.							
Contractors' Verification: The above report is complete and correct. All material, equipment used, and work performed during this reporting period are in compliance with the plans and specifications except as noted above.							
SUXOS	Date: 11/14/2013						
Routel							

USACE OESS:	Webster Kelle	er	USACE PM:	Mirek Towste	r		
PM:	Larry Devries		UXOQCS:	Byron Cook			
SUXOS:	Rick St.Amand UXOSO:			Byron Cook			
MC Sampling Lead N/A			Other:	USACE Munitions Design Center: John Miller USACE Regional Project Lead: Mark Murphy			
Name		Posit	ion	Employer Hours		Team	
Rick St.Amand		XOS		HDR	10	XRF	
Byron Cook	UX	OQC/SO		HDR	10		
Jon Jacobson		d Geophysy	cist	HDR	10		
Matt Reece	UX	O Tech III		HDR	10	Lima	
Rob Nelson	UX	O Tech II		HDR	10	Lima	
Neil Roulier	UX	O Tech III		HDR	10	India	
Kim Hawkins	UX	O Tech II		HDR	10	India	
D.A. Gordon	UX	O Tech III		HDR	10	November	
Chuck Dunmire		O Tech II		HDR	10	November	
Jeff Reuter	Fie	ld Tech III		HDR	10	XRF	
						1	



		PHOTOGRAPHIC LOG
Photo No.	Date: 11/14/13	
Description: munitions rel a metal cable Team India i 1.	Non- lated debris: e found by	
		PHOTOGRAPHIC LOG
Photo no.	Date:	
4	11/14/13	
Description:	Photo	
4 Description: showing the screening in Approach Ar	Photo In-Situ XRF Tech	

Date: 11/14/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	Report #: 021
USACE Safety Specialist: Webster Keller	Project Manager: Larry deVries
SUXOS: Rick St. Amand	UXOQCS: Byron Cook
UXOSO: Byron Cook	Project Geophysicist: Jon Jacobson, Geophysicist III
MC Sampling Lead: N/A	Additional Team Members:

LIST DEFINABLE FEATURES OF WORK AND INSPECTION COMMENTS

Preparatory Phase Inspection: Subsurface Investigations (3.1.7 Intrusive Investigation)

Team Lima selected to begin subsurface investigations; team reviewed work plan and density map derived from DGM survey, loaded grid corners into GPS, inventoried and inspected equipment, and reviewed operational procedures with SUXOS

Initial Phase Inspection: Subsurface Investigations began after Preparatory Inspection

Observed Team Lima establish grid corners in a priority area (K-3, K-4, L-3, L-4). Team used grade stakes to mark corners after checking that the ground was clear of anomalies. Team established lanes with rope, investigating the grid at 50-foot intervals. Sweep speed was appropriate for terrain and vegetation. Anomalies were investigated properly and munitions related items were managed appropriately.

In-Situ XRF as a sub-task to Environmental Media Sampling and IDW Handling and Disposal

At PM's request, XRF screening was conducted on a slope in Tech Approach 1 that, from overhead, appeared to be a 'natural berm (3.1.4 Investigative Strategy, technical approach for area 1 and 3.1.11.2 Munitions Constituents Lead Sampling- Soil).' No small arms debris was located during Assisted Visual Survey and the area is out of line of the ASR firing point (no firing platform indicated) (3.1.11.2, four general situations that are encountered during field operations that would be evaluated to determine if lead sampling and laboratory analysis is required). Forty-seven samples were taken. None exceeded action level. Expendable waste debris was therefore considered non-contaminated and disposed of as trash.

Follow-Up Phase Inspection:

MD Handling, Storage, and Demilitarization (3.6.6 Material Potentially Presenting an Explosive Hazard) Team Lima UXO Techs II and III performed independent inspections of MPPEH, determining items recovered from the grid to be MD. Items determined to be MD were verified MDAS by the SUXOS and stored in a lockable container.

