

		ΔΡΡΙΙ	CANTI	NFORMATION				
Applicant (Operator) Name		Legal Name			DEP Client ID		Phone	FAX
		CHEVRON APPALACHIA, LLC Address 2		279986	4	412-865-3140		
700 CHERRINGTON PARKWAY		Address 2						
CORAOPOLIS		State PA			Zip +4 15108			
Email Address bweimer@chevron.com		24/7 Emergency Cor BRIAN RANKIN						
		WE	LL INFO	ORMATION				
(Well) Farm Name SIEGEL								
Well #	Serial # MCLS 37-0	051-2010		Project # (from DEP)				
County FAYETTE	Municipality LUZERNE	TWP		911 Address of Well site (or ne 244 Heisterburg Road			PA 15433	
Is this an Unconventional well?	Is this a Coal v	vell?		Bond Agreement ID Well I			Deepest Point (TVD))
					, ,			
Wellbore Number Wellbore Nan	10	WELL	Type of W	NFORMATION /ellbore	Iwa	Ilhora C	onfiguration	
	RE SURFACI	E HOLE	GAS	relibure			al Well	
		WELL	. PAD IN	IFORMATION				
Well Pad Name SIEGEL 1								
Will the proposed well location be covered under an existing or previous Erosion and Sediment Control General Permit?	ESCGP Numb ESX15-05			Will this well be built on a well pad?		Well F 1529	Pad 926-SIEGEL 1	
	•	COORE	DINATIO	N QUESTIONS				
Will the well be subject to the Oil a	nd Gas Cons	servation Law?			N			
Will the proposed limit of disturbar from any watercourse or any high one acre or greater in size?					N			
Will the well penetrate or be within	3,000 feet o	f an active gas s	torage re	eservoir boundary?	N			
Is the proposed well location within the permitted perimeter of an active, abandoned or proposed landfill?				N				
Will the vertical well bore of the un building or an existing water suppl		well be drilled w	ithin 500) feet from any existing	N			
Will the vertical well bore of the un existing water well, surface water i by the water purveyor?					N			
Is this permit application for a well completed prior to April 16, 2012?	that will be d	rilled on a well si	ite for wl	hich construction was	N			
Will the well be located where it me of a Well Location with Public Res				ed in the 'Coordination	N			
Will any portion of the well site be				atershed?	N			
· · · · · · · · · · · · · · · · · · ·				Υ				
Will the well or well site be located within a defined 100 year floodplain or where the floodplain is undefined, within 100 feet of the top of the bank of a perennial stream or within 50 feet of the top of the bank of an intermittent stream?				N				
Is the well to be located within a 1-mile radius of a well drilled to or through the same formation where hydrogen sulfide (H2S) has been found while drilling?				N				
Did you have a PNDI hit for the PA Department of Conservation and Natural Resources Bureaus of Forestry and Topographic and Geologic Survey?				N				
Did you have a PNDI hit for the PA Fish and Boat Commission?				N				
Did you have a PNDI hit for the PA	A Game Com	mission?			N			
Did you have a PNDI hit for the U.S. Fish and Wildlife Service?				N				
			COALM	ODULE				
Will the well penetrate a workable	coal seam?		JOAL IV	IODOLL	Υ			



Have any coal rights been severed from the surface estate?	N
Is this a "non-conservation" gas well?	Υ
If the well will penetrate a workable coal seam, and the well is a 'non-conservation' gas well, does the location comply with the distance requirements of Section 7 of the Coal and Gas Resource Coordination Act (at least 1,000 feet from all existing wells) and, if part of a well cluster, at least 2,000 feet from any other existing cluster, as measured from the center of the well bore of the nearest well?	N
Will the well be part of a Well Cluster which is an area within a well pad intended to host multiple horizontal wells and which comprises an area no greater than 5,000 square feet?	Y
Will this well be part of a Well Cluster that already has an approved OG-57 waiver?	N
Will this well be drilled into solid coal or into an open underground void?	OPEN VOID
If this well will be drilled through an open void, provide name(s) of mined-out coal seam(s):	PITTSBURGH
Will the well be drilled through an operating coal mine, or within 1,000 feet of the boundary?	N



