Sample Number: <u>SV-04</u>

		sample Mum							
OJECT:			PROJECT NO.:						
O Union Street			170301202						
OCATION: 50 Union Stroot Brooklyn Now York			SURFACE ELEVATION AND DATUM:						
50 Union Street, Brooklyn, New York RILLING FIRM OR LANGAN INSTALLER:			N/A						
Bastern Environmental			INSTALLATION DATE STARTED: DATE FINISHED: 2/14/2016 2/14/2016						
Eastern Environmental INSTALLATION FOREMAN:			2/14/2016 2/14/2016  SAMPLE DATE STARTED: DATE FINISHED:						
John	2/14/2016 DATE FINISHED: 2/14/2016								
INSTALLATION EQUIPMENT:				IPLING DEVICE:		2, 1 1, 2010			
Geoprobe 7822DT				Summa Can	ister 2.71				
INSPECTOR:			SAMPLER:						
Adam Goldberg			Monika Boguszewski						
POTENTIAL SAMPLE INTERFERENCES:			WEATHER CO	NDITIONS (PRECIP., TEMP	P., PRESS., WIND SPEED A	AND DIR.):			
None observed				mp: 7°F chance of					
			Humidity -	33%, Wind - 4 (0-	10 mph)				
			Pressure -	30.5 in					
METHOD OF INSTALLATION AND PURGI	NG:								
Installing - Geoprobe									
Purging - MultiRae									
			•						
TUBING TYPE/DIAMETER:				ERIAL ABOVE SEAL:					
3/16" x 1/4" Teflon - Lined Poly			N/A						
IMPLANT SCREEN TYPE/LENGTH/DIAME	TER:			IAL (Bentonite, Beeswax	, Modeling Clay, etc.):				
6" Stainless Steel			Bentonite						
BOREHOLE DIAMETER: 1.25"			#2 Sand	MATERIAL (Sand or Glas	ss Beads):				
	0.4	_							
PURGE VOLUME (L):	0.1		1	T/PROBE DETAILS	DEPTH	NOTES			
PURGE FLOW RATE (ML/MIN):	15		(SEA	AL, FILTER, ETC.)	(FEET FROM				
PID AFTER PURGE (PPM):	2.8	0.2	SURFACE	SURFACE	SURFACE)				
HELIUM TEST IN BUCKET(%):	15.7%	13.6%		Top of Seal					
HELIUM TEST IN TUBE (PPM):	0.0	0.0							
_	2/14/16	8:58 AM	1						
SAMPLE START DATE/TIME:									
SAMPLE STOP DATE/TIME:	2/14/16	11:58 AM	-						
TOTAL SAMPLE TIME (MIN):	12								
FLOW RATE (L/MIN):	0.02		4 <b>-</b>	<del>                                      </del>					
VOLUME OF SAMPLE (LITERS):	2.7		4	Top of Pack					
PID AFTER SAMPLE (PPM):	0.	1	_  •	·    1					
SAMPLE MOISTURE CONTENT:	N/			] •					
CAN SERIAL NUMBER:	174	48							
REGULATOR SERIAL NUMBER:	0450								
CAN START VACUUM PRESS. (" HG):	-33.	05		•					
CAN STOP VACUUM PRESS. (" HG):	-5.	58							
SAMPLE LOCATION S	SKETCH			1 1					
			1						
K			L	<u>•  </u>					
<b>\</b>	Union Street				NOTEO				
N		1			NOTES				
<b>→</b>									
9			Sample: 9	SV04_021416					
SV-04			Oumpio.	004_021410					
SV-04									
<u> </u>									
<del></del>									
*Not to scale									
	ooring E	nmontal Com		I I andesana Au-t-	itaatura DDA				
	_			l Landscape Arch					
21 Penn Plaza	a, 360 VVest 3	ist Street, 8	tn Floor, N	ew York, New Y	ork 10001-2/27	<u>'</u>			

