

APPENDIX B

Field Documentation

Groundwater Elevation Survey Forms

**Riverbend Landfill
Groundwater Elevation Survey**

Project #: 04208022 22

Sampler: T. Hu Against

Quarter: 1 (2) 3 4

Date: 4/18/22

Monitoring Point Designation	Reference Elevation (ft. msl)	DTB (ft. btoc)	DTW (ft. btoc)	Time	Comments
Monitoring Wells					
MW-1A (Deep)	155.30	62.50	20.01	0919	
MW-1B (Shallow)	155.00	27.50	6.13	0917	
MW-2R (Shallow)	147.02	32.52	12.34	1337	
MW-3A (Shallow)	140.81	37.30	17.84	1133	
MW-3B (Deep)	140.57	57.91	16.24	1130	
MW-4A (Shallow)	142.31	38.81	25.11	1144	
MW-4B (Deep)	141.81	65.03	24.98	1141	
MW-5A (Shallow)	138.73	34.40	16.75	1226	
MW-5B (Deep)	138.82	42.40	24.94	1226	
MW-6A (Shallow)		23.28	5.64	1242	
MW-6B (Deep)	128.59	48.90	13.16	1241	
MW-9A (Shallow)	128.42	26.93	9.28	1320	
MW-9BR (Deep)	127.40	36.25	0.61	1324	
MW-10A (Shallow)	153.21	29.71	4.76	0934	
MW-10B (Deep)	152.87	55.83	16.75	0932	16.15 DRW
MW-12A (Shallow)	126.00	27.60	10.18	1212	
MW-12B (Deep)	126.54	46.20	16.00	1210	
MW-14A (Shallow)	121.87	23.60	7.75	1150	
MW-14B (Deep)	123.32	44.60	15.31	1152	
MW-15A (Shallow)	130.07	24.00	9.07	1251	
MW-15B (Deep)	129.73	45.95	15.45	1249	
MW-16A (Shallow)	128.89	25.00	14.81	1305	
MW-16B (Deep)	128.95	46.00	15.04	1308	
MW-17A (Shallow)	153.83	27.90	8.10	1343	
MW-18A (Shallow)	148.77	27.05	11.72	1555	
MW-18B (Deep)	148.57	56.10	13.60	1550	
MW-19A (Shallow)	151.27	32.00	4.98	131512	
MW-20A (Shallow)	129.92	23.60	3.03	1004	
MW-20B (Deep)	129.72	37.85	1.50	1007	
MW-21A (Shallow)	120.02	15.42	8.06	1158	
MW-21B (Deep)	119.53	30.40	7.75	1159	
MW-22A (Shallow)	125.38	22.50	16.29	1109	
MW-22B (Deep)	125.43	40.15	17.19	1111	
MW-23A (Shallow)	131.79	28.95	14.54	1118	
MW-23B (Deep)	131.60	44.49	17.85	1119	
MW-24 (Shallow)	149.93	27.81	4.59	1520	
MW-25A (Shallow)	155.26	28.22	7.35	1346	
MW-25B (Deep)	155.54	87.95	21.47	1351	

Riverbend Landfill Groundwater Elevation Survey

Project #: 04208022.22

Sampler: I. Hultquist

Quarter: 1 2 3 4

Date: 4/18/22

Monitoring Point Designation	Reference Elevation (ft. msl)	DTB (ft. btoc)	DTW (ft. btoc)	Time	Comments
Piezometers					
P-01	125.93	20.00	4.27	1222	
P-02	123.88	18.80	3.41	1220	
P-03	123.63	21.83	6.87	1216	
P-05A	140.70	21.44	2.83	1018	
P-06A	131.60	21.82	4.55	1012	
P-07A	147.90	28.45	10.65	1029	
SA-BH-1	155.21	25.09	7.20	1458	
SA-BH-3	155.07	25.33	7.18	1450	
SA-BH-5	151.01	30.70	12.78	1315	
SA-BH-6	125.93	26.30	11.93	1523	
GT10-1	145.46	27.29	1.40	0948	
GT10-11	150.08	27.17	2.62	1040	
GT10-12	152.41	26.06	3.56	1050	
Production Wells					
MB-1	149.10	---	---	---	Inaccessible
PW-1	151.71	---	16.85	1425	