PERMIT APPLICATION TO DRILL AND OPERATE AN UNCONVENTIONAL WELL

WELLBORE SURFACE-HOLE LOCATION				
Surface elevation (in ft.)	1173			
Latitude/Longitude	39 58 07.8600 -79 58 08.3800			
Metadata Method	GPS - UNSPECIFIED			
Accuracy (in ft.)	5			
Datum	North American Datum of 1983			
Reference Elevation	1173			
USGS Map Name	CARMICHAELS			
USGS Map Section #	1			
Offset South (in feet)	11348			
Offset West (in feet)	2991			

WELLBORE LOCATION INFORMATION				
WELLBORE SURFACE HOLE LOCATION				
Type of Wellbore	GAS			
Wellbore Configuration	Horizontal Well			
Target Formation	MARCELLUS FORMATION(MARCF)			
Producing Formation	MARCELLUS FORMATION(MARCF)			
Oldest Formation Penetrated	MARCELLUS FORMATION(MARCF)			
Wellbore Origin Point Lat/Long	39 58 07.8600 -79 58 08.3800			
Wellbore Origin Point True Vertical Depth (TVD)	5500			
Wellbore Origin Point Total Measured Distance (TMD)	5500			
Wellbore Deepest Point Lat/Long	39 57 50.9300 -79 58 14.7600			
Wellbore Deepest Point True Vertical Depth (TVD)	7844			
Wellbore Deepest Point Total Measured Distance (TMD)	8786			
Bottom Hole Lat/Long	39 57 05.5400 -79 57 07.2800			
Bottom Hole True Vertical Depth (TVD)	7844			
Bottom Hole Total Measured Distance (TMD)	15765			

WELL PAD LOCATION INFORMATION				
Well Pad Corner 1 Lat/Long				
Well Pad Corner 2 Lat/Long				
Well Pad Corner 3 Lat/Long				
Well Pad Corner 4 Lat/Long				
Well Site GPS Location Lat/Long	39 58 08.2992 -79 58 07.6584			
Well Site Access Road GPS Lat/Long	39 58 19.1640 -79 58 10.9920			

SUBMISSION INFORMATION

Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. Any false statement is subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

I hereby certify that, for all interested parties identified in this application for which written consent or an "Affidavit of Non-Delivery of Certified Mail" has not been uploaded, copies of the well plat have been sent via certified mail and I have received a return receipt verifying delivery.

	, , , ,
Submitted By	BRANDEN WEIMER
Document Generated	01/05/2018 09:23:58 AM



		INTERESTED PARTIES	
Interested Party BOROUGH OF BROWNSVILLE	Address 200 SECOND STREET BROWNSVILLE, PA 15417	Notifications MU - Municipalities	
Municipality BOROUGH OF BROWNSVILLE	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/17/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party BOROUGH OF RICES LANDING	Address 137 MAIN STREET PO BOX 185 RICES LANDING, PA 15357	Notifications MU - Municipalities	
Municipality BOROUGH OF RICES LANDING	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/20/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations	•		•
Interested Party BRENT G. & WANDA Y. BROADWATER	Address 254 CEMETERY ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pu	rveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/18/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 57 55.1300 -79 58	20.9000 Surface Water Bod	ly - Private Supply	
Interested Party BROWNSVILLE TOWNSHIP	Address 232 BROWN STREET BROWNSVILLE, PA 15417	Notifications MU - Municipalities	
Municipality BROWNSVILLE TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/24/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations	•		•
Interested Party CENTERVILLE BOROUGH	Address 100 EAST END ROAD BROWNSVILLE, PA 15417	Notifications MU - Municipalities	
Municipality CENTERVILLE BOROUGH	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/17/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party CRAIG S. CHRISTOPHER	Address 133 WEST BEND ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pu	rrveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/18/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 58 16.7700 -79 58	30.3900 Water Well - Privat	e Supply	
Interested Party CUMBERLAND TOWNSHIP	Address 100 MUNICIPAL ROAD CARMICHAELS, PA 15320	Notifications MU - Municipalities	
Municipality CUMBERLAND TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/17/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party	Address	Notifications	