Sample Number: <u>SSV-05</u>

ROJECT: 150 Union Street OCATION: 150 Union Street, Brooklyn, Ne										
<b>осатюм</b> : 450 Union Street, Brooklyn, Ne				PROJECT NO.: 170201202						
150 Union Street, Brooklyn, Ne				170301202						
				SURFACE ELEVATION AND DATUM: N/A						
BULLING FIRM OR LANGAN INSTALLER:					F STARTED:	DATE FINI	SHED:			
DRILLING FIRM OR LANGAN INSTALLER: Eastern Environmental			INSTALLATION DATE STARTED:         DATE FINISHED:           2/14/2016         2/14/2016							
INSTALLATION FOREMAN:			SAMPLE DATE STARTED: DATE FINISHED:							
John			2/14/2016 2/14/2016							
NSTALLATION EQUIPMENT:			TYPE OF SAME	LING	DEVICE:					
Hand Drilling				Sur	mma Canister	2.71				
NSPECTOR:			SAMPLER:							
Adam Goldberg			Monika Boguszewski							
POTENTIAL SAMPLE INTERFERENCES: None observed			WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Sunny, Temp: 7°F chance of snow - 0% Humidity - 33%, Wind - 4 (0-10 mph) Pressure - 30.5 in							
METHOD OF INSTALLATION AND PURGII nstalling - Hand drill Purging - MultiRae	NG:									
UBING TYPE/DIAMETER:			TYPE OF MATE	RΙΔΙ	ABOVE SEAL ·					
3/16" x 1/4" Teflon - Lined Poly			N/A	<b>L</b>						
MPLANT SCREEN TYPE/LENGTH/DIAME	TER:			AL (Be	ntonite, Beeswax	Modeling Clay, etc.):				
5" Stainless Steel			Bentonite							
OREHOLE DIAMETER:				IATE	RIAL (Sand or Glas	s Beads):				
.25"			#2 Sand							
URGE VOLUME (L):	0.1		1		BE DETAILS	DEPTH	NOTES			
URGE FLOW RATE (ML/MIN):	15		(SEAI	, FILTE	ER, ETC.)	(FEET FROM				
ID AFTER PURGE (PPM):	1.6	0	SURFACE	4	SURFACE	SURFACE)				
IELIUM TEST IN BUCKET(%):	21.2%	13.6%			Top of Seal					
IELIUM TEST IN TUBE (PPM):	0.0	0.0								
AMPLE START DATE/TIME:	2/14/16	10:35 AM								
AMPLE STOP DATE/TIME:	2/14/16	12:35 AM								
OTAL SAMPLE TIME (MIN):	12		1							
<del>-</del>	0.02		-							
LOW RATE (L/MIN):	2.7		•	╫╴	<del> </del>					
OLUME OF SAMPLE (LITERS):			1		Top of Pack					
ID AFTER SAMPLE (PPM):	0		•							
AMPLE MOISTURE CONTENT:	N/A			•						
AN SERIAL NUMBER:	28		<u> </u>  •	∐ ●						
EGULATOR SERIAL NUMBER:	017	'3		þ						
AN START VACUUM PRESS. (" HG):	-28.	13	」 <b>「</b> ●							
AN STOP VACUUM PRESS. (" HG):	-3.4	ļ5								
SAMPLE LOCATION S	SKETCH		1 l	•						
<b>√</b> <sub>N</sub>	Union Stree	et		•		NOTES				
			<b>—</b>			INOTES				
Bond Street	• SSV-05		Sample: S	SVO	5_021416					
*Not to scale			<u>L</u>	_						
Langan Engin	eering, Enviro	nmental. Sur	veving and	Lan	dscape Archi	tecture, D.P.C.				
	-					ork 10001-2727				

