AECOM									TEST BORING LOG BORING NO. : NRW-11R				
PROJECT/PROJ	ECT LOC	ATION:		National Gr	rid - Willia	msburg			SHEET: 1 OF 3				
CLIENT:				National Gr	rid				JOB NO.: 60414000, 23				
BORING CONTR	ACTOR:			ADT/Casca	de				NORTHING: 688860.73 E	ASTING: 6	42006.30		
GROUNDWATEF	ł:				CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION: 10.42	2			
DATE TIME	LEVE	EL	TYPE	TYPE		Sonic Drilling	9			8/2017			
None	7.24			DIA.		6"			BATET INIGHED.	3/2017			
				WT.					-	Rivera			
				FALL						ascoli			
									REVIEWED BY:	n Connare	-		
DEPTH	VISUAL		SAN	IPLE	REC	%			MATERIAL				
FEET STRATA	IMPACTS	"S" NO.	"N" NO.	BLOW COUNT			R		DESCRIPTION	USCS	REMARKS		
0			1							_	<b>-</b>		
		Hand Cleared			100	Dark Browr		NCRETE		Λ			
						-		L: Sand, S	Silt some Gravel and Brick				
											Black staining		
											faint Mothbal Odor		
-5-		CS			100	<u> </u>				CL	No Impacts, D		
		S-1			100	,	CL	AY, some	Silt, trace Sand and Gravel		NO IMPACIS, D		
10 —													
		CS S-2			94	Dark Brownis	<sub>sh</sub>   SIL	T and CL	AY, trace fine Sand, Soft	ML/ CL			
						Gray							
						Black		/ Fine SAND		SM	20% NAPL Saturation		
						DIACK		ND and C	LAY, trace angular Gravel, Soft	SC/ CL	Mothball Like Odor		
15								AY, some	Silt, trace Sand and Gravel,	$\backslash$			
		CS S-3			90	Dk. Brov	<sup>wn</sup> Pla	stic		CL	No Impacts, D		
	_					Med. Browr		ndy SILT		MH			
	_												
											Mothball Like		
						Dk. Br Gray		T and CL	AY, some fine Sand	ML/ CL	Odor, Dry		
20		CS S-4			56	Med. Browr	Sar	ndy SILT,	some very fine to medium Sand,	MH	Trace Sheen		
						-	trac	e Cobble	s and Gravel				
	-												
25 —		CS			86			y fine to n	nedium SAND, trace Gravel and	SW	Strong Mothba Like Odor		
<b> </b>		0.0				Brown		bles			LINC OUD		
<b>  · · · · · ·</b> ·	•									1			
COMMENTS:		S-5			86	Gray	Silt		nedium SAND, trace Gravel and	Sw			

				AE	СОМ				TEST BO BORING NO. : NRW-11R	RING LO	DG
PROJE	CT/PROJE	ECT LOC		:	National Grid	- Williams	bura		SHEET: 2 OF 3		
CLIENT					National Grid				<b>JOB NO.</b> : 60414000, 23		
				SAN	IPLE	REC%					
DEPTH FEET	STRATA	VISUAL IMPACTS	"S" NO.	"N" NO.	BLOW COUNT	RQD%	COLOR	LOR MATERIAL DESCRIPTION		USCS	REMARKS
- - 30 - -			CS S-6			60	Dark Gray	CLAY, trace	Gravel and Cobbles, Very Hard	CL	No Impacts
- 35			CS S-7			92		Medium SAN		SP	50% Dark Brown NAP Saturation No Impacts
- - 40						100	Medium		Gravel and Cobbles, Very Hard	SM	
			CS S-8			100		Dense	race Gravel and Cobbles, Very ND, some-trace Silt	SP	10% NAPL Saturation 41.5-42'. No
_									um SAND and SILT	SM/ MH	Impacts 42-43.5
-							Dark Gray	CLAY, Very [		_/ SP	NAPL Arour Cobbles
15 — -			CS S-9			100		Very fine to fi	ine SAND, some Silt and Clay, and Cobbles, Very Dense	CL	No Impacts
									Dense 1/2" lenses of dark brown, loose, ND at 49.5'-50'		
50			CS S-10			100	Grayish Brown				
55 — - _							Dark Brown	Very fine to n Gravel	nedium SAND, trace Silt and	SW	Trace Shee
_							Mottled Medium Red and Light Gray	CLAY, Very H	Hard	CL	No Impact
50 — - _								No sampling	between 60-63'		
	MENTS: . = Non-Aq	ueous Pł	nase Lie	quid							
									BORING	NO.: N	RW-11R

