Date: 11/15/2013 HDR EOC		-	ect Name: Por tract #: W9128	•	•	er 0006
12850 E Control Tower Rd		Repo	ort #: 022		·	
Centennial, CO 80112 USACE Safety Specialist: Webster Kel	ller	•	ect Manager:	arry deVries		
SUXOS: Rick St. Amand		-	UXOQCS: Byron Cook			
UXOSO: Byron Cook			ect Geophysic		beon Geonby	eiciet III
					bson, Geophy	
MC Sampling Lead: N/A			tional Team N			
LIST DEFINABL	E FEATURES	S OF WORK A	AND INSPECT	ION COMME	NTS	
Preparatory Phase Inspection:						
Initial Phase Inspection:						
Observed Team Lima establish a grid, d inspect MD. All subtasks performed satis MD Handling, Storage, and Demilitarizat Team Lima UXO Techs II and III perfo grid to be MD. Items determined to be M	sfactorily and tion (3.6.6 Ma prmed indeper	IAW WP.	lly Presenting	an Explosive , determining	Hazard) items recovere	ed from the
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invention	odian conduct and Storage tory and vehic	ed monthly ex procedures we	plosives inven ere followed ections conduc	tory; no discre	epancies	as in
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invention	odian conduct and Storage tory and vehic	ed monthly ex procedures we cle safety insp t initiated in gr	plosives inven ere followed ections conduc	tory; no discre cted Il arms debris	epancies was found	as in
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality	odian conduct and Storage tory and vehic	ed monthly ex procedures we cle safety insp t initiated in gr	plosives inven ere followed ections conduc ids where sma	tory; no discre cted Il arms debris	epancies was found	as in RCQ 2
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality Standardization Test	odian conduct and Storage tory and vehic ppling was not	ed monthly ex procedures we cle safety insp t initiated in gr DGM Acti	plosives inven ere followed ections conduc ids where sma vities Today (	tory; no discre cted Il arms debris According to	epancies was found Work Plan)	
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and inven Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up	odian conduct and Storage tory and vehic apling was not	ed monthly exprocedures we cle safety insp t initiated in gr DGM Acti	plosives inven ere followed ections conduc ids where sma vities Today ( PC 1	tory; no discre cted Il arms debris According to <b>PC 2</b>	was found Work Plan)	RCQ 2
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position	odian conduct and Storage tory and vehic ppling was not LA 1 N/A	ed monthly exprocedures we cle safety inspiration initiated in group to the cle safety of the cle safety inspiration of the cle safety interval definition o	plosives inven ere followed ections conduc ids where sma vities Today ( PC 1 N/A	tory; no discre cted Il arms debris According to PC 2 N/A	was found Work Plan) RCQ 1 N/A	RCQ 2 N/A
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and inver- Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test	odian conduct and Storage tory and vehic ppling was not LA 1 N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety inspiration initiated in group transference of the safety inspiration of the safety	plosives inventer followed ections conductions conductions where smale vities Today ( PC 1 N/A N/A N/A N/A N/A	tory; no discre cted II arms debris According to PC 2 N/A N/A N/A N/A	was found Work Plan) RCQ 1 N/A N/A N/A N/A	RCQ 2 N/A N/A N/A N/A
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test Static/Spike	odian conduct and Storage tory and vehic ppling was not LA 1 N/A N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety insp t initiated in gr DGM Acti LA 2 N/A N/A N/A N/A N/A N/A	plosives inventere followed ections conductions conduc	tory; no discre cted Il arms debris According to PC 2 N/A N/A N/A N/A N/A	was found Work Plan) RCQ 1 N/A N/A N/A N/A N/A N/A	RCQ 2 N/A N/A N/A N/A N/A
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test Static/Spike Point Position/Control Point Check	bdian conduct and Storage tory and vehic ppling was not LA 1 N/A N/A N/A N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety inspit initiated in gr	plosives inventer followed ections conductions conduct	tory; no discre cted Il arms debris According to PC 2 N/A N/A N/A N/A N/A N/A N/A	was found Work Plan) RCQ 1 N/A N/A N/A N/A N/A N/A N/A	RCQ 2 N/A N/A N/A N/A N/A N/A
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test Static/Spike Point Position/Control Point Check IVS	bdian conduct and Storage tory and vehic ppling was not LA 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety insp t initiated in gr DGM Acti LA 2 N/A N/A N/A N/A N/A N/A N/A N/A N/A	plosives inventere followed ections conductions conductions where smatrix vities Today ( PC 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	tory; no discre cted Il arms debris According to PC 2 N/A N/A N/A N/A N/A N/A N/A N/A	was found Work Plan) RCQ 1 N/A N/A N/A N/A N/A N/A	RCQ 2 N/A N/A N/A N/A N/A
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and invent Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test Static/Spike Point Position/Control Point Check IVS Comments for DGM Activities, if any: Comments for Visual Survey Activities make sure they match the stored feature accuracy and quality. Teams Lima and positional accuracy and duplicate results positional accuracy and duplicate results	bdian conduct and Storage tory and vehic pling was not LA 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety insp t initiated in gr DGM Acti LA 2 N/A N/A N/A N/A N/A N/A N/A N/A N/A ta collection we survey data was vas looked at ed the Schreir ember did the	plosives inventere followed ections conduct ids where smather vities Today ( PC 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A as performed for the control point start of day feat	tory; no discre cted Il arms debris According to PC 2 N/A N/A N/A N/A N/A N/A N/A N/A today. oks good; pict nileages, and nt at the start of ature at the start	was found Work Plan) RCQ 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A tures were che data was looke of the day to er ame location to	RCQ 2 N/A N/A N/A N/A N/A N/A N/A N/A cked to ed for overansure ensure
Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and inver- Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test Static/Spike Point Position/Control Point Check IVS Comments for DGM Activities, if any: Comments for Visual Survey Activitie make sure they match the stored feature accuracy and quality. Teams Lima and positional accuracy and duplicate results positional accuracy and duplicate results	bdian conduct and Storage tory and vehic pling was not LA 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety insp t initiated in gr DGM Acti LA 2 N/A N/A N/A N/A N/A N/A N/A N/A N/A ta collection we survey data was vas looked at ed the Schreir ember did the	plosives inventere followed ections conduct ids where smather vities Today ( PC 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A as performed for the control point start of day feat	tory; no discre cted Il arms debris According to PC 2 N/A N/A N/A N/A N/A N/A N/A N/A today. oks good; pict nileages, and nt at the start of ature at the start	was found Work Plan) RCQ 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A tures were che data was looke of the day to er ame location to	RCQ 2 N/A N/A N/A N/A N/A N/A N/A N/A cked to ed for overansure ensure
Verified assigned equipment was signed Mark Murphy, USACE NWS Regional P Technical Approach Area 2 SUXOS, UXOQCS, and magazine custo MD was found by Team Lima; Handling Weekly equipment inspection and inverse Due to consistent rain today, media sam DGM Daily Quality Standardization Test Equipment Warm Up Record Sensor Position Personnel Test Cable Shake Test Static/Spike Point Position/Control Point Check IVS Comments for DGM Activities, if any: Comments for Visual Survey Activitie make sure they match the stored feature accuracy and quality. Teams Lima and positional accuracy and duplicate results Jeff Rueter and pass all QC requiremen Comments for MC Sampling, if any: Non-Compliant Items Identif	bdian conduct and Storage tory and vehic ppling was not LA 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	ed monthly exprocedures we cle safety insp t initiated in gr DGM Acti LA 2 N/A N/A N/A N/A N/A N/A N/A N/A N/A ta collection we survey data was vas looked at ed the Schreir ember did the	plosives inventere followed ections conductions conductions conductions conductions conductions conductions conductions conductions conductions and conduct conduct conduct conduct conduct control point start of day featives results. All starts of day featives control point control	tory; no discre cted II arms debris According to PC 2 N/A N/A N/A N/A N/A N/A N/A N/A today. oks good; pict nileages, and nt at the start of ature at the sa start of day fe	was found Work Plan) RCQ 1 N/A N/A N/A N/A N/A N/A N/A N/A N/A tures were che data was looke of the day to er ame location to	RCQ 2 N/A N/A N/A N/A N/A N/A N/A ecked to ed for overansure ensure ensure ensure hecked by

### Jon Jacobson, Geophysicist II

22

11/15/2013

Byron Cook, UXOQCS

Byron d. Coul

11/15/2013

Project Name:	Port Angeles Combat Range			Report No: 022
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/15/2013
I. Site Safety	Brief Topics:			
	nal Protective Equipment (PPE )/MEC), hydration, field sanitat			nexploded Ordnance/ Munitions and Explosives of (209 ft/ 43 ft), first aid
II. Safety Insp	ections:			
Equipment an	d vehicle safety inspections co	nducted		
III. Problems	Encountered / Corrective Ac	tions Taken	:	
N/A				
IV. Additional	Health and Safety Commen	ts:		
Site visit by M	ark Murphy USACE NWS Reg	ional Project	Lead; safety brief con	ducted, escorted by SUXOS and OESS
Monthly explor	sives inventory conducted			
VII. Visitors				
None				
VIII. Approva				
				Date: 11/15/2013
Byron	n D. Coul			
Вуло	n D. Coul			Date: 11/15/2013

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

#### Comments:

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



#### **Project Manager:**

Larry deVries

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

Port Angeles Combat Range, WA

Date: 15 Nov 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
Joy Jacobson	Geo	HPR	St.
Jeff Ructer	Geor	HPR	ALFF R
Jeff Ructer C DUNNIRE	TECHI	HDR	(1)
D. GORDON	TECHIL	HDR	Dellar
Rominon	TUCL' II	NOR	SHAG.
KH44Kibs	Treh II	FIDR	Aprile
Robert Nelson	UXO IL	HDIZ	K
M. June	WYO III	HDK	Man
R St /mans	SUXOS	Itare	Me
	2		
	Vis	itors	



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

Equipment Description	Asset Number Signatu	Signature of Operator	Equipment Working	
			Yes	No
Schonstedt	3104	02-	Ø	
Schonstedt	1636			
Schonstedt	3658			
Schonstedt	3105	Rouin		
Schonstedt	3885	Rouiner D. youhan	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-site		



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	ment king
	3-0 m		Yes	No
Trimble	3660	ROULIER		
Trimble	3975	J.F. Fr	×	
Trimble	3693	P		
Trimble	3974	Clip	à	
Trimble	3661			
Camera	3963	02-	Ø	
Camera	3964	Ceit	Ø	
Camera	20130901004	Rouise		
Camera	3965	Juf h	×	
Equipment Descript	ion Asset Nເ	umber Describe Proble	m -Malfunctic	on
Equipment sent for repairs	? Date: Click here to enter	er 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. Gonton		
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Rouise	X	

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



Site Name/Location: PACR

Site Supervisor: \_

Vehicle: Project Renta 1#2 / Project # 206945

Date Inspected:

Mileage:

Owner:

	710	-		-				Rei	ntal, St	, Cont	ract)				
	N	lond		1	ues		W	edne		T	hursd	ay		Friday	V
Item Description	Yes	Pas	S N/A	Yes	Pas	T.	-	Pas			Pass		Pass		
Registration and License Plate	TA			Tes	NO	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Insurance	M	H	H	17		HH	17	十片		14					
Emergency Route Map/Phone #s		H	H	HE	扫	HH	HH	H					0		
2 Tires:				113									2		
Pressure	P		Π	P		Π	TP			TR					
Condition	R	F	H	17	日	H	17	十十		H					
3 Equipment:	10									11					
Fire Extinguishers	N			M	Π	П	R			TR		m			-
First Aid/CPR/Burn Kits	T	Ħ	h	7	H	H	17	H	+H	17			1		
Blood Borne Pathogen Kit	F	H	17	H	H	17	H	11	17	H	HH		P		
Eyewash Kits	7	H	Ħ	D	H	H	D		H		HH	2			2
Spare Tire	17	H	H	R	H	H							P	<u> </u>	
Tire Changing Equipment	D	H	H	Ĩ	H		17		+  - -				4	4	
Tie Downs*	HH	H	H	H	H	7	H	+ =	17	HA			R	4	
Chocks*	HH	H	17	H	H	F	H	┼╞┽				P			2
Placards*		H	H	H	H	a		+	R			D	4		D
Other:		H	H	H	H	19	H	HH	P			Y			D
Other:		H	H	H	H		H	┼┾┼		H					
. Brakes															
Hand/Emergency				7	-		D								
Service	4	H	H	12		-11	12	14	1H	12					
. Belts							2						0		
Proper Tension	TAT			771		-	17					_		and a second	
Condition	1	H		12			M			L			D,		
. General:				5			4			4			9		
		-	-							-					
Windshield Winess	4	片	片	1		HI	4	Ц		0					Π
Windshield Wipers	1	님	님	4	님	41		Ц	Ш	0					Π
Windows (Condition/Operation)	4	님	H	4	4	41	2	Ц		Ø			2		Π
Seat Belts	2		41	4		4				Z			8	nt	n
Steering							2						0	<b>F</b>	ħ
lorn			4		4	11	8						D	nt	H
Gas Cap	4		4										ā		H
Airrors				4									0	H	H
Door/Window Handles/Latches				B							T	n1	0		H
Cleanliness										2	F	H-	Ø	H-	片니
Exhaust System										1	<b>n</b>	H	A		H
Lights:	1					+ 17									
							R			1			811		
rake Lights				1						Z	FT+	HT.			
	0.1			2			DY			2	H	H-		=	1
									Fit	1	H		1	=	
urn Signals				1					FI	0	H		3		
mergency Flashers				2			0	T	Fit.	D.	H	-		4	
the second se	11	7		71		F			H	T					



Site	Name/Locat	tion:	PACR
Site	Supervisor:	St.	Amend

Vehicle: Project Rental -#1/Project# 206945

Date Inspected: 11/15/13

Mileage: 6560

Owner: \_\_\_\_\_\_(Rental, SKY Contract)

Item Description	-	Pas		T	Pase		W	ednes Pass			ursd	ay	Friday		
item becompact	Yes	10.00	The second second	Yes	No	N/A	Yes	No	N/A	Yes	Pass		-	Pass	
Registration and License Plate	D	T		D	T		N				NO	N/A	Yes	No	N/A
Insurance	R	T	IT	Ø	Th	H	TA	H	1H	A	12	H	K		
Emergency Route Map/Phone #s		Th	In	A	F	H	1H	H	H	R	H		H		
2 Tires:	1			100				10							
Pressure	N		Π	17			D	Π		TA'					
Condition	IA	T	T	N	Ē	T	TA	TH	H	1 K		H	K		
3 Equipment:							1.00	10							
Fire Extinguishers	N	10				П	17	Π				-			
First Aid/CPR/Burn Kits	10			TX	Ē	Ē	TA	H	1 Fi	A	H	H	8		
Blood Borne Pathogen Kit	D			M	Ē	П	IA	T	H	T		H	H.		
Eyewash Kits	D			D,		Ē	R	IT	H	X	H	H	K		
Spare Tire	Z			Z		Π	N	Th	n	X	H	H	H		
Tire Changing Equipment				Z		Π	Z	In	1 FT	A	H	H	K	H	H
Tie Downs*						N	In	ITT	R	H	H	H			H
Chocks*						N.	IT	In	N	F	H	H			R
Placards*			Ø			N	IT	h	7	H	H	R			R
Other:					Ē	Ē	in	n	h	H	H	H	H		4
Other:			$\overline{\Box}$		T	ħ	H	H	H	H	+++	H	-		H
I. Brakes															
Hand/Emergency	n			M	П	Π	DÍ			n		m	7		-
Service	N	n	TI	n	FIT	ħ	n	П	H	X	++		8	+++	H
i. Belts		_										<u> </u>			
Proper Tension				DI	Π	Π				TÍT	m	m	7	-	-
Condition						Π	ñ	П	H	R	+++	片十	8	++	1
. General:		-													Ш
Windshield	D			R	Π	Π	N			DI	ПТ	m	71		-
Windshield Wipers				N	h	ħ	n	H	H	a	+++	++	H	1	H
Windows (Condition/Operation)				n	<b>F</b>	n	M	H	H	A	H+	#		+++	
Seat Belts				n	<b>h</b>	n	Ā	H	H	Й	H	2	<u> </u>	41	4
Steering	D		T	71	<b>n</b> t	h	Ā	H	H	N	++	+++	8	41	H
Horn	n			7	nt	n	n	H	H	ħ	片	++	-		41
Gas Cap	0			n	<b>n</b> t	<b>H</b>	N	H	H	R	+++	+++	H	4+	41
Mirrors				A	<b>h</b> t	H	n	H	H	A	H+	H+	H	+++	41
Door/Window Handles/Latches		<b>T</b>	<b>T</b>		h	Ħ1		H	HH		++	+++		4+	41
Cleanliness				R	<b>F</b>	<b>H</b>		H	H	D	++	++	8		41
					n	<b>H</b>	R	H	HH	1	++	H	8	4	
Lights:							4-1								4
leadlights (High/Low)						ПТ	N	П			h		MI		
	ati					F1	M	H	HH	Å	-	51		4	41
	ZI	1				H1	n	H	HH	HA-	4		4	4	
	ZI			Z	-	H	a	H	HH	6	4		R	41	4
	Z	7		Z	=+-	H1	7	H		1	-				
	ZI	1	the second se	Z	=+-	H	Ħ	$\exists$	11	Z	4	=	ZI		
	71	=			=		h			#					

Revised 10/31/20129128F-10-D-0058 Delivery Order 0006

HDR	Project Name: Port Angeles Combat Range								
12850 E Control Tower Rd	Project Location: Port Angeles, WA								
Centennial, CO 80112	Report No.: 23 Day/Date: 11/18/2013								
<b>Contract #:</b> W9128F-10-D-0058, Delivery Order 0006									
Personnel on Site/Area of Responsit									
· · ·									
See Attached Site Personnel List	Site Operating Hours: 10								
dig in K 03, L 03, L02, K 02, N 02, N 03 Team November spent the day in the s	<b>Activities Conducted:</b> (Include location of work performed including equipment used): Two teams completed mag and dig in K 03, L 03, L02, K 02, N 02, N 03, N04. Team November conducted visual surveys in Tech Approach Area 3. Team November spent the day in the south west and found one surface anomaly that was non-munitions related debris. Team India was used for demolition operations								
QA/QC activities were also conducted a	as summarized on the Daily Quality Control Report (DQCR).								
	<b>Dday:</b> (Include location of the items found): Four each Projectile, 37mm, M63 HE. Drtar fin, two 81mm mortar bases, two M 51 37mm armor piercing projectiles, and								
	<b>s Encountered:</b> (List any conflicts which have hindered lay): 75 pieces weighing over 100 pounds of Non-Munitions Related Debris								
	teams down during the mag and dig activities.								
Other comments or additional inform	nation: Weather was constant rain with in the mid 40's.								
Schedule: Production has slowed due t before visual surveys can commence.	to the remote areas. It takes approximately 2 hours to access the remote areas								
An additional five personnel, two UXO <sup>-</sup> expedite field operations.	An additional five personnel, two UXO Technician IIIs and three UXO Technician II's will were on-site 11-18-2013 to expedite field operations.								
	report is complete and correct. All material, equipment used, and work performed liance with the plans and specifications except as noted above.								
SUXOS	Date: 11/18/2013								
Roul									
	- 1								

USACE OESS:	Webster Keller		USACE PM:	Mirek Towste	r				
PM:	Larry Devries		UXOQCS:	Byron Cook					
SUXOS:	Rick St.Amand		UXOSO:	Byron Cook					
MC Sampling Lead			Other:	USACE Munitions Design Center: John Mille					
						ad: Mark Murphy			
Name		Posit	ion	Employer	Hours	Team			
Rick St.Amand	SUX			HDR	10				
Byron Cook		QC/SO		HDR	10				
John Brunkhorst		Tech III		HDR	10	Mag and Dig			
Matt Reece		Tech III		HDR	10	Mag and Dig			
Rob Nelson		Tech II		HDR	10	Mag and Dig			
Neil Roulier	UXO	Tech III		HDR	10	Demo			
Kim Hawkins		Tech II		HDR	10	Demo			
D.A. Gordon		Tech III		HDR	10	November			
Chuck Dunmire	UXO	Tech II		HDR	10	November			
Jeff Reuter		Tech III		HDR	10				
Josh Gullickson		Tech II		HDR	10	Mag and Dig			
Frank Czajkowski		Tech II		Versar	10	Mag and Dig			
Edward Coughlin		Tech II		Versar	10	Mag and Dig			
Jeff Massie	UXO	Tech II		Versar	10	Mag and Dig			

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1 Description: November at unsurveyable showing den vegetation in Approach Are	an point se Tech	<image/>
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2 Description: Oscar's 'mag completed' p showing the	11/18/13 Team g and dig hoto munitions in Grid N-03, ch Area 2 in	

			PHOTOGRAPHIC LOG
Photo No.	Date:		
3	11/18/13		
Description: 37mm project found by Tea Grid K-03, Tr Approach Ar open field.	ctile (MEC) am Lima in ech		
			PHOTOGRAPHIC LOG
Photo No.	Date:		

<b>Date</b> : 11/18/2013 <b>HDR EOC</b> 12850 E Control Tower Rd		Con	ect Name: Por tract #: W9128			er 0006			
Centennial, CO 80112		•	<b>Report #</b> : 023						
USACE Safety Specialist: Webster Ke									
SUXOS: Rick St. Amand UXOQCS: Byron 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 FEATURES	OF WORK	AND INSPECT	ION COMME	NTS				
<b>Preparatory Phase Inspection:</b> Subsu Five additional personnel were added to and personnel briefed on procedures, a and prepared for operation.	the site and	designated fo	r mag & dig op	erations. Qual					
MD Handling, Storage, and Demilitariza New personnel were briefed on MD han	•			•	Hazard)				
MEC Disposal by Detonation (3.6.5 Der Personnel designated for demolitions of assigned		,	ocedures, insp	ected equipm	ent, and had t	asks			
Initial Phase Inspection: Subsurface In Newly assigned personnel were immed Preparatory Phase Inspection. Grid set- deficiencies were noted.	iately integrate	ed into intrusi	e investigation	s following sit					
MD Handling, Storage, and Demilitariza No deficiencies noted	tion (3.6.6 Ma	terial Potentia	ally Presenting	an Explosive I	Hazard)				
MEC Disposal was initiated following Pr drew explosives and walked them to the agreed they were safe to move. MEC ite outlined in the work plan, EM 385-1-97,	e disposal site ems were tran	, SUXOS and sported by ha	UXOSO/QCS and to the dispo	identified ME0 sal site. Dem	C items found olition proced	in K-3 and			
Follow-Up Phase Inspection:									
Additional QC/QA Comments: Five new personnel were added to the so observation begins today. Schonstedts used in the field were tester MD found today inspected by SUXOS as procedures completed Due to consistent rain today, media sam No means of weighing MD and Non-Mu estimating weights. The second mag an	ed at the IVS; and designated of the IVS; and designated of the notice of the IVS; and the IVS;	all Schonsted as MDAS, s initiated in g d Debris (NM	ts were function tored in a locka ids where sma RD) given to se	ning properly able container. Il arms debris econd mag & d	MD handling was found	and storage			
DGM Daily Quality		DGM Act	ivities Today (	According to V	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:	No DGM dat	ta collection v	as performed	today.					
<b>Comments for Visual Survey Activitie</b> make sure they match the stored feature accuracy and quality. Teams Lima and positional accuracy and duplicate result positional accuracy and duplicate result Jeff Rueter and pass all QC requirement <b>Comments for MC Sampling if any:</b>	e class, data v Oscar measu s. Team Nove s compared to	vas looked at red the Schre ember did the	to determine n iner control po start of day fea	nileages, and o int at the start ature at the sa	data was look of the day to me location to	ed for overall ensure o ensure			
Comments for MC Sampling, if any:		<u> </u>							
Non-Compliant Items Identif Two Versar personnel on site did not pr qualifications. Personnel were allowed t	ovide proof of		Non-Com	pliant Items (	Corrected To	day			

assurance from their PM and UXO Manager th qualified and certifications would be provided work tomorrow.	
	eport is complete and correct and the equipment and material used and in compliance with the work plan specifications to the best of my knowledge
Jon Jacobson, Geophysicist II	
AA	
the second s	11/18/2013
Byron Cook, UXOQCS	
Byzon D. Laul	
V	11/18/2013