Sample Number: <u>SV-06</u>

ROJECT: 150 Union Street			PROJECT NO.: 170301202						
					N AND DATING				
ocation: .50 Union Street, Brooklyn, New York			SURFACE ELEVATION AND DATUM: N/A						
DRILLING FIRM OR LANGAN INSTALLER:			IN/A INSTALLATION DATE STARTED: DATE FINISHED:						
Eastern Environmental			2/14/2016 2/14/2016						
INSTALLATION FOREMAN:			SAMPLE DATE STARTED: DATE FINISHED:						
John			2	/14/20	016	2	/14/2016		
INSTALLATION EQUIPMENT:			TYPE OF SAM						
Geoprobe 7822DT				Sun	nma Canister	2.71			
INSPECTOR:			SAMPLER:						
Adam Goldberg			Monika Boguszewski						
POTENTIAL SAMPLE INTERFERENCES: None observed			WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Sunny, Temp: 7°F chance of snow - 0% Humidity - 33%, Wind - 4 (0-10 mph) Pressure - 30.5 in						
METHOD OF INSTALLATION AND PURGI	NG:								
Installing - Geoprobe Purging - MultiRae									
TUBING TYPE/DIAMETER:			TYPE OF MAT	ERIAL	ABOVE SEAL:				
3/16" x 1/4" Teflon - Lined Poly			N/A						
IMPLANT SCREEN TYPE/LENGTH/DIAME	TER:		SEAL MATER	IAL (Bei	ntonite, Beeswax,	Modeling Clay, etc.):			
6" Stainless Steel			Bentonite			- 			
BOREHOLE DIAMETER:				MATER	IAL (Sand or Glas	s Beads):			
1.25"			#2 Sand						
PURGE VOLUME (L):		15	IMPLAN	T/PRO	BE DETAILS	DEPTH	NOTES		
PURGE FLOW RATE (ML/MIN):		50	(SEA	L, FILTE	R, ETC.)	(FEET FROM			
PID AFTER PURGE (PPM):	2.6	0.1	SURFACE	┧╟	SURFACE	SURFACE)			
HELIUM TEST IN BUCKET(%):	21.2%	18.7%			Top of Seal				
HELIUM TEST IN TUBE (PPM):	0.0	0.0							
SAMPLE START DATE/TIME:	2/14/16	8:47 AM	<b>1</b>						
SAMPLE STOP DATE/TIME:	2/14/16	10:47 AM	7						
TOTAL SAMPLE TIME (MIN):		06	1 1						
FLOW RATE (L/MIN):		)25	<b> </b>						
_		.7	┥	-	Top of Pools				
VOLUME OF SAMPLE (LITERS):			⊣ lĬ		Top of Pack				
PID AFTER SAMPLE (PPM):		.1	-	٩١.					
SAMPLE MOISTURE CONTENT:		/A	4	] •					
CAN SERIAL NUMBER:		36	<b>」</b>	¶_					
REGULATOR SERIAL NUMBER:		42	<b>」</b>	·∐¯					
CAN START VACUUM PRESS. (" HG):	-33	3.27							
CAN STOP VACUUM PRESS. (" HG):	-2.	.79	7 le	ۥᠮ.					
SAMPLE LOCATION S			7 L	1					
R			<b>†</b> [.	₩.					
N	Union Street				•				
	Omon oneet	_			<u>.</u>	NOTES			
Bond Street									
, pu	•SV-06		Sample: S	SV06_	021416				
Во									
•									
*Not to scale									
*Not to scale	ooving Feed	onmo-tal C	novina	11	doons A!	tecture, D.P.C.			