Notes:

Rain SOOP
Probe disconnected between locations

**Riverbend Landfill
Groundwater Elevation Survey**

Project #: 4702-028-22

Sampler: ET

Quarter: 1 2 3 (4)

Date: 11/14/22

Monitoring Point Designation	Reference Elevation (ft. msl)	DTB (ft. btoc)	DTW (ft. btoc)	Time	Comments
Monitoring Wells					
MW-1A (Deep)	155.30	62.50	28.0	1152	
MW-1B (Shallow)	155.00	27.50	2.55	1148	
MW-2R (Shallow)	147.02	32.52	15.18	1134	
MW-3A (Shallow)	140.81	37.30	18.51	0927	
MW-3B (Deep)	140.57	57.91	23.39	0931	
MW-4A (Shallow)	142.31	38.81	24.01	0938	
MW-4B (Deep)	141.81	65.03	25.09	0942	
MW-5A (Shallow)	138.73	34.40	15.73	1035	Dtw - 31.05
MW-5B (Deep)	138.82	42.40	5.32	1039	Dtw - 22.20
MW-6A (Shallow)		23.28	10.27	1047	
MW-6B (Deep)	128.59	48.90	19.38	1050	
MW-9A (Shallow)	128.42	26.93	14.10	1120	
MW-9BR (Deep)	127.40	36.25	5.32	1128	
MW-10A (Shallow)	153.21	29.71	17.12	1210	
MW-10B (Deep)	152.87	55.83	23.78	1207	
MW-12A (Shallow)	126.00	27.60	13.52	1016	
MW-12B (Deep)	126.54	46.20	22.05	1018	
MW-14A (Shallow)	121.87	23.60	20.52	1008	Liquid Btop
MW-14B (Deep)	123.32	44.60	20.11	1005	
MW-15A (Shallow)	130.07	24.00	9.13	1039	
MW-15B (Deep)	129.73	45.95	17.46	1041	
MW-16A (Shallow)	128.89	25.00	21.07	1109	Liquid Btop
MW-16B (Deep)	128.95	46.00	20.40	1114	
MW-17A (Shallow)	153.83	27.90	17.97	1238	
MW-18A (Shallow)	148.77	27.05	16.00	1220	
MW-18B (Deep)	148.57	56.10	24.21	1225	
MW-19A (Shallow)	151.27	32.00	23.08	1244	
MW-20A (Shallow)	129.92	23.60	7.76	0933	
MW-20B (Deep)	129.72	37.85	4.89	0930	
MW-21A (Shallow)	120.02	15.42	11.89	0950	
MW-21B (Deep)	119.53	30.40	12.30	0955	
MW-22A (Shallow)	125.38	22.50	22.20	0903	Liquid Btop ; DTB 22.20
MW-22B (Deep)	125.43	40.15	28.01	0907	Thicket obscuring wells
MW-23A (Shallow)	131.79	28.95	19.85	0917	
MW-23B (Deep)	131.60	44.49	23.27	0920	
MW-24 (Shallow)	149.93	27.81	10.32	1331	
MW-25A (Shallow)	155.26	28.22	8.48	1140	
MW-25B (Deep)	155.54	87.95	29.32	1143	

Riverbend Landfill Groundwater Elevation Survey

Project #: 04202022.22

Sampler: E Taylor

Quarter: 1 2 3 (4)