Project Name	: Port Angeles Combat Rang	е		Report No: 023
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/18/2013
I. Site Safety	Brief Topics:			
Driving, Perso	•			nexploded Ordnance/ Munitions and Explosives of 209 ft/ 43 ft), first aid
II. Safety Ins	pections:			
	XOS demo brief prior to demo lance with applicable guidance		ons; observed demolitic	ons procedures. Operations were performed safely
III. Problems	Encountered / Corrective A	ctions Taken	1:	
N/A				
IV. Additiona	al Health and Safety Comme	nts:		
reviewed and emergency ro Vehicle adde	given Appendix G: Ordnance oute and contact numbers	Technical Da	ta Sheets from the wo	d were briefed site specific safety considerations, rk plan for use in the field, daily operations, and le book including proof of insurance and accident pers
				ntaining MEC and agreed to drop grids from this
VII. Visitors	nal lead into Surveyor Creek	que lo nazaro	s posed by terrain (des	signated as unsurveyable slope from LiDAR data).
None				
VIII. Approva				
				Date: 11/18/2013
Byre	m D. Carl			

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





**Project Manager:** 

Larry deVries

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

Date: 18 Nov 2013

SSHO: Byron Cook

Name	Position	Employer	O & Signature
CDUNNEE	4 ONU	HOR	( the
D GORDON	4XO TI	HOR	D. Josefa-
Robert Nelson	UNOT	HOR	a
Jeff Rueter	600	HPR	JUFFR
John Brunkhorst	UXOT .	HDR	John Breakhorst
Jost Greifeson	UKOTT	HDR	gami
M. Jace	VXOIT	HPR	MAR
Koulun	UNO TI	MOR	JACH
fim questing	4 Xoft	45 por	PAF tota
JERE MASSIE	Uxod	VERSAR	1 Nelling
Ed Coughlin,	UKOIT	Versar	42 SAL
TRANK (20/ Ampli	TEAN	VEESAR	TOTAL
TACK OF AMAND	SUXOS	HOR	1. Afort
wybran	OPESS	Co£	non nen
	Visito	ors	



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

Equipment Description	Asset Number	Signature of Operator	Equip Worl	ment king
			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693			
Trimble	3974	10007	k	
Trimble	3661	ROULIOR	A	
Camera	3088			
Camera	3083			
Camera	3084	Call	ÂQ.	
Camera	3963			
	1004	Roucion	R	

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	Asset Number	Signature of Operator	Equipment Working		
			Yes	No	
Garmin	3678	D. Hoshon	×		
Garmin	3679				
Garmin	3680				
Garmin	3682				
Garmin	3798				
Garmin	3685	Rourise			

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	Equipment Working		
			Yes	No	
Schostedt	3104		N		
Schostedt	1636				
Schostedt	3658				
Schostedt	3105	Rourin	¥		
Schostedt	3885	D. Morton	M		
Schostedt	3887				
White	3894				

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

12850 E Control Tower RdProCentennial, CO 80112ReDa	
Centennial, CO 80112 Re Da Co Personnel on Site/Area of Responsibility/I	port No.: 24 by/Date: 11/19/2013 ontract #:W9128F-10-D-0058, Delivery Order 0006 Daily Site Operating Hours:
Da Co Personnel on Site/Area of Responsibility/I	y/Date: 11/19/2013 ontract #:W9128F-10-D-0058, Delivery Order 0006 Daily Site Operating Hours:
Co Personnel on Site/Area of Responsibility/I	ontract #:W9128F-10-D-0058, Delivery Order 0006 Daily Site Operating Hours:
Personnel on Site/Area of Responsibility/	Daily Site Operating Hours:
· · · · ·	
See Attached Site Personnel List	
	Site Operating Hours: 10
dig in grids L 00, L 01, M 00, M 01, M 02, M 0 Team November conducted visual surveys in	vork performed including equipment used): Two teams completed mag and 03, N 00, N 01, N05, N 06, N 07, P 06, P 07, P 08, Q 07, Q 08, and R 08. In Tech Approach Area 3. Team November spent the day in the south west in-munitions related debris (NMRD). All accessible/surveyable transects in
QA/QC activities were also conducted as sur	mmarized on the Daily Quality Control Report (DQCR).
	(Include location of the items found): 11 pieces of MDAS including 81mm mortar (grid M 03), two M 51 37mm armor piercing projectiles (grids N 07
	countered: (List any conflicts which have hindered Over 200 pieces weighing over 80 pounds of non munitions related debris
Other comments or additional information	n: Weather was partly cloudy with in the mid 40's.
before visual surveys can commence.	e remote areas. It takes approximately 2 hours to access the remote areas mician IIIs and three UXO Technician II's will were on-site 11-18-2013 to
· · · · · · · · · · · · · · · · · · ·	t is complete and correct. All material, equipment used, and work performed e with the plans and specifications except as noted above.
SUXOS	Date: 11/19/2013
Bull	

USACE OESS:	Webster Keller	USACE PM:	Mirek Towste	r		
PM:	Larry Devries UXOQ		Byron Cook			
SUXOS:	Rick St.Amand UXOSO:		Byron Cook			
MC Sampling Lead	N/A	Other:		tions Design Ce	enter: John Miller	
			USACE Munitions Design Center: John Miller USACE Regional Project Lead: Mark Murphy			
Name	Posi	tion	Employer	Hours	Team	
Rick St.Amand	SUXOS		HDR	10		
Byron Cook	UXOQC/SO		HDR	10		
John Brunkhorst	UXO Tech III		HDR	10	Mag and Dig	
Matt Reece	UXO Tech III		HDR	10	Mag and Dig	
Rob Nelson	UXO Tech II		HDR	10	Mag and Dig	
Neil Roulier	UXO Tech III		HDR	10	Mag and Dig	
Kim Hawkins	UXO Tech II		HDR	10	Mag and Dig	
D.A. Gordon	UXO Tech III		HDR	10	November	
Chuck Dunmire	UXO Tech II		HDR	10	November	
Jeff Reuter	Field Tech III		HDR	10		
Josh Gullickson	UXO Tech II		HDR	10	Mag and Dig	
Frank Czajkowski	UXO Tech II		Versar	10	Mag and Dig	
Edward Coughlin	UXO Tech II		Versar	10	Mag and Dig	
Jeff Massie	UXO Tech II		Versar	10	Mag and Dig	
	l		1			

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/19/13	
<b>Description:</b> November in Approach Ar Transects Ea of this point v inaccessible slope and thi vegetation.	Tech ea 3. ast-Northeast were due to steep	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	11/19/13	
Description: Projectile, Al found during	PC M51	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	11/19/13	
Description:	81mm	
mortar, Targ	et Practice	
(wax filled) f	ound in Grid	
M-03		
		PHOTOGRAPHIC LOG
Photo No.	Date:	

Date: 11/19/2013	Project Name: Port Angeles Combat Range				
HDR EOC 12850 E Control Tower Rd	Contract #: W9128F-10-D-0058, Delivery Order 0006				
Centennial, CO 80112	Report #: 024				
USACE Safety Specialist: Webster Keller         Project Manager: Larry deVries					
UXOS: Rick St. Amand UXOQCS: Byron Cook					
JXOSO: Byron Cook         Project Geophysicist: Jon Jacobson, Geophysicist III					
MC Sampling Lead: N/A	Additional Team Members:				
LIST DEFINABLE FEATURES OF W	ORK AND INSPECTION COMMENTS				
Preparatory Phase Inspection:					
Initial Phase Inspection:					
Follow-Up Phase Inspection: Subsurface Investigations (3.7	1.7 Intrusive Investigation)				
Observed both mag & dig teams perform subsurface investigation	ations: Teams located grid corners using Trimble GeoXH,				
checked for anomalies and marked out corners with grade stakes, and lay out lines to designate lanes at 50-ft spacing.					
Sweep speeds were appropriate and anomaly investigation w	vas performed as applicable. Teams are relaying requested				
data back to SUXOS and storing on Trimble.					
MD Handling, Storage, and Demilitarization (3.6.6 Material Po	otentially Presenting an Explosive Hazard)				
A teams' Tech II and the Tech III are conducting independent					
both inspections are checked again by the SUXOS. MD deter					
Inspection process was completed.					
Additional QC/QA Comments:					
Versar supplied Schondtedts in support of their personnel on	site. Versar personnel are maintaining their own equipment				
inventory but are otherwise integrated into existing teams. Sc	honstedts used in the field were tested at the IVS. All				
Schonstedts were functioning properly.					
XRF sampling will be conducted Thursday (Nov 21, 2013) to	•				
Second mag & dig team was provided a scale to measure ME	D weights per grid				
Comments for DGM Activities, if any: No DGM data collect	ction was performed today.				
Comments for Visual Survey Activities: Team November v					
was QC'd and looks good; pictures were checked to make su					
-	y and quality. Team November did the start of day and point				
generic position check features at the same location to ensure					
features were checked by Jeff Rueter and pass all QC require Approach Area 3 are completed at this time.	ements. All accessible/surveyable transects in Technical				
Comments for MC Sampling, if any:					
Non-Compliant Items Identified Today	Non-Compliant Items Corrected Today				
	All personnel qualifications/certifications have been provided and are available for inspection				
On behalf of the contractor, I certify that this report is complet					
work performed during this reporting period is in compliance v unless otherwise noted in this report.					
Byron Cook, UXOQCS					
Byron D. Carl					
1 y low a court					

Begion	J.	Carl
000		

11/19/2013

Project Name	: Port Angeles Combat Rang	e	Report No: 024		
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 11/19/2013		
I. Site Safety	Brief Topics:				
<ul> <li>driv</li> <li>Per</li> <li>slip:</li> <li>Une</li> <li>hyd</li> <li>field</li> <li>Exc</li> <li>first</li> <li>wea</li> <li>II. Safety Ins</li> <li>Observed Det</li> </ul>	ing- beware of school buses sonal Protective Equipment ( s, trips, and falls- take time a exploded Ordnance/ Munition ration- status of site water su d sanitation/hygiene- status o lusion Zone (EZ) (209 ft/ 43 f aid- status of supplied team ather- currently 28, expected pections:	hygiene supplies t)- no visitors expected today, operat first aid high of 39, sunny and clear	asks g up grids		
III. Problems N/A	Encountered / Corrective A	Actions Taken:			
IV. Additiona	I Health and Safety Comme	ents:			
No additional	comments				
VII. Visitors	VII. Visitors				
None	None				
VIII. Approva	l				
			Date: 11/19/2013		
Byro	n D. Carl				

Location of Job (Unit/Location on Project Port Angeles Combat Range	ot):	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





### Project Manager:

Larry deVries

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

For Angeles C

Date: 19 Nov 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
F. CZAROWERI	102	The state	Fibel
DEFF MASSIE	TECH AF	Velsia	Neg Jugani
Ed azappin	T-II	Versar	1ESCID
D. GORDON	Tech TT	HOR	D. Dochon
M. Kune	Techtil	HDR	Mark
Kouciet	Timetty	140R	9745
E Dalling	jech dt	APR	Kill have
Jeff rebeter	I Geo	HPR	AND -
COUNMIRE		HOR	
John Brunkhovst	4 UXO TI YXO TI	UDP	ALR. M.L
Dohn Brunkhovst Dest Guccickson	VKOTT	HOR	and the second second
Rick St. Amana	50105	ITOR	Mat 1
Mer doffinitive			Cana
	1		
	Visit	tors	
	Vian		



D-0058

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Trimble	3660			
Trimble	3975	m	A	
Trimble	3693	The second	Ø	
Trimble	3974	alto	X	
Trimble	3661	Rourism	X	
Camera	3088			
Camera	3083- 3965	pan	X	
Camera	3084	Cipi	X	
Camera	3963			
	1004	Rouise	x	

	Equipment Description	n Asset Number	Describe Problem -Malfunction
Equipment sent for repairs? Date: Click here to enter a date. Yes No	uipment 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 Work	
			Yes	No
Garmin	3678	D. Gorhon		
Garmin	3679	<u></u>		
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Rouwon		

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	Equip Work	
			Yes	No
Schostedt	3104			
Schostedt	1636			
Schostedt	3658			
Schostedt	3105	Roulin		
Schostedt	3885	D. Monton	X	
Schostedt	3887			
White	3894			

Equipment Description		Asset Number	Desc	ribe Proble	em -Malfu	nction
Equipment sent for repairs?	Date: 0	lick 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.: 25
	Day/Date: 11/20/2013
	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
dig in L 05, M 05, M 06, M 07, M 08, K 0 conducted visual surveys in Tech Approx found nothing. This completes the surve	of work performed including equipment used): Two teams completed mag and 5, P 01, P 02, P 03, P 04, P 05, R 10, Q 09, Q 10, and R 09. Team India ach Area 2. Team India spent the day in the south west part of the area and yable and accessible transects in the MRS.
81mm tail fin .5 lb. P 04, one piece of fra AP 1.5 lb. M 06, one piece of frag and th	<b>lay:</b> (Include location of the items found):P 02, 1 piece of frag .25 lb. P 03, one ag and one M51 37mm AP 1.25 lb. L 05, two pieces of frag and one M 51 37mm he lower part of an M 57 81mm WP 3 lb. M 07, three pieces of frag .25 lb. M m AP 1.25 lb. R 09, two piece of frag1 lb. R 10, one pieces of frag 1 lb. Q 10,
	<b>Encountered:</b> (List any conflicts which have hindered y): Over 250 pieces weighing over 250 pounds of non munitions related debris
Other comments or additional informa	tion: Weather was sunny with in the near 40.
Schedule: With the additional grids that 2013.	need to be investigated the current projected completion is 20 December
	eport is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.
SUXOS	Date: 11/20/2013
RAR	

USACE OESS:	Webster 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:		tions Design Co	enter: John Miller
					ad: Mark Murphy
Name		Position	Employer	Hours	Team
Rick St.Amand	SUXOS		HDR	10	
Byron Cook	UXOQC/	SO	HDR	10	
John Brunkhorst	UXO Teo		HDR	10	Mag and Dig
Matt Reece	UXO Teo	h III	HDR	10	Mag and Dig
Rob Nelson	UXO Teo	:h II	HDR	10	Mag and Dig
Neil Roulier	UXO Tec	h III	HDR	10	India
Kim Hawkins	UXO Teo	:h II	HDR	10	India
D.A. Gordon	UXO Teo	h III	HDR	10	Mag and Dig
Chuck Dunmire	UXO Teo	h II	HDR	10	Mag and Dig
Jeff Reuter	Field Tec		HDR	10	
Josh Gullickson	UXO Teo	:h II	HDR	10	Mag and Dig
Frank Czajkowski	UXO Tec	:h II	Versar	10	Mag and Dig
Edward Coughlin	UXO Teo	:h II	Versar	10	Mag and Dig
Jeff Massie	UXO Teo	:h II	Versar	10	Mag and Dig

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/20/13	
Description: recorded an unsurveyable Tech Approa	e area in	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	11/20/13	
Description: 37mm AP bo discovered d dig in Tech A	dies (MD) uring mag &	

		PHOTOGRAPHIC LO
Photo No.	Date:	
3	11/20/13	
an M57 81m phosphorus	(WP) mortar during mag &	
Photo No.	Date:	PHOTOGRAPHIC LOG
Photo No. 4	<b>Date:</b> 11/20/13	PHOTOGRAPHIC LOG
4 Description:	11/20/13	PHOTOGRAPHIC LOG
Data: 44/00/0040	Project News, Dort Annales Combet Dance	
---	--	
Date: 11/20/2013 HDR EOC	Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006	
12850 E Control Tower Rd		
Centennial, CO 80112	Report #: 025	
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 W	ORK AND INSPECTION COMMENTS	
Preparatory Phase Inspection:		
Initial Phase Inspection:		
Follow-Up Phase Inspection:		
Additional QC/QA Comments:		
Observed morning Schonstedt function test: all Schonstedts		
Received Technical Approach Area 2 density maps: assisted	SUXOS in estimating time required to finish project	
Participated in weekly status call	- Here, the survey of the standard from a sector back	
XRF sampling will be conducted Thursday (Nov 21, 2013) to Observed SUXOS inspection of MD collected by team leader	•	
container	s, MD was identified as MDAS and stored in a lockable	
Container		
Due to time estimated to finish the project after receiving den the Thanksgiving holiday. UXOSO/QCS assisted in making tr activities Saturday, Nov 23, 2013. Site equipment will be dow room, allowing parking for the leased vehicle. Following equip allowed to travel to Seattle for departure flights Sunday, Nov day to perform a weekly magazine inspection. Personnel are beginning the afternoon of Tuesday, Dec 3, 2013.	ravel arrangements. Site personnel will begin demobilization vnloaded from vehicles and stored in one maintained hotel oment inventory, inspection, and storage personnel will be 24, 2013. SUXOS and UXOSO/QCS will stay an additional	
<b>Comments for DGM Activities, if any:</b> DGM is complete		
Comments for Visual Survey Activities: Team India was th	ne only Visual Survey team today. All visual survey data was	
QC'd and looks good; pictures were checked to make sure the determine mileages, and data was looked for overall accurace point at the start of the day to ensure positional accuracy and Jeff Rueter and pass all QC requirements. All accessible/surv completed at this time.	ey match the stored feature class, data was looked at to y and quality. Team India measured the Schreiner control I duplicate results. All start of day features were checked by	
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 comple- 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	
Byron Cook, UXOQCS		
Byron D. Carl	11/20/2013	
	11/20/2013	

Project Name:	Port Angeles Combat Rang	е	Report No	: 025
Project No:	W9128F-10-D-0058	Location: Port Angeles, \	VA Date: 11/2	20/2013
I. Site Safety	Brief Topics:			
<ul> <li>Person</li> <li>slips</li> <li>Unecom</li> <li>hyd</li> <li>field</li> <li>Exc</li> <li>first</li> <li>weat</li> <li>II. Safety Insp</li> <li>Observed teat</li> <li>the precaution</li> </ul>	s, trips, and falls- everyone's exploded Ordnance/ Munitions inplacent I sanitation/hygiene- status of lusion Zone (EZ) (209 ft/ 43 ft aid- be sure to have minimur ither- currently 23, expected the pections: ms negotiate difficult terrain w	PPE)- checked status of suppl been on site and know what te s and Explosives of Concern ( bply hygiene supplies )- visitors expected tomorrow, n first aid supplies on hand pe high of 37, sunny and clear	rrain they'll encounter; traverse appr JXO/MEC)- live items have been en operational distance between teams	countered, don't get s to exceed EZ p/fall hazards. Some of
III. Problems N/A	Encountered / Corrective A	ctions Taken:		
IV. Additiona	I Health and Safety Comme	nts:		
No additional	comments			
VII. Visitors				
None				
VIII. Approva	I			
			Date: 11/19/2013	
Byro	n D. Coul			

Location of Job (Unit/Location on Proje Port Angeles Combat Range	ct):	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 Preparation	Assembly Point:	Are other crews in area?
<ol> <li>Fill out Daily Tailgate/Safety Sign-In.</li> <li>Review Daily Tailgate/Safety Sign-In.</li> <li>Sign Daily Tailgate/Safety Sign-In.</li> </ol>	<ol> <li>Staged vehicles</li> <li>Staging area</li> </ol>	Yes

#### Comments:

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





Project Manager:

Larry deVries

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

Port Angeles Combat Range, WA

Date: 20 Nov 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
M. Recce	Teenil	HUR	Mun
D. GORDON	Tech III	HOR	D. Hanha 1
KHAUKIS	yech II	HOR	Kitzfor
12 CZO, KOWSKI	TENA	VERSAR	7. Marc
6 Coughlin	Jechil	Versar	ESIND
DEM MASSIE	TECH #	VERSAR	fild in in
JOHN BRUNKHORST	Tech ta	HDR	The Stinobulet
Josef Guerickeson Teff Rueter	JECH III	HDIZ	Jose T
CONNIDE	TECH I	HDR	OCH IN
Robert Nelson	UXOT	HDR	B
Rouism	TUTH	Hon	Deal
Rick St An An	D Soxns	HAR	RHO/
illine in il inte	-7000	6/10	Dina
	Visito	rs	



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

Asset Number	Signature of Operator	Equip: Work	
	11	Yes	No
3660	A.A.	×	
3975	mon	ø	
3693	12	X	
3974	cert-	Æ	
3661			
3088			
<del>3083</del> 3965	gni	Ø	
3084	Cesa	A	
3963	R	M	
	3975 3693 3974 3661 3088 <del>3083</del> <b>3965</b> 3084	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Asset NumberSignature of OperatorWork Yes $3660$ $4$ $4$ $3975$ $4$ $4$ $3693$ $4$ $4$ $3693$ $4$ $4$ $3974$ $6$ $4$ $3661$ $1$ $3088$ $1$ $3088$ $1$ $3084$ $4$ $2062$ $4$

oution x 1000 **Equipment Description Describe Problem -Malfunction Asset Number** 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: Work	
Edulphient Proortbrien			Yes	No
Garmin	3678	D. Veenn	K	
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Rourion	ZX.	

Equipment Description	Asset Number	Describe Proble	em -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 Work	
			Yes	No
Schostedt	3104	Miller	\$	
Schostedt	1636			
Schostedt	3658			
Schostedt	3105	Ki Juli	X	
Schostedt	3885	D. Vinhon	-	
Schostedt	3887	- mon		
White	3894			

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

HDR 12850 E Control Tower Rd Centennial, CO 80112 Project Name: Port Angeles Combat Range Project Location: Port Angeles, WA Report No.: 26 Day/Date: 11/21/2013 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): Two teams completed mag and dig in R 11, Q 011, T 11, S 08, S 09, S 10, S 11, J 08, K 08, L 08, N 08, J 07, K 06, I 08, J 09, K 07, L 07 and L 06. XRF sampling was done on the berm like feature in the North East of the MRS. XRF sampling was also conducted in L 03, L 04, and K 04. The weekly magazine inspection was conducted by the SUXOS and the UXOQC/SO.

QA/QC activities were also conducted as summarized on the Daily Quality Control Report (DQCR).

**Munitions and Other Items Found Today:** (Include location of the items found):Q 11, 14 pieces of frag 1 lb. S 11, two pieces of frag .5 lb. L 06, two pieces of frag and one M51 37mm AP 1.5 lb. N 08, two pieces of frag and two pieces from an 81mm HE projectile 2 lbs. K 08, two pieces of frag .25 lb. j 08, one piece of frag .25 lb. K 06, one piece of frag .25 lb. I 08, one piece of frag .25 lb. K 07, one piece of frag .25 lb.

**Changed Conditions/Delays/Conflicts Encountered:** (List any conflicts which have hindered visual surveys and other operations today): Over 165 pieces weighing over 400 pounds of non munitions related debris were found today. J 10 is inaccessible for investigation. The five grids North, South, and West of I 08 are inaccessible for investigation.

Other comments or additional information: Weather was sunny with in the mid 30's.

Schedule: With the additional grids that need to be investigated the current projected completion is 20 December 2013.