Sample Number: <u>SSV-07</u>

PROJECT:			PROJECT NO.:							
450 Union Street OCATION:			170301202							
LOCATION: 450 Union Street, Brooklyn, Ne	SURFACE ELEVATION AND DATUM: N/A									
DRILLING FIRM OR LANGAN INSTALLER	INSTALLATION DATE STARTED: DATE FINISHED:									
Eastern Environmental	2/14/2016 2/14/2016									
INSTALLATION FOREMAN:	SAMPLE DATE	STARTED:	DATE F	INISHED:						
John			2/	/14/2016		2/14/2016				
INSTALLATION EQUIPMENT:			TYPE OF SAM	PLING DEVICE:						
Geoprobe 7822DT				Summa Caniste	er 2.71					
INSPECTOR:			SAMPLER:							
Adam Goldberg			Monika Boguszewski							
POTENTIAL SAMPLE INTERFERENCES:			WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.): Sunny, Temp:7°F chance of snow - 0%							
None observed				33%, Wind - 4 (0						
			Pressure -		5-10 mpm,					
			11000010 00.0111							
METHOD OF INSTALLATION AND PURG	ING:									
Installing - Geoprobe										
Purging - MultiRae										
= = 										
TUBING TYPE/DIAMETER:			TYPE OF MAT	ERIAL ABOVE SEAL:						
$3/16" \times 1/4"$ Teflon - Lined Poly			N/A							
IMPLANT SCREEN TYPE/LENGTH/DIAM	ETER:			AL (Bentonite, Beeswa	ax, Modeling Clay, etc.):					
6" Stainless Steel			Bentonite							
BOREHOLE DIAMETER:				MATERIAL (Sand or G	lass Beads):					
1.25"	0.11	<del>-</del>	#2 Sand							
PURGE VOLUME (L):	0.1! 150		-	T/PROBE DETAILS	DEPTH	NOTES				
PURGE FLOW RATE (ML/MIN):	0.2	0	-	L, FILTER, ETC.)	(FEET FROM					
PID AFTER PURGE (PPM):			SURFACE	SURFACE	SURFACE)					
HELIUM TEST IN BUCKET(%):	28.6%	18.5%		Top of Seal						
-	0.0	0.0								
HELIUM TEST IN TUBE (PPM):										
SAMPLE START DATE/TIME:	2/14/16	9:24 AM								
SAMPLE STOP DATE/TIME:	2/14/16	11:24 AM								
TOTAL SAMPLE TIME (MIN):	120	)								
FLOW RATE (L/MIN):	0.022	25								
VOLUME OF SAMPLE (LITERS):	2.7	7		Top of Pack	:					
PID AFTER SAMPLE (PPM):	0		<b>-</b>	•						
SAMPLE MOISTURE CONTENT:	N/A	4		•						
CAN SERIAL NUMBER:				11 1						
REGULATOR SERIAL NUMBER:	372 0061		-	H •I						
-			┥ ┃.							
CAN START VACUUM PRESS. (" HG):				<b>1</b>						
CAN STOP VACUUM PRESS. (" HG):	-5.8	6								
SAMPLE LOCATION	SKETCH									
_				$\P$						
<b>       </b>			[ ]	<u>•</u> ]	1					
N	Union Street				1					
	1	_			NOTES					
eet	SSV-07				<del>-</del>					
Bond Street	P01_021416									
pu	101_021410		Sample: D	UP01_021416 a	t 9:24 to 11:24					
Во			Flow Controller	ID 0000						
					98 67					
			Can Start Vacuum Press: -28.67 End Vacuum Press: -10.70							
				SV07_021416						
			Cumpic. 3	0 7 0 7 _0 2 14 10						
*Not to scale										
	_				hitecture, D.P.C.					
21 Penn Plaz	a, 360 West 3°	1st Street, 8	3th Floor, N	ew York, New	York 10001-2727	1				