Date: 11/14/22

Monitoring Point Designation	Reference Elevation (ft. msl)	DTB (ft. btoc)	DTW (ft. btoc)	Time	Comments
Piezometers					
P-01	125.93	20.00	7.06	1027	
P-02	123.88	18.80	6.19	1031	
P-03	123.63	21.83	10.41	1022	
P-05A	140.70	21.44	Dry	0856	Path overgrown
P-06A	131.60	21.82	6.13	0846	
P-07A	147.90	28.45	9.07	0856	
SA-BH-1	155.21	25.09	10.70	1424	
SA-BH-3	155.07	25.33	12.24	1408	
SA-BH-5	151.01	30.70	15.80	1341	
SA-BH-6	125.93	26.30	14.87	1325	
GT10-1	145.46	27.29	11.48	0828	
GT10-11	150.08	27.17	22.75	1303	Hard to find
GT10-12	152.41	26.06	18.37	1213	
Production Wells					
MB-1	149.10	---	---	---	Inaccessible
PW-1	151.71	---	24.92	1202	

Notes:

38°F sunny

Probe depressed between each reading

Barometric pressure is 30.13 in hg

Spring 2022

Compliance Groundwater

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill
SITE ADDRESS: McMinnville, Oregon

WELL ID: ~~MB 12A~~ MW-12A
BLIND ID:

DUP ID: NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? **TEMPERATURE:** 50 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/12/22	13:04	27.60		8.65		18.95	X1 3.08
1/1	:						X3 2.25
Gal/ft = (dia./2) ² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[N if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/12/22	14:30	F	3 (40 ml)	HCl	YES	NO		
VOA Glass	4/12/22	14:30	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/12/22	14:30	F	2 (50) 500, (L)	None	YES	NO	NA	
Yellow Glass	4/12/22	14:30	F	2 (250) 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/12/22	14:30	F	1 250, (500) 1L	HNO ₃	YES	YES		
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11 Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)				
	VOA - Glass	(8260)	(8011)		OR [X]	WA []
	AMBER - Glass	(8080)	(8150)	(TOX)	OR []	WA []
	WHITE - Poly	(pH)	(Conductivity)	(TDS) (TSS) (Alkalinity) (HCO ₃) (CO ₃) (CO ₂) (SO ₄) (Silica, T) (NO ₃) (BOD)		
	YELLOW - Glass	(COD)	(TOC)	(NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)				
Clear - Poly	(E Coli)	(Coliform)	(Fecal Coliform)			

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	1309 F	0.00	5.36	165.1	421.7	9.8	9.01	19.01	C/C
1	1332 F	3.1	5.87	176.5	442.2	9.7	9.40	6.74	C/C DTW 9.40
2	1355 F	6.35	5.91	182.0	440.6	9.4	9.50	2.25	C/C
3	1418 F	9.30	5.89	196.4	440.6	9.3	9.40	3.50	C/C
4	1420 F	9.45	5.90	196.3	440.4	9.3	9.40	3.17	C/C
5	1422 F	9.60	5.98	198.3	440.4	9.2	9.39	3.16	C/C
6	1424 F	9.75	5.91	196.2	440.3	9.4	9.39	3.20	C/C

§ (Select A-G) (Cumulative Totals)

(Circle units)

(Clarity, Color)

Brandon Rapozo
(PRINTED NAME)

(SIGNATURE)

Standard Purge (20/10/20 psi)
~ 500 ml/min

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-12B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 55 °F 5 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/21/22	13:00	14.20	.	14.6	.	31.6	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/21/22	13:40	F	3 40 ml	HCl	YES	NO		
VOA Glass	4/21/22	13:40	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/21/22	13:40	F	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	4/21/22	13:40	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/21/22	13:40	F	1 250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 19

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8280) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃) (CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time: 13:01