**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: 11/21/2013
al wal	

USACE OESS:	Webster 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:		tions Design Co	enter: John Miller	
			USACE Regional Project Lead: Mark Murphy			
Name Posit		osition	Employer	Hours	Team	
Rick St.Amand	SUXOS		HDR	10	XRF	
Byron Cook	UXOQC/SO		HDR	10		
John Brunkhorst	UXO Tech II		HDR	10	Mag and Dig	
Matt Reece	UXO Tech II		HDR	10	Mag and Dig	
Rob Nelson	UXO Tech II		HDR	10	Mag and Dig	
Neil Roulier	UXO Tech II	l	HDR	10	Mag and Dig	
Kim Hawkins	UXO Tech II		HDR	10	Mag and Dig	
D.A. Gordon	UXO Tech II		HDR	10	Mag and Dig	
Chuck Dunmire	UXO Tech II		HDR	10	Mag and Dig	
Jeff Reuter	Field Tech II		HDR	10	XRF	
Josh Gullickson	UXO Tech II		HDR	10	Mag and Dig	
Frank Czajkowski	UXO Tech II		Versar	10	Mag and Dig	
Edward Coughlin	UXO Tech II		Versar	10	Mag and Dig	
Jeff Massie	UXO Tech II		Versar	10	Mag and Dig	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	11/21/13	
Description: found during (grid N-08).		
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	11/21/13	
Description: found during (grid L-06).		Contraction of the second of t

		PHOTOGRAPHIC LO
Photo No.	Date:	
3	11/21/13	
Description: collected dur dig (grid Q-1	ing mag &	
		PHOTOGRAPHIC LOG
Photo No.	Date:	PHOTOGRAPHIC LOG
Photo No. 4	<b>Date:</b> 11/21/13	PHOTOGRAPHIC LOG
		PHOTOGRAPHIC LOG
4	11/21/13 In-situ XRF Fech	PHOTOGRAPHIC LOG

Date: 11/21/2013	Project Name: Port Angeles Combat Range				
HDR EOC 12850 E Control Tower Rd	<b>Contract #</b> : W9128F-10-D-0058, Delivery Order 0006				
Centennial, CO 80112	Report #: 026				
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 W	ORK AND INSPECTION COMMENTS				
Preparatory Phase Inspection:					
Initial Phase Inspection:					
the MRS, declining below the mean to meet its opposite at th Visual Survey and the area is out of line of the ASR firing poi situations that are encountered during field operations that w laboratory analysis is required ). XRF screening was also started in the four grids (K-03, K-0	be in Tech Approach 1 opposite the slope sampled on Nov m,' with a sharp incline from the mean on the east, outside of the creek. No small arms debris was located during Assisted nt (no firing platform indicated) (3.1.11.2, four general ould be evaluated to determine if lead sampling and 04, L-03, and L-04) where small arms (.50 caliber) debris was				
found. Sampling was not completed and will resume tomorrow (Nov 22, 2013). All readings were below action level; expendable waste debris was therefore considered non-contaminated and disposed of as trash.					
Additional QC/QA Comments: Observed morning Schonstedt function test: all Schonstedts Magazine inspection conducted: no evidence of tampering or Observed SUXOS inspection of MD collected by team leader container	vandalism, chain restricting access is still intact				
Comments for DGM Activities, if any: DGM is complete					
Comments for Visual Survey Activities: All accessible/survey	veyable transects are tentatively complete at this time				
<b>Comments for MC Sampling, if any:</b> Thirty-three points we level. More XRF sampling is planned, but no laboratory sampling is planned.	-				
Non-Compliant Items Identified Today	Non-Compliant Items Corrected Today				
On behalf of the contractor, I certify that this report is comple 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				
Byron Cook, UXOQCS					
Byron & Carl	11/21/2013				
	11/21/2013				

Project Name:	Port Angeles Combat Rang	e		Report No: 026	
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/21/2013	
I. Site Safety	Brief Topics:				
<ul> <li>driving- be aware of school buses and children on the sides of the road, observe posted speed limits</li> <li>Personal Protective Equipment (PPE)- checked condition of PPE</li> <li>slips, trips, and falls- be especially careful in undergrowth and litter now that teams are working under canopy</li> <li>Unexploded Ordnance/ Munitions and Explosives of Concern (UXO/MEC)- safe intrusive procedures</li> <li>hydration- status of site water supply</li> <li>field sanitation/hygiene- status of hygiene supplies</li> <li>Exclusion Zone (EZ) (209 ft/ 43 ft)- visitors expected tomorrow, operational distance between teams to exceed EZ</li> <li>first aid- status of supplied team first aid</li> <li>weather- currently 25, expected high of 39, sunny and clear</li> </ul> SUXOS and UXOSO/QCS inspected the magazines: <ul> <li>the chain reducing traffic to the magazine site is intact and appears to not have been tampered with</li> <li>the grounding is still in place</li> <li>doors and locks have not been tampered with</li> <li>no marks are present to indicate attempted access or vandalism</li> </ul>					
• no r	narks are present to indicate	attempted acc			
III. Problems	Encountered / Corrective A	ctions Taker	1:		
	I Health and Safety Comme	nts:			
No additional	comments				
VII. Visitors					
None					
VIII. Approva					
Byro	n D. Coul			Date: 11/21/2013	

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

#### 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: 11/21/2013

SSHO: Byron Cook

1 Name	Position	Employer	) Signatu/e
lim Hawking	Tech Tt	HDR	logh
Kourion	Tout TI	HOR	1 fer
M. Raie	Tuht	HOR	Mac
D. Goepon	Tech TI	HOR	And Bordon
CDUNMIRE	TECHA	HBR	Cele
Ed COUGHEAN 3. GNILICKSON	TEALT	Versar HDP	Circle
SFF MASSIE	FECH IL	VERSAN	A MAN T
F. G2ASKOWAI	7-2	VERSAR	2 Bart
RICK St. Anton	SUXOS	HAR	CLAED /
Jeff Ruefel	Geo	HDR	FEFR
JOHN BRUNKHORST	UNOT	HPR	Shanny ,
JOHN BRUNKHORST	UKOT	HOK	John Branchorst
	Visitor	rs .	
	VISILOI		

Delivery Order 0006

Contract No.: W9128F-10-D-0058



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

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Trimble	3660			
Trimble	3975	An		
Trimble	3693	R	Ŕ	
Trimble	3974			
Trimble	3661			
Camera	3088			
Camera	3083 3965	An		
Camera	3084	7		
Camera	3963	12		

	Equipment Description	n Asset Numbe	er D	escribe Probl	em -Malfu	nction
Equipment sent for repairs? Date: Click here to enter a date. Yes No	ipment sent for repairs?	Date: Click here to enter a da	ate. Ye	s 🗌	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	Equipment Working		
			Yes	No		
Garmin	3678					
Garmin	3679					
Garmin	3680					
Garmin	3682					
Garmin	3798					
Garmin	3685					

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



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

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
			Yes	No
Schostedt	3104	N UM	V	
Schostedt	1636			
Schostedt	3658			
Schostedt	3105			
Schostedt	3885	D. Bother	Z	
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

HDR	Project Name: Port Angeles Combat Range					
12850 E Control Tower Rd	Project Location: Port Angeles, WA					
Centennial, CO 80112	Report No.: 27					
	Day/Date: 11/22/2013 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: 10					
dig in T 12, S 12, T 13, S 13, R 16, R 1	n of work performed including equipment used): Two teams completed mag and 5, R 14, R 13, K 09,K 10, L 11, M 12, M 13, N 13, N 14, N 15 and N 16. XRF and K 04. Mark Murphy and Ronnie Johnson, Washington Department of					
QA/QC activities were also conducted a	as summarized on the Daily Quality Control Report (DQCR).					
Munifiana and Other Koma Found To	day: (Include location of the items found): S 12, two pieces of frag .5 lb. K 09,					
one piece of frag .25 lb.	<b>day.</b> (include location of the items found). S 12, two pieces of frag .5 b. K 09,					
	s Encountered: (List any conflicts which have hindered					
	ay): Over 50 pieces weighing over 70 pounds of non munitions related debris 14, M 15, and M 16 are inaccessible for investigation.					
Other comments or additional inform	nation: Weather was sunny with in the low 40's.					
Versar personnel demobilized following	g the conclusion of field activities					
Schedule: With the additional grids tha 2013.	at need to be investigated the current projected completion is 20 December					
	report is complete and correct. All material, equipment used, and work performed liance with the plans and specifications except as noted above.					
SUXOS	Date: 11/22/2013					
BO H						

USACE OESS:	Webster 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:		tions Design Co	enter: John Miller
			USACE Regional Project Lead: Mark Murphy		
Name	P	osition	Employer	Hours	Team
Rick St.Amand	SUXOS		HDR	10	XRF
Byron Cook	UXOQC/SO		HDR	10	
John Brunkhorst	UXO Tech II		HDR	10	Mag and Dig
Matt Reece	UXO Tech II		HDR	10	Mag and Dig
Rob Nelson	UXO Tech II		HDR	10	Mag and Dig
Neil Roulier	UXO Tech II	l	HDR	10	Mag and Dig
Kim Hawkins	UXO Tech II		HDR	10	Mag and Dig
D.A. Gordon	UXO Tech II		HDR	10	Mag and Dig
Chuck Dunmire	UXO Tech II		HDR	10	Mag and Dig
Jeff Reuter	Field Tech II		HDR	10	XRF
Josh Gullickson	UXO Tech II		HDR	10	Mag and Dig
Frank Czajkowski	UXO Tech II		Versar	10	Mag and Dig
Edward Coughlin	UXO Tech II		Versar	10	Mag and Dig
Jeff Massie	UXO Tech II		Versar	10	Mag and Dig



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	11/22/13	
Description: being done ir Approach Ard	n Tech	It

Date: 11/22/2013	Project Name: Port Angeles Combat Range			
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006			
12850 E Control Tower Rd	<b>Report #</b> : 027			
Centennial, CO 80112	•			
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:				
In-situ XRF sampling as a sub-task of Environmental M	ledia Sampling, IDW Handling and Disposal (3.1.4 Investigative			
	Constituents Lead Sampling-Soil, and 3.7 Investigative Derived			
Waste Plan)				
SUXOS and Field Technician comprised XRF team				
Anomaly avoidance was practiced				
XRF screening was continued and completed in the f	four grids (K-03, K-04, L-03, and L-04) where small arms (.50			
caliber) debris was found.				
All readings were below action level; expendable waste debris was therefore considered non-contaminated and				
disposed of as trash. No laboratory samples are recommended at this time, due to XRF values.				
Additional QC/QA Comments:				
	the Daily Inventory Sheet and tested at the IVS. All Schonstedts			
used today were functioning properly.				
, , , ,	nie Johnson, Washington Department of Ecology, conducted a sit			
	corted them around the MRS. Areas of interest were: the grid wher			
	ncident, and the eastern edge of Surveyor Creek, marked off as			

visit. UXOSO/QCS, OESS, and Field Technician III escorted them around the MRS. Areas of interest were: the grid where four MEC items were found, the area of the Swagerty incident, and the eastern edge of Surveyor Creek, marked off as unsurveyable. They were also shown the site where demolition operations were conducted to destroy the four MEC items. Observed SUXOS inspection of MD collected by team leaders; MD was identified as MDAS and stored in a lockable container

Teams secured all site equipment in preparation for demobilization activities. The IVS, survey points, and laths and flagging marking them will remain during demobilization.

Versar personnel demobilized from the site at the conclusion of field activities.

### Comments for DGM Activities, if any: DGM is complete

Comments for Visual Survey Activities: All accessible/surveyable transects are complete at this time Comments for MC Sampling, if any: Thirty-two points were measured using In-situ XRF: none were above action level. No further sampling is planned at this time.

	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.					
Byron Cook, UXOQCS					

Byron D. Coul

11/22/2013

Project Name:	Port Angeles Combat Range				Report No: 027	
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA		Date: 11/22/2013	
I. Site Safety	Brief Topics:					
<ul> <li>Pers</li> <li>slips</li> <li>Une ano</li> <li>hydi</li> <li>field</li> <li>Excl</li> <li>first</li> </ul>	maly is identified ration- take adequate supply of I sanitation/hygiene- location ar lusion Zone (EZ) (209 ft/ 43 ft)- aid- reminder to pack a minimu ther- currently 27, expected hig	PE)- checked walking to/ s and Explosiv water out to id status of l visitors exp im first aid a	setting up grids ves of Concern (UXO/N o work areas hygiene supplies; re-su ected, be aware of EZ ind eye wash	AEC)- dig to the sic upplied one of the t intrusion	le, control dirt/debris removal until eams	
	F team: team wore appropriate	PPE and pr	acticed MEC avoidance	e during operation		
	5					
III. Problems	Encountered / Corrective Act	ions Taken	1:			
	I Health and Safety Comment	s:				
No additional	No additional comments					
VII. Visitors	VII. Visitors					
None						
VIII. Approva						
Byro	n D. Laul			Date: 11/22/20	013	

Location of Job (Unit/Location on Project Port Angeles Combat Range	Area:		
Required PPE: leather boots gloves eye protection weather & work appropriate clothing	Wind Direction: variable Evacuation Route: toward the assembly point	Supervisor of Work: SUXOS Rick St. Amand 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

27° \$1/46° 5/Clear

h



Project Manager:

Larry deVries

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

Port Angeles Combat Range, WA

Date: 22 Nov 2013

SSHO: Byron Cook

Name	Position	Employer	Signature
Cobert Nelson	UXOII	HOZ	
M. Reeve	VYO II	HOR	Mari
Lim Haulcons	mpo SF	HOR	King
Rouina	UNCO III	dfor	fron .
D. GORDON	UXO THE	HDR	2. Souter
JOHNBRUNKHOKS	+ UXOTH	HDR	April realphort
F. CZASROWKI	7=2	VERSAR	Fight "
JERR MASS &	TECH &	VERSAR	flip hegen
JosH GULLICKSON	15CA TH	HULE	getti
Edloughim	TechI	Persar	184 LD
Zuffilwetter	Geo	HPIZ	FOF R
CDUNNIRE	TEGHI	HDR	Agila 1
RICK St. Atmand	SUXOS	HUR	BAL
ROWME JOHNDON	ECOLOGY UXD	Dept of Ecology	Konn Stohns
MARK MURPHY	USACE PAL	USACE/	vyun
t			
		X	
	Visito		
	VISILO		



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	MM	4	
Schostedt	1636			
Schostedt	3658			
Schostedt	3105	K. Jackins	X	
Schostedt	3885	D. Soulan	Ø	
Schostedt	3887			
White	3894			

	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	Equipment Working		
			Yes	No	
Trimble	3660				
Trimble	3975	An	Ø		
Trimble	3693	12			
Trimble	3974				
Trimble	3661				
Camera	3088				
Camera	3983 3965	m	A		
Camera	3084	9			
Camera	3963	R	×		

Equipment Description	As	set Number	Describe Problem -Malfunction			
Equipment sent for repairs?	Date: Click he	re 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	Equipment Working		
			Yes	No	
Garmin	3678				
Garmin	3679				
Garmin	3680				
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		
Equipment sent for repairs?	Date: Click here to enter a date.			

HDR	Project Name: Port Angeles Combat Range				
12850 E Control Tower Rd	Project Location: Port Angeles, WA				
Centennial, CO 80112	Report No.: 28				
	Day/Date: 11/23/2013 Contract #:W9128F-10-D-0058, Delivery Order 0006				
Personnel on Site/Area of Responsibility/Daily Site Operating Hours:					
	inty/bany one operating riodro.				
See Attached Site Personnel List	Site Operating Hours: 0				
Activities Conducted: (Include location conducted vehicle preventative mainten	n of work performed including equipment used): Unloaded all vehicles and ance.				
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	S Encountered: (List any conflicts which have hindered ay): None.				
Other comments or additional inform	ation: Weather was sunny with in the low 40's.				
Site demobilization began today. SUXC site personnel departed.	OS and UXOSO/QCS remain to conduct weekly magazine inspection, all other				
Schedule: With the additional grids tha 2013.	t need to be investigated the current projected completion is 20 December				
Contractors' Verification: The above r	eport is complete and correct. All material, equipment used, and work performed				
	iance with the plans and specifications except as noted above.				
SUXOS	Date: 11/23/2013				
00/00					
6Pm M					
LE Hert					

USACE OESS:	Webster K	Geller	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 Munitions Design Center: John		nter: John Miller	
				USACE Regional Project Lead: Mark Murphy			
Name		Positi	ion	Employer	Hours	Team	
Rick St.Amand		SUXOS		HDR	0		
Byron Cook		UXOQC/SO		HDR	0		
John Brunkhorst		UXO Tech III		HDR	0		
Matt Reece		UXO Tech III		HDR	0		
Rob Nelson		UXO Tech II		HDR	0		
Neil Roulier		UXO Tech III		HDR	0		
Kim Hawkins		UXO Tech II		HDR	0		
D.A. Gordon		UXO Tech III		HDR	0		
Chuck Dunmire		UXO Tech II		HDR	0		
Jeff Reuter		Field Tech III		HDR	0		
Josh Gullickson		UXO Tech II		HDR	0		
						1	

Date: 11/23/2013 HDR EOC 12850 E Control Tower Rd Centennial, CO 80112	Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006 Report #: 028						
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:							
All site equipment was removed from vehicles, checked for condition, cleaned as necessary, inventoried, and stowed. One hotel room will be kept during demobilization to secure gear and allow for vehicle parking. The leased vehicle was given a safety inspection and will remain; rental vehicles will be returned. A safety briefing was conducted and included holiday safety topics. Magazine keys were inventoried and are in their proper possession. Upon completion of activities, personnel were released to travel to Seattle for outbound flights. UXOSO/QCS and SUXOS will remain one more day to conduct weekly magazine inspection and recover the magnetometer test strip items installed on the west side of the MRS.							
Comments for DGM Activities, if any: DGM is complete							
Comments for Visual Survey Activities: All accessible/surv	veyable transects are complete at this time						
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.							
Byron Cook, UXOQCS Byron & Carl 11/23/2013							

Project Name:	Port Angeles Combat Range	Report No: 028							
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA Date: 11/23/2013							
I. Site Safety	Brief Topics:								
safely, holiday	extended driving and responsi safety tips and hazards of drin	king and driving/ drunk drivers on	requirements for demobilization activities, lifting he road						
Site equipmen	n was checked for proper fuffcti	oning							
	Encountered / Corrective Act	ions Taken:							
N/A									
	Health and Safety Comment	s:							
No additional	comments								
VII. Visitors									
None									
VIII. Approva									
Byro	n D. Cal		Date: 11/23/2013						

Location of Job (Unit/Location on Project Port Angeles Combat Range	ct):	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				



**Project Manager:** 

Larry deVries

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

Port Angeles Combat Range, WA

Date: 11/23/2013

SSHO: Byron Cook

Name	Position	Employer	Signature						
D. Gordon	Techtt	HDR	W. Dordon						
C. DUNMIRE	TECH II	HDR	dee						
ast. Ammo	30703	ITAR	OIN Per						
fim ytacking	Jech II	HOR	A fak						
Josh GULLICKSON	Tight	MADE	92						
Jeff Kueter	60	ADE	Ath						
NOR ROULIN	TOCH IT	HOR	A CAS						
JOHN BRUNKHORST	TECHI	HDK	you Drunklow						
Millice	UXOI	HDR	1C						
M. Ruce	UX0 III	HOR	MUL						
		-							
		_							
*									
	Visit	ors							



Site Name/Location: PAC																
Site Supervisor: <u>P. S</u> T	AM							(Make	12 C	)odge icense	Ram Plate N	lumber	DOD	N-9.	703-	PENN
Date Inspected: 11-23-1	3		Milea	age:	16,	062	2 -	Own (Rent	er: Le	Contr	-Exp	ress	Car	Tru	ck Re	initial
A COMPANY OF A COMPANY	Monday			Т	Tuesday		W	Wednesday		Thursday			1.000	Friday		
Item Description	-	Pass			Pass			Pass	Pass Pass		Pass					
PERSONAL PERSON	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Registration and License Plate				A												-
Insurance	$\Box$			N									$\square$			
Emergency Route Map/Phone #s	Q			A												
2 Tires:										-		-				
Pressure																
Condition																
3 Equipment:				1											An and	
Fire Extinguishers																
First Aid/CPR/Burn Kits																-
Blood Borne Pathogen Kit					-											
Eyewash Kits													Ň			
Spare Tire													N			
Tire Changing Equipment															Ē	
Tie Downs*																
Chocks*							N					Π		In	Ē	
Placards*		Π									n	Π	Ē	F	F	C
Other:	In	Π	Π	Π	Π	Π					T		Ē	<b>H</b>		
Other:	T	Π	Ē	IT	IT	Π	Ī	In	Ē	n	Th	П	Ē	H	H	
4. Brakes		-		1												
Hand/Emergency	M	Π		D	Π		N	П		N	Π	Π				
Service	N	n	IT	M	n	n	N	In	n	N	In	Ē	N	H	H	
5. Belts	141												- 44			
Proper Tension		Π	П								ПП					
Condition	M	ħ	n	M	n	Π	N	T	Ē	N	1 Fil	Ē	N	H	H	
6. General:	141	-	1													
Windshield	M			M							П					
Windshield Wipers	M	П	T	N	H	H		1 FT	F	N		H	R		H	
Windows (Condition/Operation)		Ħ	h	M	Ē	h		1 m	Ē	D	H	H				
Seat Belts	R	Ħ		N	H	F		Ħ	H	N		H				
Steering	M	h	H	D	H	F	N	H	H		H	H	à		- 1	
Horn	M	H	H	Ň	H	H	N	H	H	N		H	Ň	H	- 1 -	
Gas Cap	D	H	H	D	H	H	N	H	H	N		H	Ň		-11	
Mirrors	Ď	H	H	Ň	H	H	N	H	H	N		H	N		- 1-1-1	
Door/Window Handles/Latches	D	H	H	D	H	H		H				H	R			
Cleanliness	N	H	H	Ň	H	H		H		Ň		H	R			
Exhaust System	R	H	H	R	H	H	R		H	N		- 1	R			
													D			
7. Lights: Headlights (High/Low)											п	-	51			
Brake Lights		H	H	R		H	R	H		N			N	+++		
Parking	R	H	H	N	H	H	A	H	H	N	++++		N	+++		
		H		N	H	H	K	H				1		4		
Back-up	Ň	H		H	=		R	H			+++	+++				
Turn Signals		H		R	+	H	R					++	A		4	
Emergency Flashers	Ň	H		H			R						H	4		
Interior Lights																
HDR	Project Name: Port Angeles Combat Range															
---	---															
12850 E Control Tower Rd	Project Location: Port Angeles, WA															
Centennial, CO 80112	Report No.: 29															
	Day/Date: 11/24/2013 Contract #:W9128F-10-D-0058, Delivery Order 0006															
Personnel on Site/Area of Responsibi																
	in yrbany one operating nours.															
See Attached Site Personnel List	Site Operating Hours: 3															
Activities Conducted: (Include location and recovered seeds from Snow Ridge I	of work performed including equipment used): Conducted magazine inspection Road access to the West side of Area 3.															
QA/QC activities were also conducted as	s summarized on the Daily Quality Control Report (DQCR).															
Munitiana and Other Home Found Too	Jew (Include location of the items found). None															
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): None.															
Other comments or additional informa	ation: Weather was sunny with in the mid 40's.															
SUXOS and UXOSO/QCS demobilized	following field activities.															
This is the final Daily Site Report until fi	eld activities resume, Dec 3, 2013.															
Schedule: With the additional grids that 2013.	t need to be investigated the current projected completion is 20 December															
	eport is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.															
SUXOS	Date: 11/24/2013															
Bull																

USACE OESS:	Webster 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 Muni	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	3	
Byron Cook		UXOQC/SO		HDR	3	
John Brunkhorst		UXO Tech III		HDR	0	
Matt Reece		UXO Tech III		HDR	0	
Rob Nelson		UXO Tech II		HDR	0	
Neil Roulier		UXO Tech III		HDR	0	
Kim Hawkins		UXO Tech II		HDR	0	
D.A. Gordon		UXO Tech III		HDR	0	
Chuck Dunmire		UXO Tech II		HDR	0	
Jeff Reuter		Field Tech III		HDR	0	
Josh Gullickson		UXO Tech II		HDR	0	

Date: 11/24/2013	Project Name: Port Angeles Combat Range
HDR EOC	Contract #: W9128F-10-D-0058, Delivery Order 0006
12850 E Control Tower Rd Centennial, CO 80112	<b>Report #</b> : 029
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: UXOSO/QCS and SUXOS conducted the weekly magazine inspection. There was no evidence of tampering or vandalism, the grounding wires and rods are still intact/ in place, and the chain blocking vehicular traffic to the magazine site is still intact/ in place.

The two inert 37mm projectiles used for instrument verification on the west side of the MRS were recovered and stowed with the rest of the site equipment. Hotel owners/ management were notified that company personnel would no longer be in the area and access to the room should not be allowed prior to returning Dec 2, 2013. Company leased vehicle was parked where directed and key secured.

UXOSO/QCS and SUXOS demobilized following field activities.

This is the final DQCR until field activities resume Dec 3, 2013

 Comments for DGM Activities, if any:
 DGM is complete

 Comments for Visual Survey Activities:
 All accessible/surveyable transects are complete at this time

 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.

