Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	weide		10302086	Holt Service		8/22/2022
Boring No Location		10302000			0/22/2022	
•				Drilling Rig Type and Drilling Method		
P3Soil-BH1		Sunnyside, WA	A	Direct Push		
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
	1.8		GP	0-1 ft: fill as	bhalt, concrete, sand, gravel, black	100% Recovery
						25% Recovery
	1.9		CL-ML	15 f	t: sandy clay, brown, most	
	1.9			1.51	t. sundy endy, brown, most	
		5				
	90.8			5-7.5 ft: most	to wet @ 5', strong petroleum odor	Low Recovery, wet below 8'
	50.8				below 5'	
	40.2			7.	5-10 ft: sandy silt, gray	
	48.3					
PS3Soil-BH1-	070 5	10	ML			
10.5-12.5- 20220822-0 @	979.5					
1530						
PS3Soil-BH1-	17.1		1			
12.5-15-						
20220822-0 @ 1545		15		I	End of boring at 15 feet	4
1010					filled with bentonite chips	
					•	
		20				
		25				
		30				
		35				
Natar Las					Logged By: Dialso Linia & Tuilon Allon	Drilled/Sampled By:
Vater Level					Blake Urie & Tyler Allen	Holt/Blake Urie & Tyler Allen
Vhile Drilling:		- - -			Time Started:	Time Completed:
iroundwater	encountered at	8 feet bgs			13:00	14:00

Boring Log

Project Name			Project No.	Drilling Company	Ir	Date:
Simplot-Sunn	vside		10302086	Holt Services, Inc.		8/22/2022
Boring No	1, 51 40	Location	10502000	Drilling Rig Type and Drilling Meth		
P3Soil-BH2 Sunnyside, W			,	Direct Push		
Sample No.	PID Reading	Depth (feet)	Graphic Drscription	Soil Description		Comments
	(ppm)	,	GP	0-1 ft: fill asphalt, concrete, sand, g	rravel black	100% Recovery
	24.8		GP	1-5 ft" sandy silt, brown, m		
	1.8			1-5 it sandy sin, brown, in	10151	25% Recovery
PS3Soil-BH2-	5.8	5		5-7.5 ft: moist		50% Recovery
7.5-10- 20220822-0 @ 1600	5.9		ML	7.5-10 ft: wet to below 7.5 ft,	brown	Wet below 8'
	1.0	10		10-12.5 ft:		100% Recovery
	0.2			12.5-15 ft:		
		15		End of boring at 15 fee	t	
				Backfilled with bentonite c		
		20				
		25				
		30				
		35				
Water Level				Logged By: Blake Urie & Tyl		Drilled/Sampled By: Holt/Blake Urie & Tyler Allen
While Drilling:				Time Started:	٦	Time Completed:
Groundwater	encountered at	8.5 feet bgs		14:15	1	14:35

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/22/2022
Boring No Location				Drilling Rig Type and Drilling Method		
P3Soil-BH3 Sunnyside, W		N N	Direct Push			
	PID Reading			Direct I doll	Cail Description	Commente
Sample No.	(ppm)	Depth (leet)				
Sample No. PS3Soil-BH3- 10-12.5- 20220822-0@ 1610 PS3Soil-BH3- 12.5-15- 20220822-0@ 1615	PID Reading (ppm) 4.3 3.3 4.3 38.0 979.6 68.8	Depth (feet)	Graphic Drscription GP ML	4 5-7.5 ft	Soil Description t: asphalt, sand, gravel, dry -5 ft: silt, brown, moist : silt with sand, moist, brown 7.5-10 ft: brown, odor 10-12.5 ft: dark gray End of boring at 15 feet tfilled with bentonite chips	Comments 80% Recovery 100% Recovery Wet below 8' 80% Recovery 100% Recovery 100% Recovery 100% Recovery
					L	
Water Level					Logged By: Blake Urie & Tyler Allen	Drilled/Sampled By: Holt/Blake Urie & Tyler Allen
While Drilling:					Time Started:	Time Completed:
	encountered at	0.5.0 1			14:45	15:05

Boring Log

Project Name			Project No.	Drilling Company	Date:	
Simplot-Sunr	nyside		10302086	Holt Services, Inc.	8/22/2022	
Boring No	<i>,</i>	Location		Drilling Rig Type and Drilling Method		
	P3Soil-BH4 Sunnyside, W		1	Drilling Rig Type and Drilling Method Direct Push		
	PID Reading					
Sample No.	(ppm)	Depth (feet)	Graphic Drscription	Soil Description	Comments	
				0-5 ft: asphalt, sand, gravel, dry	40% Recovery	
	6.2		GP			
		5		5-10 ft: sandy silt, moist, brown, odor	60% Recovery	
	46.7					
	6.3				Wet below 8'	
PS3Soil-BH4-						
10-12.5-		10	ML	10-12.5 ft: light brown		
20220822-0 @ 1630	18.7					
1050						
	2.1			12.5-15 ft: wet, dark brown	100% Recovery	
	2.1				100% Recovery	
		15		End of boring at 15 feet		
				Backfilled with bentonite chips		
				Backfined with bencome emps		
		20				
		25				
		30				
		30				
		35				
		1		Logged By:	Drilled/Sampled By:	
Water Level				Blake Urie & Tyler Allen	Holt/Blake Urie & Tyler Allen	
While Drilling:				Time Started:	Time Completed:	
		8.5 feet bgs		15:30	16:00	

Boring Log

Project Name			Project No.	Drilling Compa	any	Date:
Simplot-Sunn	nyside		10302086 Holt Servi			8/22/2022
Boring No	, ,	Location			pe and Drilling Method	
		Sunnyside, WA	Δ	Direct Push	J	
Sample No.	PID Reading	Depth (feet)	Graphic Drscription		Soil Description	Comments
Gampie No.	(ppm)	Dopur (loci)		0.1.6	asphalt, sand, gravel, dry	
	145.2		GP			80% Recovery
	1,074			1-5 It: silt,	, moist, strong petroleum odor	100% Recovery
	1,559	5		5-7.5 ft: 1	prown, strong petroleum odor	500/ D
P3Soil-BH5-5- 7.5-20220822-	1,559			0 /10 14	i coning per cream cuch	50% Recovery
0 (1920	758.8			7.5-10) ft: strong petroleum odor	100% Recovery
	750.0		ML		01	Wet below 8'
						wet below 6
	505.0	10		10-12.5 ft	: brown-gray, petroleum odor	
					-	
P3Soil-BH5-						
13.5-15- 20220822-0 @	17.9				12.5-15 ft: wet, gray	
1820						
		15		E	nd of boring at 15 feet	-
				Backt	filled with bentonite chips	
		20				
		20				
		25				
		30				
		35				
		1		· 	Logged By:	Drilled/Sampled By:
Water Level					Blake Urie & Tyler Allen	Holt/Blake Urie & Tyler Allen
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	8.5 feet bgs			17:30	18:00

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/22/2022
Boring No	55140	Location	10302000		rpe and Drilling Method	012212022
					pe and Drilling Method	
P3Soil-BH6	PID Reading	Sunnyside, WA		Direct Push		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
	377.7		GP	0-1 f	asphalt, sand, gravel, dry	50% Recovery
	1,319			1-5	5 ft: silt, brown, odorous	100% Recovery
	989.2	5		5-10 ft: shiny	gray sheen, strong petroleum odor	
			ML			Wet below 8'
						wet below 8
	400.0	10		10.12	? ft: gray, wet, strong smell	
	408.9			10-12	. it. gray, wei, suong sinen	
	c			10.12	ft: gray, wet, strong smell	
P3Soil-BH6-13-	852.0			12-13		
15-20220822-0	355.0				13-15 ft:	
@ 1835		15				
					and of boring at 15 feet	
				Back	filled with bentonite chips	
		20				
		20				
		25				
		30				
		35				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie & Tyler Allen	Holt/Blake Urie & Tyler Allen
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	8.5 feet bgs			17:30	18:00

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	wside		10302086	Holt Service		8/23/2022
Boring No Location		10502000			012312022	
-				Drilling Rig Type and Drilling Method		
P3Soil-BH7	PID Reading	Sunnyside, WA		Direct Push		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
	72.7		GP		asphalt, sand, gravel, dry	Poor Recovery
	6.1			1	-5 ft: sand, clay, brown	80% Recovery
			CL-ML			
	197.1	5		5-10 ft: si	t, moist, slight petroleum smell	
						Wet below 9'
P3Soil-BH7-10-	333.6	10	ML	10-11 ft	brown, wet, petroleum smell	100% Recovery
11-20220823-0	286.4			11-1	3 ft: gray, petroleum smell	
@ 1035	22.2				13-15 ft: gray	
		15		E	and of boring at 15 feet	—
					filled with bentonite chips	
		20				
		—				
		—				
		25				
		—				
		—				
		30				
		35				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:		0 faat 1			Time Started:	Time Completed:
Groundwater	encountered at	9 leet bgs			7:30	8:00

Boring Log

Project Name			Project No.	Drilling Compa	ny	Date:		
Simplot-Sunn	vside		10302086	Holt Services		8/23/2022		
Boring No Location		Location	10502000			0/25/2022		
-				Drilling Rig Type and Drilling Method				
P3Soil-BH8	PID Reading	Sunnyside, WA		Direct Push				
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments		
	9.9		GP	0-1 ft:	asphalt, sand, gravel, dry	Poor Recovery		
	6.2				1-4 ft: silt, brown	100% Recovery		
	5.4				4-5 ft:			
	8.1	5		5-	10 ft: silt, moist, odor	80% Recovery		
	0.1			_		80% Recovery		
			ML					
		10		10.10	5 0 C	Wet below 9'		
	7.5			10-12.	5 ft: faint petroleum smell			
P3Soil-BH8-10-	150.8			12.5-1	5 ft: gray, petroleum smell	100% Recovery		
11-20220823-0								
@ 1130		15						
		15		E	nd of boring at 15 feet			
				Backt	illed with bentonite chips			
		20						
		25						
		30						
		50						
		35						
				<u> </u>	Logged By:	Drilled/Sampled By:		
Mator Louis					Blake Urie	Holt/Blake Urie		
Water Level								
While Drilling:		0.0.1			Time Started:	Time Completed:		
Groundwater	encountered at	9 feet bgs			8:10	8:40		

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:
Simplot-Sunn	yside		10302086	Holt Service		8/23/2022
Boring No	5	Location		Drilling Rig Type and Drilling Method		
P3Soil-BH9 Sunnyside, W		A	Direct Push			
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
	(ppiii)		GP	0-2 f	asphalt, sand, gravel, dry	80% Recovery, 8" of surface concrete
	4.2			2	-5 ft: silt, brown, moist	_
					- , ,	
	5.8	5			5-7.5 ft: wet	100% Recovery
	5.0					10070 Recovery
	33.9		ML		7.5-10 ft: gray	Wet below 8'
P3Soil-BH9-10-		10	IVIL			wet below 8
13-20220823-0 @ 1210	70.7			10-13 ft	: dark brown, petroleum odor	
P3Soil-BH9-13-						
15-20220823-0 @ 1150	213.5			13-1	5 ft: gray, petroleum odor	
		15		F	nd of boring at 15 feet	_
					filled with bentonite chips	
					1	
		20				
		25				
		25				
		30				
		35				
					Logged By:	Drilled/Sampled By:
Water Level	Water Level				Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	8.5 feet bgs			9:00	9:30

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:	
	wide						
Simplot-Sunn	lysiae	. <i></i>	10302086	Holt Service		8/23/2022	
Boring No		Location		Drilling Rig Type and Drilling Method			
P3Soil-BH10		Sunnyside, WA		Direct Push			
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
No samples	5.5		GP		t: asphalt, sand, gravel, dry	80% Recovery	
taken at this bore hole	3.8			1	-5 ft: silt, brown, moist	100% Recovery	
	1.9	5		5	-10 ft: silt, brown, wet		
			ML			Wet below 8'	
2.1	2.1	10			10-12 ft:	80% Recovery	
	1.2				12-15 ft: gray	100% Recovery	
		15			End of boring at 15 feet filled with bentonite chips		
				Duck	fined with bencome emps		
		20					
		25					
		30					
		35					
Water Level					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie	
While Drilling:					Time Started:	Time Completed:	
Groundwater	encountered at	8.5 feet bgs			9:45	10:10	

Boring Log

Project Name			Project No.	Drilling Comp	201/	Date:	
			-				
Simplot-Sunn	iyside	1 4'	10302086	Holt Service		8/23/2022	
Boring No		Location		Drilling Rig Type and Drilling Method			
		Sunnyside, WA	A	Direct Push	Direct Push		
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
	7.6		GP		ft: fill, sand, gravel, dry	100% Recovery	
P3Soil-BH11- 1-5-	8.2			1	-5 ft: silt, brown, moist		
20220823-0 @ 1220							
	22.6	5		5-10 ft:	silt, brown, petroleum smell		
			ML				
			IVIL			Wet below 8'	
P3Soil-BH11- 10-12.5-	142.9	10		10-12.5 ft:	lark brown, wet, petroleum sme	u	
20220823-0 @ 1230	19.7			:	2.5-15 ft: dark brown		
		15					
					End of boring at 15 feet		
				Back	filled with bentonite chips		
		20					
		20					
		25					
		30					
		50					
		35					
					Logged By:	Drilled/Sampled By:	
Water Level					Blake Urie	Holt/Blake Urie	
While Drilling:					Time Started:	Time Completed:	
	encountered at	8.5 feet bos			10:35	10:55	