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1302)	0.00	6.45	245.2	567.1	10.1	14.6	5.18	2/5 ton
1	F(1312)	0.5	6.47	229.6	562.9	10.1	14.6	4.97	C/C
2	F(1314)	0.75	7.05	2.3	596.6	10.7	14.6	3.23	C/C
3	F(1316)	0.85	7.07	-10.7	593.7	10.6	14.6	3.21	C/C
4	F(1318)	0.95	7.02	-23.1	598.1	10.7	14.6	3.24	C/C
5	F(1320)	1.10	7.06	-37.7	594.7	10.7	14.6	3.20	C/C
6	F(1322)	1.20	7.06	-44.1	594.9	10.7	14.6	3.22	C/C

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

C/C = clear / colorless

low flow 20/10/30 psi w 200 ml/min

SAMPLER:

EDAN T
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-14A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 60.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/22/22	11:24	23.60	.	13.32	.	10.28	X 1 1.67
1/1	:	.	.	.	.	.	X 3 5.01
Gal/ft = (dia./2) ² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/22/22	12:00	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	4/22/22	12:00	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	12:00	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	4/22/22	12:00	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	12:00	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

1/1 Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(P260) (R011)	OR [X]	WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Ca) (SO ₄) (Silica, T) (NO3) (BOD)		
	YELLOW - Glass	(COD) (TOC) (TSS) (NO ₂ / NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1127)	0.00	5.68	92.5	420.1	10.6	13.62	3.66	clear/colorless
1	F(1137)	1.70	6.05	85.5	341.1	10.1	13.78	1.57	clear/colorless
2	F(1147)	3.40	6.00	90.9	327.8	10.2	13.81	1.38	clear/colorless
3	F(1157)	5.10	6.02	95.9	325.7	10.2	13.83	1.39	clear/colorless
4	F(1159)	5.25	6.02	96.3	325.0	10.2	13.84	1.40	clear/colorless
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard purge (20/10/20psi) ~ 300 ml/min

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-14B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 60.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/22/22	12:19	44.00	.	12.80	.	.	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[V if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/22/22	12:45	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	4/22/22	12:45	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	12:45	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	4/22/22	12:45	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	12:45	1	1 F ₂ H (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260) (8011)	OR ☒ WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO3) (BOD)	
	YELLOW - Glass	(COD) (POC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1221)	0.00	6.87	111.5	426.6	10.9	12.83	3.65	clear/colorless
1	F(1233)	0.75	7.21	13.8	543.6	10.8	12.83	0.88	clear/colorless
2	F(1235)	0.85	7.21	-5.6	543.5	10.8	12.83	0.89	clear/colorless
3	F(1237)	0.95	7.20	-9.3	543.3	10.8	12.83	0.83	clear/colorless
4	F(1239) 1A	1.05	7.22	-11.4	543.3	10.8	12.83	0.81	clear/colorless
5	F(1241)	1.15	7.22	-16.3	543.5	10.9	12.83	0.80	clear/colorless
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Low flow purge method (20/10/20 psi) ~250 ml/min

SAMPLER:

J. Hultqvist
(PRINTED NAME)

[Signature]
(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue

Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-15A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 50.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	13:20	24.00	.	8.79	.	15.21	X1 2.42
/ /	:	.	.	.	.	.	X3 7.43
Gal/ft = (dia./2) ² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[V if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	
VOA Glass	4/19/22	14:45	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/19/22	14:45	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	14:45	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/19/22	14:45	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/19/22	14:45	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H2SO4, Red HNO3

11 Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)									
	VOA - Glass	(8260)	(8011)							OR [X]	WA []
	AMBER - Glass	(8080)	(8150)	(TOX)						OR []	WA []
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ /CO ₃)	(Cl)	(SO ₄)	(Silica, T.)	(NO ₃) (BOD)
	YELLOW - Glass	(COD)	(TOC)	(TOH)	(NO ₂ /NO ₃)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)		
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)				
	WHITE - Poly	(Orthophosphate)									
	Clear - Poly	(E Coli)	(Coliform)	(Fecal Coliform)							