				<b>A=</b> (	TEST BORING LOG BORING NO. : NRW-11R							
	CT/PROJE				National Grid -	Williams	burg					
CLIENT			ATION		National Grid	Williams	burg		<b>SHEET: 3 OF JOB NO.</b> : 6041	<b>3</b> 4000, 23		
	•				APLE	REC%			<b>UD NO.</b> 00414000,20			
DEPTH FEET	STRATA	VISUAL		"N" NO.	BLOW COUNT RG		COLOR		MATERIAL DESCRIPTION		USCS	REMARKS
-								Bottom of bor	rehole 63 ft bgs			
-65 — _												
-												
- -70 —												
-												
-												
-75 —												
-												
-80 —												
_												
_												
-85 —												
-												
-90 —												
-												
_												
-95 —												
	MENTS: . = Non-Aq	ueous Ph	ase Lic	quid								
										BORING NO	.: NF	W-11R

		07100			National O					BORING NO. : NRW-09R				
	ECT/PROJE	CILOC	ATION	•	National Gr National Gr		msburg			SHEET: 1 OF 2				
CLIEN										JOB NO. : 60414000, 23 NORTHING: 688892.07 EA		41967.55		
			~~		ADT/Casca			0005	TUDE	GROUND ELEVATION: 10.19	STING: 0	41967.55		
		1		TVDE		CAS.	SAMPLER Sonic Drilling	CORE	TUBE	DATE STARTED: 03/27/	2017			
DATE None	TIME	LEVI None		TYPE	TYPE DIA.		6"			DATE STARTED:         03/27/           DATE FINISHED:         03/27/				
NOTIC		None			WT.					DRILLER: Greg F				
					FALL					GEOLOGIST: M. Dat				
					TALL						Connare			
DEPTH	OTDATA	VISUAL	"S"	SAI "N"		REC				MATERIAL	USCS	REMARKS		
FEET		IMPACTS	NO.	NO.		BLOW COUNT RQD%				DESCRIPTION				
0			Hand			100	Dark		NODETE					
-			Cleared				Brown		NCRETE	/				
-								FILI	_: Sand, S	Silt some Gravel, trace Brick				
-														
-			-									Black stainir faint Mothb		
-5	XXXX		CS			44	Grayisł			some fine to medium Sand, trace	CL	Odor Moist @ 6		
-			S-1				Brown		nded Gra			10% NAPI Saturation		
-												Faint Mothb Odor		
-														
-														
0-			CS			91	Mediun	1				20%-30%		
-			S-2				Brown/ Gray	fine	to fine S	gs: 2-3" intermittent layers of very AND		NAPL Saturation a		
-												Mothball Od Black Staini		
-														
-							Medium		AY			Dry		
5 —							Gray Dark	02,			SW	30% NAPI		
-							Brown	Fine	e-very fine	e SAND, trace coarse Sand		Saturation		
-														
-							Light				СН	75% NAPI		
-							Brown	CLA   Sar	AY, stiff, v Id layers	with intermittent Clay and fine between 20-20.5' bgs	-	Saturation		
20 —			CS			96			-	-	SW			
-			S-3								СН	No Impact		
-							Med Brown/	Silty	very fine	e to medium SAND, some Clay,	SM			
-							Gray	fine	-coarse C	Gravel and Cobbles. Very dense.				
-	$\frac{1}{1}$ ,													
25 —														
-														
4														
			•	•	•	I	•	•						
	I													
	IMENTS:													
NAP	L = Non-Aq	ueous Pł	nase Lio	quid										

				<b>A=</b> (	СОМ		TEST BORING LOG BORING NO. : NRW-09R				
PROJE	CT/PROJE	ECT LOC	ATION	:	National Grid	- Williams	burg		SHEET: 2 OF 2		
CLIENT					National Grid				<b>JOB NO.</b> : 60414000, 23		
				SAM	SAMPLE REC%						
DEPTH FEET	STRATA	VISUAL IMPACTS	"S" NO.	"N" NO.	BLOW COUNT	RQD%	COLOR		MATERIAL DESCRIPTION	USCS	REMARKS
-30			CS			38	Dark Gray	CLAY, some Cobbles. Ve	Silt, trace fine-coarse Gravel and ry stiff.	СН	
			S-4			30					
-35											
-40			CS S-5			87.5	Medium Brown	Fine to very f	ine SAND, trace Silt	SP-SM	10% NAPL Saturation w/ Lenses of 50% NAPL Saturation
_ -45 — _								Very fine to o Very fine to n Gravel	coarse SAND nedium SAND, some coarse	SW	10% NAPL Saturation
-							Dark Brown	Very fine to fi	ine SAND, trace Silt	SP-SM	100% NAPL Saturation
							Medium Brown	CLAY. Very	stiff.	СН	No Impacts
-50			CS S-6			98		SILT, trace fi	ne Sand, with fine Sand lenses	MH	Mothball Odor @ 50' 50%-10% NAPL Saturation in Sand Lenses Begins @ 51'
								Fine SAND, t	trace Silt. Medium dense.	SP-SM	Mothball Odor No Staining
-55							Mottled Red & Brown	CLAY, very s	stiff	СН	No Impacts
-60 —								Bottom of bo	rehole 60 ft bgs		
				I	I		I	······			I
	MENTS:	ueous Pr	nase l in	biuc							
	HUII-AY			1010							
									BORING N	0.: NI	RW-09R