Sample Number: <u>SSV-08</u>

PROJECT: 450 Union Street LOCATION: 450 Union Street, Brooklyn, Ne			PROJECT NO.: 170301202										
<b>Location</b> : 450 Union Street, Brooklyn, Ne			1/0301202				PROJECT NO.:						
450 Union Street, Brooklyn, Ne					N AND DATIES								
•				SURFACE ELEVATION AND DATUM: N/Δ									
DRILLING FIRM OR LANGAN INSTALLER:			N/A INSTALLATION DATE STARTED: DATE FINISHED:										
Eastern Environmental			2/14/2016 DATE FINISHED: DATE FINISHED: 2/14/2016										
INSTALLATION FOREMAN:			SAMPLE DATE	STAR	TED:	DATE FINIS	HED:						
John			2/	14/20	016	2/	14/2016						
INSTALLATION EQUIPMENT:			TYPE OF SAME	LING	DEVICE:								
Hand Drilling				Sun	nma Canister	2.71							
INSPECTOR:			SAMPLER:										
Adam Goldberg			Monika Boguszewski										
POTENTIAL SAMPLE INTERFERENCES:						, PRESS., WIND SPEED AND D	IR.):						
None observed				•	°F chance of , Wind - 4 (0-								
			Pressure -			το πιρπ,							
			11000010	00.0									
METHOD OF INSTALLATION AND PURGIN	NG:		L										
Installing - Hand drill													
Purging - MultiRae													
TUBING TYPE/DIAMETER:			TYPE OF MATE	RIAL A	ABOVE SEAL:								
3/16" x 1/4" Teflon - Lined Poly			N/A										
IMPLANT SCREEN TYPE/LENGTH/DIAME	TER:			AL (Ber	ntonite, Beeswax,	Modeling Clay, etc.):							
6" Stainless Steel			Bentonite										
BOREHOLE DIAMETER: 1.25"			#2 Sand	/IA I EK	IAL (Sand or Glas	s Beads):							
PURGE VOLUME (L):	0.15	5		/DDO	BE DETAILS	DEPTH	NOTES						
PURGE FLOW RATE (ML/MIN):	150		-		R, ETC.)	(FEET FROM	NOTES						
PID AFTER PURGE (PPM):	1.8	•	SURFACE	П	SURFACE	SURFACE)							
	17.8%	13.9%	SUNFACE	╂	SURFACE	JOHI ACL)							
HELIUM TEST IN BUCKET(%):	17.070	13.3 %			Top of Seal								
HELILIA TEGT IN TUDE (DDM)	0.0	0.0											
HELIUM TEST IN TUBE (PPM):	0/14/10	0.00 414	-										
SAMPLE START DATE/TIME:	2/14/16	9:00 AM	_										
SAMPLE STOP DATE/TIME:	2/14/16	5:00 PM	_										
TOTAL SAMPLE TIME (MIN):	480												
FLOW RATE (L/MIN):	0.005	58	_	Ц_									
VOLUME OF SAMPLE (LITERS):	2.7		_	•	Top of Pack								
PID AFTER SAMPLE (PPM):	0.0			11_									
SAMPLE MOISTURE CONTENT:	N/A			•									
CAN SERIAL NUMBER:	507	,	<b></b>										
REGULATOR SERIAL NUMBER:	0068			П									
CAN START VACUUM PRESS. (" HG):	-30.8	34	<b>⊺</b>	·									
CAN STOP VACUUM PRESS. (" HG):	-4.0			•									
SAMPLE LOCATION S			┥  •										
SAMI LE LOCATION S	SKL I CII		_	•									
_				₩•									
K				Ш									
N	Union Street												
						NOTES							
• SSV	AA01		Sample: S	SV08	_021416								
SSV ◆ AS-01	*		Δ	C 01	001.410.//	A:-) -1 0 00							
			Sample: A	S-01 <sub>-</sub>	_021418 (Indo	oor Air) at 9:00							
Bo			Flow Controller	ID: 420	)								
	Can Start Vacuum Pressure: -31.35 Can Stop Vacuum Pressure: -7.54 <b>Sample</b> : AA01_021416 (Ambient Air) at 8:45-10:22 Cainster ID: 1418 Flow Controller ID: 0579												
	Can Start Vacuum												
*Not to scale	Can Stop Vacuum Pressure: -1												
	eering, Enviror	mantal C	·										
			vevilla giia	∟aii(	ascapt Altill	iociuie, D.F.G.							