DEPARTMENT OF ENVIRONMENTAL PROTECTION	PERMIT APPLICATION TO DRILL AND OPERATE AN UNCONVENTIONAL WELL			
EAST BETHLEHEM TOWNSHIP	36 WATER STREET PO BOX 687 FREDERICKTOWN, PA 15	MU - Municipalities 333		
Municipality EAST BETHLEHEM TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/18/2017	
Address Affidavit	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations				
Interested Party GERMAN TOWNSHIP	Address 2 LONG STREET MCCLELLANDTOWN, PA	Notifications MU - Municipalities 15458		
Municipality GERMAN TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/17/2017	
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations				
Interested Party JAMES JACK CONNER	Address 104 WEST BEND ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pu	rveyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/20/2017	
Address Affidavit	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations 39 58 20.8700 -79 58	27.3800 Water Well - Privat	re Supply		
Interested Party JEFFERSON TOWNSHIP	Address 173 GOSLIN ROAD RICES LANDING, PA 15357	Notifications MU - Municipalities		
Municipality JEFFERSON TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/21/2017	
Address Affidavit	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations				
Interested Party LUZERNE TOWNSHIP	Address 415 HOPEWELL ROAD BROWNSVILLE, PA 15417	Notifications MU - Municipalities		
Municipality LUZERNE TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/17/2017	
Address Affidavit	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations				
Interested Party MARK A. & MARIANE R. KARA	Address 231 HEISTERSBURG ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pur	rveyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/20/2017	
Address Affidavit	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations 39 58 20.7800 -79 58	13.3400 Surface Water Boo	ly - Private Supply		
Interested Party MARK A. & MARIANE R. KARA	Address 231 HEISTERSBURG ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 ft		
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/20/2017	
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations 39 58 24.2800 -79 58	13.0000 Surface Water Boo	dy - Private Supply		
Interested Party MARK SIMON SIEGEL	Address 439 BB SAMS DRIVE SAINT HELENA ISLAND, NC 29920	Notifications SL - Surface Landowner WPU - Surface Landowners and Water Put CO - Coal Owner	rveyors with water supplies less than 3000 ft	



Notified

Municipality

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL & GAS MANAGEMENT

PERMIT APPLICATION TO DRILL AND OPERATE AN UNCONVENTIONAL WELL

DEPARTMENT OF ENVIRONMENTAL PROTECTION	PERMIT APPLICATION TO	O DRILL AND OPERATE AN UNCONVENT	TIONAL WELL	
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/25/2017	
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files	
Water Source Locations 39 58 01.5600 -79 57	52.3900 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER	Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122	Notifications WPU - Surface Landowners and Water Pur	veyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/21/2017	Certified Mail Delivery Date	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf	
Water Source Locations 39 58 06.3800 -79 58	36.2000 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER	Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122	Notifications WPU - Surface Landowners and Water Pur	veyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/21/2017	Certified Mail Delivery Date	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf	
Water Source Locations 39 58 07.0800 -79 58	37.6900 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER	Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122	Notifications WPU - Surface Landowners and Water Pur	veyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/21/2017	Certified Mail Delivery Date	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf	
Water Source Locations 39 58 02.2100 -79 58	40.2100 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122 Notifications WPU - Surface Landowners and Water Purveyors with water supplies less than 3000 f				
Municipality	Notified MAIL	Certified Mail Sent Date 11/21/2017	Certified Mail Delivery Date	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf	
Water Source Locations 39 57 59.9500 -79 58	40.2300 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER	Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122	Notifications WPU - Surface Landowners and Water Pur	veyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/21/2017	Certified Mail Delivery Date	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf	
Water Source Locations 39 58 02.1400 -79 58	36.5600 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER	Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122	Notifications WPU - Surface Landowners and Water Pur	veyors with water supplies less than 3000 ft	
Municipality	Notified MAIL	Certified Mail Sent Date 11/21/2017	Certified Mail Delivery Date	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf	
Water Source Locations 39 58 02.6500 -79 58	34.9600 Surface Water Boo	ly - Private Supply		
Interested Party NELLIE P. FOSTER	Address 502 N LEWIS RUN ROAD APT 103 PITTSBURGH, PA 15122	Notifications WPU - Surface Landowners and Water Pur	veyors with water supplies less than 3000 ft	
Municipality	Notified	Cartified Mail Sant Data	Cartified Mail Delivery Date	