Boring Log

Project Name			Project No.	Drilling Company	Date:		
Simplot-Sunn	vside		10302086	Holt Services, Inc.	8/23/2022		
Boring No	55140	Location	10502000	Drilling Rig Type and Drilling Method	012512022		
		Sunnyside, WA	1	Direct Push			
	PID Reading						
Sample No.	(ppm)	Depth (feet)	Graphic Drscription	Soil Description	Comments		
	6.2		GP	0-1 ft: asphalt, sand, gravel, dry	80% Recovery		
	5.6			1-5 ft: silt, brown, moist	100% Recovery		
		5					
	1.7			5-10 ft:			
			ML				
					Wet below 8'		
		10					
	6.7			10-12.5 ft: wet			
P3Soil-BH12- 12.5-15-							
20220823-0 @	71.1			12.5-15 ft: wet, petroleum smell			
1220							
		15					
				End of boring at 15 feet			
				Backfilled with bentonite chips			
		20					
		25					
		30					
		35					
		_					
		—					
		-					
		1		Lawred Do			
Mataria				Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie		
Water Level							
While Drilling:		9 5 fast 1		Time Started:	Time Completed:		
Groundwater	encountered at	o.s reet bgs		11:00	11:20		

Boring Log

Project Name			Project No.	Drilling Compa	anv	Date:
Simplot-Sunn	veide		10302086	Holt Service		8/23/2022
Boring No	lyside	Location	10502000		pe and Drilling Method	0/25/2022
				Direct Push	pe and Drilling Method	
	PID Reading	Sunnyside, WA		Direct Push		_
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP	0-1	ft: fill, sand, gravel, dry	80% Recovery
	6.5			1	-5 ft: silt, brown, moist	
		5				
	2.8	5		5-10 ft: w	et, chlroine/chemical like smel	1
			ЪЯ			Wet below 8'
			ML			
	8.1	10		10-	14 ft: chlorine like smell	100% Recovery
		-				
P3Soil-BH13-						
14-15-						
20220823-0 @ 1500	131.1	I —		14-1	5 ft: gray, petroleum smell	
1500	10111	15		F	nd of boring at 15 feet	
					filled with bentonite chips	
		—			1	
		20				
		I —				
		I —				
		25 —				
		—				
		—				
		I —				
		—				
		30				
		35				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	8.5 feet bgs			14:00	14:15

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/23/2022
Boring No		Location			/pe and Drilling Method	
P3Soil-BH14 Sunnyside, W				Direct Push		
	PID Reading			Direct I ush		2
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP		ft: fill, sand, gravel, dry	60% Recovery
	22.4			1	-5 ft: silt, brown, moist	
		5				
	37.4				5-8 ft: wet	100% Recovery
			ML			
	38.1			8-10) ft: strong petroleum odor	Wet below 8'
		10				
	98.3			10)-13 ft: petroleum smell	
P3Soil-BH14- 13-15-				10.15.0		
20220823-0 @	1,487			13-15 ft:	gray, petroleum, chlorine smell	
1510		15				_
					End of boring at 15 feet	
				Back	tfilled with bentonite chips	
		20				
		25				
		30				
		35				
					Loggod Pvr	Drillod/Sompled Dri
Notorlaus					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie
Water Level						
While Drilling:		9 5 fast 1			Time Started:	Time Completed:
Jroundwater	encountered at	o.5 leet bgs			14:15	14:30

Boring Log

Project Name			Project No.	Drilling Compa	anv	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/23/2022
Boring No	., 5140	Location	10502000		pe and Drilling Method	012012022
P3Soil-BH15 Sunnyside, V				Direct Push	pe and Drining Method	
	PID Reading			Direct Push		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP	0-1	ft: fill, sand, gravel, dry	60% Recovery
	14.2			1-	-5 ft: silt, brown, moist	
	16.1	5			5-10 ft: silt, brown	80% Recovery
			ЪЯ			
			ML			Wet below 8'
	219.7	10		10-1	2 ft: silt-sand, slight odor	
P3Soil-BH15-	402.4			12-1	5 ft: silt with sand, brown	
12-15-						
20220823-0 @ 1530						
		15		E	nd of boring at 15 feet	—
					filled with bentonite chips	
		— —				
		20				
		25				
		30				
		35——				
-					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
Vhile Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	8.5 feet bgs			14:35	14:45

Boring Log

Project Namo			Project No.	Drilling Compa	anv	Date:	
Project Name	vaida						
Simplot-Sunn	yside		10302086	Holt Service		8/23/2022	
•		Location			pe and Drilling Method		
P3Soil-BH16		Sunnyside, WA	1	Direct Push			
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
			GP		-1 ft: sand, gravel, dry	60% Recovery	
P3Soil-BH16-1- 5-20220823-0 @ 1640	3.7			1-	5 ft: silt, brown, moist	100% Recovery	
	4.0	5			5-10 ft: silt, wet	80% Recovery	
			ML			Wet below 8'	
	5.1			10-15 ft: s	ilt with sand, gray-brown, we	t 100% Recovery	
		15		F	nd of boring at 15 feet		
				Back	filled with bentonite chips		
Water Level					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie	
While Drilling:					Time Started:	Time Completed:	
		8.5 feet bgs		14:45	15:00		

Boring Log

Project Name			Project No.	Drilling Compa	anv	Date:
Simplot-Sum	nvside		10302086	Holt Service		8/23/2022
Boring No		Location		Drilling Rig Ty	pe and Drilling Method	
P3Soil-BH17		Sunnyside, WA	A	Direct Push		
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP	0	-1 ft: sand, gravel, dry	50% Recovery
P3Soil-BH16- 1-5-20220823- 0 @ 1640	2.9			1-	-5 ft: silt, brown, moist	
	5.1	5			5-10 ft:	
			ML			Wet below 8'
	5.1	10			10-13 ft: brown, wet	80% Recovery
P3Soil-BH17- 13-15- 20220823-0 @ 1650	21.5	15			13-15 ft: gray, wet	
		15		E	nd of boring at 15 feet	
				Back	filled with bentonite chips	
		20				
		25				
		30				
		_				
		35 ——				
		_				
		_				
		_				
				<u> </u>		
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	8.5 feet bgs			15:30	15:40

Boring Log

Project Name			Project No.	Drilling Company		Date:
Simplot-Sunn	vside		10302086	Holt Services, Inc.		8/23/2022
Boring No	<i>J</i> = = = =	Location		Drilling Rig Type and Drilli	ing Method	
P3Soil-BH18 Sunnyside, WA			Direct Push			
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription	Soil Descr		Comments
			GP	0-2 ft: sand, gr	ravel, dry	80% Recovery
	2.1			2-5 ft: silt, brow	wn, moist	
	6.3	5		5-7 ft:	:	90% Recovery
	4.2		ML	7-10 ft: brow	vn, wet	100% Recovery Wet below 8'
	4.1	10		10-14 ft: silt with g	gravel, brown	80% Recovery
P3Soil-BH18- 14-15- 20220823-0 @						
1655	172.3	15		14-15 ft: silt, gray, p		100% Recovery
				End of boring		
				Backfilled with be	ntonite chips	
		20				
		25				
		30				
		-				
		35——				
Notor				Logged By: Plake Uric		Drilled/Sampled By:
Vater Level				Blake Urie		Holt/Blake Urie
Vhile Drilling:				Time Starte	:D:	Time Completed:
iroundwater	encountered at	8.5 feet bgs		15:45		16:00

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:		
Simplot-Sunn	vside		10302086	Holt Service		8/24/2022		
Boring No	5540	Location	10502000		/pe and Drilling Method	0/2 1/2022		
P3Soil-BH19		Sunnyside, WA		Direct Push				
	PID Reading			Dilect I usii				
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments		
	1.1			0	-5 ft: silt, brown, moist	75% Recovery		
P3Soil-BH19-5- 9-20220824-0								
@ 1220	12.1	5			5-9 ft: brown, moist	100% Recovery		
Ŭ								
P3Soil-BH19-9-		_	ML					
10-20220824-0								
@ 1610	44.6				9-10 ft: silt, gray, wet	Wet below 9'		
	22.3	10			0-12 ft: silt, gray-brown	Wet below 7		
	22.3				, U , I			
	23.2			12-1	5 ft: silt with sand, brown			
	23.2			12 1	o it. one with suite, or with			
		15						
					End of boring at 15 feet			
				Back	filled with bentonite chips			
		_						
		20						
		25						
		25						
		30						
		35						
		_						
					Loggod Dy:	Drillod/Somelad Drif		
					Logged By: Dialsa Lisia	Drilled/Sampled By:		
Water Level					Blake Urie	Holt/Blake Urie		
While Drilling:					Time Started:	Time Completed:		
Groundwater	encountered at	9 feet bgs			9:30	10:00		

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:	
Simplot-Sunn	vside		10302086	Holt Service		8/24/2022	
Boring No	55140	Location	10502000	1	/pe and Drilling Method		
P3Soil-BH20 Sunnyside, WA			Direct Push				
	PID Reading			Direct Fush			
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
	16.5		GP	()-1 ft: gravel, sand, dry	75% Recovery	
	23.4			1-5 ft: sil	t, brown, moist, chemical order	100% Recovery	
P3Soil-BH20-9- 10-20220824-0 @ 1625	33.8	5	ML		-9 ft: silt, brown, moist		
@ 1025	1,651	10			silt, gray, wet, petroleum smell	Wet below 9'	
	57.9	10		10-12 ft: si	lt, brown, slight petroleum smell		
P3Soil-BH20- 12-13- 20220824-0 @ 1635	2,852 142.2				: brown-gray, petroleum smell 5 ft: gray, petroleum smell		
		15		H	End of boring at 15 feet		
				Back	tfilled with bentonite chips		
						Drilled/Sampled By:	
					Logged By:	Drilled/Sampled By:	
Water Level					Blake Urie	Holt/Blake Urie	
While Drilling:	-				Time Started:	Time Completed:	
Groundwater	encountered at	9 feet bgs			10:20	10:40	

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/24/2022
Boring No	55140	Location	10002000		/pe and Drilling Method	
P3Soil-BH21 Sunnyside, WA			Direct Push			
	PID Reading			Direct I usi		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP	0-2	ft: fill, gravel, sand, dry	60% Recovery
P3Soil-BH21-3- 5-20220824-0	26.7			3-5 ft: silt, b	rown, most, slight chemical smell	
@ 1645	67.9	5		5-10	ft: slight petroleum smell	75% Recovery
			ML			
	1627	10		10-12.5 ft: w	ret, brown, strong petroleum smell	100% Recovery, wet below 10'
P3Soil-BH21- 12.5-15- 20220824-0 @ 1655	2,711			12.5-15 ft:	silt, gray, strong petroleum smell	
1055		15		Т	End of boring at 15 feet	-
					filled with bentonite chips	
		. <u> </u>		Dack	inned with bentointe emps	
		. <u> </u>				
		,				
		20				
		20				
		·				
		25				
		20				
		30				
		. <u> </u>				
		35				
-					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	10 feet bgs			10:45	10:55

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/24/2022
Boring No	, 5140	Location	10002000		/pe and Drilling Method	
P3Soil-BH22 Sunnyside, WA		A	Direct Push			
	PID Reading			Direct I doll		2t
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
P3Soil-BH22-0-	35.9			0-5	5 ft: fill, gravel, sand, dry	20% Recovery
5-20220824-0						
@ 1705		GP			Additional bore taken adjacent to original	
						bore due to poor recovery - silt, brown,
		5				moist, 80% recovery, 25.8 ppm
	70.4	5		5-10 ft: sil	t, brown, moist, petroleum smell	30% Recovery
		10	ML			
	770.3	10	IVIL	10-12	2.5 ft: wet, petroleum smell	100% Recovery, wet below 10'
P3Soil-BH22- 12.5-15- 20220824-0 @			12.5-15 ft:	silt, gray, moist, petroleum smell		
1715						
		15		H	End of boring at 15 feet	
				Back	filled with bentonite chips	
		20				
		— —				
		— —				
		— —				
		25				
		30				
		—				
		—				
		—				
		35				
		—				
		—				
		—				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
	encountered at	10 feet bas			11:40	11:50
Situniuwatel	encountereu al	10 1001 083			VT.11	11.50

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:	
Simplot-Sunn	yside		10302086	Holt Service		8/24/2022	
Boring No Location		Location			pe and Drilling Method		
P3Soil-BH23 Sunnyside, W			Direct Push				
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
			GP	0-2	t: fill, gravel, sand, dry	95% Recovery	
	7.1			2	-5 ft: silt, brown, moist	100% Recovery	
	18.9	5		5-	10 ft: silt, brown, moist	75% Recovery	
	54.1	10	ML	10-12.5 1	ft: brown wet, petroleum smell	100% Recovery, wet below 10'	
P3Soil-BH23- 12.5-15- 20220824-0 @ 1725	2,552			12.5-15 ft:	silt, gray, wet, petroleum smell		
1723		15		F	End of boring at 15 feet	—	
					filled with bentonite chips		
		. <u> </u>		Back	inned with bentonne emps		
		20					
		20					
		25					
		30					
		35					
					Logged By:	Drilled/Sampled By:	
Vater Level					Blake Urie	Holt/Blake Urie	
Vhile Drilling:					Time Started:	Time Completed:	
		10 feet bgs			13:35	13:50	