Byron Cook, UXOQCS

Byron D. Loul

11/24/2013

Project Name:	Port Angeles Combat Range			Report No: 029
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 11/24/2013
I. Site Safety	Brief Topics:			
_	-	obilization, sli	ips/trips/falls while neg	otiating terrain, digging to recover test strip items
II. Safety Ins				
	sives magazine inspection con s and wire are still intact	ducted: no e	vidence of tampering c	or vandalism, the chain limiting access is in place, the
5 5				
	Encountered / Corrective Ac	tions Taker	1:	
N/A				
IV. Additiona	I Health and Safety Commen	its:		
This is the fina	al Daily Safety Report until field	d activities re	sume Dec 3, 2013	
VII. Visitors None				
VIII. Approva	I			
1	-			Date: 11/24/2013
Byra	n D. Coul			
V				

-					
HDR 12850 E Control Tower Rd	Project Name: Port Angeles Combat Range Project Location: Port Angeles, WA				
Centennial, CO 80112	Report No.: 30 Day/Date: 12/3/2013				
	Contract #:W9128F-10-D-0058, Delivery Order 0006				
Personnel on Site/Area of Responsibil	ity/Daily Site Operating Hours:				
See Attached Site Personnel List	Site Operating Hours: 7				
	of work performed including equipment used): Conducted magazine inspection DEX. Completed mag and dig investigation of Q 01, Q 02, Q 03, R 01, R 02, R and Q 17.				
QA/QC activities were also conducted as	summarized on the Daily Quality Control Report (DQCR).				
	<b>ay:</b> (Include location of the items found): P 16 M48 point detonating fuze pieces .25 lb. R 03 1 piece of frag .25 lb.				
visual surveys and other operations toda	Changed Conditions/Delays/Conflicts Encountered: (List any conflicts which have hindered visual surveys and other operations today): Six grids were added due to MD in adjacent grids. 98 pieces of non				
munitions related debris weighing over 1	30 lbs were found.				
Other comments or additional informa	tion: Weather was sunny and cool with a high near 30.				
Schedule: With the additional grids that 2013.	need to be investigated the current projected completion is 20 December				
Contractors' Verification: The above re	port is complete and correct. All material, equipment used, and work performed				
during this reporting period are in complia	ance with the plans and specifications except as noted above.				
SUXOS	Date: 12/3/2013				
60 Hal					

USACE OESS:	Webster 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 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	
John Brunkhorst		UXO Tech III		HDR	7	Mag & Dig
Pete Vallejo		UXO Tech II		HDR	7	Mag & Dig
Rob Nelson		UXO Tech II		HDR	7	Mag & Dig
Neil Roulier		UXO Tech III		HDR	7	Mag & Dig
Kim Hawkins		UXO Tech II		HDR	7	Mag & Dig
D.A. Gordon		UXO Tech III		HDR	7	Mag & Dig
Chuck Dunmire		UXO Tech II		HDR	7	Mag & Dig
Nick Inzinna		Field Tech III		HDR	7	
Ron Hetzel		UXO Tech II		HDR	7	Mag & Dig



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	12/03/13	<b>6</b> °s 8°s 2°s 9°s 5°s <b>b</b> °s <b></b>
Description: MD (M48 point detonating fuze (expended)) found in Grid P-16		
		PHOTOGRAPHIC LOG
Photo No.	Date:	
4	12/03/13	
Description: Documentation from grid P-1		

USACE Safety Specialist: Webster KellerPrSUXOS: Rick St. AmandUUXOSO: Byron CookPrMC Sampling Lead: N/AAdditional Additional	Report #: 030 Project Manager: Larry deVries UXOQCS: Byron Cook Project Geophysicist: Jon Jacobson, Geophysicist III		
USACE Safety Specialist: Webster KellerPrSUXOS: Rick St. AmandUUXOSO: Byron CookPrMC Sampling Lead: N/AAdditional content of the second	UXOQCS: Byron Cook Project Geophysicist: Jon Jacobson, Geophysicist III		
UXOSO: Byron Cook Pr MC Sampling Lead: N/A A	Project Geophysicist: Jon Jacobson, Geophysicist III		
MC Sampling Lead: N/A A			
	Additional Team Members:		
LIST DEFINABLE FEATURES OF WOR	RK AND INSPECTION COMMENTS		
Preparatory Phase Inspection: Assisted Visual Surveys, Subsurface Investigations, MD Handlin Due to the holiday break, addition of two personnel to the project requirements and procedures for Definable Features of Work (D reviewed by UXOSO/QCS and certifications are available for ins responsibilities assigned and communicated. Equipment was inv	ect, and changes in team make-up, site personnel reviewed DFWs) listed above. Personnel qualifications were aspection. Personnel were divided into teams with		
Initial Phase Inspection: Subsurface Investigations and MD Handling, Storage, and Demilitarization Subsurface Investigations resumed following the Preparatory Phase Inspection. Personnel demonstrated proficiency in locating and establishing grids and survey lanes, surveyed the grids following the parameters established in the work plan, and safely investigated anomalies following established procedures. MD Handling procedures were followed and materials determined to be MDAS by the SUXOS's inspection were stored in a lockable container.			
Follow-Up Phase Inspection:			
Additional QC/QA Comments: Observed distribution of team equipment and vehicle load-out Observed Schonstedt instrument checks Reviewed documentation of explosives magazines inspection conducted 12/01/2013: no evidence of tampering or vandalism reported Explosives were received and secured in the magazines; data cards were reviewed for accuracy. An inspection was conducted by the SUXOS, custodian, and UXOSO/QCS: magazines are secure with no evidence of tampering, grounding is still in place, and the chain restricting vehicular access is still intact.			
Comments for DGM Activities, if any: DGM is complete			
Comments for Visual Survey Activities: Access to the south-e investigated	-east and south-west corners of the MRS are being		
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.			
Byron Cook, UXOQCS Byron D. Carl 12/3/2013			

Project Name:	Port Angeles Combat Range	2	Report No: 030		
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 12/3/2013		
I. Site Safety	Brief Topics:				
<ul> <li>Pers</li> <li>slips</li> <li>Une ano</li> <li>hydr</li> <li>field</li> <li>Excl</li> <li>first</li> <li>wea</li> </ul> II. Safety Insp	s, trips, and falls- watch footing exploded Ordnance/ Munitions maly is identified ration- take adequate supply of sanitation/hygiene- pack out lusion Zone (EZ) (209 ft/ 43 ft) aid- reminder to pack a minim ther- expected high of 27, sur pections:	PPE)- reviewed PPE requirements; or g walking to/ setting up grids and Explosives of Concern (UXO/M of water out to work areas; checked garbage; checked supply status I- no visitors expected, teams opera	AEC)- dig to the side, control dirt/debris removal until water supply ting on opposite ends of range 0745-1621		
III. Problems	III. Problems Encountered / Corrective Actions Taken: N/A				
Due to the hol APP/SSHP, th	IV. Additional Health and Safety Comments: Due to the holiday break, the addition of two personnel to the project, and changes in team make-up, site personnel reviewed the APP/SSHP, the work plan regarding technical approaches and defined features of work, MEC and MD found and suspected, and				
reporting procedures. Observation and OJT begin today.					
VII. Visitors					
None					
VIII. Approva					
Byro	n D. Coul		Date: 12/3/2013		



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

#### Comments:

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

Sun 7:45-4:21

Llear 27°

All week in 20's

Updated 4/3/2012



**Project Manager:** 

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/3/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
hue herma	GeoTech	HDR	Nalya P Sym
12- Gordon	UXO OT	HDR	D. Poda
CDUNMIRE	UXOTI	HDR	CUD
RNelson	12 40 TL	HPR	E i
John Brunkhorst	4x0 TT	HDR	Jeton Brunch fortal
Condor Hetzel	CANOTH	HDR	Thehip to y
PETEU+UETS	wet	Hor	- cuto
Kouyer	n-roll	HOR	+DHQS
Kim Other Kous	MED TYLL	APR	hotel /
Kick St. Amano	30705	HOR	THAN W
	0.544		
	Vi	sitors	

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	Equipment Working	
			Yes	No
Schostedt	3104	John Branchont		
Schostedt	1636			
Schostedt	3658	Paulion	Ø	
Schostedt	3105	Rowwork Rowwork D. Hochan John Brueblant	X	
Schostedt	3885	D. Horta	×	
Schostedt	3887	Jeto Breakfort		
White	3894			

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



Daily Equipment Log Revision 1.0

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

Equipment Description	Asset Number	Signature of Operator	Equip	Equipment Working	
			Yes	No	
Garmin	3678				
Garmin	3679				
Garmin	3680				
Garmin	3682				
Garmin	3798				
Garmin	3685				

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



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

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment Description			Yes	No
Trimble	3660			
Trimble	3975	Certo		
Trimble	3693	0		
Trimble	3974			
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084 39.65	Clat		
Camera	3963	ph-		

No
_

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

currently 20° High 26' Clear

50A 7:46 - 4:21

Updated 4/3/2012

H

) **X** 



**Project Manager:** 

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/4/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
Roncion	NYOUTH	1402	M. P.S.
GORDON	LIXO II	HDR	8. book
ZHEISON	UXO I	HPR	£ 110
Ronald Hetzel	UNU IT	HDP	Sh he Abl
John Brunkhorst	4XO II	HDK	John Barrafitatist
NICK WRINK	bestal	HDR	Viela free
PEDRONA (1ET)	UXOTZ	HOR	Ast
fin Hunkips	4XOT2	*DR	Afrin
Rick St. Amond	LUXOS UNO II	It DR	ALI (
CBUNMIEE	TOXOIT	HPSZ	left
			*
	Visi	tors	



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
Trimble	3660	Rourioz	Ø	
Trimble	3975			
Trimble	3693	6	Ø	
Trimble	3974	Clit	X	
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084	alp	Ø	
Camera	3963	12-	2	
	1004	Rounor	×	

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	Equipment Working	
			Yes	No
Garmin	3678	D. Genton		
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Romior		

Equipment Description	n Asset Number	Describe Problem -Malfunction		
quipment sent for repairs?	Date: Click here to enter a date.	Yes No		
	Date. One hard 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	Equipment Working	
Equipment Decomption			Yes	No
Schostedt	3104			
Schostedt	1636			
Schostedt	3658	Deta	×	
Schostedt	3105	Rourion	IX ́	
Schostedt	3885	D. Jach	X	
Schostedt	3887	Doll	R	
White	3894			

Equipment Description	Asset Number	er 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 Centennial, CO 80112				
	Day/Date: 12/5/2013			
	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			
dig investigation of R 12, P 11, P10, P 0	of work performed including equipment used): One team completed mag and 9, N 09, N 10, and N 11. Two assisted visual survey teams resumed surveys in two surface anomalies that were non munitions related debris. Team India			
QA/QC activities were also conducted as	s summarized on the Daily Quality Control Report (DQCR).			
Munitions and Other Items Found Too one 37mm armor piercing projectile, 1 lb	<b>day:</b> (Include location of the items found): P 10, two pieces of frag, .25 lb. N 09,			
	<b>Encountered:</b> (List any conflicts which have hindered ay): 14 pieces of non munitions related debris weighing over 30 lbs were found.			
Other comments or additional information	ation: Weather was overcast with periods of snow with a high in the mid 20's.			
Schedule: With the additional grids that 2013.	need to be investigated the current projected completion is 13 December			
	eport is complete and correct. All material, equipment used, and work performed ance with the plans and specifications except as noted above.			
SUXOS	Date: 12/5/2013			
BACK				

USACE OESS: Webster Keller		Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Devries U		UXOQCS:	Byron Cook		
SUXOS:	Rick St.A		UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Muni	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	
John Brunkhorst		UXO Tech III		HDR	10	Mag & Dig
Pete Vallejo		UXO Tech II		HDR	10	Mag & Dig
Rob Nelson		UXO Tech II		HDR	10	Mag & Dig
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
Nick Inzinna		Field Tech III		HDR	10	
Ron Hetzel		UXO Tech II		HDR	10	Mag & Dig



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	12/05/13	
Description: Terrain from Grid R-12, view looking West		
Photo No.	Date:	PHOTOGRAPHIC LOG
4	12/05/13	
Description: photo from the southeastern the MRS, vie North	ne portion of	

Date: 12/5/2013 HDR EOC	Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006			
12850 E Control Tower Rd	Report #: 032			
Centennial, CO 80112 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 WO				
Preparatory Phase Inspection:				
Initial Phase Inspection:				
<b>Follow-Up Phase Inspection</b> : Subsurface Investigations (3.7 Observed mag & dig team: team established grid boundaries Sweeps were spaced approximately every 50ft with deviation observation.	and performed sweeps with Schonstedt magnetometers.			
Additional QC/QA Comments: Schonstedt validation checks Observed Trimble start of day procedures; Trimble data was UXOSO/QCS did not perform Initial Phase Inspection of either comprised of the same personnel as prior to the holiday breat of a third (new) team beginning AVS that would require an init would not be required. UXOSO/QCS then performed Follow-U Received and filed approval letter for UXO personnel identified The MD Handling and Storage process was completed with the team. MD determined to be MDAS was stored in a lockable c	QCed by Nicholas Inzinna er Assisted Visual Survey (AVS) teams; both teams were k and had been observed previously. There was a possibility tial observation. The SUXOS later decided the third team Up Inspection of the mag & dig team. ed by name and position from PM. he SUXOS' inspection of MD recovered by the mag & dig			
Comments for DGM Activities, if any: DGM is complete				
<b>Comments for Visual Survey Activities:</b> Access to the sout a logging road through the state land was used to access tran ROE. AVS teams India and November are conducting survey further delineated.	nsects previously thought inaccessible because of the lack of			
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.				
Byron D. Carl Byron D. Carl 12/5/2013				

Project Name	Port Angeles Combat Rang	е		Report No: 032
Project No:	W9128F-10-D-0058	Location: Port Angeles	WA	Date: 12/5/2013
I. Site Safety	Brief Topics:			
<ul> <li>Per</li> <li>slip:</li> <li>Une</li> <li>hyd</li> <li>field</li> <li>Exc</li> <li>first</li> </ul>	ving- be aware of other drivers sonal Protective Equipment (F s, trips, and falls- take time ar exploded Ordnance/ Munitions ration- take adequate supply d sanitation/hygiene- clean ha lusion Zone (EZ) (209 ft/ 43 ft aid- reminder to pack a minir ather- expected high of 28, pa	PPE)- reviewed PPE require d watch footing and Explosives of Concern of water out to work areas nds prior to eating )- reminder to be aware of e num first aid and eye wash	(UXO/MEC)- assume any cclusion zone	anomaly could be a 'live' item
II. Safety Ins	pections:			
Observed ma vegetation	g & dig team: personnel wore	appropriate PPE and worke	d together to minimize slip	/trip/fall hazards of terrain and
III. Problems	Encountered / Corrective A	ctions Taken:		
N/A				
	I Health and Safety Comme	nts:		
No additional	comments			
VII. Visitors				
None				
VIII. Approva	l			
Byro	m D. Coul		Date: 12/5/20	13

#### ally Cofe n

Location of Job (Unit/Location on Project		Area:	K
Port Angeles Combat Range			
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 Preparation	Assembly Point:	Are other crews in area?	_
<ol> <li>Fill out Daily Tailgate/Safety Sign-In.</li> <li>Review Daily Tailgate/Safety Sign-In.</li> <li>Sign Daily Tailgate/Safety Sign-In.</li> </ol>	1. Staged vehicles 2. Staging area	Yes	

#### Comments:

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

Current 22" Overcast 28°

0748-1621

Updated 4/3/2012



**Project Manager:** 

Larry deVries

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

Date: 12/5/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
John Bnunkhorst	uxo took I	HDK	John Consulting
Rouiser	WAS THEN II	HOR	Ala
P-Valloz	UXO TELET	Hpe	NG
CDUNMIRE	UXOII	HOR	rus
Vise Virsuer	Geo Toch	HDR	Dilgun
2. GORDON	UXO III	HDR	D. Doda
51. Aming	SUXOS	HEDR	RAC
Robert Nerson	UXOF	HAR	Reit
Ronaldittetzel	UXOTT NXO IE	HAR	The MADRA
from HEartins	NXO IE	XDR	de prope
	•		
	Visito	ors	
		1	
			1



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

Equipment Description	Asset Number	Signature of Operator	Equip Worl	
and the second second second			Yes	No
Trimble	3660	Dit Ranha	X	
Trimble	3975	11 / 12 0		
Trimble	3693	R		
Trimble	3974	Cus	×	
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084	Cles	X	
Camera	3963 3090	R	M	

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



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

Equipment Description	Asset Number	Signature of Operator	Equip Worl	ment king
	La andre a state		Yes	No
Garmin	3678	D. Gorda		
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798	1.0.1		
Garmin	3685	12 Juli	L	

Equipment Description	Asset Number	Describe P	roblem -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 Work	ment ting
			Yes	No
Schostedt	3104			
Schostedt	1636			
Schostedt	3658	DAS	×	
Schostedt	3105	HA/Li	R	
Schostedt	3885	D. Dada	Ł	
Schostedt	3887	RHobol	A	
White	3894	- pices		

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		
	Project Location: Port Angeles, WA		
Centennial, CO 80112 Report No.: 33			
	Day/Date: 12/6/2013 Contract #:W9128F-10-D-0058, Delivery Order 0006		
Personnel on Site/Area of Responsibilit			
	yrbany end operating nearer		
See Attached Site Personnel List	Site Operating Hours: 7		
dig investigation of N 12, M 09, M 10, and Team November found one surface anoma	f work performed including equipment used): One team completed mag and M 11. Two assisted visual survey teams resumed surveys in the South East. aly that was non munitions related debris. Team India found nothing but only to demolition operations. Demolition operations were conducted to destroy one rojectile.		
QA/QC activities were also conducted as s	summarized on the Daily Quality Control Report (DQCR).		
	<b>y:</b> (Include location of the items found): M 09, one piece of frag, .25 lb. M 10, practice projectile, 10 lbs. M 11, one 37mm HE projectile, 1 lb.		
	<b>incountered:</b> (List any conflicts which have hindered 16 pieces of non munitions related debris weighing over 300 lbs were found.		
Other comments or additional informati	on: Weather was supply with a high in the mid 20's		
Other comments or additional information: Weather was sunny with a high in the mid 20's.			
Schedule: With the additional grids that need to be investigated the current projected completion is 20 December 2013.			
<b>Contractors' Verification:</b> 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: 12/6/2013		
Route			

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 Regio	onal Project Lea	ad: Mark Murphy
Name		Positi	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	7	
Byron Cook		UXOQC/SO		HDR	7	
John Brunkhorst		UXO Tech III		HDR	7	Mag & Dig
Pete Vallejo		UXO Tech II		HDR	7	Mag & Dig
Rob Nelson		UXO Tech II		HDR	7	Mag & Dig
Neil Roulier		UXO Tech III		HDR	7	India
Kim Hawkins		UXO Tech II		HDR	7	India
D.A. Gordon		UXO Tech III		HDR	7	November
Chuck Dunmire		UXO Tech II		HDR	7	November
Nick Inzinna		Field Tech III		HDR	7	
Ron Hetzel		UXO Tech II		HDR	7	Mag & Dig



		PHOTOGRAPHIC LOG
Photo No.	Date: 12/06/13	
<b>Description:</b> munitions re found in grid	Non Plated debris	
	L	PHOTOGRAPHIC LOG
Photo No.	Date:	
4 12/06/13 <b>Description:</b> Terrain and vegetation from the southeastern portion of the MRS, view looking East		<image/>

Date: 12/6/2013	Project Name: Port Angeles Combat Range					
HDR EOC 12850 E Control Tower Rd	Contract #: W9128F-10-D-0058, Delivery Order 0006					
Centennial, CO 80112	Report #: 033					
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: MEC Disposal by Detonation and MD Handling, Storage, and Demilitarization (3.6						
Management of Material Potentially Presenting an Explosive Hazard)						
The mag & dig team found a 75mm practice projectile and a 37mm HE projectile. Items were inspected by UXOSO/QCS						
	and SUXOS and determined to be safe to move. The Buried Explosive Module was used to determine shot hole depth					
and a demo site was prepared to dispose of the 37mm and demilitarize the 75mm while explosives were drawn. Clallam						
County Dispatch was notified of operations and SUXOS conducted a demolitions safety brief. Operations were conducted						
IAW EM 385-1-97, 60A-1-1-31 and the PACR work plan. A consumption report was generated and signed and is filed.						
Follow-Up Phase Inspection:						
Additional QC/QA Comments: Schonstedt validation check	s were conducted prior to the start of work					
Observed Trimble start of day procedures; Trimble data was QCed by Nicholas Inzinna						
Verified equipment taken into the field was signed for on the Daily Equipment Log						
Began Follow-Up Phase Inspection of Assisted Visual Surveys of team India. The team did not collect any data before						
notification that the mag & dig team located the 75mm projectile. UXOSO/QCS met the SUXOS to inspect the round,						
team India was used for the demolition operation after the 37						
Vehicle and safety equipment inventory and inspection condu						
MD processed by the teams was inspected by the SUXOS, determined to be MDAS, and stored in a lockable container						
Comments for DGM Activities, if any: DGM is complete						
Comments for Visual Survey Activities: Team November continued AVS in the south-eastern portion of the MRS,						
locating one piece of NMRD and documenting several unsurveyable points						
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.						
Byron Cook, UXOQCS						
Byron D. Cal						
	12/6/2013					
Project Name: Port Angeles Combat Range			Report N	o: 033		
--	--	---	----------------------------------	-----------------------		
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 12	/6/2013		
I. Site Safety	Brief Topics:					
<ul> <li>Per</li> <li>slip</li> <li>Une</li> <li>hyd</li> <li>field</li> <li>Exc</li> <li>first</li> </ul>	s, trips, and falls- take time a exploded Ordnance/ Munitior ration- take adequate supply d sanitation/hygiene- clean h lusion Zone (EZ) (209 ft/ 43 aid- reminder to pack a mini	(PPE)- reviewed PPE requiremen and watch footing as and Explosives of Concern (UX of water out to work areas ands prior to eating ft)- reminder to be aware of exclu	O/MEC)- assume any anomaly o	ould be a 'live' item		
II. Safety Ins	pections:					
		ief was given, operations perform under control until 'all clear' given	ed in accordance with applicable	publications and		
III. Problems	Encountered / Corrective	Actions Taken:				
	I Health and Safety Comm					
determined to destroyed/de	be High Explosive and safe militarized.	mm round found by the mag & dig to move. Items were moved to a uding inventory of first aid kits and	prepared demo site in the open a			
VII. Visitors						
None						
VIII. Approva	l		D : 40/0/0040			
Вуль	n d. Carl		Date: 12/6/2013			

Location of Job (Unit/Location on Project): Port Angeles Combat Range		Area:
Required PPE:Wind Direction:leather bootsvariableglovesEvacuation Route:eye protectiontoward the assembly point		Supervisor of Work: SUXOS Rick St. Amand 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

current : 24° MC High 21° PC Drylight 0749 - 1621

Updated 4/3/2012

HN



**Project Manager:** 

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/6/2013

SSHO: Byron Cook

Name	Position	Employer	Signature
NILK INZYDUS,	Geo Fed	402	Mult Bara
King Murking	WXO Tech II	ZOK	La Li
NROULIER	LIVOT	tIOR	Chilling .
Ronald Hetzel	UXO TA	HOR	Shall that
D. GORDON	UXO TIT	HDR	A A A A A A A A A A A A A A A A A A A
R St. AMMAD	SUNOB	HOR	SK It
DUNMIRE	UNO II	NDR	Cho
B Nelson	UXOIL	HDR	John Brimkhoist
John Brunkhorst	UXO Tech #	HDR	John Drim Wiord
PURIE	UNOTECH	FILE	Pag
	Vis	itors	
	6		



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	ment king
			Yes	No
Trimble	3660	Rourisa		
Trimble	3975			
Trimble	3693			
Trimble	3974	Club	X	
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084	clis	R	
Camera	3963	R		
	1004	Roucion	X	

n Asset Number	Describe Problem -Malfunction
Date: Click here to enter a date	Yes No
Date. Oner horse to other a date.	
	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	nent ing
Equipment Decomption			Yes	No
Schostedt	3104			
Schostedt	1636			
Schostedt	3658	Jacob	Ø	
Schostedt	3105	Lini	×	
Schostedt	3885	D. Gonder	X	
Schostedt	3887			
White	3894			

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



PACR RI
W9128F-10-D-0058
Larry Devries

Asset Number	Signature of Operator	Equipment Working	
		Yes	No
3678	O. Harlon		
3679			
3680			
3682			
3798			
3685	Rourisa	肉	
	3679 3680 3682 3798	3678     D. Hallon       3679     3680       3682     3798	Asset NumberSignature of OperatorWork Yes3678D. HallonI3679II3680II3682II3798II3685RoulionI