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	(1340)F	0.00	5.74	172.6	159.6	12.50	9.45	8.83	BARE Cloudy/tan
1	(1357)F	2.50	6.24	169.3	185.4	12.10	15.02	5.12	Clearing, light tan
2	(1417)F	5.00	6.27	171.0	183.6	12.1	15.58	4.10	clearing, light tan
3	(1434)F	27.50	6.15	174.8	152.6	12.1	17.12	4.65	Turbid, tan
4	(1438)F	7.75	6.15	175.6	151.6	12.2	17.26	7.37	tan, cloudy
5	(1438)F	8.00	6.16	176.0	150.8	12.2	17.40	7.86	tan, cloudy
6	(1440)F	8.25	6.15	177.2	149.8	12.3	17.53	7.11	cloudy

(Casing)

(Select A-G)

(Cumulative Totals)

(Circle units)

(Clarity, Color)

Standard purge (20/10/20psi) ~ 200 ml

500 ml/min

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

1012

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-15B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 65.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/20/22	11:35	45.95	.	15.26	.	.	X 1
1/1	11:35	.	.	.	.	.	X 3
Gal/ft = (dia / 2) ² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/20/22	11:35	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/20/22	11:35	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/20/22	11:35	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/20/22	11:35	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/20/22	11:35	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8080) (8011) OR [X] WA [1]
AMBER - Glass	(8080) (8150) (TOX) OR [1] WA [1]
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃) (CO ₃) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (TOX) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA			Purge Start Time:				Pump/Bailer Inlet Depth:		
Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1104)	0.00	6.60	85.9	676	11.20	15.45	3.64	light tan, clear
1	F(1111)	0.5	6.70	56.4	491.7	12.2	15.50	0.95	clear, colorless
2	F(1115)	0.75	6.72	44.9	496.2	12.1	15.51	0.79	clear/colorless
3	F(1117)	0.85	6.72	37.9	502.1	12.1	15.46	0.82	clear/colorless
4	F(1119)	0.95	6.72	35.4	515.1	12.1	15.48	0.80	clear/colorless
5	F(1121)	1.05	6.72	30.7	520.1	12.1	15.56	0.79	clear/colorless
6	F(1123)	1.15	6.72	29.6	527.6	12.1	15.54	0.78	clear/colorless

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Low flow purge method (20/10/20psi) ~ 400ml/min

SAMPLER:

J. Hultqvist
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

2012

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: ~~MW-153~~ MW-15B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 50.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

(Product Thickness)

(Water Column)

(Circle appropriate units)

(Water Column x Gal/ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/20/12	11:01	45.95	.	15.26	.	.	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/20/12	11:35	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/20/12	11:35	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/20/12	11:35	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/20/12	11:35	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/20/12	11:35	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8280) (8011)	OR [X]	WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl ⁻) (SO ₄) (Silica, T) (NO3) (BOD)		
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1125)	1.25 0.00	6.72	24.1	532.9	12.2	15.55	0.76	clear/colorless
1	F(1127)	1.35	6.73	23.6	535.6	12.2	15.47	0.77	clear/colorless
2	F(1129)	1.45	6.73	22.7	536.0	12.2	15.53	0.72	clear/colorless
3	F(1131)	1.65	6.73	18.2	536.2	12.2	15.53	0.71	clear/colorless
4	F(1133)	1.75	6.73	16.7	536.8	12.2	15.53	0.71	clear/colorless
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Low flow purge method (20/10/20psi) ~ 400ml/min

SAMPLER:

J. Hultquist

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-16A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:

N

NE

E

SE

S

SW

W

NW

LIGHT

MEDIUM

HEAVY

WEATHER:

SUNNY

CLOUDY

RAIN

?