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	vsida		10302086	Holt Service		8/24/2022
Boring No Location		10502080			0/24/2022	
P3Soil-BH24 Sunnyside, WA		N N	Drilling Rig Type and Drilling Method Direct Push			
	PID Reading			Direct Fush		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP	0-2	? ft: fill, gravel, sand, dry	60% Recovery
P3Soil-BH24-2- 5-20220824-0	25.5			2	-5 ft: silt, brown, moist	100% Recovery
@ 1740	12.6	5		5-10 ft: silt,	brown, wet, slight petroleum odor	80% Recovery
	286.1	10	ML	10-13	ft: brown, petroleum smell	Wet below 9' 100% Recovery
P3Soil-BH24- 13-14.5-					-	10078 Recovery
13-14.5- 20220824-0 @	1,793				t: gray, strong petroleum smell	
1745		15		14.5-15 ft	: brown, slight petroleum smell	
		15			End of boring at 15 feet	
				Back	filled with bentonite chips	
		20				
		25——				
		30				
		35				
		33				
					Logged By:	Drilled/Sampled By:
Water Loval					Blake Urie	Holt/Blake Urie
Water Level						
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	9 feet bgs			13:50	14:00

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:	
Simplot-Sunn	vside		10302086	Holt Service		8/24/2022	
Boring No	, 5140	Location	1.0002000				
				Direct Push	Drilling Rig Type and Drilling Method		
P3Soil-BH25	PID Reading	Sunnyside, WA		Direct Push			
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
			GP		ft: fill, gravel, sand, dry	80% Recovery	
	38.1			1	-5 ft: silt, brown, moist	100% Recovery	
	44.6	5	ML		5-10 ft: silt, brown	75% Recovery	
P3Soil-BH25- 10-13- 20220824-0 @	853.4	10		10-13 ft	: brown wet, petroleum smell	Wet below 10'	
1755	1,023			13-15 ft: silt-sa	nd wet, gray, strong petroleum smel	1	
		15		H	End of boring at 15 feet	1	
					filled with bentonite chips		
					Ĩ		
		20					
		25					
		30					
		50					
		· · · · ·					
		35 —					
					Logged By:	Drilled/Sampled By:	
Water Level					Blake Urie	Holt/Blake Urie	
While Drilling:					Time Started:	Time Completed:	
	encountered at	10 feet bgs			14:50	15:00	

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/24/2022
Boring No	ysiae	Location	10302000		/pe and Drilling Method	0/27/2022
P3Soil-BH26		Sunnyside, WA	1	Direct Push		1
Sample No.	PID Reading (ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP		ft: fill, gravel, sand, dry	80% Recovery
P3Soil-BH26-0- 2-20220824-0 @ 1805	30.9			1	-5 ft: silt, brown, moist	100% Recovery
	23.5	5	ML	5-1	0 ft: slight fertilizer odor	60% Recovery
			MIL			
P3Soil-BH26- 12-13- 20220824-0 @	797.7	10		10-12 ft: brow	n wet, fertilizer and petroleum smell	100% Recovery, wet below 10'
1815	1,611				, wet, shiny sheen, petroleum smell	
	418.2			13-15 ft: silt-sa	nd wet, gray, slight petroleum smell	
		15		F	End of boring at 15 feet	4
					filled with bentonite chips	
		20				
		_				
		25				
		30				
		—				
		35				
Water Level					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
	encountered at	10 feet bos			15:00	15:10

Boring Log

Project Name Simplot-Sunnyside Boring No Location P3Soil-BH27 Sunnyside Sample No. PID Reading (ppm) Depth (fe P3Soil-BH27-0- 1-20220825-0 @ 1745 36.3 5—		Drilling Company Holt Services, Inc. Drilling Rig Type and Drilling Method Direct Push Soil Description 0-1 ft: fill, gravel, sand, dry 1-5 ft: silt, brown, moist	Date: 8/25/2022 Comments 75% Recovery
Boring No P3Soil-BH27 Sample No. PID Reading (ppm) Depth (fe P3Soil-BH27-0- 1-20220825-0 @ 1745	WA t) Graphic Drscription	Drilling Rig Type and Drilling Method Direct Push Soil Description 0-1 ft: fill, gravel, sand, dry	Comments 75% Recovery
P3Soil-BH27 Sunnyside Sample No. PID Reading (ppm) Depth (fe P3Soil-BH27-0- 1-20220825-0 @ 1745 17	t) Graphic Drscription	Direct Push Soil Description 0-1 ft: fill, gravel, sand, dry	75% Recovery
Sample No. PID Reading (ppm) Depth (fer P3Soil-BH27-0- 1-20220825-0 @ 1745 17 5	t) Graphic Drscription	Soil Description 0-1 ft: fill, gravel, sand, dry	75% Recovery
P3Soil-BH27-0- 1-20220825-0 @ 1745 5-		0-1 ft: fill, gravel, sand, dry	75% Recovery
P3Soil-BH27-0- 1-20220825-0 @ 1745 5-	GP		
P3Soil-BH27-0- 1-20220825-0 @ 1745 5-	-	1-5 ft: silt, brown, moist	1000/ 70
36.3 5-			100% Recovery
		5-10 ft: silt, wet	80% Recovery, wet below 9'
	ML		
258.0		10-15 ft: silt with sand, gray, petroleum odor	75% Recovery
15		End of boring at 15 feet	
20— 25— 30— 35—		Backfilled with bentonite chips	
·		Logged By:	Drilled/Sampled By:
Water Level		Blake Urie	Holt/Blake Urie
While Drilling: Groundwater encountered at 9 feet bgs		Time Started: 8:40	Time Completed: 8:50

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/25/2022
Boring No	.) 5140	Location	10002000	Drilling Rig Type and Drilling Method		0.20.2022
P3Soil-BH28		Sunnyside, WA		Direct Push		
	PID Reading			Direct Fush		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP		ft: fill, gravel, sand, dry	50% Recovery
	24.6			1	-5 ft: silt, brown, moist	100% Recovery
	36.1	5		5-1	0 ft: wet, petroleum smell	80% Recovery, wet below 9'
	50.1				· · · · · · · · · · · · · · · · · · ·	80% Recovery, wei below 9
			ML			
P3Soil-BH28-	965.7	10		10-13 ft: s	ilt, gray, greasy, petroleum smell	75% Recovery
10-13- 20220825-0 @ 1750						
1150				13-15	ft: silt, gray, petroleum smell	100% Recovery
		15		T		
					End of boring at 15 feet cfilled with bentonite chips	
		20				
		25				
		30				
		35				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
Vhile Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	9 feet bgs			8:50	9:00

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:	
Simplot-Sunn	yside		10302086	Holt Service		8/25/2022	
Boring No	<i>.</i>	Location			/pe and Drilling Method	1	
P3Soil-BH29		Sunnyside, WA	N N	Direct Push	,		
	PID Reading			2 11000 1 4011	Soil Department	0	
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
	6.5			C	0-3 ft: silt, most, brown	100% Recovery	
P3Soil-BH29-0-							
3-20220825-0							
@ 1800	30.5				3-5 ft: moist, brown	100% Recovery	
		5					
	29.8	5			5-10 ft: wet, brown	70% Recovery, wet below 9'	
			ML				
	33.8	10		10-13 ft: silt, b	prown, wet, slight fertilizer/chemical	100% Recovery	
					smell		
	16.9			13-15 ft: gray-	brown, moist, slight petroleum smell		
		15		F	End of boring at 15 feet	4	
					filled with bentonite chips		
					1		
		20					
		25					
		30					
		35					
					Logged By:	Drilled/Sampled By:	
Water Level					Blake Urie	Holt/Blake Urie	
While Drilling:					Time Started:	Time Completed:	
Groundwater	encountered at	9 feet bgs			9:30	9:40	

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	vside		10302086	Holt Service		8/25/2022
Boring No	55100	Location	10302000		pe and Drilling Method	0/20/2022
P3Soil-BH30		Sunnyside, WA	L.	Direct Push		
	PID Reading					2
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
	50.7		GP	0	-2 ft: gravel, sand, dry	80% Recovery
	11.3			2-5 ft: silt, mo	ist, brown, slight fertiilzer/chemical smell	100% Recovery
P3Soil-BH30-5- 10-20220825-0	113.7	5		5-10 ft: w	et, brown, slight fertiilzer smell	80% Recovery, wet below 9'
@ 1805			ML			
	10.1	10			10-14 ft: brown, wet	100% Recovery
	13.4			1	14-15 ft: brown, moist	
		15		E	and of boring at 15 feet	1
					filled with bentonite chips	
		20				
		25				
		30				
		35				
Water Level					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	9 feet bgs			9:45	9:55

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:
Simplot-Sunn	weide		10302086	Holt Service		8/25/2022
Boring No	1,5140	Location	10502000		/pe and Drilling Method	0.20.2022
P3Soil-BH31					pe and Drilling Method	
	PID Reading	Sunnyside, WA		Direct Push		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP		t: asphalt, gravel, sand, dry	80% Recovery
	119.4			1	-5 ft: silt, moist, brown	100% Recovery
P3Soil-BH31-5- 7.5-20220825- 0@1810 P3Soil-BH31- 12-14- 20220825-0@ 1830	119.4 115.7 137.9 796.2 1,816 1,965		ML	5-7.5 ft: moist, 7.5-10 ft: b 10-12 ft: br 12-14 ft: s 14-15 ft: with	-5 ft: silt, moist, brown brown, slight petroleum smell smell rown-gray, wet, petroleum smell own, wet, strong petroleum odor silt with sand, black, wet, strong petroleum odor t, gray, wet, strong petroleum odor End of boring at 15 feet cfilled with bentonite chips	
		35				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	9 feet bgs			10:35	10:45

Boring Log

Project Name			Project No.	Drilling Comp	anv	Date:		
Simplot-Sunn	vside		10302086		Holt Services, Inc. 8/25/2022			
Boring No	., 5140	Location	10002000	1	Drilling Rig Type and Drilling Method			
P3Soil-BH32 Sunnyside, W				Direct Push				
	PID Reading			Difect I usi				
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments		
			GP		0-2 ft: gravel, sand, dry	100% Recovery		
P3Soil-BH32-2- 5-20220825-0 @ 1840	53.1			2	-5 ft: silt, moist, brown			
<u>w</u> 1640	14.4	5			5-10 ft: wet, brown	Wet below 9'		
			ML					
	17.8	10			10-12.5 ft: brown, wet			
	13.7			1	2.5-15 ft: brown, moist			
		15			End of boring at 15 feet affiled with bentonite chips			
		20						
		25						
		30						
		35						
Water Level					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie		
While Drilling:		0.01			Time Started:	Time Completed:		
Groundwater	encountered at	9 feet bgs			14:55	15:15		

Boring Log

Project Name			Project No.	Drilling Company		Date:	
Simplot-Sunn	vside		10302086	Holt Services, Inc.		8/25/2022	
Boring No	55140	Location	10302000	Drilling Rig Type and Drilling	Method	01 231 2022	
P3Soil-BH33				Direct Push			
	PID Reading	Sunnyside, WA					
Sample No.	(ppm)	Depth (feet)	Graphic Drscription	Soil Descript	ion	Comments	
	40.3		GP	0-1 ft: gravel, sar	nd, dry	100% Recovery	
	63.5			1-3 ft: silt, moist,	brown		
P3Soil-BH33-1- 3-20220825-0							
@ 1850	80.8			3-5 ft: brown, n	noist		
	49.3	5		5-10 ft: silt, brow	vn, wet	80% Recovery, wet below 9'	
			ML				
		_					
	19.6	10		10-12.5 ft: brown	n, wet	100% Recovery	
						10070 R000 V01 y	
	10.2			12.5-15: silt with sand,	, brown, wet		
	10.2						
		15		End of boring at	15 feet		
				Backfilled with bento			
				Bucklined with benk	since emps		
		_					
		20					
		25					
		30					
		35					
				Logged By:		Drilled/Sampled By:	
Water Level				Blake Urie		Holt/Blake Urie	
While Drilling:				Time Started:		Time Completed:	
	encountered at	9 feet bgs		15:30		15:40	

Boring Log

Project Name			Project No.	Drilling Company		Date:
Simplot-Sunn	vside		10302086	Holt Services, Inc	、	8/26/2022
Boring No	lyside	Location	10502000		ng Rig Type and Drilling Method	
P3Soil-BH34		Sunnyside, WA	N N	Direct Push		
	PID Reading					
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Description	Comments
6.2	6.2		GP		alt, gravel, sand, dry	40% Recovery
	2.7			1-5	ft: silt, moist	70% Recovery
		5				
					5-10 ft:	
			ML			
		10				
	2.2			10-14 ft	: silt, wet, brown	100% Recovery, wet below 10'
P3Soil-BH34- 14-15-						
20220826-0 @				14.15.0		
1140	1.8	15			brown-gray, moist	
					boring at 15 feet	
				Backfilled	with bentonite chips	
		20				
		25				
		30				
		35				
		-				
		-				
		1		Logg	ed By:	Drilled/Sampled By:
Water Level					te Urie	Holt/Blake Urie
While Drilling:					Started:	Time Completed:
	encountered at	10 feet bgs		8:00		8:10