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



Site Name/Location: PACR Site Supervisor: Rick St Amand

Vehicle: 2012 Dodge Ram 2500 (Make and License Plate Number) ZCM-9703-PENN

Date Inspected: 6 Ac 13

Mileage: 16204

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

	M	lond	ay	T	uesd	lay	Wednesday			Thursday			Friday		
Item Description		Pass	_	1.20	Pass			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															
Insurance															
Emergency Route Map/Phone #s															
2 Tires:						_	_								
Pressure															
Condition															
3 Equipment:								_			_				
Fire Extinguishers															
First Aid/CPR/Burn Kits															
Blood Borne Pathogen Kit															
Eyewash Kits															
Spare Tire															
Tire Changing Equipment															
Tie Downs*															
Chocks*															
Placards*													Ø		
Other:															
Other:															
4. Brakes	10.55	111			nes -		1000	1	1.000	1					
Hand/Emergency															
Service													P		n
5. Belts												-			-
Proper Tension															
Condition													Ø	FI	FI
6. General:										-					
Windshield													7		
Windshield Wipers												<b>n</b>	7	FI	H
Windows (Condition/Operation)													1	n	<b>H</b>
Seat Belts											Π	T	R	T	H
Steering											Ē	FI	Ø	H	H
Horn											T	T I	Ā	H	H
Gas Cap											F	H	D	H	H
Mirrors						Π		Ē		Π	FI	H	Ā	H	H
Door/Window Handles/Latches		n	T					Π		Π	F	n	A	H	H
Cleanliness	Ē	Ē		n	Ē	Ē	T	Ē	In	П	F	H	ħ	++	-11
Exhaust System	ħ	n	T	n	n	n	FI	П		П	H	H	A		17
7. Lights:			-			-								<u> </u>	
Headlights (High/Low)	Π			П	П			Π		Π		ПТ	n	ПТ	
Brake Lights	ħ	<b>T</b>	T	T	T	Ē	T	П		П	H	H	R.	+++	H
Parking	FI	FI	FI	FI	FI	T	Ē	Ħ	H	H	H	H	A	H	1
Back-up	H+	H	H	FI	H	FI	H	П	H	H	H	H	R	++	
Turn Signals	Ħ	F	H	F	H	FI	H	H		H	1		Ď	++	1
Emergency Flashers	H	H	H	H	H	H	H	H		H	H	H	6		
Interior Lights	H	H	H	H	H	H	H	H	H	H	+++	+++		++	

Vehicle Inspection Checklist and Report Form



Site	Name/Location:	PACR
Site	Supervisor: 57	AMAND

Vehicle: Project Rental -#2/Project#206945

Date Inspected:

13 Mileage: 12071

Owner: BURRARISE (Rental, SK) Contract)

	1	lond	ay	Т	uesd	ay	W	ednes	day	T	hursda	av		Friday	1
Item Description		Pas			Pass			Pass			Pass	-		Pass	and the second
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Registration and License Plate			<u>L</u>	D .		Ц	D						Ð		
Insurance			Ц	14	Ц	Ц									
Emergency Route Map/Phone #s				Ľ			Ф						D'		
2 Tires:									_	l					
Pressure	14			Щ		<u> </u>	4						Ē		Π
Condition	Ш			<u>u</u>											Ē
3 Equipment:	1										10000		-		-
Fire Extinguishers	14			Ш			Ý			P			0		Π
First Aid/CPR/Burn Kits	11			Ш			D						n	1 Fit	n
Blood Borne Pathogen Kit	10											n	T	H I	H
Eyewash Kits											n	T	ħ	H	H
Spare Tire							D			T	Ē	<b>H</b>	Ū	H	H
Tire Changing Equipment										M	Fil	FI	R	HH	H
Tie Downs*										Π	Fit	H	H		H
Chocks*									T	Ē	H	H	H		H
Placards*							Π	In		F	H	H	H		H
Other:							Ē	In	i ni	Ħ	H	H	H	14	
Other:		Π	$\Box$		Ē	FI	n		H	H	H	HI	H		
4. Brakes										<u> </u>		<u> </u>			Ц
Hand/Emergency	n			M	m		10			1	T	-	1.7.1		-
Service	芾	H	H	間	H	H	H	H	H	H		HI	P	-11	Ц
5. Belts	4						13					<u>U</u>	Ľ		L
Proper Tension	5			DI	ПТ	П	Π			-	m	m	-		-
Condition	市	H	H	ti	H	H	Ħ	H	H	H		+++	4		
6. General:	4									19			LU		Ш
Windshield	1	T		TAT	пт	ПТ				0		-			_
Windshield Wipers	H	H	H	#	Ħ+	#+	H	H		H	41		4		
Windows (Condition/Operation)	H	H	H	#	H	片十	H	H			4+		4		
Seat Belts	H	片	片	HH-	H	片十	H	H		P	4	4	4		
	#	H	H	HH-	+++	片十	H		44	P	4				
Steering	H	H	片	HH-	+++	H	Berginsel	4	41	日	U				
Horn	H	片	片	Sector 1		44	田	H	41	L					
Gas Cap		H				HH	Ø	4	41	4					
Mirrors	田	님+	H	4		41		4	41	Ц					
Door/Window Handles/Latches			니	41											m
Cleanliness	41	41													FT
Exhaust System	41													n	F1
. Lights:	-	-	-				1		Na -				1		-
Headlights (High/Low)	4			4			0			9	DT			ПП	
Brake Lights				ШП										n i	F-
				ШП									TH	H H	
												Th	<b>H</b> +	H H	=
				$\mu$							nh	51	H+	HH	4
										TI	F		DÍ I		
1							而十	F	n1	F	HH		H +		



Site Name/Location: PACR

Site Supervisor: R. GT. Amano

Vehicle: Project Rental#2 / Project # 206945

Date Inspected: 6DEC2013

Mileage: 7,163

Owner: (Rental, Star, Contract)

		lond		T	uesd		Wednesday			Thursday			Friday		
Item Description	Pa				Pass		Pass		and the second se		Pass			Pass	
Deviatedian and Linear Dist.	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Registration and License Plate	P	H	H	R		H	Image: Constraint of the second secon	14		K	HH		K		
Insurance	H	H		H	H	H		H	H	D					
Emergency Route Map/Phone #s	19×	1 L		17			凶			ļģ			Ø		
2 Tires:	152											_			-
Pressure	X	H		N			M			X			X		
Condition	Ø						Ø			X					
3 Equipment:	LIT'S			1.1		-	1 120			-		-			
Fire Extinguishers	P	Ц		弊		Ц	R			A					
First Aid/CPR/Burn Kits		Ц		D		Ц	Ф								
Blood Borne Pathogen Kit				Ш						Ш					
Eyewash Kits										Þ			D		Π
Spare Tire							D						m		П
Tire Changing Equipment	B			Z			A			区			A	Fil	П
Tie Downs*			A			函			X			K			R
Chocks*												m	Ē	H	T
Placards*										Π	n	Th	F	H	Ħ
Other:								Π	ITT	n	n	Th	F	H	Ħ
Other:		$\Box$	A		n	M	T	n	R	n	H	A	-11-1	H	A
4. Brakes		_													Ø
Hand/Emergency	B			A	m	П	2°			X		-	M		
Service	h	H	Ø	Ē	FI	X	ñ	F	X	F		X	-12-	+++	R
5. Belts						End			I EN			BI			D
Proper Tension	M			RI	П		R			R		-	A		-
Condition	T	FI	H	X	H	H	X	H	H	X	1	- 1	X	+++	H
6. General:	1,401						123			E					Ш
Windshield				M	П	-				R		-	619 1		-
Windshield Wipers	常	H	H	Ħ	H	H	Ħ	H		Ħ		+++	A	4	Ц
Windows (Condition/Operation)	Ħ	H	H	H	H	HI	Ħ	H		H	+++		<u> </u>	4	Ц
Seat Belts	H	H	H	HH	H	H	Ħ	H		the second se	4	41		Ц	Ц
	耑	H	H	#	+++	H	H	H			4	41			
Steering	H	H	H	H	H	H					H	4			
Horn	#	H	H	#	片	14		H	-11			4			
Gas Cap	#	HI	님	#	님	HI	4	4					D I		
Mirrors	#	님	닐	#	H	41	<u> </u>						Ш		
Door/Window Handles/Latches	P	닐	닐		H	41	B		4	B			D		
Cleanliness						4	4								Π
Exhaust System	Ø						R			X			Ø		Π
. Lights:	-		_			10 1 0									
Headlights (High/Low)	M			<b>X</b>			K			N			$\boxtimes$		Π
Brake Lights													Tit	<b>n</b>	Ħ
Parking											T	FT1	T	FI	H
Back-up										D	T	FI	T	H	H-
Turn Signals											FI	H+	TH I	1	H
Emergency Flashers							m	T	TT I		H	H+	带十	H	1
Interior Lights	Ø	mt.	FI	T	Fit	FI	A	F	H	茵	11	1	A		

HDR	Project Name: Port Angeles Combat Range							
12850 E Control Tower Rd	Project Location: Port Angeles, WA							
Centennial, CO 80112	Report No.: 34 Day/Date: 12/9/2013							
	Contract #:W9128F-10-D-0058, Delivery Order 0006							
Personnel on Site/Area of Responsibi	Personnel on Site/Area of Responsibility/Daily Site Operating Hours:							
See Attached Site Personnel List	Site Operating Hours: 10							
dig investigation of L 09, L 10, T 10, T 09	of work performed including equipment used): One team completed mag and 9, T 08, T 07 and S 07. Two assisted visual survey teams resumed surveys in one surface anomaly that was non munitions related debris. Team India found							
QA/QC activities were also conducted as	s summarized on the Daily Quality Control Report (DQCR).							
	<b>day:</b> (Include location of the items found): L 09, two 37mm armor piercing b. L 10, one piece of frag, .25 lb. S 07, one piece of frag, .25 lbs.							
	E Encountered: (List any conflicts which have hindered ay): Over 30 pieces of non munitions related debris weighing over 200 lbs were							
Other comments or additional inform	ation: Weather was mostly cloudy with a high near 30.							
Schedule: Field operations are tentative consumption of the remaining donor ex	ely scheduled to be completed on 12-11-2013. Site teardown including plosives, removal of the storage magazine, site rehabilitation/seeding, d other general demobilization activities will tentatively be completed 12-12 and							
	eport is complete and correct. All material, equipment used, and work performed iance with the plans and specifications except as noted above.							
SUXOS	Date: 12/9/2013							
Buch								

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		Posit	ion	Employer	Hours	Team			
Rick St.Amand		SUXOS		HDR	10				
Byron Cook		UXOQC/SO		HDR	10				
John Brunkhorst		UXO Tech III		HDR	10	Mag & Dig			
Pete Vallejo		UXO Tech II		HDR	10	Mag & Dig			
Rob Nelson		UXO Tech II		HDR	10	Mag & Dig			
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			
Nick Inzinna		Field Tech III		HDR	10				
Ron Hetzel		UXO Tech II		HDR	10	Mag & Dig			



		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	12/09/13	
Description: Unsurveyable to thick vege steep slopes side of a rang the southeas of the MRS, of South	tation and on either ge road in tern portion	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
4	12/09/13	
Description: Unsurveyable to thick vege steep slopes side of a rang the southeas of the MRS, w North	e terrain due tation and on either ge road in tern portion	

Date: 12/9/2013 HDR EOC	Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006							
12850 E Control Tower Rd Centennial, CO 80112	Report #: 034							
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:								
<b>Follow-Up Phase Inspection</b> : Subsurface Investigations (3.1.7 Intrusive Investigation) Observed mag & dig team: team had already established its grid. Lanes were swept at approximately 50ft intervals. Sweep speeds were appropriate. Anomaly investigation/excavation was conducted IAW EM 385-1-97. MPPEH was inspected by a UXO Tech II and The UXO Tech III team leader and determined to be NMRD, left in place.								
Additional QC/QA Comments: Schonstedt validation check Observed Trimble start of day procedures; Trimble data was Verified equipment taken into the field was signed for on the MD processed by the teams was inspected by the SUXOS, o Drafted demobilization timeline to discuss with PM based on Wednesday, Dec 11, 2013	QCed by Nicholas Inzinna Daily Equipment Log letermined to be MDAS, and stored in a lockable container							
Comments for DGM Activities, if any: DGM is complete								
<b>Comments for Visual Survey Activities:</b> Teams November portion of the MRS. The teams could not find access to trans documenting with photographs. Only November's Trimble wa	ects and walked a road, recording unsurveyable points and							
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.								
Byron Cook, UXOQCS								
Byron D. Carl								
	12/9/2013							

Project Name:	Port Angeles Combat Range	<del>5</del>	Report No: 034					
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 12/9/2013					
I. Site Safety	Brief Topics:							
<ul> <li>Pers</li> <li>slips</li> <li>Une prior</li> <li>hydr</li> <li>field</li> <li>Excl Park</li> <li>first</li> </ul>	s, trips, and falls- be diligent w xploded Ordnance/ Munitions to identification ation- checked site water sup sanitation/hygiene- asked tea usion Zone (EZ) (209 ft/ 43 ft) c Road aid- reminder to pack a minim ther- expected high of 34, par	PPE)- reviewed PPE requirements while walking, especially uneven terra and Explosives of Concern (UXO/M ply to see if resupply was necessary am leaders if more wet wipes/hand s )- reminder to be aware of exclusion hum first aid and eye wash						
Mag & dig tea deficiencies no		edures were observed to reinforce n	norning training: procedures were satisfactory, no					
III. Problems	III. Problems Encountered / Corrective Actions Taken:							
N/A								
IV. Additiona	Health and Safety Commer	nts:						
Discussed and	omaly excavation as detailed i	in EM 385-1-97 I.2.H. during mornin	g safety brief					
VII. Visitors								
None								
VIII. Approva								
Byro	n D. Coul		Date: 12/9/2013					

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

#### Comments:

High 34-35" Mostly Cloudy

20% chunce rain/freezing drizzle torning to turning from snow Daylight 0752-1620

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



#### **Project Manager:**

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/9/2013

SSHO: Byron Cook

Position	Employer	Signature
GeoTook	HDR	Ull Sign
UXO Tech 111	HDR	Derollon
UXO TIL	MASR	Lucion the
U/O I	HPK	a com
	$\nabla V$	1 20
		Cert
	HPR	Am Brinderot
	1910rc	
All then A	TRAINE	MAC
Sapes	IPJC	and C
10.00		
Visito	ors	
	-	
	Geotech UXO Tech III UXO TE UXO TEL MXO TEL MI UXO TECH II UXO TECH II UXO TECH II	Geotrol HDR UXO Tech III HDR UXO Tech III HDR UXO TH HDR UXO TH HDR UXO TE HDR UXO TECH M HDR UXO TECH M HDR UXO TECH M HDR



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. Horder	×	
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	REALISR		

Equipment Description	Asset Number	Describe Problem -Malfunction	1
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 Becomption			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693		Ì	
Trimble	3974	Cen	Ŕ	
Trimble	3661	Rommon	Ø	
Camera	3088			
Camera	3083			
Camera	3084	Cen	Ø	
Camera	3963	12		
	1004	Roulion	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:	
Contract/Delivery Order:	W9128F-10-D-0058
Project Manager	Larry Devries

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
Equipment Description	ASSET NUMBER		Yes	No
Schostedt	3104	Roucion	凶	
Schostedt	1636			
Schostedt	3658	ret	Ø	
Schostedt	3105			
Schostedt	3885	D. Gordon	Ø	
Schostedt	3887	PAA		
White	3894	rux (		

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

HDR	Project Name: Port Angeles Combat Range			
12850 E Control Tower Rd	Project Location: Port Angeles, WA			
Centennial, CO 80112	Report No.: 35 Day/Date: 12/10/2013			
	Contract #:W9128F-10-D-0058, Delivery Order 0006			
Personnel on Site/Area of Responsib				
See Attached Site Personnel List	Site Operating Hours: 10			
dig investigation of R 07, R 06, S 03, S 0 South East to fill data gaps and exhaust and nothing was found by the visual sur	of work performed including equipment used): One team completed mag and 4, S 05 and S 06. Two assisted visual survey teams resumed surveys in the all possible access routes. There were no additional access routes identified rey teams. Demolition operations were conducted to demilitarize one 81 mm projectile. Conducted magazine inspection.			
QA/QC activities were also conducted a	summarized on the Daily Quality Control Report (DQCR).			
Munitions and Other Items Found To	lay: (Include location of the items found): S 05, three pieces of frag, .25 lb.			
	<b>Encountered:</b> (List any conflicts which have hindered y): Over 15 pieces of non munitions related debris weighing over 300 lbs were			
Other comments or additional inform	ation: Weather was mostly cloudy with intermittent snow and a high near 30.			
Schedule: With the additional grids that need to be investigated the current projected completion is 11 December 2013.				
<b>Contractors' Verification:</b> 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: 12/10/2013			
00,000				
boytel				

USACE OESS:	Webster k	Keller	USACE PM:	Mirek Towste	r	
PM:		y Devries UXOQCS: Byron Cook		•		
SUXOS:	Rick St.Ar					
MC Sampling Lead	N/A		Other:	USACE Muni	tions Design Ce	enter: John Miller
				USACE Regio	onal Project Lea	ad: Mark Murphy
Name		Positi	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	10	
Byron Cook		UXOQC/SO		HDR	10	
John Brunkhorst		UXO Tech III		HDR	10	Mag & Dig
Pete Vallejo		UXO Tech II		HDR	10	Mag & Dig
Rob Nelson		UXO Tech II		HDR	10	Mag & Dig
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
Nick Inzinna		Field Tech III		HDR	10	
Ron Hetzel		UXO Tech II		HDR	10	Mag & Dig

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	12/10/13	
Description: grid S-04, vie south	Terrain from ew looking	
Photo No.	Date:	PHOTOGRAPHIC LOG
2	12/10/13	
Description: from grid S-0		

		PHOTOGRAPHIC LOG
Photo No.	<b>Date:</b> 12/10/13	
Description: binary explos to 75mm pra projectile; de running to th	Texpack sive secured ctice t cord	
	l	PHOTOGRAPHIC LOG
Photo No.	Date:	
4	12/10/13	
Description: as above, pla hole and bein	aced in shot	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
4 Description: photo of deto		

Date: 12/10/2013	Project Name: Port Angeles Combat Range		
HDR EOC 12850 E Control Tower Rd	Contract #: W9128F-10-D-0058, Delivery Order 0006		
Centennial, CO 80112	Report #: 035		
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 W	ORK AND INSPECTION COMMENTS		
Preparatory Phase Inspection:			
Initial Phase Inspection:			
<b>Follow-Up Phase Inspection</b> : MEC Disposal by Detonation Management of Material Potentially Presenting an Explosive Demolition operations were conducted to demilitarize 75mm ballistic shapes. All personnel involved knew their duties prior demolition safety brief and operations were conducted IAW E notified prior to operations and again after the conclusion. Th operation and MD Handling, Storage procedures followed. Ar file.	Hazard) projectile and 81mm mortar MD items that still held their r to the beginning of the operation. The SUXOS gave a pre- M 385-1-97and 60A-1-1-31. Clallam County dispatch was e shot holes were investigated to reduce fragments from the		
Additional QC/QA Comments: Schonstedt validation check	s were conducted prior to the start of work		
Observed Trimble start of day procedures; Trimble data was Verified equipment taken into the field was signed for on the MD processed by the mag & dig team was inspected by the S container	Daily Equipment Log		
Discussed demobilization timeline with HDR PM, addressed potential set-backs, waiting for conclusion of weekly status call to begin planning travel UXOSO/QCS and SUXOS conducted magazine inspection: chain limiting road access is still in place, no evidence of tampering or vandalism to the magazines, grounding is intact			
Comments for DGM Activities, if any: DGM is complete			
Comments for Visual Survey Activities: Team November a There were no VS transects walked due to terrain encountere support site documentation. 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.			
Byron Cook, UXOQCS			
Byron D. Coul	12/10/2013		

Project Name:	Port Angeles Combat Range			Report No: 035
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 12/10/2013
I. Site Safety	Brief Topics:			
Concern/MD I recommended	nvestigations, ID, Removal and d actions to eliminate or minimiz encountering MEC, environme	l Disposal. J ze those haz	ob tasks and subtasks ards presented. Topic	al Survey Activities and Munitions and Explosives of s were addressed, potential hazards identified, and cs included: walking [transects or within grids], driving ipment mobilization, intrusive operations/excavations
II. Safety Insp				
brief, Clallam				s and responsibilities, SUXOS gave pre-demo safety after conclusion of operations, procedures were
III. Problems	Encountered / Corrective Act	tions Taken	:	
N/A				
	I Health and Safety Comment			
Demolitions w	vere performed to demilitarize tw	vo MD items	that still had their ball	listic shape
SUXOS and L with, magazin	JXOSO/QCS performed magaz es show no signs of tampering	ine inspection or vandalisn	on: access chain is stil n, grounding is still in p	II intact and does not appear to have been tampered place
VII. Visitors				
None				
VIII. Approva	l			
				Date: 12/10/2013
Byro	n D. Carl			

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 Preparation	Assembly Point:	Are other crews in area?
<ol> <li>Fill out Daily Tailgate/Safety Sign-In.</li> <li>Review Daily Tailgate/Safety Sign-In.</li> <li>Sign Daily Tailgate/Safety Sign-In.</li> </ol>	<ol> <li>Staged vehicles</li> <li>Staging area</li> </ol>	Yes

#### Comments:

Driving, PPE, First aid, field sanitation/ hygiene, slips/trips/falls, UXO/MEC, EZ (209/43), hydration, weather High 38-39 morning clouds, atternoon son tob precip

Daylight 7:53-1620

LN



**Project Manager:** 

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/10/13

SSHO: Byron Cook

Name	Position	Employer	Signature
In X Cark. US	TechI	HDR	HAR -
Rourion	Toytt	HOR	A
VALLES	TECH 2	HAPE	A DE
GORDON	Tech #	HOR	D. Soulan
R. Hetzel	Tochtt	HDR	Child All
CDUNNULE	CROIL	HDD	Cear
RNelson	UXOT	HPR	ALP. BL. F
John Brunkhorst	UXOTT.	HDK	Gola Brough Korst
Nig WEDWA	SUXOS	HUR	Vill Agrica
KICK ST Ammons	20105	ITPIC	4 A
	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 Worl	
			Yes	No
Trimble	3660			
Trimble	3975			
Trimble	3693	R		
Trimble	3974	Cup		
Trimble	3661			
Camera	3088			
Camera	3083			
Camera	3084	cus	Ø	
Camera	3963	R		

Equipment Description	Asset Num	ber Des	scribe Proble	m -Malfun	ction
Equipment sent for repairs?	Date: Click here to enter a	date. Yes		No	
Equipment sent for repairs?	Date: Click here to enter a	i 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	
			Yes	No
Schostedt	3104			
Schostedt	1636			
Schostedt	3658	Pb	Ø	
Schostedt	3105			
Schostedt	3885	D. Moulon	Ø	
Schostedt	3887	Dalah	X	
White	3894	- veg		

Equipment sent for repairs? Date: Click here to enter a date. Yes No	Equipment Description	Asset Number	Describe Problem -Malfunctio		
	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	
Edubuient Prooribuon			Yes	No
Garmin	3678	D. Howhon		
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685			

Equipment sent for repairs? Date: Click here to enter a date. Yes No	Equipment Description	Asset Number	Describe Pr	oblem -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.: 36
	Day/Date: 12/11/2013
Description Official Annual Constraints	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: 7
dig investigation of R 04, R 05, Q 04, Q	of work performed including equipment used): One team completed mag and 05 and Q 06. Two assisted visual survey teams attempted to access transects othing was found by the visual survey teams.
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.
Changed Conditions/Delays/Conflicts	Encountered: (List any conflicts which have hindered
	y): Over 25 pieces of non munitions related debris weighing over 40 lbs were
found.	
Other comments or additional inform	tion. Weather was mostly sloudy with a high poor 20
Other comments or additional information	tion: Weather was mostly cloudy with a high near 30.
Cabadular All data callection activities of	re complete as of 40.44.0040. Other has also units will exervise at 40.40.0040 and
	re complete as of 12-11-2013. Site breakdown will occur on 12-12-2013 and
12-13-2013. 12-13-2013 will be the last	day there are any personner on site.
	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.
	Dete: 40/44/0040
SUXOS	Date: 12/11/2013
$\overline{n}$	
DEV HE. S	
2	

USACE OESS:	Webster k	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS:	Byron Cook	·	
SUXOS:	Rick St.Ar		UXOSO:	Byron Cook		
MC Sampling Lead	N/A		Other:	USACE Munit	tions Design Ce	enter: John Miller
				USACE Regio	onal Project Lea	ad: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	7	
Byron Cook		UXOQC/SO		HDR	7	
John Brunkhorst		UXO Tech III		HDR	7	Mag & Dig
Pete Vallejo		UXO Tech II		HDR	7	Mag & Dig
Rob Nelson		UXO Tech II		HDR	7	Mag & Dig
Neil Roulier		UXO Tech III		HDR	7	India
Kim Hawkins		UXO Tech II		HDR	7	India
D.A. Gordon		UXO Tech III		HDR	7	November
Chuck Dunmire		UXO Tech II		HDR	7	November
Nick Inzinna		Field Tech III		HDR	7	
Ron Hetzel		UXO Tech II		HDR	7	Mag & Dig