Additional QC/QA Comments:

Observed Teams India and Lima check Schonstedts for functionality and Trimble Start of Day procedures Verified assigned equipment was signed out on the daily inventory logs

MD was found by Team Lima in grid L-4; Handling and Storage procedures were followed

DGM Daily Quality	DGM Activities Today (According to Work Plan)					
Standardization Test	LA 1	LA 2	PC 1	PC 2	RCQ 1	RCQ 2
Equipment Warm Up	N/A	N/A	N/A	N/A	N/A	N/A
Record Sensor Position	N/A	N/A	N/A	N/A	N/A	N/A
Personnel Test	N/A	N/A	N/A	N/A	N/A	N/A
Cable Shake Test	N/A	N/A	N/A	N/A	N/A	N/A
Static/Spike	N/A	N/A	N/A	N/A	N/A	N/A
Point Position/Control Point Check	N/A	N/A	N/A	N/A	N/A	N/A
IVS	N/A	N/A	N/A	N/A	N/A	N/A

Comments for DGM Activities, if any: No DGM data collection was performed today.

Comments for Visual Survey Activities: All visual survey data was QC'd and looks good; pictures were checked to make sure they match the stored feature class, data was looked at to determine mileages, and data was looked for overall accuracy and quality. Teams Lima and India measured the Schreiner control point at the start of the day to ensure positional accuracy and duplicate results. Teams Lima and November did start of day features at the same location to ensure positional accuracy and duplicate results. All start of day features were checked by Jeff Rueter and pass all QC requirements.

Comments for MC Sampling, if any:

Non-Compliant Items Identified Today

Non-Compliant Items Corrected Today

On behalf of the contractor, I certify that this report is complete and correct and the equipment and material used and work performed during this reporting period is in compliance with the work plan specifications to the best of my knowledge unless otherwise noted in this report.

Jon Jacobson, Geophysicist II



11/14/2013

11/14/2013

Project Name: Port Angeles Combat Range				Report No: 021			
Project No:	W9128F-10-D-0058	Location: Port Angele	es, WA	Date: 11/14/2013			
I. Site Safety	Brief Topics:						
Driving, Perso	•			nce/ Munitions and Explosives of aid			
II. Safety Ins	pections:						
Observed Tea proper anoma	Observed Team Lima conducting Mag & Dig operations (DFW Subsurface Investigations); team wore prescribed PPE, followed proper anomaly investigation procedures, and handled MD IAW WP and SUXOS guidance						
	Encountered / Corrective Ac	tions Taken:					
N/A							
IV. Additiona	I Health and Safety Commer	ts:					
work plan wer a copy of App	e reviewed as well as the APF	SSHP and Appendix G:	Ordnance Technical Data S	ions. Applicable portions of the Sheets. Team Leader was provided			
Project Geopl	nysicist and Field Tech assiste Team Lima checking for ano	d locating grid corners for	subsurface investigation pl				
VII. Visitors							
None							
VIII. Approva							
Вуго	n D. Coul		Date: 11/14/2	2013			



Location of Job (Unit/Location on Project Port Angeles Combat Range	Area:	
Required PPE:	Wind Direction:	Supervisor of Work: SUXOS Rick St. Amand
leather boots gloves eye protection weather & work appropriate clothing	Evacuation Route: toward the assembly point	Sofety Brief Prepared By: UXOSO/QCS Byron Cook
Team Pre-Job Preparation 1. Fill out Daily Tailgate/Safety Sign-In. 2. Review Daily Tailgate/Safety Sign-In. 3. Sign Daily Tailgate/Safety Sign-In.	Assembly Point: 1. Staged vehicles 2. Staging area	Are other crews in area? Yes

Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather

Updated 4/3/2012

Page 1 of 2



Project Manager:

Larry deVries

Project Task Order # W9128F-10-D-0058 Project Location

Port Angeles Combat Range, WA

Date: 11/14/13

SSHO: Byron Cook

Name	Position	Employer	/ Signature
Limetter/lins	46 Tel IT	HOR	KAL
D. GOZDÓN	UXO Tech III	HDR	Difformen
Milanc	VYO IT	HUR	Moon
CDUNNIE	Uxo II	HOR	Sikei
CDUNMIRE	UNDI	HPR	Car
JEFF Ruet-	600	HULL	felt in
Robert Nelson	UXO #	HOR	AAL
Jon Jacobson	640 5080 >	HAR	BRC 1
MARIL MURPILL	USACE NWS FM	USACE	Muntaha
prover mount	USPICE NOUS ATT	Unit	
	*		
	•		
			-
	Visito	rs	



Project Name:	PACR RI
Date:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment bescription			Yes	No
Schonstedt	3104	Mum	Ø	
Schonstedt	1636			
Schonstedt	3658	45		
Schonstedt	3105	Rousine	X	
Schonstedt	3885	Rouise D. Joshon	X	
Schonstedt	3887			
White	3894			