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:
Simplot-Sunn	veide		10302086	Holt Service		8/26/2022
Boring No	ly sluc	Location	10302000		/pe and Drilling Method	0/20/2022
				Direct Push	pe and Drilling Method	
P3Soil-BH35	PID Reading	Sunnyside, WA		Direct Push		
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments
			GP		t: asphalt, gravel, sand, dry	80% Recovery
	10.4			1	-5 ft: silt, brown, moist	100% Recovery
		_				
	25.6	5		5	-10 ft: silt, brown, wet	Wet below 9'
P3Soil-BH35-5-						
10-20220826-0 @ 1130						
(ii) 1150			ML			
	14.5	10		10-15	ft: silt with sand, brown, wet	
		15		F	End of boring at 15 feet	
					filled with bentonite chips	
					1	
		20				
		25——				
		30				
		35——				
					Logged By:	Drilled/Sampled By:
Water Level					Blake Urie	Holt/Blake Urie
While Drilling:					Time Started:	Time Completed:
Groundwater	encountered at	9 feet bgs			8:20	8:30

Boring Log

Project Name			Project No.	Drilling Comp	any	Date:	
Simplot-Sunn	vside		10302086	Holt Service		8/26/2022	
Boring No	lyside	Location	10502000		vpe and Drilling Method	0/20/2022	
P3Soil-BH36		Sunnyside, WA			Direct Push		
	PID Reading			Direct Push			
Sample No.	(ppm)	Depth (feet)	Graphic Drscription		Soil Description	Comments	
	53.1		GP	0-1 f	: asphalt, gravel, sand, dry	80% Recovery	
	55.9			1	-5 ft: silt, brown, moist	100% Recovery	
	134.4	5	ML	5-10 ft: s	ilt, brown, wet, petroleum odor	50% Recovery, wet below 9'	
P3Soil-BH36- 10-13- 20220826-0 @ 1120 P3Soil-BH36-	353.6	10		10-1	3 ft: wet, petroleum odor	100% Recovery	
13-15- 20220826-0 @ 1110	1,392	15			ft: gray, wet, petroleum odor		
FB @ 0830					End of boring at 15 feet filled with bentonite chips		
		20					
		25					
		30					
		35					
Water Level					Logged By: Blake Urie	Drilled/Sampled By: Holt/Blake Urie	
					Time Started:		
While Drilling:		0.6 (1				Time Completed:	
oroundwater	encountered at	9 Ieet bgs			9:30	9:40	

INDOOR AIR BUILDING SURVEY and SAMPLING FORM Ware house

Preparer's name: Jered New comb, EIT	Date: 5/10/2022
Preparer's affiliation: Consultant	Phone #: 509 - 899-4371
Site Name: Jimplot Grower Solutions Jite	Propost
Part I - Occupants	,
Building Address: 300 1st Street, Junny side, W	A
Property Contact: Trime Allon Owner / Ren	
Contact's Phone: home () work ()	
# of Building occupants: Children under age 13 Chil	
Part II – Building Characteristics	
Building type: residential / multi-family residential / office Describe building: Twaledwarehouse with correte floot, 13th soon,	
Sensitive population: day care / nursing home / hospital / sc	chool / other (specify)://A
Number of floors below grade: (full basement / craw	vl space / slab on grade)
Number of floors at or above grade:	
Depth of basement below grade surface:ft. Base	ement size: ft ²
Basement floor construction: concrete / dirt / floating / st	one / other (specify):
Foundation walls: poured concrete / cinder blocks / st	cone / other (specify)
Basement sump present? Yes / No Sump pump? Yes /	No Water in sump? Yes / No
	ood steam radiation rosene heater electric baseboard

Type of ventilation system (circle all that apply):

со	entral air conditioning onditioning units her (specify):	mechanical fans kitchen range hood fan	bathroom ventilation fans individual air outside air intake
	el utilized (circle all that apply): atural gas y electric / fuel oil /	wood / coal / solar / kerose	ne
Are the bas	sement walls or floor sealed with	waterproof paint or epoxy coa	tings? Yes / No
Is there a v	whole house fan? Ye.	s /Ng	4
Septic syst	tem? Ye.	s / Yes (but not used) / No	
Irrigation/p	private well? Ye.	s / Yes (but not used) /No	
Type of gr	ound cover outside of building:	grass / concrete / asphal	other (specify) <u><u>Grave</u></u>
Existing su	ubsurface depressurization (radon) system in place? Yes /(No active / passive
	apor/moisture barrier in place? ype of barrier:		
<u>Part III - (</u>	Outside Contaminant Sources		
Potential c	contaminated site (1000-ft. radius	:): (homical Stomye tanks/ son	ntainment
Other stati	onary sources nearby (gas station	s, emission stacks, etc.): Inde	astring area/saiload trucks north of property
	nicular traffic nearby (or other mo		

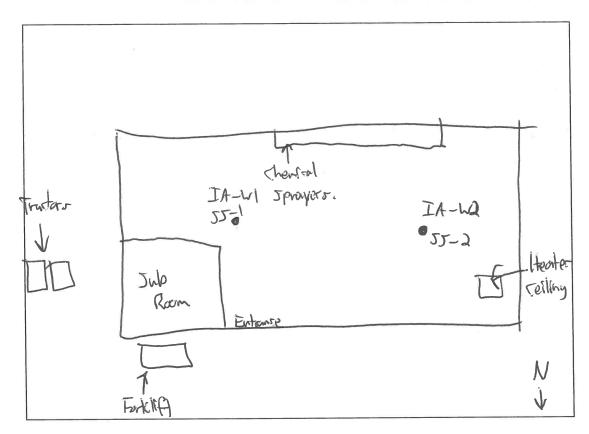
Part IV - Indoor Contaminant Sources

Identify all potential indoor sources found in the building (including attached garages), the location of the source (floor and room), and whether the item was removed from the building 48 hours prior to indoor air sampling event. Any ventilation implemented after removal of the items should be completed at least 24 hours prior to the commencement of the indoor air sampling event.

Potential Sources	Location(s)	Removed (Yes / No / NA)
Gasoline storage cans		
Gas-powered equipment		
Kerosene storage cans		
Paints / thinners / strippers		
Cleaning solvents		
Oven cleaners		
Carpet / upholstery cleaners		
Other house cleaning products		
Moth balls		
Polishes / waxes		
Insecticides/Herber	2011+3 gal chemical sphayers (worknown chemicals)	Yes
Furniture / floor polish		
Nail polish / polish remover		
Hairspray		
Cologne / perfume		
Air fresheners		
Fuel tank (inside building)		NA

Wood stove or fireplace NA	
New furniture / upholstery NA	
New carpeting / flooring NA	
Hobbies - glues, paints, etc.	
Part V – Miscellaneous Items	
Do any occupants of the building smoke? Yes / No How often?	
Last time someone smoked in the building? hours / days ago	
Does the building have an attached garage directly connected to living space? Yes No	
If so, is a car usually parked in the garage? Yes / No	
Are gas-powered equipment or cans of gasoline/fuels stored in the garage? Yes / No	
Do the occupants of the building have their clothes dry cleaned? Yes \sqrt{No}	
If yes, how often? weekly / monthly / 3-4 times a year	
Do any of the occupants use solvents in work? (Yes) / No	
If yes, what types of solvents are used? Normal Cleaning solvents	
If yes, are their clothes washed at work? Yes No	
Have any pesticides/herbicides been applied around the building or in the yard?	
If so, when and which chemicals? Round-Up (4/21)	
Has there ever been a fire in the building? Yes / No If yes, when?	
Has painting or staining been done in the building in the last 6 months? Yes \sqrt{N}	
If yes, when and where?	
Has there been any remodeling done (flooring/carpeting) in the building in the last 6 months? Yes \sqrt{No}	
If yes, when and where?	
Part VI – Sampling Information	
Sample Technician: Jered New comb Phone number: (509) 899 - 4371	
Sample Technician: Jered Newtonb Phone number: (509) 899 - 4371 Sample Source: Indoor Air Sub-Slab Near Slab Soil Gas / Exterior Soil Gas	
Sample Source: Indoor Air (Sub-Slab) Near Slab Soil Gas / Exterior Soil Gas	
Sample Source: Indoor Air (Sub-Slab) Near Slab Soil Gas / Exterior Soil Gas Sampler Type: Tedlar bag / Sorbent / Stainless Steel Canister / Other (specify):	

Field ID # <u>JS</u> - <u>DVP-220511</u> Were "Instructions for Occupants" followed? If not, describe modifications: <u>Left (hemford) uprayers instide</u> <u>Additional Comments:</u> O.Uppm of VOCs detected through entire area of warehouse (hemford Sprayers moved outside I Forklift purk N of warehouse J tructors parkled E of warehouse Joll + gravel staining throughout silve + around warehouse IDW + unknown barrels outside @ SE corner of warehouse



Provide Drawing of Sample Location(s) in Building

Part VII - Meteorological Conditions

Was there significant precipitation within 12 hours prior to (or during) the sampling event?	Yes / No
Describe the general weather conditions:	

Part VIII - General Observations

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process.

(NJDEP 1997; NHDES 1998; VDOH 1993; MassDEP 2002; NYSDOH 2005; CalEPA 2005; OhioEPA 2015)

Instructions for Building Occupants Prior to Indoor Air Sampling

This form should be reviewed by building occupant personnel. Representatives will be collecting one or more indoor air samples from your building on ______ - beginning @ _____ and ending @ _____. Your assistance is requested during the sampling program in order to collect an indoor air sample that is both representative of indoor conditions and avoids the common background indoor air sources associated with occupant activities and consumer products.

Please follow the instructions below starting at least 48 hours (2 days) prior to and during the indoor air sampling event:

Do operate your furnace and whole house air	Do not open windows or keep doors
conditioner as appropriate for the current	open
weather conditions	Do not smoke in the building
Do not use wood stoves, fireplaces or	Do not apply pesticides
auxiliary heating equipment	
Do not use window air conditioners, fans	Do not use air fresheners or odor
or vents	eliminators
Do not use paints or varnishes (up to a week	Do not engage in indoor hobbies that
in advance, if possible)	use solvents (e.g. gun cleaning)
Do not use cleaning products (e.g., bathroom	Do not operate gasoline powered
cleaners, furniture polish, appliance cleaners,	equipment within the building,
all-purpose cleaners, floor cleaners)	attached garage or around the
Do not use hair spray, nail	immediate perimeter of the building
polish remover, perfume, etc.	Do not bring freshly dry cleaned
Do not store containers of gasoline, oil or solvents	clothes into the building
within an attached garage.	

Do not operate or store automobiles within an attached garage

You will be asked a series of questions about the structure, consumer products you store in your building, and occupant activities typically occurring in the building. These questions are designed to identify "background" sources of indoor air contamination. While this investigation is looking for a select number of chemicals related to the known or suspected subsurface contamination, the laboratory will be analyzing the indoor air samples for a wide variety of chemicals. As a result, chemicals such as tetrachloroethene that is commonly used in dry cleaning or acetone, which is found in nail polish remover might be detected in your sample results.

Your cooperation is greatly appreciated. If you have any questions about these instructions, please feel free to

Modular Building

INDOOR AIR BUILDING SURVEY and **SAMPLING FORM**

Preparer's name: Jered Newromb, EIT	Date: 5/10/2022
Preparer's affiliation: Consultant	Phone #: 509 - 899-4371
Site Name: Simplot Grower Solutions Site	Project 10302086/Tusk#11
Part I - Occupants	1
Building Address: 300 1st Street, Sunnyside, WA	
Property Contact: Jaime Alba Owner / Ren	nter/other: Lication Manager
Contact's Phone: home () work ()	cell (5¢1) <u>985-8808</u>
# of Building occupants: Children under age 13 O Chil	ldren age 13-18 O Adults <u>4</u>
Part II – Building Characteristics	
Building type: residential / multi-family residential / office	
Describe building: Manufactured building, concrete Fandation	(rawlighte Year constructed: 2011
Sensitive population: day care / nursing home / hospital / so	
Number of floors below grade: (full basement / rav	vl space slab on grade)
Number of floors at or above grade:	
Depth of basement below grade surface:ft. Base	ement size: ft ²
Basement floor construction: concrete / dirt / floating / st	cone / other (specify):
Foundation walls: (poured concrete / cinder blocks / st	tone / other (specify)
Basement sump present? Yes / No Sump pump? Yes /	No Water in sump? Yes No
	ood steam radiation brosene heater electric baseboard

Type of ventilation system (circle all that apply):

central air conditioning conditioning units other (specify):	mechanical fans kitchen range hood fan	bathroom ventilation fans individual air outside air intake	
Type of fuel utilized (circle all that app Natural gas / electric / fuel c	bly): bil / wood / coal / solar / kerose	ene	
Are the basement walls or floor sealed	with waterproof paint or epoxy coa	ttings? $Yes(No)$	
Is there a whole house fan?	Yes / No		
Septic system?	Yes / Yes (but not used) / No		
Irrigation/private well?	Yes / Yes (but not used) / No	- unikian	
Irrigation/private well? Type of ground cover outside of building	ng: grass / concrete / asphalt	other (specify)	
Existing subsurface depressurization (radon) system in place? Yes /	No active / passive	
Sub-slab vapor/moisture barrier in plac Type of barrier:			
Part III - Outside Contaminant Sou	rces		
Potential contaminated site (1000-ft. radius): Sterngetank/containment			
Other stationary sources nearby (gas stations, emission stacks, etc.): Industrial area, pallroad tracks with of properly line			
Heavy vehicular traffic nearby (or other mobile sources):			

Part IV - Indoor Contaminant Sources

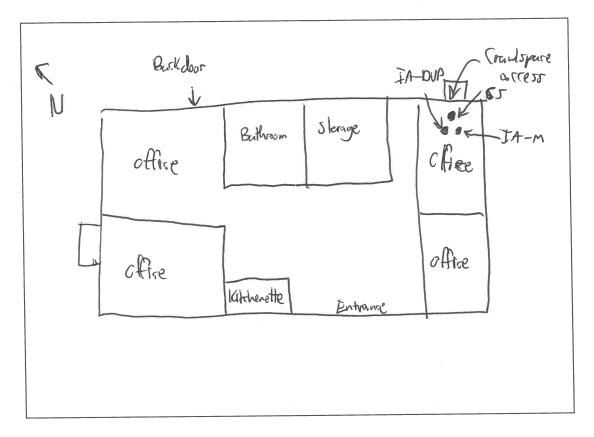
Identify all potential indoor sources found in the building (including attached garages), the location of the source (floor and room), and whether the item was removed from the building 48 hours prior to indoor air sampling event. Any ventilation implemented after removal of the items should be completed at least 24 hours prior to the commencement of the indoor air sampling event.