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	12/11/13	
<b>Description:</b> grid Q-05, vie North	Terrain from ew looking	
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	12/11/13	
Description: observed in (	Buried trash Grid Q-05	

			PHOTOGRAPHIC	
Photo No.	Date:			5
3	12/11/13			
Description:	<u> </u>		CANADA CONTRACTOR	
	e terrain, no			
access in the				
ooking West	e MRS, view	10		
5				100
		A STANK AND		
		BO WARD		C 16
				A
				X
			PHOTOGRAPHIC L	.OG
Photo No.	Date:		PHOTOGRAPHIC L	.0G
			PHOTOGRAPHIC L	.OG
Photo No. 4	<b>Date:</b> 12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13		PHOTOGRAPHIC L	.OG
4	12/11/13			.OG
4	12/11/13			.OG
4	12/11/13			.OG
4	12/11/13			.OG
	12/11/13			OG
Date: 12/11/2013 HDR EOC	Project Name: Port Angeles Combat Range Contract #: W9128F-10-D-0058, Delivery Order 0006			
--	---			
12850 E Control Tower Rd Centennial, CO 80112	Report #: 036			
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 W	ORK AND INSPECTION COMMENTS			
Preparatory Phase Inspection:				
Initial Phase Inspection:				
Follow-Up Phase Inspection:				
the west side to access the south-central and another set in short transect in the NW portion of the MRS, unsurveyable po Visual Surveys is complete, as no other possible access poir	QCed by Nicholas Inzinna Daily Equipment Log d current operations and review exit brief it brief and the conclusion was that the field crew has that at the conclusion of the final mag & dig grids and any ork is complete and the team can demobilize. to drive the truck and loaded equipment back to Denver DV			
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 comple 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			
Byron Cook, UXOQCS				
Byron & Carl				
V	12/11/2013			

Project Name:	Port Angeles Combat Rang	e		Report No: 036
Project No:	W9128F-10-D-0058	Location: Port Ang	eles, WA	Date: 12/11/2013
I. Site Safety	Brief Topics:			
unsurveyed tr walking [trans	ansect lines. With these bein	g the final two tasks, sat complacency, encounter	ety brief topics were reitering MEC, environmental	try to find access points to any erated from yesterday and included: exposure (cold weather), equipment
II. Safety Ins	pections:			
Observed tea appropriate	ms prepare for work tasks, ei	nsured all personnel had	required PPE and tools	and equipment were serviceable and
III. Problems	Encountered / Corrective A	Actions Taken:		
N/A				
	I Health and Safety Comme	ents:		
No additional	comments			
VII. Visitors				
None				
VIII. Approva	I			
Byro	n D. Carl		Date: 12/	11/2013

Location of Job (Unit/Location on Project): Port Angeles Combat Range		Area:
Required PPE: leather boots gloves eye protection weather & work appropriate clothing	Wind Direction: variable Evacuation Route: toward the assembly point	Supervisor of Work: SUXOS Rick St. Amand 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

Now 25°

High 39° overwest Aaylight 0754-1620

Updated 4/3/2012

HN



#### **Project Manager:**

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/11/13

SSHO: Byron Cook

Name	Position	Employer	Signature
Rick St. Amand	SUXOS	HDR	Dex (
D. (JORDON	Tech III	HOR	D. Gouton
G DU NMILES	TECH II	HAR	Cypy TI.
K. Awf, 115	Taht	ADR	App
NROMINOR	TUSCHTIA	HOR	The de
John Inunkhorst	Tech the	HDK	John Rundbord
Rendd & Hetzel	Toch II	HOR	HARD NY
DUK WENNA	Geolah	HOR	Un Jahr
KUSAKEY	URIEL	AhDe	All and a second
Kobert Neison	UXO Tech R	HPR	6
	Visit	ors	



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

## Note: Signature of the operator indicates equipment is operational when it was checked out.

Equipment Description	Asset Number	Signature of Operator	Equipment Working	
			Yes	No
Trimble	3660	foli	×	
Trimble	3975			
Trimble	3693	12	Ø	
Trimble	3974	Curd		
Trimble	3661			
Camera	3088	*		
Camera	3083			
Camera	3084	Cere		
Camera	3963	2		

Equipment Description	Asset Number	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	

## Note: Signature of the operator indicates equipment is operational when it was checked out.

Equipment Description	Asset Number	Signature of Operator	Equip: Work	nent ing
			Yes	No
Schostedt	3104			
Schostedt	1636			
Schostedt	3658	J2. En	Ø	
Schostedt	3105	KAL	Ø	
Schostedt	3885	D. Honlon		
Schostedt	3887	PAR	X	
White	3894			

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

Note: Signature of the operator indicates equipment is operational when it was checked out.

Equipment Description	Asset Number	Signature of Operator	Equip: Work	ing
-1-1			Yes	No
Garmin	3678	D youlon	Ar I	
Garmin	3679			
Garmin	3680			
Garmin	3682			
Garmin	3798			
Garmin	3685	Rouzion	X	

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

HDR		ort Angeles Combat Range
12850 E Control Tower Rd		n: Port Angeles, WA
Centennial, CO 80112	Report No.: 37	10040
	Day/Date: 12/12	/2013 28F-10-D-0058, Delivery Order 0006
Personnel on Site/Area of Responsibil		
	ty/bany end ept	
See Attached Site Personnel List	Site Oper	ating Hours: 5
		including equipment used): The magazine custodian and
		nsported them to the meadow for destruction. All explosives
		all shot holes and spread native grass mix over the area. Two
		magazine movement from the magazine storage area to the er 13. The skid steer was used to replace the berm that
		then reseeded with native grass mix. Prior to departing,
		t that had been used as a parking area for the field work.
		ne Daily Quality Control Report (DQCR). Demobilization
activities occured off-site following site re		
Munitions and Other Items Found Tod	av. (Include locati	on of the items found). None
	dy: (moldae local	
Changed Conditions/Delays/Conflicts	Encountered: (Li	st any conflicts which have hindered
visual surveys and other operations toda		
	) /	
Other comments or additional informa	tion: Weather wa	s mostly cloudy with a high near 30.
		12-11-2013. Site breakdown will occur on 12-12-2013 and
12-13-2013. 12-13-2013 will be the last	day there are any	personnel on site.
Contractors' Verification: The above re	port is complete a	nd correct. All material, equipment used, and work performed
		and specifications except as noted above.
SUXOS		Date: 12/12/2013
$\overline{\mathcal{M}}$		
DAI 24		

USACE OESS:	Webster Keller	USACE PM:	Mirek Towster	r	
PM:	Larry Devries	UXOQCS:	Byron Cook		
SUXOS:	Rick St.Amand	UXOSO:	Byron Cook		
MC Sampling Lead	N/A	Other:	USACE Munit	ions Design Ce onal Project Lea	enter: John Miller ad: Mark Murphy
Name	Pc	osition	Employer	Hours	Team
Rick St.Amand	SUXOS		HDR	5	
Byron Cook	UXOQC/SO		HDR	5	
John Brunkhorst	UXO Tech III		HDR	5	Demo
Pete Vallejo	UXO Tech II		HDR	5	Demo
Rob Nelson	UXO Tech II		HDR	5	Demo
Neil Roulier	UXO Tech III		HDR	5	Demo
Kim Hawkins	UXO Tech II		HDR	5	Skid steer
D.A. Gordon	UXO Tech III		HDR	5	Demo
Chuck Dunmire	UXO Tech II		HDR	5	Magazine
Nick Inzinna	Field Tech III		HDR	5	
Ron Hetzel	UXO Tech II		HDR	5	Demo

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	12/12/13	
Description: rehabilitation area		
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	12/12/13	the second of all the states of the second states are added as a second state of the second states of the second s
Description: demo area a holes were c refilled		

		PHOTOGRAPHIC LOG
Photo No.	Date:	
3	12/12/13	
Description: portable expl magazine be from the mag storage area	osives ing removed jazine	<image/>
	Data	PHOTOGRAPHIC LOG
Photo No. 4	Date:	
4 Description: Reconstruction	12/12/13	<image/>

		PHOTOGRAPHIC LOG
Photo No.	Date:	1. 4.23
5	12/12/13	
Description: after berm co		

Date: 12/12/2013	Project Name: Port Angeles Combat Range			
HDR EOC 12850 E Control Tower Rd	Contract #: W9128F-10-D-0058, Delivery Order 0006			
Centennial, CO 80112	Report #: 037			
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 W	ORK AND INSPECTION COMMENTS			
Preparatory Phase Inspection:				
Initial Phase Inspection:				
Follow-Up Phase Inspection:				
was generated and is on file. Concurrent with the demolition operation, the empty portable Deer Park Road. The magazines will be picked up tomorrow. reclaimed by HDR personnel and the original berm rebuilt ar Following the demolition operation site rehabilitation was cor native grass seed was spread over the area. The IVS was removed, as well as laths placed by HDR; laths Mapping were left in place. All HDR equipment was loaded into the HDR leased vehicle. Denver. Site personnel were released: two are departing by The SUXOS and UXOSO/QCS remain to oversee the magaz and then will depart to Seattle for flights Saturday, 14 Dec 20 Clallam Fire District 2 Chief Sam Phillips was notified by e-m and HDR no longer possesses any explosives in his district.	tory of all material was conducted by the SUXOS, witnessed by the same. An Explosives Consumption Report explosives magazines were moved up to an access point on The chain used to limit access to the magazine area was ad seeded. Inducted. Personnel collapsed and filled in shot holes and marking survey points established by Wengler Surveying & Two personnel have been designated to drive back to POV, five departed to Seattle for flights tomorrow morning. zines and the skid steer being picked up, MDAS shipment,			
Comments for DGM Activities, if any: DGM is complete				
Comments for Visual Survey Activities: Visual Survey is o	complete			
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 comple 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			
Byron Cook, UXOQCS				
Byron & Carl 12/12/2013				
Dyron & Lock 12/12/2013				

Project Name:	Port Angeles Combat Range		Report No: 037
Project No:	W9128F-10-D-0058	Location: Port Angeles, WA	Date: 12/12/2013
I. Site Safety	Brief Topics:		
for demolition are derived fro lifting, loading related to task	s is deferred to the SUXOS, who om the Activity Hazard Analyses and unloading equipment, secu s (i.e. reflective vest for skid ste	o will give a specific operational sa s (AHAs) for heavy equipment (ski uring loads as necessary, slips/trip er spotter), driving company and	oilitation, and demobilizing activities. The safety brief afety brief prior to. The site safety brief and training d steer) and demobilizing activities. Topics include: os/falls, back injuries, crushing hands or feet, PPE rental trucks, communication between ground s on trip planning for personnel driving for demob
II. Safety Insp			
and appointed appropriate fo	l tasks, Clallam county dispatch	i was notified of operation and aga I demolitions area and exclusion z	ave a demolition specific safety and operations brief ain after conclusion, personnel wore PPE as one were controlled by site personnel until after
III. Problems	Encountered / Corrective Act	ions Taken:	
	I Health and Safety Comment		ho ovalacivos magazino storago aroa to a staging
point on Deer scheduled for D&K Rentals v to accepting, a berm was see The IVS, laths Company equ Site personne (13 Dec 2013) collected and	Park Road. Austin Powder was tomorrow (13 Dec 2013). Two I was on site to drop off a skid ste and then rebuilt the berm blocki ded with native grass seed. Equ , and flagging were removed fr ipment was loaded into the HDF I were released. Two will depar ) morning. The SUXOS and UX	notified that the magazines are e JXO Techs II were on hand to pro- ter. The designated equipment op ng the access off of Deer Park Ro uipment pick-up is scheduled for to om the site. R leased vehicle. Two operators w t by POV, two are driving the lease	erator conducted a safety and operations check prior ad after the magazines had been removed. The omorrow (13 Dec 2013). Were designated to drive the vehicle back to Denver. ed truck, and five drove to Seattle for flights tomorrow the magazine and skid steer pick-ups, ship the
VII. Visitors			
None			
VIII. Approva	I		
			Date: 12/12/2013
Byro	n D. Carl		

Current 30 High 40-41° Daylight 0765-1620 Rain ~ 11m-21m, typer off, increase again ~ 91m

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 Preparation	Assembly Point:	Are other crews in area?	
<ol> <li>Fill out Daily Tailgate/Safety Sign-In.</li> <li>Review Daily Tailgate/Safety Sign-In.</li> <li>Sign Daily Tailgate/Safety Sign-In.</li> </ol>	<ol> <li>Staged vehicles</li> <li>Staging area</li> </ol>	Yes	

#### Comments:

Current 30°

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

H



#### **Project Manager:**

Larry deVries

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

Port Angeles Combat Range, WA

Date: 12/12/13

SSHO: Byron Cook

Name	Position	Employer	Signature
Ronald Hetzel	UNA THE	KOR	Child Add
W Hulps	1186 TT	HOR	Add
RobertNelson	DYOX	HOR	(A) A)
Nige hervine	Georech	HOR	Muthan
Paulion	UNO IT	MOR	
GOUNDAIRE	UNO IT	HDR	Ell
GOZDON	UXO TIT	HDR	h. Bozelon
John Brun Khovst	UXO III	HDK	gelen brunkliget
Pillet	Wost	ADR	Bit
K. St. Amans	SUXOS	HER	KA
1			
		140.00	
	Vis	itors	

# **HOR**

0	Heavy	Equipment	Inspection
()	1	1 1	

Rick St Amand

im Hankin

Date: 12-1	12-13	
Equipment Type:	Stid Strept	

Beginning Hrs.: 1079

1080 Ending Hrs.

Yock

Supervisor:

Location

	A=Add O=Okay C=Comments N/A=Not Applicable							
Item	Activity	SUN	MON	TUE	WED	THU	FRI	SAT
1	Check engine oil level and engine compartment for debris, engine oil leaks, etc.							
2	Check hydraulic oil level, inspect the cap and vent.					0		
3	Check radiator coolant level, check radiator fins for dirt, ,leaves, debris, etc.					Ø		
4	Check transmission oil level (dozers and trucks) and swing case (excavators).					Ø		
5	Check oil level in frame joint bearing; consult operators manual.					0		
6	Check for seat belt, good condition, and working properly.					Ø		
7	Check wheels, tires, and/ or tracks for damage, cuts, pressures, broken links, etc.					0		
8	Check ground engaging tools; look at cutting edge, teeth, blade, bucket, etc.					Ø		
9	Inspect visible hydraulic hoses and lines; check for scuffs, leaks, etc.					0		
10	Inspect ROPS/FOPS for any obvious signs of loose mounts, broken or missing bolts, etc.					Ø		
11	Check radio operation, gauges, lights, controls, backup alarms, horn, etc.					Ø		
12	Inspect operator's compartment for cleanliness and; check floor for buildup of dirt around pedals, or any loose items; inspect seat(s); clean windows; look for cracks etc.							
13	Do a walk-around inspection for any obvious signs of future problem areas; check grab handles and step treads, etc.					Ø		
14	Check operation of all systems; boom, bucket, blade, dump bed, etc.					0		
15	Look under the machine for any loose or hanging objects, leaks, or anything out of the ordinary.					Ø		
16	Check fuel level, fill tank prior to beginning operations.					0		
17	Ensure the presence of the operations/maintenance manual. Ensure operator has current training and adequate qualifications to operate this specific heavy equipment.					Ø		
18	Check location and condition of the fire extinguisher. Ensure adequate charge.					C		
-	ments:			_	_			

Signature:

Updated: 7/31/2013 Contract No.: W9128F-10-D-0058 Delivery Order 0006

Employee:

HDR	Project Name: Port Angeles Combat Range
12850 E Control Tower Rd	Project Location: Port Angeles, WA
Centennial, CO 80112	Report No.: 38
	Day/Date: 12/13/2013
Personnel on Site/Area of Responsib	Contract #:W9128F-10-D-0058, Delivery Order 0006
reisonnei on SiterArea or Responsit	sinty Daily Site Operating nours.
See Attached Site Personnel List	Site Operating Hours: 0
magazines and documented condition a the skid steer at D&K Rental.	n of work performed including equipment used): Removed locks from explosives and pick up. Shipped MDAS to Timberline Environmental. Dropped off the key to
QA/QC activities were also conducted a	as summarized on the Daily Quality Control Report (DQCR).
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	
Other comments or additional inform	nation: Weather was sunny with a high near 30.
Schedule: All field work is now comple	ste
All site demobilization activities are co	mplete. This is the final Daily Site Report for the PACR-RI/FS
	report is complete and correct. All material, equipment used, and work performed liance with the plans and specifications except as noted above.
	Dete: 12/12/2012
SUXOS	Date: 12/13/2013
60 Hal	

USACE OESS:	Webster I	Keller	USACE PM:	Mirek Towste	r	
PM:	Larry Dev		UXOQCS:	Byron Cook		
SUXOS:	Rick St.A	mand	UXOSO:	Byron Cook		
MC Sampling Lead	N/A	Indita	Other:		tions Design Ce	enter: John Miller
ine earlping road	1 1/7 (				onal Project Lea	ad: Mark Murphy
Name		Posit	ion	Employer	Hours	Team
Rick St.Amand		SUXOS		HDR	0	ICalli
		UXOQC/SO		HDR	0	
Byron Cook		07000/30		ПUК	0	

		PHOTOGRAPHIC LOG
Photo No.	Date:	
1	12/13/13	
Description:		
portable mag		
		PHOTOGRAPHIC LOG
Photo No.	Date:	
2	12/13/13	
Description: magazines b Powder		



				Pŀ	ЮТО	GRAPH		)G
<b>Photo No</b> . 5	<b>Date:</b> 12/13/13	1 2 3 4 8 9 7 23 242528 273223 4 5441744 4550 5152354 55965 9 5980 9 622334 566976 7 7 0 1 R1 M U 1 GUANTITY SUPPLE- 5 F DE- PRC- P R D A R D C A R O C C C C C C C C C C C C C C C C C C	72 73 74 75 76 77 78 78 M UNIT PRICE DOLLARS TC	eo I. TOTAL PRIC DOLLARS	s cts HI	SHIP FROM DR MARK FOR	3. SHIPTO Timberlir Environn Services I	ne nental Inc.
Description: 1348-1A (Iter Classification	n 16. Freight	CONTAINER NUMBER: USACE/PACR/HDR/0001/4493345/4493323				13. UNIT CUBE		Inc. INC. INC. INC. INC. INC. INC. INC. INC
Nomenclature Ferrous meta		So participation of the second	17. ITEM NOM MDAS 18. TY CONT 1 22. RECEIVED	R. NO CONT	20. TOTAL W	EIGHT	21. TOTAL CU 23. DATE RE	
		This certifies and verifies that the material listed has been and belief, are inert and/or free of explose and belief, are inert and/or free of explose			of our knowle	dge		
		Rick St. Amand SUXOS Cell Number: 303-717-4278 HDR 12850 East Control Tower Rd. Centennial CO. 303-925-1062						
		<u>303-925-1062</u> <u>303-925-1062</u>					Adobe D	Designer 7.0

L	1
Date: 12/13/2013	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 #: 038
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 W	ORK AND INSPECTION COMMENTS
Preparatory Phase Inspection:	
Initial Phase Inspection:	
Follow-Up Phase Inspection:	
be left on the side of Deer Park Road and the key turned in the MDAS was 100% re-inspected and repackaged for shipment 97. A chain of Custody form and DD Form 1348-1A with the 100% inspected and to the best of our knowledge and belief, generated. The SUXOS signed as the inspector and the UXO All field work and demobilization activities are completed. The	taffed and could not pick up the skid steer. The skid steer will o D&K Rental's office, located in Sequim, WA. to Timberline Environmental Services, Inc. IAW EM 385-1- statement, "This certifies that the material listed has been are inert and/or free of explosives or related material." were DSO/QCS signed as the verifier.
Comments for DGM Activities, if any: DGM is complete	
Comments for Visual Survey Activities: Visual Survey is c	omplete
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 comple 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
Byron Cook, UXOQCS	

Byron D. Coul

12/13/2013

Project Name:	Port Angeles Combat Range			Report No: 038
Project No:	W9128F-10-D-0058	Location:	Port Angeles, WA	Date: 12/13/2013
I. Site Safety	Brief Topics:			
	-	(to-and-fror	n the worksite and den	nobilizing to Seattle), lifting, PPE while handling scrap
II. Safety Insp	pections:			
Completion of	field and demobilization activi	ties conducte	ed today was performe	d in accordance with safe work practices and the
SSHP/APP A	HAs recommendations for action	ons to elimin	ate or minimize hazard	ls.
	Encountered / Corrective Ac	tions Taker	1:	
N/A				
IV. Additiona	I Health and Safety Commen	ts:		
Austin Powde	r was on site to pick up emptie	d portable e	xplosives magazines. N	Magazines were successfully removed from site.
	contacted the SUXOS to say the SUXOS, UXOSO/QCS will drop the second structure of the second se			today. Skid steer will be left on the side of Deer Park
	00% re-inspected and repackaged off at FedEx for two b			ironmental Services, Inc. for final disposition. The
Field work and	d demobilization activities are o	complete. Th	is is the final Daily Saf	ety Report for the PACR-RI/FS.
		·	-	
VII. Visitors				
None				
VIII. Approva	I			
				Date: 12/13/2013
Rea	n D. Carl			
1000	of a court			

	CONTENTS	
PAGE	REFERENCE	DATE
	+	
		•
	×	
	***	
	1 = y	



## ALL-WEATHER FIELD BOOK

Name						
Address_						
Phone			-			
Project _	Do	06 II	Port	Ang	eles	

**Rite in the Rain** — A patented, environmentally responsible, all-weather writing paper that sheds water and enables you to write anywhere, in any weather. Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

Specifications for this book

	Cover	Options
Right Page	Polydura Cover	Fabrikoid Cover
1/4" Grid	Item No. 350N	Item No. 350NF
	Pattern Right Page	Right Page Polydura Cover

**RiteintheRain.com** 

1					
1.200					
2					
					on the second second
			4		
			10		
8					
	5.0 × 0.0				
	and a second				
al .					
4 4					
			1 2 2		
	1		4.	the star	
				1499	
-					4
**				E.	
		Some	in a million		
-					*
	16				- 4 - 5
		*			
1	1		3		
•					
				*	
	1	1			3



TI Railing 31ar13 TL: Kaulior HAUKINS 30 00/3 HAWKINS COOK DARART COR WORK SITE 0730 0730 DEPART FOR WORKSITE ARRIVES AT WORK SITES / SAFETY BROKE 0800 0800 ARRIVE AT WORKSITE / SAFETY BREAK 0830 DISPART (ON TRANSLETS CB30 DEPART GOL TRANSERS ARRIVED AT TRANSLETS 1030 1000 BEGIN TRANSOFTES BEGN RECOLDING NON SURVALLABLE. 1100 1030 SURVEY MURETON FOUND POINTS 1/30 LUNCH 1130 Lunct 230 RESUME TRAVSOCK CONTINUES WITH TRANSBERS 1700 1690 STOP TRAMS HOAD BACK RECORDED NON SURVEILIBLE POINTS 1645 KTN TO TRUCK ON TRANSECTS ON THE WAY OUT OF ARCA 700 PACK OUT RETURNED TO WORK SITE SAFETY 1630 130 COB CLEMOS AND PUT PURY EQUIPMENT 1700 NOTES : RAMDON FYONS OF TRASH 1730 COB TOUND INCLUDE MULTIPLE PIECES OF STEEL CHBLE, I SOLID 10'LOUR STEER RODS, 1 STEER BROKEN BUCKET, 1 LOUG PIECE OF GARMUITOD WINES, WILU? AUD HOT ROLKSO PUTAL MILED: 3.D rolpt TOTAL ANOMILOS: 15 E-393 Contract No.: W9128F-10-D-0058 Delivery Order 0006

6 ZAEU13 TL ROULICE HAWKINS DEPART POTEL 0730 ARRIVET WORKSITE / SAGETY BRET P 080 DEPART Gon TRANS 0830 1000 FIRRING IN TRANS, AROA 1145 LNNCH 1215 DECINE TRANS. 1405 DEPART TRANS AREA BROOK Dav N 1515 1530 DEPART GOR HOTEL ARRIVE AT HORE FOR TIMESHETS 11000 AND EXPENSES REPORTS AND REPLICISH of Supplies, 1730 COB NOTOS: 4 Iroms LOUND, ALL LARKE PIECES OF CABLE TOTAL MULES i) TOTAL MILES 2.3 TOTAL MILES