Schonstedt	1636	On/Off switch b	oroken				
				On/Off switch broken			
Equipment sent for repairs? Da	te: Click here to enter a date.	Yes		No			
Adequate equipment on-site							



PACR RI
W9128F-10-D-0058
Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment Description	Asset Humber		Yes	No
Trimble	3660	Rouriss		
Trimble	3975	Felf Br	X	
Trimble	3693			
Trimble	3974	Caton	Ø	
Trimble	3661	Routipe		
Camera	3963			
Camera	3964	CUT	×	
Camera	20130901004	Roucie	X	
Camera	3965	Fif R	x	

Equipment Description	Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No

XZF

2750

Fiff 2





Project Name:	PACR RI	
Date:		
Contract/Delivery Order:	W9128F-10-D-0058	
Project Manager	Larry Devries	

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment Description			Yes	No
Garmin	3678	D. Honton	X	
Garmin	3679	D. Honton Mhu-	Ø	
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Roucion	X	

Equipment Description	n Asset Number	Describe Problem -Malfunction
Equipment sent for repairs?	Date: Click here to enter a date.	Yes No

HDR	Project Name: Port Angeles Combat Range				
12850 E Control Tower Rd	Project Location: Port Angeles, WA				
Centennial, CO 80112	Report No.: 22				
	Day/Date: 11/15/2013				
	Contract #:W9128F-10-D-0058, Delivery Order 0006				
Personnel on Site/Area of Responsibi	ity/Daily Site Operating Hours:				
See Attached Site Personnel List	Site Operating Hours: 9				
Activities Conducted: (Include location of work performed including equipment used): One team completed mag and dig in M 04 and K 04 and began in K 03. Teams November conducted visual surveys in Tech Approach Area 3. Team November spent the day in the south west and Team India continued transects in the 75 foot transect area of Tech Area 2. Team India also did visual surveys on the 150 foot transects in Tech Approach Area 1. Team November had no anomalies. Team India found one subsurface anomaly. All anomalies found during the assisted visual surveys were non munitions related debris. Explosives inventory was conducted by the SUXOS, UXOQC/SO, and custodian. Site visit by Mark Murphy USACE NWS Regional Project Lead. QA/QC activities were also conducted as summarized on the Daily Quality Control Report (DQCR).					
Munitions and Other Items Found Tod	ay: (Include location of the items found):14 pieces of MDAS including 81mm				
mortar fin, an M 51 37mm APC, and 5 sr	all arms (.50 cal).				
	Encountered: (List any conflicts which have hindered				
visual surveys and other operations toda	/): 19 pounds of NMRD found in K 04.				
Other comments or additional information	tion: Weather was overcast and occasional rain with in the mid 40's.				
	the remote areas. It takes approximately 2 hours to access the remote areas				
before visual surveys can commence.					
An additional five personnel, two UXO Technician IIIs and three UXO Technician II's will be on-site 11-18-2013.					
	port is complete and correct. All material, equipment used, and work performed				
during this reporting period are in compli-	ance with the plans and specifications except as noted above.				
SUXOS	Date : 11/15/2013				
\overline{n}					
DELOIN VI					
L'U Munt					

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS:	Byron Cook	·	
SUXOS:	Rick St.A		UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Munitions Design Center: John M		nter: John Miller
				USACE Regional Project Lead: Mark		d: Mark Murphy
Name F		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	9	
Byron Cook		UXOQC/SO		HDR	9	
Jon Jacobson		Field Geophysy	cist	HDR	9	
Matt Reece		UXO Tech III		HDR	9	Mag and Dig
Rob Nelson		UXO Tech II		HDR	9	Mag and Dig
Neil Roulier		UXO Tech III		HDR	9	India
Kim Hawkins		UXO Tech II		HDR	9	India
D.A. Gordon		UXO Tech III		HDR	9	November
Chuck Dunmire		UXO Tech II		HDR	9	November
Jeff Reuter		Field Tech III		HDR	9	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/15/13	
Description: and Small Ar found during dig in Tech A Area 2 (grid	ms debris the mag and opproach	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	11/15/13	
	ecorded an e point due to ation in Tech	

			PHOTOGRAPHIC LOG
Photo No.	Date:		All and a second
3	11/15/13	Star Call	
Description: found non-m related debri cable, in Tec Area 1.	unitions s, a metal		
			PHOTOGRAPHIC LOG
Photo No.	Date:		