TEMPERATURE: 43 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	11:38	25.00	.	14.90	.	10.10	X 1 1.64
1/1	:	.	.	.	.	.	X 3 4.93
Gal/ft = (dia./2) ² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
						12" = 5.875	

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/19/22	12:40	F3 → 3	40 ml	HCl	YES	NO		✓
VOA Glass	4/19/22	12:40	F3 → 3	40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	12:40	F2 → 2	250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/19/22	12:40	F2 → 2	250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/19/22	12:40	F1 → 1	250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)									
	VOA - Glass	(8260)	(8011)							OR [X]	WA []
	AMBER - Glass	(8080)	(8150)	(TOX)						OR []	WA []
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ CO ₃)	(Cl)	(SO ₄)	(Silica, T)	(NO ₃) (BOD)
	YELLOW - Glass	(COD)	(TOC)	(NH ₃)	(NO ₂)	(NO ₃)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)	
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)				
	WHITE - Poly	(Orthophosphate)									
	Clear - Poly	(E. Coli)	(Coliform)	(Fecal Coliform)							

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	(1152)	0.00	6.27	84.3	323.1	12.0	14.91	9.96	C/C
1	(1208)	1.5	6.21	193.6	333.7	11.9	15.06	9.86	tan / cloudy
2	(1215)	3.0	6.18	111.3	335.0	11.9	17.02	9.41	tan / clear
3	(1220)	5.0	6.16	115.8	329.6	11.8	17.81	9.42	clear / cloudy
4	(1228)	5.2	6.18	117.0	327.9	12.0	18.69	9.50	C/C
5	(1230)	5.5	6.18	118.0	327.4	12.0	18.72	9.47	C/C
6	(1232)	5.8	6.18	117.4	326.8	12.0	18.72	9.42	C/C

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

standard purge 20/10/20 psi 400 mL/min

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: Dup 1

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 74.5 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/1	12:45	12:45	12:45	12:45	12:45	12:45	12:45
1/1	12:45	12:45	12:45	12:45	12:45	12:45	12:45
Gal/ft = (dia / 2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/17/22	12:45	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/17/22	12:45	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/17/22	12:45	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/17/22	12:45	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/17/22	12:45	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260) (8011)	OR [] WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1245)	0.00	.			.	.	.	
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

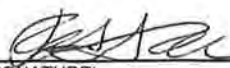
[Circle units]

[Clarity, Color]

Collected at MW-16A

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)


(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-10B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N (NE) E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	13:30	46.00	.	15.10	31.90	31.90	X 1 8.39
/ /	:	.	.	.	.	.	X 3 4.
Gal/ft = (dia./2) ² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/19/22	14:10	F	3 (40 ml)	HCl	YES	NO		
VOA Glass	4/19/22	14:10	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	14:10	F	2 (250, 500, 1L)	None	YES	NO	NA	
Yellow Glass	4/19/22	14:10	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/19/22	14:10	F	1 (250, 500, 1L)	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011)
	AMBER - Glass	(8080) (8150) (TOX)
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (TOA) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	FC1338	0.00	6.68	51.1	1161	12.0	15.10	1.23	C/G
1	FC1346	0.75	6.78	20.4	1144	12.1	15.10	0.97	C/G
2	FC1348	0.95	6.81	6.0	1139	12.0	15.10	3.14	tan / clear
3	FC1350	1.15	6.82	-0.6	1137	12.0	15.10	0.71	C/G
4	FC1352	1.35	6.82	-5.6	1136	12.0	15.10	0.74	C/G
5	FC1354	1.55	6.82	-8.4	1135	12.0	15.10	0.74	C/G
6	FC1356	1.75	6.82	-10.3	1135	12.0	15.10	0.71	C/G

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Low flow 20/10/30 psi 400 mL/min

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-21A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 85.3 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/21/22	11:31	15.42	.	7.41	.	8.01	X 1 1.30
1/1	:	.	.	.	.	.	X 3 3.90
Gal/ft = (dia/2) ² x 0.163 1" = 0.041 3" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

(√ if used)