72 Kourisa 4NOU 13 HAWFINS DISPURT HETER X638) ARCHIVE WERKSITE / STAFETY BROTT. 0100 DORART FOR THANSLETS 0130 DADO PARIUS IN THAT SUTTS AREA 1145 CUNCH RETURN TO TRANSCOP 1215 1445 DEBART TLANCETS PICK UP RETURN TO WORKSIZO/BOAR 1540 ARISA DETRART WORKSITE ARON 1600 COB 1630 NOTES: 7 ITEMS, NEW MD, FOUND ON SAGACE. TOTAL ANOMILOS: 7 TOTAL MILES : 3. 2 Trans. m. cos

Contract No.: W9128F-10-D-0058 Delivery Order 0006

5NOU/3 TL: Roulion HAUKINS 0630 Depart Form Hotor / SAGOTI BRE ARRIVE WONKEITE 0700 0730 DEPART WERKSITE GER TRANSPORTS. BEDWERANSOUS 1830 1145 LUNCH 1445 USPART TRANSDETS PICK WA AND RETTOPN WORK 1540 1540 SITE ARONA 1600 DEPART 1600 1630 COB 1630 NOTES! 10 Friend Former NO MO MILES: 2.6 Contract No.: W9128F-10-D-0058

6NOV13 TL Kangar HAWKIMS 2630 DEPART HOTEL SAFETY BREIG 0700 ARLIVE WORKSITE 0715 DESPORT WORKSITE FOR TRADERS 0900 ATRIVE AT PARSet 1200 LUCKH 1445 DERAR TRANSETS Pak up AND RTN 20 more SITS ARONA DOBART WORK AREA COB NOTES! 16 Froms (auno 2 Diles NO MD MILOS : 2.9

A CONTRACTOR

E-395

10 7 NOU 13 m Kouciore The Roulier 8.0013 HAWKINS HALLEINS 0630 DEPART HOTEL DEPART HOTEL 0630 0700 DEPART FROM SAFS BROIF DERAT SAFE BRUTP 0700 0730 DOPART WORKSITE FOR TRANSPORTS. 0730 - DEMAR WOLKSITE FOR TRANSPERS 1030 ARRIVE IN TRANSET ARONA 0930 ARRIVE AT TRANSPER ARETA 1.30 LUUCH 1200 Luch 345 DERHAY -RAISERS DEPART TRUANCOTS 1330 540 ARCHIVE WORKSITE BXIT AND DICKUP 1540 1000 DEPART FOR HOTELS 1600 DEPART WORK SITE 1030 COB 1630 COB NOTES : 3 Froms formed NONEMD MILOS: 1.8 . SHOWSTHIE # 3105 AMORD 17 1064 Stanstate # 3105 TRIMDIE # 36100 Chuent # 1004 GARMIN # 3485 THMBLE # 3660 GARMIN#3685 E-396 Contract No.: W9128F-10-D-0058

12 TIX Kourles 11 NOUB · HAUKINS DOPARY HOTEL 0630 SAFETY BREIF 5700 ARRIVE AT LORKSITE 1730 DEPART FOR TRANSFORMS 0800 6945 APRIVES AT TRADSKYS 1122 FOUND LARIUS CABLE Pic # 1332 LOLATION: 5318906, 24 47359644E 247.89 (HAE) LUNCH 1200 5707 TRANSCO ARDA 345 KEN TO WORKSITES 1530 RTU TO 40102 [400] 1630 cor NOTBS - 1 175m formers 6 DE38 LUCATION LISTED ABOUE MILES: 15 MILIES SHOUSANE # 3105 CAMERA 41064 TRIMBLE # 36300 GARMIN # 3285 Contract No.: W9128F-10-D-0058 **Delivery Order 0006** 

TM KOULLOR 12NOU13 HACKINS 0630 DORALT HOTOR 0700 SAFETY BRENT 730 PARING WORK SITE OPHS DEPART for TRANSOCIS 0845 ARRIVE START TRANS PICH I 13341. LARIE CABLE COMO 09.12 LOCATION - 5318565.77m N 473791.33, E 297. 82 (HAE) 1200 LUNCIT 345 START EDT TRUMBERT AREA 430 START RTN TO WORKSTART UREA 1530 KTN 70 WORKSTART AREA 1600 ATN 70 Hora 130 COB SHENSTATE # 3105 CHOUDER # 1004 TRING \$ \$3660 GARMON #3605 E-397

14 TH Rauser 13NOU13 HACKINS DEPHRY HOTEL 16630 10700 SAFETY BREFE (0800) Ducken START TRANSERS 10900 LOCATE HOT ROCK LOCATION: \$1630 5319254,8 N 473602.03 E 263,64 (NAE) LUNCH 1200 BYDIT TRANSBER ARBA 11330 ARRIVE AT WORK SITE AREA 1530 DEPart for Hotor 1600 11630 COB NOTOS: ITTOM GOWD NOT MD MILES: 1.05 MILUS SHOWSTATO # 3105 CAMORA # 1004 TRIMOLE # 3640 GARMIN # 3685 Contract No.: W9128F-10-D-0058 Delivery Order 0006

14NOU13 TM Karlor HALKINS 0630 DEPARY HORES SAFER BREIF 0700 ARRIVE AT WORK STE 0730 DEPARY for TRANSETTS 0745 1025 ARKING AT TRANSELT INESDAGATION FOR SURVEY AREAS. 030 LARKE CHOLE FORD LOCATION 5320076.37 N SURFACE 473802.10E 287.35 (HAE) LARUS CABLE 1140 fours Location 5320171.78 N 6 IN DEER 473881.22 8 248.85 (HAE) 1200 LUNCH TRANSCEON-RESA 6-AT 330 TO WORK STO RTN 530 600 1-10-752 RIN TO 630 COR SHOWSTATE # 3105 CHANGER EL 10021 TRIMOLO & SLED (LARMIN # 3685 F-398

17 16 15 UDV 13 M Concor 300013 TM Farrier HAUKINS HAUKINS DOSPR7 HOTEL Nason 0630 Mueso SAFETY BREFF 0700 \$630 SARETY BROTE APRIVE WORK SITE 0730 10700 UALLEDO RELIGN Wark PLAN / SAFOT DEPART FOR TRANSLETS 0745 LOAD UP UBHILIES 0930 ARRIVE AT PRAUSDETS LARLIE CABLE FOUND LOCATION \$730 ROCIEVE EXPLOSIVES AND SECURE IN 1030 53196202 N BUNKER CABO START DAY AT CHECKOUT POINT 473872.71 B 271.50×146) 0906 SITE SAFETY BREIF 0 930 STARY MAGAND DIG. ,DO LYNCH 0945 Q-1 STODOL 1038 STAFT 1415 BUNKER JAUGNIORY 1430 DERAKE GOR HOTEL AND EMANSE 1030 END of Q-1 NO PIC Reports 62 ITOMS ALL TRASH 50 LBS OF TRASH COB 1 1630 1035 START Q-2 SITE DOC 1039 1/30 11 FTOMS TRASH 5 LDS. 2 JEEMS MD BIMM MOLTER For PARTS 14B. PIC # 1040 05 MD 135 STAR- R-2 SITE Da 104/1 248 END OF R-2 / ITOM TRADA (LB. NOPIC SHOUSTATE A 3105 SHOMSIM75: 3658/3105 CAMORA : 3962 Compare # 1004 TRIMBLE: 3693 [BIMBLS#3660 GARMIN # 3685 E-399 Contract No.: W9128F-10-D-0058 Delivery Order 0006

18 3DOLIS CONT 1250 STALL R. / 5/16 Doc # 1042 10 FTOMS TRASH 52B. END OF R-1 PROLODA TO R-3 1330 SHE NO BICK 1335 R-3 SET UP. 5178 DOL # 1943 1345 START TIME 4 TTEMS TRASH 22B 1 ITOM MD FRAG SLB 1435 SITE AC #1044 END R-3 MOUG 70 Q3 1448 Q-3 5176 DOL # 1045 13 Irons TRAS/4 6765. 13 25 END DOCK NO PICK 1305 52 5176 DOC H 1046 1330 NO FTONS FOUND NO AIC NO CALLOW Contract No.: W9128F-10-D-0058 Delivery Order 0006

500013 O'TO SAFETY BREIG 0730 START OF DAY POINT AT STREWER 0800 DESPART For THANSES 0405 BEQUE TRANSERTS MEA 3 1200 LUNCH 1445 DEPART AREA 3 615 DEMART FOR SHREIVER CHECK POUT 630 OFPART Col HOTEL 1200 COR NOTES: 2. Smales TLANSECS NO ITONS FOUND 2.5 MILOS TRANSOCTS TOTAL: \$ MILES TRANSLETS Rourise TM LORDON HANKINS Dunnike SHONSTATE: #3105 / 3885 CAMORA : # 1004 / 39644 TRIMBLE: # 3660 / 3917 4 GARIMM: El 36851 3698 F-400

6 DEC 13 TM ROULIER HAWKINS 0720 SAFETY BRISTE 0730 START OF DAY SHREENOR POINT 0800 DEPART FOR AREA 2 USIUM SULVEYS 0930 Contract No.: W9128F-10-D-0058



CONTENTS						
PAGE	REFERENCE	DATE				
-		-				
•						
e	· · · · · · · · · · · · · · · · · · ·					
	19					
		2				
-						
21.5						
		-				
17.40 0						
Sec. 1		ne -				



## ALL-WEATHER FIELD BOOK

Team Lima Name

1

**Rite in the Rain** — A patented, environmentally responsible, all-weather writing paper that sheds water and enables you to write anywhere, in any weather. Using a pencil or all-weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the field, regardless of the conditions.

Specifications for this book

Page Pattern		Cover (	Options
Left Page	Right Page	Polydura Cover	Fabrikoid Cover
Columnar	1/4" Grid	Item No. 350N	Item No. 350NF

**RiteintheRain.com**
23 Oct 13 Tram Lima VS 2 TL: Reece Trub II. Nelson 600. Rhuter 0800: Instrument Chilcout 0830: Deput for transects 0900 Sturt Transects 1000 Gru Transects Kollor Contract No.: W9128F-10-D-0058 Delivery Order 0006

VS 24 OCH 13 Team Lina TL' Reele Tech II. Welson Geo. Reuter 0730 Sufety Brief 0745 Instrument Click 0800 Deput for transects 0830 Stort transacts 1000 Spoke to Several landourers amound the MRS about ROES 1100 Exploration of areas for entrances to unsurge public transacts 300 docurrented rough terroin ended transacts 600 deport for rully point 1615 1700 COB Vothing Forlong

DGM 28 64 2013 Team Lina 25 oct 2013 TL: Reve Trut I. Nelson Geo: Renter Teom Lima TL: Reece Tech II: Nelson Geo: Rewer 600: Julobsen 0730 Instrument Checks 0730 Instrument Chells 0745 Begin DGM preparation 0745 Depart for transacts 0800 Trouble shoot R-8 0800 Stort transacts 1100 Siever and tracked service. 1000 Behin DGM 1600 End DGM unsurveyable areas ?? 1615 IVS 1330 ended transacts 1345 departed for control point 1630 deport for control point 1700 COB 1400 COB Follows F-404 Contract No.: W9128F-10-D-0058

Delivery Order 0006

30 OC+ 2013 Team Lima DGM 29 04 2013 DGM Team Lima TL'. Reece Jun II. Nelson Geo: Reiter TE: Rome Tech I' Nelson Geo: Jacobson Goo: Pout 0730 Safety briet Geo: Jacobson 0745 IVS and Instrument check 0730 Satety Briet 0745 Assisted putting seed along 0815 Begin DGM + DGM Line . 1030 Surveyed unsurveyable afeas Scouted Public Utilities Division 1300 Re-do JUS due to bad morning 0930 location for entrance to transect . JUS Data 1345 Resume DGM lires in area 1 4536 Deport for IVS 1230 Depurt for IVS and equipment 760 Depurt for control point fest line Begin DGM 1730 COB 245 End DOM 610 1630 Deport for IVS MY COB 1730 1430 Nelson twisted unkle, but was able to proceed twough Nothing My the Day Fallows E-405 Contract No.: W9128F-10-D-0058

Nov 2013 Teom Line DGM 31 Oct 2013 Team Linn DGM TL' Reace TechT: Nelson Geo' Reuter TL: Real Uxo II. Nelson Cro: Renter 0730 Safety Brice (reo: Jacobsen 0730 Safety Brief 0800 Departed to specific with PUD 0800 Depury for IVS 0830 Agantal Corps Seed Supervisor for access to transact Begin DGM 0900 Survey aran 1200 Stouted for access point to Plunted Corps Seed 1300 Western protion of MIRS transact End DGM 1400 Survey area 1415 Deport for JUS Depart for IVS 1500 1400 COB 1415 Begin DGM 1630 Erd D6M IVS 1700 1730 LOB Nothing Nothing + Follow F-406 Contract No.: W9128F-10-D-0058 Delivery Order 0006

10 1 Nov 2013 Team Lina DGM TL' Real Trin I. Nelson Geo: Jucobsen Geo. Renter 0630 Safety Brief 0700 IVS and Instrument chek 0730 Put in Corps Seed 0800 Begin DGM Sconted Unscretable area in 1400 Vulley in TAAD 1445 End DGM 1530 IVS 1630 COB Not his Rolling Contract No.: W9128F-10-D-0058

5 Nov 2013 Trom Line DGM Tah III: Drac Tach II: Nelson Ceo. Renter Uco: Tucobsen 0630 Sufety Brief 0715 IVS and Instrument Click 0745 Put in Corp Seed 0815 Begin DGM 1400 Scould Second Unsurperable and dangerous Survey oreas in TAAD 1500 Enl DGM 1530 I's and Instrument Clack 620 COB tothing Follows

12 - The 2013 Tran Lima VS TL' Reace Tech IL' Nelson Ceo: Penter Schonsfelt: 3104 6175: 3679 0630 Salety Briet 0700 Instrument Chell 0730 Deport for fronsects 0800 Trial to aucss TAI, Unsuccession Surveyed unsurveyable creas Deport for entronce to East side 1100 of TAI 1230 Beyin Trunsucts 1530 End Transacts 1.8 miles 1630 COB Nothing Follow Contract No.: W9128F-10-D-0058 Delivery Order 0006

Nov 2013 Tram Lines DGM Tah III: Real Tahili, Nakon Goo: Rucher Geo. Jacobyen OPS: 3479 Schonstedt: 3/04 0630: Safety Brief 0715. Ivs and Instrument check 0900: BOAN DGM 1500 1300: Nelson injured lince tripping in the woods 1330: Survival Several unsurveyable lives (SOO' Erd DEM 1515: 545 2.1 Miles 1630: End of Day Noth. 3 Follow F-408

12 NOV 2013 Team Lima Dlam/ US Ten II Reen Tan II. Nelson Geo. Rucrel (sed: Jacobsen Schenstedt: 3104 GPS: 3679 0630. Salety Brief OTIS IVS 0.800" By DGM 1030: End Dam 1130: Begin Transacts 1200 Toice to access TA , unsuccessfu 1215: Tried to access another approach into TAI unsurcessful 1400. Begin Transacts in TA2 600 . End Transects 630 - COB Contract No.: W9128F-10-D-0058 **Delivery Order 0006** 

15 Nov 2013 Team Lina VS Ten III: Prece Trun II- Nelson Gedi, Router \$ charsted +: 3104 6P5: 3679, 3682 0630 - Sofety Brict 0715. Depart for TAI 1100: Could not access transcots in TA), to Steep, durse brush, dangelous 230: Benin Truscuts in TAD 1530' End Transcets 1600: Depart for control point 130: 103

14 Nov 2013 Team Lima May + Dig TI Reeve TaunII. Nelson Schontert: 3104 XH: Lima 0630: Satery Brief 0715. Set up for May + Dia 0800: Instrument Check 0830: Put in corver stakes 1000. Benin Grid Lt MD. I Ppices Smallorms. 12 NARD. 2 116. 116. Photo: 0981 2165. Total MD Smullest depth : O incres Deepest. 16 incus Avg: 8 incus 27 anomalies 25 Finds 1530: Finish Grid Ly 1130; COB Nothing Followy Contract No.: W9128F-10-D-0058 **Delivery Order 0006** 

15 Nov 2013 Term Lima May + Dig There Tein I Nelson Schenstelt: 3104 XH: Lima 0630. Safety Briet 0715. Fristhumend Chill 0 800: Begin Grid K4 1030: Finish Grid 164 MD: 10 Smallarris 5 Trashis 1.5,165. MD 19,165. Track Photo: 0985 0986 18 Smallest Depth: 3 Due to the Deepest Depthild Side of the grid being Short, Aug. Depth' 6 ran 4/ lines 24 Anomalics 23 Finds 1100: Begin Goud tes MU 1350 End brief M MD:4 SmullAms.0 0.5165 Photo: 0984 0.51bs total MD Smallest depth. y irenes Deepest! 12 incres Avy 8 inchs 4 anomalics . 4 Finds 1400 Benjin Grid K3 F-410

and the second



18 Nav 13 Trom Lima May + Dig TL' Reace Tan F. velson Schunstatt: 3104 XH. Lima 0630: Bafety Brief 0715. Instrument Chell 0730: Benin K3 0800: USO Found 37 MM 0815. Uso Found. 37MM 0825. UXO Found, 37 MM 0842. Uro Fand, 37MM 0940: Finish Grid K3 MEC: 4 MD: 8 SA: D Trasz: 9 1 1b MD prob. 0993 18 BG. Trush 4x0 item 1: Tinches Deep 4vo item 2. 6 incus 410 item 3. 5 inclus Wyo item 11: Tincks Deepest MD iten. 8 incres Shallowert: 3 incres argi kireks 23 anomalies 23 Finds For shorter multiple lancs due to Smaller grid Size 10:00 Storted brid LS 1305 End crid LB F-411

boo' COB 20 MOID 546 PRDD Trushlo 16/2 1.5. Proto: 0995 Deepest item! 14 inches Shallouest: 4 reces Ava: 7 incres 30 Anomalies 30 Finds 311: Sturfed Grid LD 14/50: Finish Ld MD'. 3 Trash'. 14 Photo. Voxin a O.SILS. 22165. 0996 Tranemalics IT Finds Tollow Deepest item! 14 incres Shallouest: 4 incus 1500 Started Grid K2 1540: Finished Grid Kd MD:0 Trash: 17 0105 43.165 Deepest item: le inclus Shalloust: O incus Arg. Bircus Manomulies 17 Finds Small Corid So run Severa Contract No.: W9128F-10-D-0058 F-412 **Delivery Order 0006** 

19 Nov 2013 Tran Lima May + Dig TL' Reece II Roulier JanII Netson TechII: Humeins Schensteat, 3104 Schenstedt: 3/05 KH: Lima 0630 Saler Briet 0715 Instrument Check 0745 Sturt Grid LI 0820 Finish Grid LI MD: O Trush: 6 items 3 165. Deepest: Yinchs Shalloweyt: O incus Avg. 2 incres le anomalies 6 Finds 0810 Start Grid MI tinish Grid MI 0910 MD: 2 Trast: 3 110. 115. Photo: 1002 Deep' 7 incres Shallow! 3 Arg! S Saromalics SFinds 0920 Stort Grid AD NI 1000 Finish Grid MI Contract No.: W9128F-10-D-0058 Delivery Order 0006

MD: O Trashilo 81bs Deepest 12 incres Shallovest: 11 gnomalics 10 Finds 1016: Storted Grid Ma 1115 Firish Grid Ma MD: O Trash: 7 2165. Deepest: 8 incus Shallow: 2 Avg. 8 anomalies 7 Finds 1215: Storted Grid NOO 1245: Finisked Grid NOO MD: O Trush: 3 2165 Deepest: 18 inclus Shallow. 4 Sarpmalics 3 Finds 1250: Sturted Grid MOD 1B10: Finished crid MOO MD: O Trush! 14 8165. F-413

24 Deepest item. 9 incus Shallowest: Sinchs Avy. 5 Anomalics 14 Finds 14 315: Sturted brid 600 1340: Finished Grid LOO MO: 0 Trush: 4 18 13 3165. Deepost item. Jincus Shallowest !!! I incomes Avg. 5 incus 13 anomulicy 13 Finds 1400 Started Grid M3 1520 Finish Grid M3 MD.3 Trush 4 5 lbs. 6 lbs. Photo 1008 Deepest: 8 incus Shellow: 3 inclus Avg. Anomalics 7 Finds 1600 COB Contract No.: W9128F-10-D-0058 Delivery Order 0006

25 20 Nov 2013 Team Linny May + Dig TL' Real Tran Di Nelson Schalstedt: 3104 XH: Ling 0630 Satety Bret 0715 Instrument Chul 0740 Begin Grid Q9 0930 Finish Grid Q9 MD: O Trush 3165. Deepest: 6 incus Shellow bincus Avy. 2 anomalies | Find 000 Sturted Grid R9 1120 Finished Grid R9 MD: 2 Trashil 112 2165. Photo. 1012 Deepest: 8 news Shallowest 6 incus Aig. 7 11 anomalies 3 Finds 215 Storted RID 1335 Finished RID MD' I Trash' 2 Deepest: 1.2 inclus Photo 1014

26 Shallowest, 4 incus Avg. 5 anomalies 3 Finds 1345 Started Grid Q10 1510 Finished Grid Q10 MD.8 Trosh: 3 110-116. Photo. 1016 Deepest. 12 inchis Shalloust: 5 Aug 12 anomalics 11 Finds 1600 COB Nothing to Hours Contract No.: W9128F-10-D-0058 Delivery Order 0006

27 DI Nev 2013 Jam Ling Mag & Dig TL' Prece, Raylicr Tech I. Huwkins, Nelson Schenstertt: 3101, 3105 XH. Lima 0630 Safet Brief 0715 Instrument Chell 0745 Begin Grid 5-08 D910 Finish Grid 5-08 MD:0 Trush: 112 items 3114 Deprest. 18 incus Shullow 10 Ava 115 anomalizy 112 Finds 0940 Begin 600 5-09 1005 Finish 5-09 Mp. O Trush: 3 17 165 Deepest: 12 incus Shullow: 4 4 Avg. 8 3 anomalics 3 Finds 1010 Storted Grid Slo 10.50 Finished Grid S10 MD.O. Trashi, a E-415 3164.

28 Deepest 8 inclus Shallow 1 Ary 6 2 anomatics 2 Finds 1100 Started SI 1237 Finishd SI 1 MD 3 Trash 0.5165 2165. Decpent: 6 Photo: 1021 Shellow 3 Photo: 1021 Ava 4 anomalics 4 Finds 1245 Storted RII 1330 Finished RI MD.O Trash 13 4155 Depost. 7 incus Shallow 0 Ava 4 17 anounalies 13 Finds 1340 Started Q1 Finish QII MD.14 Trash 10 LIVS. 140 Finish QII 116. Proto: 1023 Deepest. 12 incus Shallow's 4



30 22 NOV 2013 Team Lima May + Dig TL: Reece, Roulier Tech II. Humans, Nelson Schonstectt: 3104, 3105 XH: Lima 0630 Satety Brief 0730 Instrument Chul 0745 Stort Grid TIS OMP O Trash 0900 Erd Grid T12 MD: 0 Trush: O 0910 Stort Grid SIZ 0950 Finish SID MD: 2 Trash: 7 0.5 3165. Proto: 1030 Deepest: 6 inclus Shyllow: 3 Avg. 5 11 anomatics 9 Finuls Sturtal T13 1000 Finish T13 1055 MD: 0 Trash: 10 2165. Deepest : Binches Shillow! AVA Contract No.: W9128F-10-D-0058 Delivery Order 0006

1100 Storted Grid S13 Finished S13 1205 MD.O Trash: O Storted R16 1210 1255 Ended 12/6 MD.O Trush 3 SIDS. Deepest: Yirch Shallow. Q Avg: 2 5 anomalics 3 Finds 1300 Storted RIS 1330 Finished RIS MD:0 Trush:8 31bs. Deepest: Sinch Shallow. 2 inch Arg. 3 8 anomalies 8 Finds 1335 Started Grid R14 1430 Finiskel R14 MO.O Trush. 6 3/15. Deepest: yircus 0 Shullow? 2 Avg. F-417

32

1440 Storted Grid R13 1515 Finished Grid R13 MD:0 Trushi 1 Deepest: 0 Shallow: 0 Arg: 0 (Aromaly If-ind) 1600 (013 E-418 Contract No.: W9128F-10-D-0058

Delivery Order 0006

•	CONTENTS	**.
PAGE	REFERENCE	DATE
	· · · · ·	
-		
-		

livery order	8F-10-D-0058 0066 Rain
ALL-WEATHE	R WRITING PAPER
	L-WEATHER ELD BOOK

Address	1	
Phone		
Project	-	

nite in the Rain — A patented, environmentally responsible, all-weather writing power that abods water and enables you to write anywhere, in any weather. Using a powerfur all weather pen, *Rite in the Rain* ensures that your notes survive the rigors of the food, regardless of the conditions.

