







Low-Flow Groundwater Sampling Form Mer-PI 30th 51 Sample date 12/15/20 Well ID Project number and name Sampling personnel **Samples Collected** Sampling Information Field values at time of sample collection: Well location description: Time: 730 VOCs 8260 Depth to water: Initial depth to water **SVOCs 8270** Sp.Cond. mS/cm Sample intake depth **Well Construction** Pump type and ID VPH DO mg/L Well diameter ORP Stabilized flow rate Well measurement point Metals Stabilized flow rate = flow rate with no further drawdown Roadbox condition °C **PCBs** Well screen interval Other Turb. Well depth Well Volume Conversion: Cumulative Volume Water Temp. Sp.Cond. D.O. pH Turb. Sample Information: Diam. (in) Factor (gal/ft) (NTU) (°C) (mS/cm) (mg/L) (s.u.) (mV) Time (min.) (gal) depth (ft) MW-PI 0.04 5 to 7 100 to +500 aim for <10 Sample ID Typical Groundwater Values 5 to 15 0.05 to 5 0 to 4 392 821 607 8.27 0.09 920 4.07 8.22 204 320 0.16 736 Sample Time: 211 24 0.65 140 8.09 213 Color: 1.50 345 7.99 139 well volume = 215 850 7,94 149 3.14 x (r)^2 x 7.48 gal/ft Turbidity: 855 2,00 2.70 7,91 210 139 where r = 1/2 diameter in ft 400 Field Filtered YES / NO Analyses: 29 Stabilization Criteria: 16,77 227 16.09 2,88 7,85 4 Sp.Cond. +/- 3% 910 Filter type: 287 215 62. DO +/- 10% 16.7/ 7.82 ORP +/- 10 mV 16.96 7 40 Odor/Sheen/NAPL pH +/- 0.1 Std Units Temp. +/- 3% Duplicate Collected YES / NO Turb. +/- 10% if values >1 NTU If yes, duplicate ID: Purge water disposal? drummed other: to ground Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data). 5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM Notes:

							Low-	Flow Groundwate	r Sampling Form		-	22	
Project numb	er and name	3	oth	Stree	Recl	Sik	Sampling pe	ersonnel	B. Frichell	Sample date	12/15/20 Well I	D MOJ-P?	
Well location description:		30A SI			Sampling Information		23,75 Time: 10		Samples Collected VOCs 8260	Field valu	Depth to water:		
				***************************************	Sample intake depth		23.75 Time: 16		SVOCs 8270	Sp.Cond.	mS/cm	m	
Well diameter Well measurement point Roadbox condition Well screen interval		July of PVC ok							VPH	DO.	mg/L		
					Pump type ar	nd ID				ORP	mV		
					Stabilized flov	v rate			EPH -				
					Stabilized flov	v rate = flow			Metals	pH	s.u.		
									PCBs	Temp.	°C		
Well depth									Other	Turb.	NTU		
Cumulative	Volume	Water	Temp.	Sp.Cond.	D.O.	рН	ORP	Turb.	Sample Information:			Well Volume Conversion:	
Time (min.)	(gal)	depth (ft)	(°C)	(mS/cm)	(mg/L)	(s.u.)	(mV)	(NTU)		M1 02		Diam. (in) Factor (gal/ft)	
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON	ndwater Valu	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	5 to 15	0.05 to 5	0 to 4	5 to 7		aim for <10	Sample ID	MW-P2 1150		1 0.04	
035		no char	16,49	1.18	6160	7.99	209	236		1150		2 0.16	
040			16,76	613	6,63	301	18	476	Sample Time:	1		4 0.65	
045			6,84	1.17	6.58	8.06	188	0.0	Color:	Clear		6 1,50	
056		-	17.07	124	6.55	8.07	190	0.0	Color,			well volume =	
106			11.19	1.25	6.60	808	194	0.0	Turbidity:			3.14 x (r)^2 x 7.48 gal/ft	
105			12.19	125	6.71	8:08	201	488				where $r = 1/2$ diameter in f	
10			17.16	1.26	6.70	8,09	20	8007	Field Filtered YES / NO	Analyses:		Stabilization Criteria:	
15	- 1		1715	427	6,59	8.09	45	746				Sp.Cond. +/- 3%	
120			1713	1.2%	6.6.5	8.09	221	590	Filter type:			DO +/- 10%	
125	74%		17,27	1.26	6.01	8,09	226	391	Odor/Sheen/NAPL			ORP +/- 10 mV	
130			17.22	1.27	576	8,04	256	305	Odor/Sneen/NAPL			pH +/- 0.1 Std Units	
135		1/	11.2	1.24	6712	2.10	284	220	Duplicate Collected YES /	(1) 4 MS	Msc	Temp. +/- 3%	
1146	************		11:22	1,26	6,83	STREET, SQUARE, SQUARE	286	284		•	•	Turb. +/- 10% if values >1	
156	5-gul		1423	1.26	6,82	8.11	237	204	If yes, duplicate ID:				
									Purge water disposal?	to ground	drimmed other	9f:	
									Guldance:				
									Position tubing at midpoint of saturated screened interval Minimize drop in water level and purge until parameters are stable				
					-		-						
::::									3 Disconnect flow thru	cell during samp	ing		
									4 Call Project Manage	if issues arise (e	.g. stabilization takes	more than 2 hrs,	
								111 400	well goes dry, odd data).				
lotes:								No. bu	5 For VPH and VOC sam	oles, if stabilization t	low rate is less than 200	ml/min, contact PM	