Potential Sources	Location(s)	Removed (Yes / No / NA)
		(107/114)
Gasoline storage cans		
Gas-powered equipment		
Kerosene storage cans		
Paints / thinners / strippers		
Cleaning solvents	Amosta	
Oven cleaners		
Carpet / upholstery cleaners		
Other house cleaning products	Pine-sol	Yo,
Moth balls		
Polishes / waxes		2
Insecticides		
Furniture / floor polish		
Nail polish / polish remover		
Hairspray		
Cologne / perfume		
Air fresheners	Renuzit to (nunsed)	Yes
Fuel tank (inside building)		NA

Wood stove or fireplace	NA
New furniture / upholstery	
New carpeting / flooring	NA
Hobbies - glues, paints, etc.	
Part V – Miscellaneous Items	
Do any occupants of the building smoke? Yes $/No$ How often?	
Last time someone smoked in the building? hours / days	ago
Does the building have an attached garage directly connected to living space? Yes /	No
If so, is a car usually parked in the garage? Yes / No	
Are gas-powered equipment or cans of gasoline/fuels stored in the garage?	Yes / No
Do the occupants of the building have their clothes dry cleaned? Yes \sqrt{No}	
If yes, how often? weekly / monthly / 3-4 times a year	
Do any of the occupants use solvents in work?	
If yes, what types of solvents are used? Mornal cleaning solvents by building	y cleaners (last cleaning dark 4/23)
If yes, are their clothes washed at work? Yes / No	
Have any pesticides/herbicides been applied around the building or in the yard?	(Yes) No
If so, when and which chemicals? Round-Up (4/21)	
Has there ever been a fire in the building? Yes No If yes, when?	
Has painting or staining been done in the building in the last 6 months?	Yes No
If yes, when and where?	······
Has there been any remodeling done (flooring/carpeting) in the building in the la	st 6 months? Yes No
If yes, when and where?	
Part VI – Sampling Information	
Sample Technician: Jered New romb Phone number: (509) 59	9 - 4371
Sample Source: Indoor Air / Sub-Slab / Near Slab Soil Gas / Exterior Soil Gas /	Brok m
Sampler Type: Tedlar bag / Sorbent / Stainless Steel Canister Other (specify):	
Analytical Method: TO-15 / TO-17 / other: Cert. Laboratory:	17E
Sample locations (floor, room):	
Field ID # $IA - M - 20220511$ Field ID # $IA - Dup - 2022051$	51(

Field ID # <u>(5</u> - <u>2022051</u>	Field ID #
Were "Instructions for Occupants" followed?	Yes / No
If not, describe modifications:	

Additional Comments: 0.0 ppm VUCs defected with PIO meter in all areas of building



Provide Drawing of Sample Location(s) in Building

Part VII - Meteorological Conditions

Was there significant precipitation within 12 hours prior to (or during) the sampling event? Yes / No Describe the general weather conditions:

Part VIII - General Observations

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process.

(NJDEP 1997; NHDES 1998; VDOH 1993; MassDEP 2002; NYSDOH 2005; CalEPA 2005; OhioEPA 2015)

Instructions for Building Occupants Prior to Indoor Air Sampling

This form should be reviewed by building occupant personnel. Representatives will be collecting one or more indoor air samples from your building on _______ - beginning @ _______ and ending @ _______. Your assistance is requested during the sampling program in order to collect an indoor air sample that is both representative of indoor conditions and avoids the common background indoor air sources associated with occupant activities and consumer products.

<u>Please follow the instructions below starting at least 48 hours (2 days) prior to and during the indoor</u> <u>air sampling event:</u>

Do operate your furnace and whole house air	Do not open windows or keep doors
conditioner as appropriate for the current	open
weather conditions	Do not smoke in the building
Do not use wood stoves, fireplaces or	Do not apply pesticides
auxiliary heating equipment	
Do not use window air conditioners, fans	Do not use air fresheners or odor
or vents	eliminators
Do not use paints or varnishes (up to a week	Do not engage in indoor hobbies that
in advance, if possible)	use solvents (e.g. gun cleaning)
Do not use cleaning products (e.g., bathroom	Do not operate gasoline powered
cleaners, furniture polish, appliance cleaners,	equipment within the building,
all-purpose cleaners, floor cleaners)	attached garage or around the
Do not use hair spray, nail	immediate perimeter of the building
polish remover, perfume, etc.	Do not bring freshly dry cleaned
Do not store containers of gasoline, oil or solvents	clothes into the building
within an attached garage.	

Do not operate or store automobiles within an attached garage

You will be asked a series of questions about the structure, consumer products you store in your building, and occupant activities typically occurring in the building. These questions are designed to identify "background" sources of indoor air contamination. While this investigation is looking for a select number of chemicals related to the known or suspected subsurface contamination, the laboratory will be analyzing the indoor air samples for a wide variety of chemicals. As a result, chemicals such as tetrachloroethene that is commonly used in dry cleaning or acetone, which is found in nail polish remover might be detected in your sample results.

Your cooperation is greatly appreciated. If you have any questions about these instructions, please feel free to

FIELD DATA FORM: SOIL GAS IMPLANT METHOD PROJECT NAME: $\int_{in} \frac{1}{in} \int_{in} $
PROJECT NAME: $\int f_{n} \sqrt{h} \sqrt{h} \sqrt{h} \sqrt{h} \sqrt{h} \sqrt{h} \sqrt{h} h$
PROJECT NO.: $[0] 3 0 3 0 8 0$ Sample Date: $5/11/2 d$ Temperature: $\overline{38,7}^{(6)}$ / ° c Barometric Pressure: $29.3 2$ "Hg" Has there been significant rain or snow recent to the sampling event? Yes No If Yes to above question; Date(s) Arnount * in. *(www.localfonditions.com) Location Description: Surface Cover: Subsurface Utilities and distance from probe: Potential VOC sources in the vicinity? Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: $\sqrt{40} 0 0 0^{-10} 0^{-10}$ moist wet (do not sample If saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $W - 5^{-10}$ moist wet (do not sample If saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $W - 5^{-10}$ Note: For nested points, add probe details in Comments section, below. Sand Interval: M/A to N/A ft. Benotife/Grout: N/A to ft. Sample Purging Equilibration time between probe installation and purging: Sample Completion / Protection: Sample Depth (ft.) Tubing Diameter: 40 moura/days (48 hours recommended)
PROJECT NO.: $[0] 3 0 3 0 8 0$ Sample Date: $5/11/2 d$ Temperature: $\overline{38,7}^{(6)}$ / ° c Barometric Pressure: $29.3 2$ "Hg" Has there been significant rain or snow recent to the sampling event? Yes No If Yes to above question; Date(s) Arnount * in. *(www.localfonditions.com) Location Description: Surface Cover: Subsurface Utilities and distance from probe: Potential VOC sources in the vicinity? Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: $\sqrt{40} 0 0 0^{-10} 0^{-10}$ moist wet (do not sample If saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $W - 5^{-10}$ moist wet (do not sample If saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $W - 5^{-10}$ Note: For nested points, add probe details in Comments section, below. Sand Interval: M/A to N/A ft. Benotife/Grout: N/A to ft. Sample Purging Equilibration time between probe installation and purging: Sample Completion / Protection: Sample Depth (ft.) Tubing Diameter: 40 moura/days (48 hours recommended)
Has there been significant rain or snow recent to the sampling event? Yes If Yes to above question; Date(s) Arnount * in. *(www.localconditions.com) Location Description: Surface Cover: Subsurface Utilities and distance from probe: Potential VOC sources in the vicinity? Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: $\sqrt{Up} Or - P/O_i$ Sample Zone Soil Type: (circle one): day silt sand) gravel other: Apparent Moisture Content of Sampling Zone (circle one): day moist wet (do not sample if saturated) Borehole Diameter (in.) $5/\sqrt{7}$ Borehole Depth (ft.) $4/\sqrt{7}$ moist wet (do not sample if saturated) Sand Interval: N/A to N/A ft. Benchole Depth (ft.) $4/\sqrt{7}$ ft. Sample Purging Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Diameter: $1/\sqrt{4}$ inch Purging Method: $1/On - protection: ft. ft. min. Yug for purgle purgle purgle Sourface Completion / Protection: ft. gt. ft.$
If Yes to above question; Date(s) Arnount * in. *(www.localconditions.com) Location Description: Surface Cover: Subsurface Utilities and distance from probe: Subsurface Utilities and distance from probe: Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: Var Pile Sample Zone Soil Type: (circle one): day silt sand Apparent Moisture Content of Sampling Zone (circle one): day moist wet (do not sample if seturated) Borehole Diameter (in.) 5/7 Borehole Depth (ft.) 4-5/1 Note: For nested points, add probe details in Comments section, below. Sand Interval: N/A to N/A ft. Bentonite/Grout: N/A to Sample Purging Equibration it me between probe installation and purging: Sample Purging 24 noura/days (48 hours recommended) Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Diameter: 1/4 inch Purging Method: 1000 mi (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) Purging Volume Purged; Purging Volume Purged;
Location Description: Surface Cover: Subsurface Utilities and distance from probe: Potential VOC sources in the vicinity? Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: Var Piu Sample Zone Soil Type: (circle one): day silt sand gravel other: Apparent Moisture Content of Sampling Zone (circle one): day moist wet (do not sample if seturated) Borehole Diameter (In.) 5/7 Borehole Depth (ft.) 4-5/1 Implant Depth (ft.) 2-10/1 Note: For nested points, add probe details in Comments section, below. Sand Interval: N/A to N/A ft. Water Source for bentonite hydration: Delonized? yes no Surface Completion / Protection: Sandpack/Granular Bentonite Pore Volume: mi Tubing Type: 1000 no Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Diameter: 1/4 inch Purging Method: Implant Depth ft. Ft. mi Tubing Diameter: 1/4 inch Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Diameter:
Subsurface Utilities and distance from probe: Potential VOC sources in the vicinity? Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: V@por Pilu Sample Zone Soil Type: (circle one): clay silt sand gravel other: Apparent Moisture Content of Sampling Zone (circle one): day moist wet (do not sample if saturated) Borehole Diameter (in.) 5/7 Borehole Depth (ft.) 4-5// moist wet (do not sample if saturated) Sand Interval: N/A to N/A ft. Bentonite/Grout: N/A to ft. Water Source for bentonite hydration: Surface Completion / Protection: 24 nourd/days (48 hours recommended) Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Diameter: 1/4 inch Purging Method: Note: ft. mi Tubing Diameter: 1/4 inch Volume Purged: 1000 ml Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) min. inch
Potential VOC sources in the vicinity? Distance from probe: ft. Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: V/4 POr Pi/U Sample Zone Soil Type: (circle one): clay silt sand) gravel other: Apparent Moisture Content of Sampling Zone (circle one): dry moist wet (do not sample if saturated) Borehole Diameter (in.) 5/7 Borehole Depth (ft.) 4-5/7 Implant Depth (ft.) Distance from probe ft. Sand Interval: N/A to N/A ft. Water Source for bentonite hydration: Surface Completion / Protection: Delonized? yes ft. Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Length: ft. Tubing Diameter: Y4 inch Purging Method: Gas I promp Pump Rate: mi / cma Purging Duration: -2 min. Volume Purged: GOU ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) Manneter: Y4 inch
Gas Probe / Implant Details Soil Gas Probe / Implant Installation Method: Sample Zone Soil Type: (circle one): Apparent Moisture Content of Sampling Zone (circle one): (ary) Borehole Diameter (In.) $5/7$ Borehole Diameter (In.) $5/7$ Borehole Diameter (In.) $5/7$ Borehole Depth (ft.) $4-5''$ Implant Depth (ft.) $3-4''$ Note: For nested points, add probe details in Comments section, below. Sand Interval: N/A to N/A Water Source for bentonite hydration: Surface Completion / Protection: Sample Purging Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: M/A Tubing Type: Telfon Purging Method: $More for the purgence: M/A Tubing Length: 5/7 Purging Method: More for the purgence: M/A Tubing Length: 5/7 6/7 Purging Method: $
Soil Gas Probe / Implant Installation Method: $\sqrt{4} \sqrt{4} \sqrt{9} \sqrt{9} \sqrt{4} \sqrt{4}$ Sample Zone Soil Type: (circle one): clay silt sand) cravel other: Apparent Moisture Content of Sampling Zone (circle one): dry moist wet (do not sample if saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $4-5''$ Implant Depth (ft.) $2-4''$ Note: For nested points, add probe details in Comments section, below. Sand Interval: N/A to N'/A ft. Water Source for bentonite hydration: Surface Completion / Protection: Deionized? yes no Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Length: ft. Tubing Diameter: $1/4$ inch Purging Method: 1000 mi (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) min.
Sample Zone Soil Type: (circle one): clay silt sand gravel other: Apparent Moisture Content of Sampling Zone (circle one): dry moist wet (do not sample if saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $4-5''$ wet (do not sample if saturated) Implant Depth (ft.) $2-4''$ Note: For nested points, add probe details in Comments section, below. Sand Interval: N/A to N/A ft. Bentonite/Grout: N/A to ft. Water Source for bentonite hydration: Deionized? yes mo Surface Completion / Protection: Sample Purging 24 nours/days (48 hours recommended) Sample Purging Implant Tubing Type: If $eff and$ Tubing Length: ft. Tubing Type: If $eff and$ Tubing Length: ft. Tubing Diameter: 1/4 Purging Method: Implant promp Pump Rate: mil / adap. Purging Duration: 2.4 inch Volume Purged: IOOO mil (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) Implanter Implanter Implanter
Sample Zone Soil Type: (circle one): clay silt sand gravel other: Apparent Moisture Content of Sampling Zone (circle one): dry moist wet (do not sample if saturated) Borehole Diameter (in.) $5/7$ Borehole Depth (ft.) $4-5''$ wet (do not sample if saturated) Implant Depth (ft.) $2-4''$ Note: For nested points, add probe details in Comments section, below. Sand Interval: N/A to N/A ft. Bentonite/Grout: N/A to ft. Water Source for bentonite hydration: Deionized? yes mo Surface Completion / Protection: Sample Purging 24 nours/days (48 hours recommended) Sample Purging Implant Tubing Type: If $eff and$ Tubing Length: ft. Tubing Type: If $eff and$ Tubing Length: ft. Tubing Diameter: 1/4 Purging Method: Implant promp Pump Rate: mil / adap. Purging Duration: 2.4 inch Volume Purged: IOOO mil (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) Implanter Implanter Implanter
Apparent Moisture Content of Sampling Zone (circle one): Borehole Diameter (in.) Implant Depth (ft.) Sand Interval: M/A to M/A ft. Bentonite/Grout: M/A to M/A ft. Bentonite/Grout: M/A to M/A ft. Bentonite/Grout: M/A to M/A ft. Bentonite/Grout: M/A to ft. Deionized? yes m^2 Surface Completion / Protection: Sample Purging Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: Tubing Type: M/A Tubing Length: M/A mi Tubing Method: M/A purging Duration: M/A purging Duratio
Borehole Diameter (in.) Implant Depth (ft.) Sand Interval: M/A to M/A ft. Bentonite/Grout: M/A to ft. Water Source for bentonite hydration: Surface Completion / Protection: Sample Purging Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Type: $Teflow$ Tubing Length: 5 ft. Purging Method: $mi/pomp$ Pump Rate: 6 mi/ $aaap$. Purging Duration: $1-2$ min. Volume Purged: 1000 mi (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
Sand Interval: N/A to N/A ft. Bentonite/Grout: N/A to ft. Water Source for bentonite hydration: Deionized? yes no Surface Completion / Protection: Surface Completion / Protection: Deionized? yes no Sample Purging Equilibration time between probe installation and purging: 24 (nours/days (48 hours recommended)) Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Type: 10 10 Tubing Type: 10 10 Tubing Length: 5 ft. Tubing Diameter: $1/4$ Purging Method: 1000 mi (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) $1-2$ min.
Water Source for bentonite hydration: Deionized? yes Surface Completion / Protection: Sample Purging Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: M/A Tubing Type: Teffon Tubing Type: Teffon Purging Method: 1000 mil (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
Surface Completion / Protection: Sample Purging Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Type: $Teflow$ Tubing Type: $Teflow$ Tubing Length: 5 ft. Purging Method: $hours / days (48 hours recommended) Volume Purged: 1000 Mil (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged) $
Sample Purging Equilibration time between probe installation and purging: 24 (nours/days (48 hours recommended) Sandpack/Granular Bentonite Pore Volume: M/A mi $Z4$ (nours/days (48 hours recommended) Tubing Type: $Teffon$ Tubing Length: 5 ft. Tubing Diameter: $1/4$ inch Purging Method: $hours / iphrim p$ Pump Rate: 6 ml / case. Purging Duration: $1-2$ min. Volume Purged: 1000 ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
Equilibration time between probe installation and purging: Sandpack/Granular Bentonite Pore Volume: Tubing Type: 1effon Purging Method: 1ouv 1 ipnimp Volume Purged: 1ouv 1 ipnimp Pump Rate: 1ouv 1 ipnim
Sandpack/Granular Bentonite Pore Volume: M/A mi Tubing Type: $Teffon$ Tubing Length: 5 ft. Tubing Diameter: $1/4$ inch Purging Method: $how J_i phim p$ Pump Rate: 6 ml / $adds$. Purging Duration: $1-2$ min. Volume Purged: 1000 ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
Tubing Type: Teflow Tubing Length: 5 ft. Tubing Diameter: 1/4 inch Purging Method: $how l \ ip m p$ Pump Rate: 6 ml / colspan="2">min. Volume Purged: OOO ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
Purging Method: how 1 jon mp Pump Rate: 6 ml / state. Purging Duration: -2 min. Volume Purged: 000 ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
Volume Purged: OOO ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
PID / FID at initial Purge: 0.3 ppm PID / FID at Sample Collection: O_2O_2 ppm
Leak Test Prior to Sample Collection? (Ves) No Method Winter / Clav
Hellum Tracer Test Tracer Compound: I felium Instrument: Party balloon Tank
Tracer Concentration, Test 1 Shroud (4,2 ppm,%) Probe/ (50 ppm)%
Tracer Concentration, Test 2 Shroud (, 9 ppm/%) Probe () (ppn)/%
Tracer Concentration, Test 3 Shroud 2.0 ppm/%) Probeppm/%
Vacuum Shut-in Test
Start Time: 2138 Vacuum: 20 "Hg Stop Time: 2142 Vacuum: 20 "Hg
Sample Collection
Sample Container (circle one): (1) 6L Other:
Flow Controller (circle one): 100 ml/min 200 ml/min Other:
Start Time: 2214 Vacuum: 38 "Hg Stop Time: 2219 Vacuum: 3/3 "Hg
Split Sample? (Yes) No Describe Split Method:
comments: Outside tempsi 540F, 55-1
Form Completed By: Jered Newson's Date: 5/11/22