#### the indicate for this book

Page F	Pattern	Cover	Options
Last Page	Right Page	Polydura Cover	Fabrikoid Cover
	1/4" Grid	Item No. 350N	Item No. 350NF

### **RiteintheRain.com**

18 Oct 2013 Met with personnel who drowe. HDR leased truck with site equipment. Equipment was inventoried and inspected, seophysical equipment was tosked Local purchase at equipment/supply deficiencies Drove to MKS inspected site for portails Mongazines DGM began work on preliminary survey control Point activities Motified local sherift and the degastments of operations

19 Oct 2013 lesignated an area for IVS; swopt up Schonstell, cleared anomalies, then check of EM-GI. More gnomilies needed to be cleared and the gren was re-swept, Data processing needs to be completed before continuing

20 Oct 2013 Received Skid steer, Hawkins inspected and removed bern to provide access to area for Magazines. Rece supervised / spotted. IVS installed lestablished

22 Oct 2013

In-briefing siven to site personnel (St. Amand, Jacubson, Aveter, hace, Nelson, Gordon, Dunmine, Noulia, Vlaukies). Briefing included: APP/SSHP, technical approaches to the project, expected munitiving and greatest item of concern, emergency contact numbers and route, claily operations, reporting requirements OSHA 3- Day basiss Trucks set up for site and JAW APP/SSHP lersonnel on MAS for Trimble training previded by Queter Hospital route driven Day boxes deligated

23 Oct 2013 PM Larry de Vries on site to observe sesiming of field offerations and assist in selecting Survey control points Surveyor James Wonsler of Wengler Surveying à Mapping arrives PM and surveyor given safety brief and escorted by UXOSO/QCS Observed Tran Lina Conducting Visual Surveys in Technical Approach Area L

24 Oct 2013 Surveyors from Wengler on site to establish control joints; safety breef sien and escorts provided Electrician utrives to spund portable cyptorios masazines; sately brief given undescort provided Magazines stounded IAW DA Ram 385-64 Tisle 17-1, Grounding System Inspection and Test Requirements, and NFPA 780 Section 5.7,5 rectal Portable Magazinos Observed Team November Assisted Visual Survey in Technical Approach Apren 3 (Inifial Observation) No AllEH Gound by any teams telay

25 Oct 2013 Wengler Surveyors on site to continue / complete establishing control points; surveyors were siven a site Setety britt and plouded escorts Observed surveyors and escorts in Tech Area 2 Field operations concluded early to allow time for vehicle / salety equipment checks and admin - timestects and expose reports No MPPEH Gound today

28 Oct 2013 Performed Initial Inspection of DGM - EMGI Coil tailed initial calibrations and was report, passed re-test Teum Ling performed AVS, leading the DGM tam and recording non-munitions related features (fence and survey marker) Explosives were betweend, inventorial, and sourced Magazines were inspected 1945 issued UX050/QCS: #122081 for initiators may SUXOS: # 22675 for the may Custodian ! # Caco for HE may and # 436-3390 for initiators may No one person can accoss either magazine No MBEH located today

# 29 Oct 2013

**Delivery Order 0006** 

Received Net Explosive Weight and hazard classes of contents & magazines From custodian; forwarded in writing to Clallan Fine District 2 (Chief Sam Phillips via compilas previously asied)

VIXO SO/QCS and SUXOS affempted to Find access to 75-ft transacts in Aren 3; could not find access, a duising teams to be liberal with unsurveyable documentation due to to to train/vestation

Contract No.: W9128F-10-D-0058

30 Oct 2013

Observed DGM calibrations & DGM survey of Technical Approach Aren 2. An inert 37 mm is now seins used as a seed in one transact for day to meet WP para 3.4.6. 1; John Jacobson (as DGM QC) will engure this is done.

Several purtial transects had to be drapped as unsurveyable due to terrain and regetation effections EM-GI litter survey. It may be possible to re-visit some of those greas as strictly tos

12		
31 Oct 13		_
OBServed Team India Performine	+US of	
the 75-foot spaced transacts in Toc		_
- Tran Reformed suppeys a long pre-pl		_
> 50% variance were documented as u		
as slope that could not be safely	r nestiated	-
Anomalies found were adequately inspe	figured	
		-
-		
Contract No.: W9128F-10-D-0058 Delivery Order 0006		12

Nov 20	013						,	
Vfdaki 9nd	l Drilly ydate	lavent camere	ary to , ser, al	eflect no.	g Side	an Sc	hansted 1	4
Conduc of chain	fed Mo tampering across	of v	inspect andalism s read	skill	SUXO nding : infact	s; no still in	eviden place	6
		1.1.1	y inste check					
			ndicted Admin					
v								
	*				*			

E-425

14 . 4 NOU 2013 OESS Wesster Koller givines on ste, shown maggizines - maggizine inspection conducted while there and open area where DGM coverage is being performed in Tech Aren 2 Tegins Lina and DGM were beyond No MIPEH found by any trams today SUXOS Proposed accessing west side of MRS from Mount Bleasant Snow Ridge roads, Tenm November departing from Port Angeles instead of cally point on their fack RI. Spale to 07.55 about sustalling a two point test for schonstedt on vest Side. Approved by OESS and USACEDM

5 Nov 13 Went out with Team November, installed two ment 37 mm bullets at (" and 12" to test Schonstelt; term designated a point to las Trinsle start of day Eature Tracelled back to schriner rally joint, 0835 Conducted QA checklist

16 6 Nov 13 After discruing Schenstell checks, worked on falling QA deticiencies Weekly status call took place today Contract No.: W9128F-10-D-0058 Delivery Order 0006

7 Nov 13 Observed Schonstedt checks and fast of day procedures I'll expressed concern that no MPPEH is being found in AVS sweeps : UXU SO/DCS and SUKOS performed seperate AVS of 75-67 sorred transact area in Tech Approach Area 3: Walked transact lines, between transect lines, across (perpendicular to) transects. Nine anomalies were investigated none were munitions related beceived and torwarded lefter from electrician regarding scounding magazines IAW NEPA 780 to 0255 Forwarded e-mail chain describing work fra approval to OF55

18 8 Nov 13 Observed Team November ferform AUS, accessing Tech Approach Area 3 From the west of MRS, OESS a so observed. Team Ellowed pre-glanged transports loaded in a Trimble Geo XII, adjusting for terrain and vegetation. Verotation was so thick in gras that reliance on the Schonstedt was needed, TL expinded sweep in more open areas, Some greas where navisation/survey was impossible or unsafe were documented as unsur veyable? OESS departed ground lunch, expressed no issues' with team's performance

11 NOU 13

Observed Schonstedt Europian doct geross from Schriner yally frint (at IVS) Observed Trimble start of day Observed EM-GI fotter calibrations check

EM-61 passed, trams were able to perform surveyes observed Team Lima perform AVS and lead litter team on pre-planul transacts, adjusting for terrain and vesetation. Areas that took the teams out of tolarance were documented as unsurveyable. Twice Lima out paral the DG M team because of difficulty maneuvering the litter.

In-transect seeling was not done due to back of positional accuracy

Deserved second set of IVS data

No teams Gound MIDEH

20
12 100 13
Observed India and Lina Schonstalt check
VCViEred Daily Equipment Incentory
OESS QA checklist completed - Forwarded to
HOR BM and UXO QM
UX050/RCS and DESS performed AUS QC of
75-Et transect area willed by UX030/RCS and
SUXOG previously; tracks were dissimilar, 13 additional
anomalics were investigated, non were munitions related
No teams and MBEH
no tums cona MWCH

Nov 13					
5 served Sc Verified D.	henstedt	checks ipment 1.	incentory		
050/QCS, magazines		*			
incentory - a secured frep.					
be performed o MICEH	l femer	you			
			*		

- 22
14 NOU 13
Observed Sele felt of the at the last of
Observed Schonstelt check and Trinkle start of day
Verified Daily Incentory
leave Line was alected to begin subscribe investigations
for formed Propratory these inspection
work legan after inspection Treview of procedures
Performed initial those inspection
Team was siven a priority greaby PM where it is
believed mortais were fined; Team Collowed W/ in their investigation
- 10000 montais well tired, leave coloured with in their investigation
DI. I MELLO I
Observed XRF/performed Initial Inspection
Lima Found MP in sid L-4, MD Handling, Storage
procedures followed; SUXOS inspected and stored in
lacked container
Contract No.: W9128F-10-D-0058
Delivery Order 0006

5 Nov 1.	3						
Observa Verific	d Scho zol Pri	nstedt c. 'ly Incen	beck sno for y	l Tvims	le start	d da	7
Follow e Investig	ed up mations	with and Mu	Lima's	per tesma ling	nce Cf	505 St.	16700
Mark Giver Sile	Murphy n safet	y USAC	E IM e escartes Field Tec	from Sog 1 by OC 6 former	Hk, on 25 and 14 From L	site Suxos,	
					dicted,		
			sy sukos tions con		curad 'admi:	,	
					, dat to		¥
							-

24 18 Nov 1	3					
personnel	mobiled ,	HDR Person to the site d, and d	· Certific	ations u	ere	
		re tested a	_			
including	All/SSH.	re siven P, Subsur , and ME	face Junes	fisctions	nd britting MO Hand	s linz,
New Pers Pief. Pho	ionnal were	integrated	its Mag.	EDiz te	ams after	
Conducted MD Ha	l Initial adding and	Inspection Storage	& Subsi	inface Inve	sfigation {	
Four Me were d	islosed of	(37мт НЕ , ргосен	found in was in	K-03 spected	this morn,	irg
		storage q	dited, s	iuxos 5	biel MDAS	
No XA	lf due t	o rain			1 1 1 1 1 1	

19 Nov 13 Versad Schonstell's geriled, will not be carried on MOR equipment inventories Schonsfedts were tested at IVS A second lussage scale was purchased and supplied to the additional May & D's team lerformed follow- of inspections of both May i Dig teams and MD Handling & Storage procedures Tead MC Sampling Lead (Field Tach III Latt Inter) decided to conduct XK F Thursday (21 Nov 13) to allow ground to dry

26

20 NOV 13

Observed morning Schenstoff check

Received TA 2 Bonsity Map: All suids from Surveyor Greek to Deer Park hand Need to be investigated. Assisted SUXOS in-determining Time estimate to Completion and cannot finish and lemb by Thankssiving

Participated in weekly Status call

Open of Remob Schedule and backed travel arrangements. Friday will be final field day, Sat will be denots activities and personnel released to Seattle for Sunday Flights. UXO 50/08 and SUXOS will stay an additional day to perform weekly magazine inspection Personnel will re-mob 2 Dec, Field work to Sesion 3 Dec

MP inspected by SUXOS MDAS recured

21 Nov 13 Schonstadt checks conducted Observed XRi - Sampling, began Sampling the four grids where SA desris was found Magazine Inspection conducted MD Handling completed up SUX 05 inspection and securing MDAS

### 22 Nov 13

Observed Schonstedt checks

USALE Regional Project Lead Mark Mupphy and WA Apt & Ecology UNO honnic Johnson conducted Sote Visit. Given safety brief and escorted by OESS, UKO 50/RCS, led by field Tech dueter. Areas of interest nere the grid MEC items were found, area of Buragerty incident, edge of Surveyor Creek decimented as unsurveyeble. Also shown disposed area

Acter visit, In-site XBP was completed: no points tested above action level

SUXOS inspected MD processed by teques; MOts secured Tennes secured site equipment; 105, survey poits, 19745

Versar personnel demobied after conclusion of field mort

No Field work - Demob activities

All sise equipment was downloaded from vehicles and stored in All View Motel im 20 Larsed vehicle was sately inspected and will be left in Birking at hotel. A safety briefing was conducted and included holiday topics. Personnel were then released to travel to seaffle for flights out tomorrow

time sheets were filled out

Expense reports are to be done individually and submitted while "home"

and Elagging will stary

30				
: 24 Nov 13				
1142 6 1				
UXO 50/QCS m	ed sukas	s refrieu	ed two-	- item
test strip on we			hen com	lected
i magazine incentor	t inspecti	m		
SUMS		. 1		- 10
SUXOS UX. Eield activities	050/QCS	demos,	fized to	ollowing
tiera activities				
]				
Å			2	
			-	
•				

3 Dec 13 Site personnel re-mobilized 2 Dec Heterl, Valles, Inzinna added Recce, Gullickson, Neter didn't reform World have DESS for the rest of project bersonnel re-reviewed WP and practices for Mage Die Viscal surveys and MD Handling's Storage Field work resurred observed may is dig the term Hetzel was on site I Rec to inspet maggzines, reviewed his report Explosives were received and secured, layta cauch reviewed. Inspection conducted beninded HDR AM on NO TOggand latter V headed for new Techs

32
- 4 Dec 13
- Observed Schonstedt checks /Trimble - start of day
- SUXOS sent two US tegms to Hurricane Rilge Road in Olympic Nall Back to attempt
- acces to south-nest corner of MRS
- Participated in weekly status call
VS teams were unable to access MRS due to steep terrain, Asked Forest Rayers For
- assistance; Rangers checked topo maps and intermed teams there is no access
MO touch by may & dig inspected by suxos,
MOAS secured
Contract No.: W9128F-10-D-0058

**Delivery Order 0006** 

Rec 2013	
Observed Schonstelt ch	ecks, Trianste start of day
SUXOS intends to Form to check access routes in	he in surveyed arous
of TAL; a new term Initial Phase Inspection Inspection of current V	. Mare to step laitial
current teams have been	
HDR BM e-mailed UXO	
Legm; UX050/QCS Un inspection gertorm	stand up the third VS Observes Mas & Dg; Collow-
VS teams found access via lossing road thro found	to st correr of MRS ush state Lout no MD/ME
MD processed by Mas & MD + 5 socured	Dis inspected by SUXOS

34

6 Pec 13

Observed Schonstedt checks and Trimble start of day

Left w/ VS Teyun India to perform Follow-WP Inspection, Beccived call From Mag & dig to check 75mm. Reparted India (no data collected), met SUXOS. Determined 75mm to be practice; removed For lafer demil, Mag & Dig Found 37mm ME in their next grid, arranged demo draw to destroy and demil 75mm UXOSO/QCS and SUXOS determined 37mm Safe to move shot set up in middle & open green. Mag & Dig taya and Teans India wat for demo, then cleaned shot holes

Vehicle safety inspections conducted, admin (timestats and expense reports) token care of

MD process was colloard

VS Team November continued in SE MAS

9 Rec 2013

Observed Schonstedt validation and trimble start of duy, verified D-ily Inventory

Drafted demots time line based on picty bility field operations will conclude the husley (1, Arc) Eing led

Piscost dend time line up BM

Usselved mus & dis operations

Observed SUXOS inspect MD, MDAS secured

US Teams India and November continued attempting transacts in SE MAS, could not access now transacts, Wallaced a road recording on surveyorge foints on November's Trimble

36 10 pzc 1	13
Observer	ed Schenstedt checks and Trimble start y, verified inventory
	ed demolition procedures to demit ice 75 mm and 81 mm
	le setbacks, waiting for weekly status to besin planning travel
	Acs and SUXOS inspected magazines
	rocossed by massing inspected by sures, secured
VS Tm	November attempted to fill transacts in
	partion of MBS; no transacts walked due te , unsurveyable points collected

37 11 Rec 13 Observed Schonstelt checks, Trimble Start & day verified intentary Me-conference call w/ PM to discuss recent and wient opprations for sait brief weekly status call - PM save exit briet all involved agreed everything was done to collect all possible data and have can denot Grids were completed - no MD/ MEC found toky US toams November i India attempted to Fill tUS Sops, entering from the wost to access south-Central and TAI. India was able to walk 9 Short transect in NW portion of MAS. Unsurveying points collected, AVS complete Two personnel selected to drive company resize back, backed Flights for sfor fri and unosurges and SUXOS Set, two departing by Por

38

A Dec 13

Observed demo operation to dispose of remaining explosives

Two personnel ascorted/over som emptied magazines moved by Evergreen Towing For storage aren to a site off of Ber Park for access to Austin Powder Same two pereived skid steer From Dirk Rentals and re built bern to Slock access to off Deci Park

1V5, Elassings and laths used by HDR removed laths, survey paints installed by Wenzier Surveying i, Happin were lotf in glace

Shot holes were rehabilised, native gress spead gread over demo area, parking/ rally point, and borm

HDR equipment loaled into leased truck

Ressonnel released to drive to beattle for domai

- aqualm Fire Pist 2 notified no more explosites on site

13 Rec 13 UX050/QCS and SUKOS over som Austin bender remove postable eff. magazines Dik kentals contracted SUXOS, cannot fick up skil stor. SUXOS will take key to Dik dece MDAS was 100% 10-inspected and repactaged for shipment to Timberline, 1343-1A prepared Ux050/QCS and SUXOS &mos after carelising

Contract No.: W9128F-10-D-0058 Delivery Order 0006

# HR

## **Field Change Request Form 1**

This is to be completed prior to the implementation of any changes to the approved work plan

#### 1. What is the approved design?

Section 3.4.8 Data Processing states:

"In general, GPS data points with position dilution of precision (PDOP) values higher than 4 and RTK fix solution other than 3 will be removed."

2. What are the changes/ deviation from the approved work plan?

The text will be revised as follows:

"In general, GPS data points with position dilution of precision (PDOP) values higher than 4 and RTK-fix solution other than 3 will be removed."

#### 3. What is the justification for change?

The Digital Geophysical Mapping (DGM) positioning accuracy requirement for the project is +/-1 meter. An RTK fix solution of 3 indicates +/- 2 centimeter positioning. Since centimeter level accurate positioning is not required the other RTK solutions of 1, 2 and 4 are acceptable. Please note that there is a reference to similar text in Table 3-6 for positioning specifications where the removal of RTK positioning solutions other than 3 is appropriate (i.e. daily GPS checks) and is not proposed for revision.

Requesters Name: ]	Lawrence deVries, Project Manage	Date: November 11, 2013
HDR, Inc.		Digitally signed by MILLERJOHN.M.1231274274 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
Approvers Name: _	4274	ou=USA, cn=MILLERJOHN.M.1231274274 Daga 2014.01.24 12:21:49 -06'00'
USACE Omaha Di		

Field Change Request Form

# HR

# **Field Change Request Form 2**

This is to be completed prior to the implementation of any changes to the approved work plan

#### 1. What is the approved design?

Section 3.1.4 Investigation Strategy states:

**Technical Approach 2** will be conducted within the **Direct Impact Fire Area** and **adjacent buffer zones to the east and west** (R01-SR01, R01-SR02, R01-SR05, a portion of R01-SR04, and a portion of R01-SR07). The technical approach within this area is driven by the use of 37mm and 75mm artillery fired and fixed and towed ground based targets within a discrete area.

• AVS will be performed by a UXO Technician and a Geophysical/Field Technician (Section 3.1.5). All field teams will be assembled in accordance with EM-385-1-97 (USACE, 2013).

o Initial AVS transects will be spaced 75 ft. apart.

o AVS transects will be spaced 35 ft. apart within the open area where there were likely targets (meadow) illustrated in historical aerial photography (Figure 3-7).

o Non-munitions related features (e.g., fencing, utilities) that can interfere with DGM will be recorded

• DGM surveys will be conducted to determine areas with high subsurface metallic anomaly densities(Sections 3.1.6 and 3.4)

o DGM transects will be spaced 75 ft. apart.

o DGM transects will be spaced 35 ft. apart within the open area where there were likely targets (meadow) illustrated in historical aerial photography (Figure 3-7).

o 200 ft. x 200 ft. subsurface investigation grids will be positioned over areas identified as containing high anomaly densities (250 anomalies per acre or greater) determined by the DGM.

o A minimum of 10 percent (%) of each grid (i.e., a 200 ft. x 200 ft. grid with 5 ft. lanes at the 0 ft., 50 ft., 100 ft., 150 ft. and 200 ft. intervals).

o Contiguous subsurface investigation grids stepping out from the high anomaly density areas (i.e., 250 anomalies per acre or greater) will be established if munitions are observed and until the extent of the munitions have been determined.

• Analytical sampling for explosives will be conducted, if required (Section 3.1.11.1). "

#### 2. What are the changes/ deviation from the approved work plan?

Portions of areas depicted on the attached map will be surveyed utilizing assisted visual surveying (AVS) techniques with real time excavations.

The environmental factors described below in item 3 do not permit the establishment of mag and dig grids. The munitions related items (if any) recovered during the real time excavations will be utilized to determine the nature and extent of any munitions that may be present.

AVS with real time excavation transects will be walked at a transect spacing of 75' to the extent practical. It is anticipated there will also be areas that can not be surveyed with AVS and real time excavations due to the environmental factors described below in item 3.

#### 3. What is the justification for change?

The areas depicted on the attached map can not be surveyed utilizing Digital Geophysical Mapping (DGM) techniques due to the impassable vegetation, down trees, slippery slopes and other environmental hazards. Attached are 12 pictures that depict the site conditions described above to support the FCR. Instead of calling the areas unsurveyable HDR is proposing to survey the areas utilizing AVS with real time excavation techniques to fill the data gaps.

Requesters Name: Lawrence deVries, Project Manager Date: November 19, 2013 HDR, Inc.

HDR, Inc. MILLER.JOHN.M.12312 Approvers Name: 74274 Date: 2014 12:20:26-06:00

USACE Omaha District

Field Change Request Form





1283 -Dense vegetation approximately 1.5 meters tall consisting of ferns, thorn bushes, downed trees, slippery footing, mud, walking safety hazard, unsurveyable for DGM



1285-Dense vegetation approximately 1 meters tall consisting of ferns, thorn bushes, downed trees, slippery footing, mud, walking safety hazard, unsurveyable for DGM



1282 -Dense vegetation consisting of ferns, thorn bushes, downed trees, slippery footing, mud, walking safety hazard, unsurveyable for DGM



1286 -Dense vegetation consisting of ferns, thorn bushes, downed trees, slippery footing, mud, walking safety hazard, unsurveyable for DGM



L0967 - Dense vegetation approximately 2 meters tall consisting of small trees, thorn bushes, many downed trees hidden under ground vegetation, slippery footing, walking safety hazard, unsurveyable for DGM



L0966 - Dense vegetation approximately 2.5 meters tall consisting of small trees, thorn bushes, slippery footing, mud, walking safety hazard, unsurveyable for DGM



L0964 - Dense vegetation approximately 2.5 meters tall consisting of small birch trees, slippery footing, walking safety hazard, unsurveyable for DGM



L0969 -Dense vegetation approximately 1.5 meters tall consisting of ferns, thorn bushes, downed trees hidden under ground vegetation, slippery footing, walking safety hazard, mud, unsurveyable for DGM



L0962 - Dense vegetation approximately 2.5 meters tall consisting of thorn bushes, slippery slope and mud, downed trees hidden under ground vegetation, unsurveyable for DGM



L0960 - Dense vegetation approximately 1.5 meters tall consisting of downed maple trees, downed trees hidden at ground surface, slippery footing and mud, walking safety hazard, unsurveyable for DGM



L0959 - Dense vegetation approximately 2 meters tall consisting of thorn bushes, slippery slope and mud, unsurveyable for DGM



L0953 - Steep terrain, slippery slope and mud, trees and branches hidden directly under ground surface, walking safety hazard, unsurveyable for DGM



L0954 - Dense vegetation approximately I meter tall consisting of ferns, large downed trees, slippery slope and mud, walking safety hazard, unsurveyable for DGM



L0955 - Dense vegetation consisting of ferns, thorn bushes, slippery footing and mud, walking safety hazard, unsurveyable for DGM



L0956 - Dense vegetation approximately 2 meters tall consisting of small trees, thorn bushes, downed trees hidden under ground vegetation, walking safety hazard, unsurveyable for DGM



L0958 - Dense vegetation consisting of thorn bushes, slippery footing due to wet rocks, creek, and mud, walking safety hazard, unsurveyable for DGM



L0957 - Dense vegetation approximately 1 meter tall consisting of thorn bushes and downed trees, steep terrain, slippery slope and mud, walking safety hazard, unsurveyable for DGM



L0968 - Dense vegetation approximately 2 meters tall consisting of small trees, thorn bushes, downed trees hidden under ground vegetation, slippery footing, walking safety hazard, unsurveyable for DGM

This page intentionally left blank.