Certified Mail Sent Date

Certified Mail Delivery Date



DEPARTMENT OF ENVIRONMENTAL PROTECTION	PERMIT APPLICATION TO	O DRILL AND OPERATE AN UNCONVEN	TIONAL WELL
	MAIL	11/21/2017	
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Foster.pdf
Water Source Locations 39 58 03.7400 -79 57	52.3900 Surface Water Boo	dy - Private Supply	
Interested Party REDSTONE TOWNSHIP	Address 225 TWIN HILLS ROAD GRINDSTONE, PA 15442	Notifications MU - Municipalities	
Municipality REDSTONE TOWNSHIP	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/17/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations			
Interested Party RUSSELL W. JR. & CHARLENE D. FRANKS	Address 372 HEISTERSBURG ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Put	rveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Franks.pdf
Water Source Locations 39 58 07.4300 -79 57	28.0700 Water Well - Privat	re Supply	
Interested Party RUSSELL W. JR. & CHARLENE D. FRANKS	Address 372 HEISTERSBURG ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pu	rveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date
Address Affidavit Y	Written Consent N	Notification Acknowledgement Date	Uploaded Files Siegel Affidavit of Non-Delivery Franks.pdf
Water Source Locations 39 58 07.0500 -79 57	27.5500 Water Well - Privat	re Supply	
Interested Party STEPHEN SIEGEL	Address 118 W 8TH STREET ASPINWALL, PA 15215	Notifications SL - Surface Landowner WPU - Surface Landowners and Water Pur CO - Coal Owner	rveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/18/2017
Address Affidavit	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 58 01.5600 -79 57	52.3900 Surface Water Boo	dy - Private Supply	
Interested Party TREVER L. BOOKHARDT	Address 141 WEST BEND ROAD EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pu	rveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/20/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 58 13.8700 -79 58	33.0400 Water Well - Privat	re Supply	
Interested Party WALTER B. & PHYLLIS M. PALMER	Address 575 PALMER LANE EAST MILLSBORO, PA 15433	Notifications WPU - Surface Landowners and Water Pur	rveyors with water supplies less than 3000 ft
Municipality	Notified MAIL	Certified Mail Sent Date 11/15/2017	Certified Mail Delivery Date 11/21/2017
Address Affidavit N	Written Consent N	Notification Acknowledgement Date	Uploaded Files
Water Source Locations 39 58 37.9300 -79 58	17.6800 Surface Water Boo	dy - Private Supply	•



UPLOADED FILES					
Attachment Coal and Gas Resource Coord Act - Section 7 Exception	File Name Siegel 1H-9H Waiver Request Section 7.pdf	File Upload Date 01/04/2018			
Cryptographic Hash Value of File (SHA-512) DBB3840AB4747B118266F6F13BA80B298C72131173E7001674F96259D88AB01F093458D6F6C8B	6CD048BFB90897993174D7D3B25A769016ACDE719822A51	BA2A			
Attachment Location Plat	File Name 143-781-Well Plat 4H-pages1-2-3_3702.dwg	File Upload Date 01/04/2018			
Cryptographic Hash Value of File (SHA-512) C180A0C0DABA29C01F65476AE90792E5E4EE7F31CD4325BB443C14CE54BC6C4BB7FA438BBA899	D14A2E13FEEADC6902DBA940FA477CD1CCA8909E309BAC2	B529			
Attachment Pennsylvania Natural Diversity Inventory Form	File Name Siegel PNDI.pdf	File Upload Date 01/04/2018			
Cryptographic Hash Value of File (SHA-512) 9FA67331A7F7BBBA324150D03C33C884A4E42C2D8A49D428B747567EAA665E4E9B8D0AA64AEE4	1F4CFE7ECB5E4B36A052D719789B6CF4C53D7EB5F0D0DD31	FAFD			
Attachment Well Cross-Section Diagram	File Name Siegel 4H Page 4.pdf	File Upload Date 01/04/2018			
Cryptographic Hash Value of File (SHA-512) C14E54C881138a3E542C22a58b6EF99aB222280D9B0D7E9FFF098BB50524782CCC7464BF969202E04EB230E2EC8484978B5Ca1aD6F46402D5a851a1215C9EEFF					
Attachment NELLIE P. FOSTER	File Name Siegel Affidavit of Non-Delivery Foster.pdf	File Upload Date 01/04/2018			
Cryptographic Hash Value of File (SHA-512) 038F609C88C85886791298B2CD8BEE4EFC7C66A67D75849EC6CCC2CED46686D74E3F0039B8A28	46E58F1204568F807EE9173C706E199347BDEA3585AC762	4FEE			
Attachment RUSSELL W. JR. & CHARLENE D. FRANKS	File Name Siegel Affidavit of Non-Delivery Franks.pdf	File Upload Date 01/04/2018			
Cryptographic Hash Value of File (SHA-512) 95E8FEF66C4CCB7BF34A7C4459C7F2B1BBA3C55F488A42059F3FEB842A45FDB7BCF4651A7EB02	2CF1900E8EEB4A1DD1340C862F9D8D7C2F1208BA6A7CFF8:	laf7			