,

8

100

	 FIELD DATA FORM: SOIL GAS IMPLANT METHOD	

.

PROJECT NAME: Simple + - Snown Stile Sample 10: 55-2-220511
PROJECT NAME: <u>Simple + - Snowy side</u> Sample ID: <u>55-2-22051</u> PROJECT NO.: <u>10302082</u> Sample Date: <u>5/11/22</u>
Temperature: $\delta \rho_{eff} / \rho_{eff} / \rho_{eff}$ Barometric Pressure: $\gamma q_{eff} / \eta_{eff} / \eta_{eff}$
Has there been significant rain or snow recent to the sampling event? Yes (Nor If Yes to above question: Date(s) Amount * in. *(www.localconditions.com)
Subsurface Utilities and distance from probe:
Potential VOC sources in the vicinity? Distance from probe: ft.
Gas Probe / Implant Details
Soil Gas Probe / Implant Installation Method:
Sample Zone Soil Type: {circle one}: clay silt sand gravel other:
Apparent Moisture Content of Sampling Zone (circle one):
Borehole Diameter (in.) $\frac{278}{2}$ Borehole Depth (ft.) $4-5^{22}$
Implant Depth (ft.) $3-U''$ Note: For nested points, add probe details in Comments section, below.
Sand Interval: to ft. Bentonite/Grout: to ft.
Water Source for bentonite hydration: Delonized? yes (no)
Surface Completion / Protection:
Sample Purging
Equilibration time between probe installation and purging:
Sandpack/Granular Bentonite Pore Volume: <u>N//4</u> ml
Tubing Type: $1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 $
Purging Method: hand prop Pump Rate: 16 ml/min. Purging Duration: min.
Volume Purged: [000] ml (Refer to Table 2 on page 13 of guidance for assistance with calculating volume purged)
PID / FID at initial Purge: G_{4} ppm PID / FID at Sample Collection: O_{1} ppm
Leak Test Prior to Sample Collection? (Yes) No Method <u>Clay/Water</u>
Helium Tracer Test Tracer Compound: Helium Instrument: Dielectric
Tracer Concentration, Test 1 Shroud 5 ppm(%) Probe 400 (ppm)/%
Tracer Concentration, Test 2 Shroud 4 ppm/%) Probe 250 (ppm)%
Tracer Concentration, Test 3 Shroud Shroud ppm/%) Probe 450 ppm/%
Vacuum Shut-in Test
Start Time: <u>2042</u> Vacuum: 25 "Hg Stop Time: <u>2044</u> Vacuum: 25 "Hg
Sample Collection
Sample Container (circle one):
Flow Controller (circle one): 100 ml/min (200 ml/min) Other:
Start Time: 2058 Vacuum: 29 "Hg Stop Time: 2102 Vacuum: 2 "Hg
Split Sample? Yes No Describe Split Method:
Comments: Outside, temp: 54°F, 55-2
Form Completed By: Jered Newsomb Date: 5/11/22,

Si	te Name / Address: John Jimplet - Junnyside / 300 1st st. Junny Jule WI
	impling Location / Address: NW of Ware house
C	boratory & Analytical Method: <u>TO-15</u> Method of Delivery: <u>Fred Ex</u> (Courier, UPS, delivered by sampler, etc.)
La	boratory & Analytical Method: <u>TO-15</u> (Courier, UPS, delivered by sampler, etc.)
Sa	Impling Team Members: Jored Newcomb, Tyler Allen
	et with resident/business on (date) <u>\$/10/7027</u> to provide information on VOC inventory and sampling oss-contamination concerns. If not, explain why:
In	door Air Samples
Sa	Imple ID #: <u>IA-WI-20220511</u> Canister ID #: <u>007618</u> Regulator ID # <u>006466</u>
	art: Date: <u>5/11/2022</u> Time: <u>2308</u> Initial canister vacuum: <u>30</u> mm Hg
	nd: Date: <u>5/12/2022</u> Time: <u>0641</u> Final canister vacuum: <u>4</u> mm Hg
Re	egulator Calibrated for: 8 hr 🔆 24 hr grab (no regulator)
Ca	nister/ Regulator Leak Checked: Yes No
S	ub-Slab Samples
Sa	Imple 1D #: Canister ID #: Regulator ID #
Si	ze of canister: Thickness of sub-slab (inches) Port install time:
Sa	Initial canister vacuum: mm Hg
Sa	mpling End: Date: Time: Final canister vacuum: mm Hg
Re	egulator Calibrated for: 8 hr 24 hr grab (no regulator)
Ca	nister/ Regulator Leak Checked: Yes No Sub-Slab Port Leak Checked: Yes No
Ту	pe of sub-slab port: Swagelok Vapor Pin:
Su	b-Slab Port Installed by: Sub-Slab Port Sealed: Yes No
PI	D-Reading: VOC ppb % 02 PID ID#:

Note: If a diagram of the sample location(s) is sketched on the back of this data sheet, check here

NA

General Information								
Site Name / Address: Simplet - Sunnyside / 300 1st St. Sunnyside WA								
Sampling Location / Address: SW of Workhowse (if other than site address)								
Contact Name: Jered Newcomb Phone: 509-899-4371								
Laboratory & Analytical Method: 10-15 (Courier, UPS, delivered by sampler, etc.)								
Sampling Team Members: Jerred Newromb, Tyler Allen								
Met with resident/business on (date) $\frac{5/10/202}{5/20}$ to provide information on VOC inventory and sampling cross-contamination concerns. If not, explain why:								
Indoor Air Samples								
Sample ID #: $1A - \sqrt{2} - 2\partial 2\partial 5l$ Canister ID #: $0l(87)$ Regulator ID # 007824 Start: Date: $5/l/2022$ Time: $23l0$ Initial canister vacuum: 30 mm Hg End: Date: $5/l2/2022$ Time: 0650 Final canister vacuum: 4 mm Hg								
Regulator Calibrated for: 8 hr <u>×</u> 24 hr <u>grab (no regulator)</u> Canister/ Regulator Leak Checked: Yes <u>No</u>								
Sub-Slab Samples								
Sample ID #: Canister ID #: Regulator ID #								
Size of canister: Thickness of sub-slab (inches) Port install time:								
Sampling Start: Date: Time: Initial canister vacuum: mm Hg								
Sampling End: Date: Time: Final canister vacuum: mm Hg								
Regulator Calibrated for: 8 hr 24 hr grab (no regulator)								
Canister/ Regulator Leak Checked: Yes No Sub-Slab Port Leak Checked: Yes No								
Type of sub-slab port: Swagelok Vapor Pin:								
Sub-Slab Port Installed by: Sub-Slab Port Sealed: Yes No								
PID Reading: VOC ppb % 02 PID ID#:								

NOTES: (sampler/canister problems, other significant sampling details, or FSOP deviations)