Low-Flow Groundwater Sampling Form Sample date 12/9 (20 MW-P3 37-24/28 30th St Bohnski 1800522 Well ID Michae Sampling personnel Project number and name Field values at time of sample collection: Soil area Samples Collected Well location description: Sampling Information 29.40 Time: 0838 Old Ridge Road Depth to water: along VOCs 8260 Time: Initial depth to water mS/cm Sample Intake depth SVOCs 8270 Sp.Cond. **Well Construction** Pine #42952 Peristaltic Pump type and ID DO Well diameter Stabilized flow rate ORP Well measurement point = 2.16 991 Good Stabilized flow rate = flow rate with no further drawdown Metals Roadbox condition PCBs Temp. Well screen interval 33,9' Turb. Other Well depth Well Volume Conversion: Sample Information: Cumulative ORP Turb. Volume Water Sp.Cond. D.O. Temp. Diam. (in) Factor (gal/ft) (NTU) Time (min.) (gal) depth (ft) (°C) (mS/cm) (mg/L) (s.u.) (mV) MW-P3 0.04 Sample ID -100 to +500 aim for <10 Typical Groundwater Values 5 to 15 0.05 to 5 0 to 4 5 to 7 0.09 .39 19.2 1.37 8,32 16.11 0855 0.16 23.0 Sample Time: 0900 1,35 8,32 7.42 280 0.65 8.29 0905 45 51.0 1,36 7.40 274 42.4 1,34 8.14 Color: 0910 well volume = 7.45 10.9 0915 29.30 1,35 8,20 16.45 3.14 x (r)^2 x 7.48 gal/ft 0920 1,35 8.30 7.39 274 Turbidity: where r = 1/2 diameter in R Field Filtered YES / NO Analyses: Stabilization Criteria: Sp.Cond. +/- 3% Filter type: DO +/- 10% ORP +/- 10 mV Odor/Sheen/NAPL pH +/- 0.1 Std Units Temp. +/- 3% Duplicate Collected YES NO Turb. +/- 10% if values >1 Mills DUP20201209 If yes, duplicate ID: drummed other: Purge water disposal? to ground Guidance: 1 Position tubing at midpoint of saturated screened interval 2 Minimize drop in water level and purge until parameters are stable 3 Disconnect flow thru cell during sampling 4 Call Project Manager if issues arise (e.g. stabilization takes more than 2 hrs, well goes dry, odd data). 5 For VPH and VOC samples, if stabilization flow rate is less than 200 ml/min, contact PM Notes:

100			1				Low-f	low Groundw	ater Sampling Form			011	
roject numb	er and name	180	0522	37-241	28 30+	St.	Sampling pe	rsonnel	Michael Bohnsk	Sample date	12/9/20 W	MW-PL	
Well location description: Along Old R Well Construction Well diameter Well measurement point Roadbox condition Well screen interval		2" Soil proded 25'-35'			Sampling Information		26.90 Time:		Samples Collect VOCs 8260	X Time:	lues at time of sample co	Depth to water:	
					Sample Intake	depth			SVOCs 8270 VPH	× Sp.Com			
					Pump type an	id ID	Peristaltic				m		
					Stabilized flow rate				EPH	ORP	m		
					Stabilized flov	v rate = flow i	rate with no further drawdow		1 Metals	× pH	8.1		
									PCBs	× Temp.	***************************************	°C	
Vell depth		33	2.70	-					Other	Turb.	N	U	
Cumulative Time (min.)	Volume (gai)	Water depth (ft)	Temp.	Sp.Cond. (mS/cm)	D.O. (mg/L)	pH (s.u.)	ORP (mV)	Turb. (NTU)	Sample Information:	10	•	Well Volume Conversion: Diam. (in) Factor (gal/ft) 1 0.04	
	ndwater Value		5 to 15	0.05 to 5	0 to 4	5 to 7	-100 to +500	aim for <10	Sample ID	MW-P4		1.5 0.09	
1210	1-94/	28 AO	17.08	0.00	5.45	2.7/	255	88.6	Sample Time:	1236		2 0.16	
1215	2	28.95	17.11	0.939	3,51	7.71	256	36.9	Color:	Cha		4 0.65 6 1.50	
1220	2.25	28.97	17.16	0,969	5.17	7.69	258	12.1	Color;			well volume =	
1250	3,5	29.03	17.12	6.99	5.04	7.63	259	9,9	Turbidity:	9,9		3.14 x (r)^2 x 7.48 gal/ft where r = 1/2 diameter in ft	
	12								Filter type: Odor/Sheen/NAPL	Analyses:		Stabilization Criteria: Sp.Cond. +/- 3% DO +/- 10% ORP +/- 10 mV	
									Duplicate Collected YES /NO			pH +/- 0.1 Std Units Temp. +/- 3% Turb. +/- 10% if values >	
				2.3		- A			If yes, duplicate ID:			her:	
									Purge water disposal?	to ground	drummed	niei.	
					1				Guldance:				
									1 Position tubing at midpoint of saturated screened interval				
									2 Minimize drop in water level and purge until parameters are stable				
		3 3 3							3 Disconnect flow th	nru cell during sam	pling		
										ger if issues arise	(e.g. stabilization tak	es more than 2 hrs,	
	ليسسيني	-							5 For VPH and VOC s			o milmin contact PM	