Note: If a diagram of the sample location(s) is sketched on the back of this data sheet, check here

General Information 89.6°F 29.33 in Hy
Site Name / Address: Simplet-Sunnyside / 300 1st St. Sunnyside WA
Sampling Location / Address: Mcdular building (if other than site address)
Contact Name: Jered Newcomb Phone: 509-899-4371
Laboratory & Analytical Method: <u>TO-F5</u> (Courier, UPS, delivered by sampler, etc.)
Sampling Team Members: Jered Newcomb, Tyler Allen
Met with resident/business on (date) <u>5/10/2022</u> to provide information on VOC inventory and sampling cross-contamination concerns. If not, explain why:
Indoor Air Samples
· · · · · · · · · · · · · · · · · · ·
Sample ID #: <u>IA-M-20220511</u> Canister ID #: <u>CA-M-20220511</u> Canister ID #: <u>CA-M-20200511</u> Canister ID #: <u>CA-M-2000010000000000000000000000000000000</u>
Start: Date: $\frac{5/(1/2027)}{1000}$ Time: $\frac{3229}{1000}$ Initial canister vacuum: 30 mm Hg
End: Date: <u>5/12/2022</u> Time: <u>710</u> Final canister vacuum: <u>3</u> mm Hg
Regulator Calibrated for: 8 hr <u> </u>
Canister/ Regulator Leak Checked: Yes No @ Lab
Sub-Slab Samples
Sample ID #: Canister ID #: Regulator ID #
Size of canister: Thickness of sub-slab (inches) Port install time:
Sampling Start: Date: Time: Initial canister vacuum: mm Hg
Sampling End: Date: Time: Final canister vacuum: mm Hg
Regulator Calibrated for: 8 hr 24 hr grab (no regulator)
Canister/ Regulator Leak Checked: Yes No Sub-Slab Port Leak Checked: Yes No
Type of sub-slab port: Swagelok Vapor Pin:
Sub-Slab Port Installed by: Sub-Slab Port Sealed: Yes No
PID Reading: VOC ppb % 02 PID ID#:

NOTES: (sampler/canister problems, other significant sampling details, or FSOP deviations)

Note: If a diagram of the sample location(s) is sketched on the back of this data sheet, check here

General Information \$9.6°F 29,33 in Hg
Site Name / Address: Simplet - Junnyside / 300 1st St. Junnyside WA
Sampling Location / Address: Modular building (if other than site address)
Contact Name: <u>Jered Newrowb</u> Laboratory & Analytical Method: <u>TU-15</u> Method of Delivery: <u>Fed Ex</u>
Laboratory & Analytical Method: $\underline{TO-15}$ Method of Delivery: $\underline{Fed Ex}$ (Courier, UPS, delivered by sampler, etc.)
Sampling Team Members: Jered New comb
Met with resident/business on (date) $\frac{5/10/200}{10}$ to provide information on VOC inventory and sampling cross-contamination concerns. If not, explain why:
Indoor Air Samples
Sample ID #: $DA - DUP - 202205II$ Canister ID #: $D20008$ Regulator ID # 005883 Start: Date: $5/11/2022$ Time: 2330 Initial canister vacuum: 30 mm Hg End: Date: $5/12/2022$ Time: 715 Final canister vacuum: 3 mm Hg Regulator Calibrated for: 8 hr \times 24 hr grab (no regulator) Canister/ Regulator Leak Checked: Yes No $CLab$
Sub-Slab Samples
Sample ID #: Canister ID #: Regulator ID #
Size of canister: Thickness of sub-slab (inches) Port install time:
Sampling Start: Date: Time: Initial canister vacuum: mm Hg
Sampling End: Date: Time: Final canister vacuum: mm Hg
Regulator Calibrated for: 8 hr 24 hr grab (no regulator)
Canister/ Regulator Leak Checked: Yes No Sub-Slab Port Leak Checked: Yes No
Type of sub-slab port: Swagelok Vapor Pin:
Sub-Slab Port Installed by: Sub-Slab Port Sealed: Yes No
PID Reading: VOC ppb % 02 PID ID#:

NOTES: (sampler/canister problems, other significant sampling details, or FSOP deviations)

Note: If a diagram of the sample location(s) is sketched on the back of this data sheet, check here raket

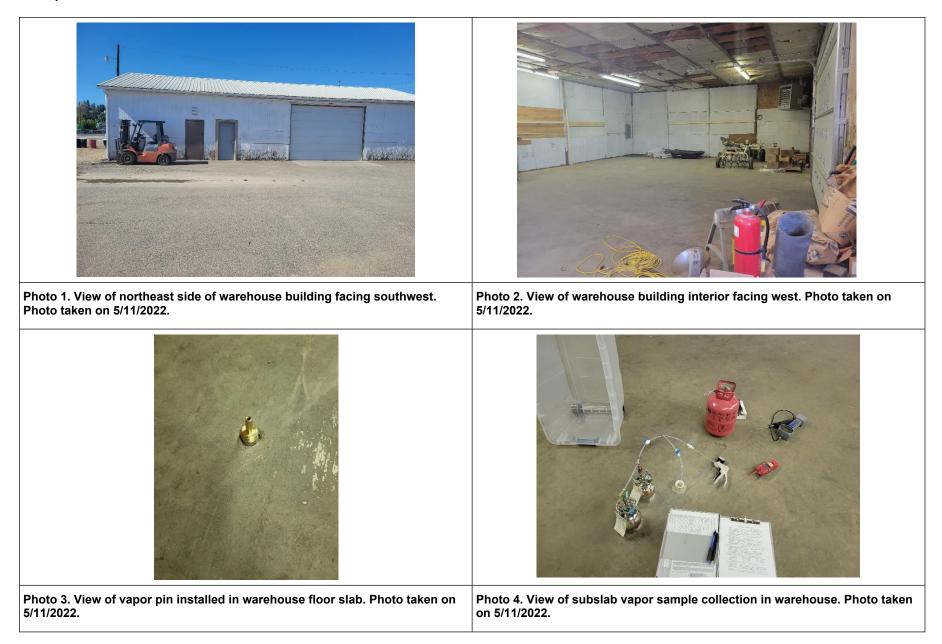
General Information 56.7°F 29.33 in Hy
Site Name / Address: Simplet-Summissile / 300/st)t. Sunnyille WA
Sampling Location / Address: Crawl spuce of modular puilding
Contact Name: <u>Jered Newround</u> Phone: <u>509-899-4371</u>
Laboratory & Analytical Method: $\underline{TO-(5)}$ Method of Delivery: $\underline{Fed Ex}$ (Courier, UPS, delivered by sampler, etc.)
Sampling Team Members: Jesed Newcomb, Tyler Allen
Met with resident/business on (date) $\frac{5/10/202}{10/202}$ to provide information on VOC inventory and sampling cross-contamination concerns. If not, explain why:
Indoor Air Samples
Sample ID #: Canister ID #: 0[2207 Regulator ID # 005882
Start: Date: $\frac{5/11/2022}{2022}$ Time: 2340 Initial canister vacuum: 30 mm Hg
End: Date: $5/12/2022$ Time: 725 Final canister vacuum: 0 mm Hg
Regulator Calibrated for: 8 hr <u>×</u> 24 hr grab (no regulator)
Canister/ Regulator Leak Checked: Yes No
Sub-Slab Samples
Sample ID #: Canister ID #: Regulator ID #
Size of canister: Thickness of sub-slab (inches) Port install time:
Sampling Start: Date: Time: Initial canister vacuum: mm Hg
Sampling End: Date: Time: Final canister vacuum: mm Hg
Regulator Calibrated for: 8 hr 24 hr grab (no regulator)
Canister/ Regulator Leak Checked: Yes No Sub-Slab Port Leak Checked: Yes No
Type of sub-slab port: Swagelok Vapor Pin
Sub-Slab Port Installed by: Sub-Slab Port Seated: _Yes No
PID Reading: VOC ppb % 02 PID ID#:

NOTES: (sampler/canister problems, other significant sampling details, or FSOP deviations)

Note: If a diagram of the sample location(s) is sketched on the back of this data sheet, check here

General Information	
Site Name / Address: Stimplet - Sunnyside 3	00 1st st. Sunny side WA
	near gate Arress
Contact Name: Jered Newcowb	Phone:
Laboratory & Analytical Method:	Method of Delivery:
Sampling Team Members:	· · · · · · · · · · · · · · · · · · ·
Met with resident/business on (date) <u>ち/(0/2022</u> to cross-contamination concerns. If not, explain why:	
Indoor Air Samples	יוו קדע
Sample ID #: $\underline{AMB} - \underline{202050}$ Canister ID #: Start: Date: $\underline{5/12}/2022$ Time: $\underline{500}$ End: Date: $\underline{5/12}/2022$ Time: Regulator Calibrated for: 8 hr \underline{MK} 24 hr Canister/ Regulator Leak Checked: Yes No	7.35 Initial canister vacuum: <u>28</u> mm Hg Final canister vacuum: <u>分</u> mm Hg grab (no regulator) <u>X</u>
Sub-Slab Samples	
Sample ID #: Canister ID #: Size of canister: Thickness of sub-slab	(inches) Port install time:
Sampling Start: Date: Time:	
Sampling End: Date: Time: Regulator Calibrated for: 8 hr 24 hr	Final canister vacuum: mm Hg
Canister/ Regulator Leak Checked: Yes No	✓ grab (no regulator) ✓ Sub-Slab Port Leak Checked: Yes No
Type of sub-slab port: Swagelok	Vapor Rin:
Sub-Slab Port Installed by:	
PID Reading: VOC ppb % 02	
NOTES: (sampler/canister problems, other signif	icant sampling details, or FSOP deviations)

Note: If a diagram of the sample location(s) is sketched on the back of this data sheet, check here



Phase 3 Remedial Investigation Report Simplot Growers Solutions, Sunnyside, WA January 2023

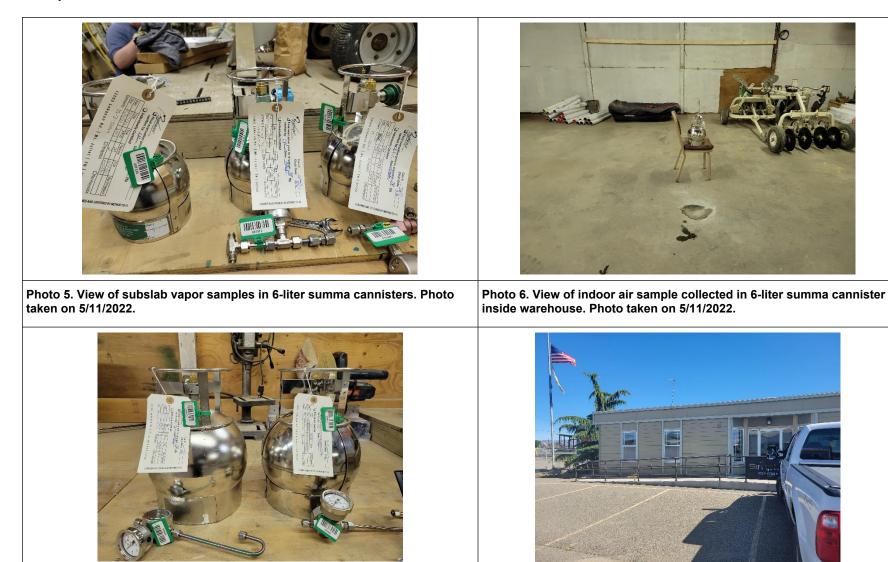
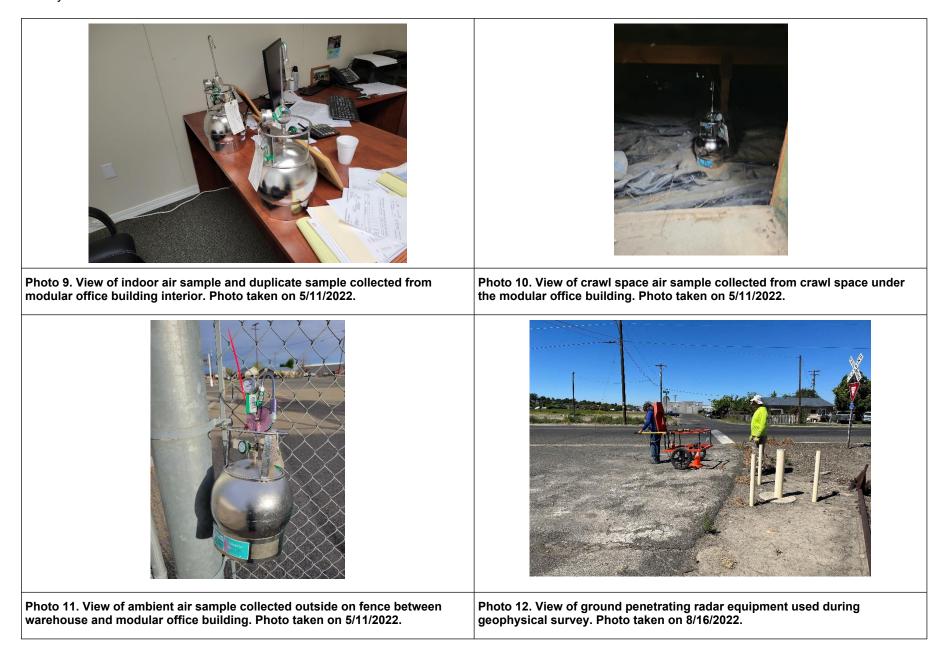


Photo 8. View of southwest side of modular office building exterior facing northeast. Photo taken on 5/11/2022.

Photo 7. View of indoor air samples collected from warehouse in 6-liter summa cannisters. Photo taken on 5/11/2022.

Phase 3 Remedial Investigation Report Simplot Growers Solutions, Sunnyside, WA January 2023





Phase 3 Remedial Investigation Report Simplot Growers Solutions, Sunnyside, WA January 2023





August 26, 2022

HDR 2022-08-26 (TDEMI GPR DC)

RE: GEOPHYSICAL SITE INVESTIGATION TDEMI, GPR, DC - 300 S $1^{\rm ST}$ ST. SUNNYSIDE, WA

Based on the project objective to screen the site for suspect UST's, buried debris, utilities, and other unknown aspects of the site, a time domain electromagnetic induction (TDEMI/Geonics EM61) and ground penetrating radar (GPR) surveys were performed. In addition, two DC resistivity tests were performed to characterize soil electrical properties to a depth of 40 ft.

Introduction

Locating underground storage tanks, buried waste, debris, drums, foundations, and utilities are among the most popular applications of geophysics. Basic questions relating to the location and distribution of waste and objects can typically be addressed in a straightforward manner with confident results. Most often, magnetic field, electromagnetic induction (EMI), and/or ground penetrating radar (GPR) surveys are performed depending on the project objective and site conditions.

To screen the site for suspect UST's, buried debris, utilities, and other unknown aspects of the site, a time domain electromagnetic induction (TDEMI/Geonics EM61) and ground penetrating radar (GPR) surveys were performed.



Figure 1. Project area. GPR survey area (white)

Conclusions

- 1) no evidence of UST(s) found
- 2) limited areas of buried debris
- 3) unknown utility identified
- 4) disturbed/debris zone (TDEMI and GPR)

Scope and Technical Approach

Geonics EM-61 (TDEMI)

TDEMI methods are very sensitive, provide high spatial resolution, and perform well in a wide range of soil conditions. Mapping the location of even a very small amount of metal is a reliable approach to mapping the distribution buried debris on a site. An electromagnetic response in generated by inducing current into the ground using a square wave pulse. The imposed field is then removed and the responding field decay is measured and recorded. The amplitude of the response is proportional to the surface area of metal present within the field of influence. The signal amplitude and location are recorded and a map showing the distribution of metal, both surface and buried found at the site is produced.



Figure 2. Geonic EM61 Time Domain Metal Electromagnetic Induction Metal Detector **TDEMI**)

Sage Earth Science surveyed the subject area on an 8" data spacing by 40" profile spacing (0.2 meter data spacing by 1 meter profile spacing)

data grid resulting in a high-resolution map showing the distribution of metal debris both surface and buried.

Ground Penetrating Radar

The GPR method utilizes a reflected electromagnetic pulse to identify subsurface features. An impulse is transmitted from an antenna on the surface. The impulse is then reflected off underground features and objects with electrical properties that vary from the surrounding materials such as metal, non-metal objects, utilities, geologic contrasts, and voids. The reflected pulse is received back at the surface and is recorded and displayed for analysis.

Using a Geophysical Survey Systems SIR-2000 and 400 MHz antenna, profiles were acquired across a portion of the site as shown if figure 1. Profiles were spaced 1 meter apart providing virtually continuous coverage in the survey area

Results

The following map shows the distribution of metal both surface and buried. Yellow/green show areas of low signal response. Red/maroon shows areas of high amplitude response indicating the presence of metal. Significant features are annotated

Glen Carpenter / principal

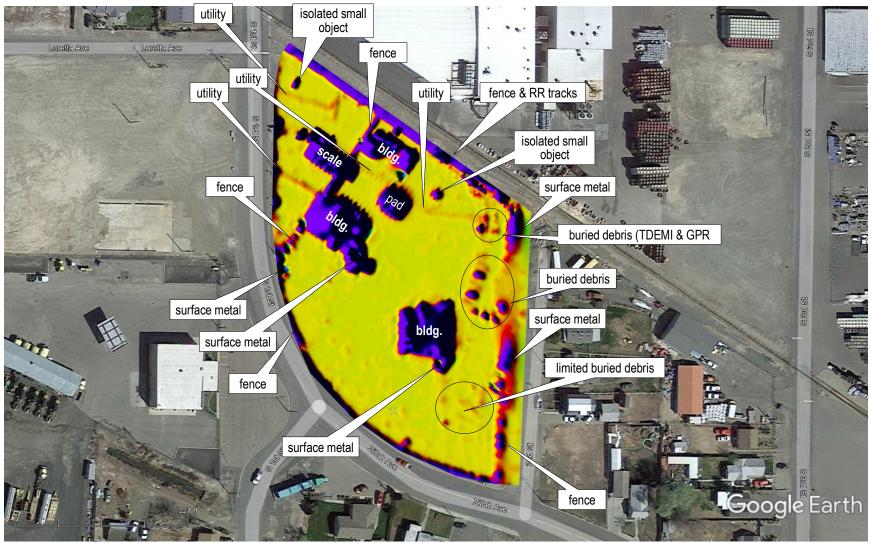


Figure 3. TDEMI anomaly map (0% transparency)

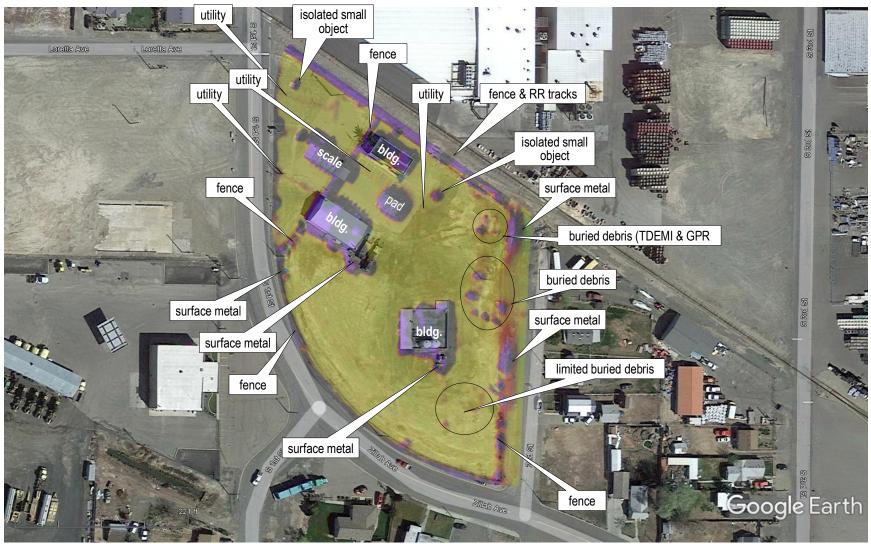


Figure 4. TDEMI anomaly map (70% transparency)



Figure 5. TDEMI anomaly map (100% transparency)

Representative/significant GPR profile (concrete pad)



Figure 6 GPR profile location (red)

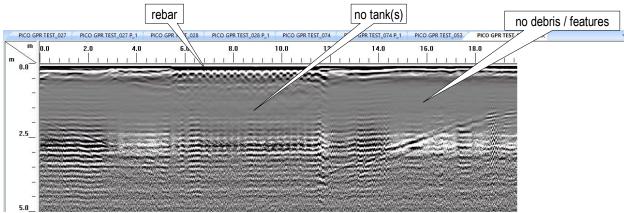
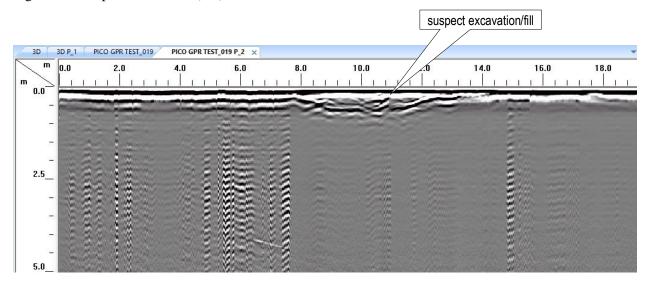


Figure 7. Concrete pad (rebar, no tank beneath pad)

Representative/significant GPR profile (suspect excavation)



Figure 8. GPR profile location (red)



In Situ Soil Resistivity Tests (Wenner 4-pin)

Resistivity properties are obtained by introducing a DC or low frequency electrical current into the ground and measuring the potential drop between electrodes over a range of electrode spacings. Sage Earth Science conducted 2 in-situ earth resistivity tests at the site. At each test location, measurements over a range of spacings were made and in accordance IEEE and ASTM standards for performing Wenner 4-pin resistivity measurements and Sage Earth Science Standard Operating Procedures were performed. For each test location, two perpendicular arrays were conducted.

Sage Earth Science Standard Operating Procedures (SOP's) call for daily field calibration checks using a series of standard calibrated resistors. Procedures outline the recommended practice regarding selection of the test location and array alignment. According to procedure, both potential and current cables are fully removed from storage spools to prevent inductive resistance within current cables and to enhance field logistics handling both current and potential cables. Care is taken to maintain a separation of 5-10 feet between current and potential cables. Maximum pin depth is maintained to less than 10% of pin spacing. Procedures outline recommended practices if electrode contact resistance is excessively high. Steps can include wetting of electrodes and the placement of multiple closely spaced electrodes. Such steps are typically only required at very large pin spacing or with very high contact resistance and were not used at this site.

Test locations were positioned to avoid known utilities, buried debris, and concrete or asphalt surfaces. Test measurements were performed using an L&R Ultra MiniRes.



9 | P a g e

100 (Ω-ft) Ра 10 10 100 a-spacing (ft)

	arr	ay orientation	N	/S	E	/W	
a-spc (ft)	mn/2	ab/2	Ω-R	ρa Ω-ft	Ω-R	ρa Ω-ft	comment
1	0.5	1.5	5.162	32.4	4.571	28.7	
2	1	3	2.185	27.5	2.772	34.8	
3	1.5	4.5	1.653	31.2	2.074	39.1	
5	2.5	7.5	0.673	21.1	0.903	28.4	
7	3.5	10.5	0.415	18.3	0.542	23.8	
10	5	15	0.296	18.6	0.308	19.4	
15	7.5	22.5	0.252	23.8	0.226	21.3	
20	10	30	0.222	27.9	0.208	26.1	
50	25	75	0.149	46.8	0.171	53.7	

Calib

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190.0 Ω / 190.0 milli Ω (±1%)

Comments (surface conditions, soil grain size, topography, foliage, electrode contact etc.)

flat, compacted, graded, rocky surface with fine grained material immediately beneath

generally very good electrode plants

1,000

<u>GE EARTH SCIENCE</u> Test Point Project Sunnyside, WA 1 18.999 Ω / 19.00 Ω (±1%) 8/16/2022 Temp (^of) Calib 88 Date Calib 1900 Ω / 1900 milli Ω (±1%) 1300 Operator GSC Time

Model - S/N L&R MiniRes s/n 103

Precip previous 7 days **0 inches**

GEOPHYSICAL SURVEYS

Wenner

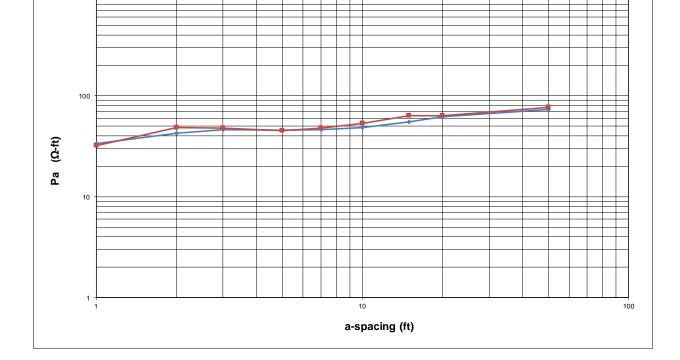
clear calm

(pa=2πRa)

array

weather

10 | P a g e



Comments (surface conditions, soil grain size, topography, foliage, electrode contact etc.)

flat, compacted, graded, rocky surface with fine grained material immediately beneath

generally very good electrode plants

1,000

array orientation		N/S		E/W			
a-spc (ft)	mn/2	ab/2	Ω-R	ρa Ω-ft	Ω - R	ρa Ω-ft	comment
1	0.5	1.5	5.333	33.5	5.127	32.2	
2	1	3	3.373	42.4	3.844	48.3	
3	1.5	4.5	2.436	45.9	2.552	48.1	
5	2.5	7.5	1.444	45.4	1.440	45.2	
7	3.5	10.5	1.052	46.3	1.083	47.6	
10	5	15	0.767	48.2	0.848	53.3	
15	7.5	22.5	0.588	55.4	0.670	63.1	
20	10	30	0.493	62.0	0.505	63.5	
50	25	75	0.233	73.2	0.243	76.3	

Precip previous 7 days **0 inches**

Test Point Project Sunnyside, WA 2 Calib 18.999 Ω / 19.00 Ω (±1%) 8/16/2022 Temp (^of) 90 Date Operator GSC Calib 1900 Ω / 1900 milli Ω (±1%) 1400 Time Calib 190.0 Ω / 190.0 milli Ω (±1%) array Wenner (pa=2πRa) clear calm Model - S/N L&R MiniRes s/n 103

GE EARTH SCIENCE

GEOPHYSICAL SURVEYS

weather