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/21/22	12:15	F	3 40 ml	(HCl)	YES	NO		✓
VOA Glass	4/21/22	12:15	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/21/22	12:15	F	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	4/21/22	12:15	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/21/22	12:15	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260) (8013)	OR [☒] WA [☐]
	AMBER - Glass	(8080) (8150) (TOX)	OR [☐] WA [☐]
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (SO ₄) (Silica, T) (NO3) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NFB) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	FC(1132)	0.00	6.16	230.6	304.0	11.7	7.41	2.14	C/C
1	FC(1138)	1.00	6.14	229.7	315.0	11.7	8.20	1.23	C/C
2	FC(1144)	2.20	6.15	228.2	316.6	11.6	8.28	0.96	C/C
3	FC(1200)	3.90	6.13	225.6	317.0	11.6	8.28	0.94	C/C
4	FC(1202)	4.10	6.12	225.7	316.6	11.6	8.28	0.92	C/C
5	FC(1204)	4.40	6.12	225.4	317.0	11.6	8.28	0.94	C/C
6	FC(1206)	4.65	6.12	225.3	312.5	11.6	8.28	0.91	C/C

(Casing)

(Select A-G)

(Cumulative Totals)

(Circle units)

(Clarity, Color)

Standard Purge method (10/5/25 psi) @ 600 mL/min

C/C = clear and colorless

SAMPLER: EDAN Taylor
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FBS

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 66 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	6/1/22	09:45	F	3 40ml	HCl	YES	NO		✓
VOA Glass	6/1/22	09:45	P	3 40ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	6/1/22	09:45	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	6/1/22	09:45	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	6/1/22	09:45	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8017) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃) (CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (T _{OC}) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0		0.00	.			.	.	.	
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

(Casing) (Select A-G) (Cumulative Totals)

(Circle units)

(Clarity, Color)

collected near MW-21B using lab supplied DI water

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-21B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:

N	NE	E	SE	S	SW	W	NW
SUNNY	CLOUDY	RAIN					

LIGHT

MEDIUM

HEAVY

WEATHER:

TEMPERATURE: 66 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
6/1/22	09:47	30.40	.	8.87	.	.	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	6/1/22	10:15	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	6/1/22	10:15	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	6/1/22	10:15	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	6/1/22	10:15	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	6/1/22	10:15	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11 Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(F250) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (SO ₄) (Silica, T) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NFI) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time: 09:48

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0950)	0.00	6.63	247.6	508.0	13.1	9.20	2.08	clear, light tan
1	F(1001)	1.0	6.74	250.0	521.8	13.2	9.05	0.87	clear, light tan
2	F(1003)	1.15	6.73	251.2	522.7	13.1	9.07	0.79	" "
3	F(1005)	1.30	6.73	251.3	523.0	13.1	9.07	0.69	" "
4	F(1007)	1.50	6.71	250.9	523.4	13.1	9.08	0.66	" "
5	F(1009)	1.65	6.72	250.1	524.1	13.1	9.08	0.66	" "
6									

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Low flow purge method: (7/3/15) ~ 360 ml/min

SAMPLER:

(PRINTED NAME)

B. Rapozo

(SIGNATURE)

B. Rapozo

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: DUP5

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: °F 66 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

(Product Thickness)

(Water Column)

(Circle appropriate units)

(Water Column x Gal/ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	X 1 X 3	Volume (gal)
/ /	:	.	.	.	.	.		
/ /	:	.	.	.	.	.		
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

(√ if used)

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	6/1/22	10:20	F	3 40ml	HCl	YES	NO		✓
VOA Glass	6/1/22	10:20	F	3 40ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	6/1/22	10:20	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	6/1/22	10:20	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	6/1/22	10:20	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(4250) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ CO ₃) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (N ₂) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Pb) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA			Purge Start Time:					Pump/Bailer Inlet Depth:	
Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0		0.00	.			.	.	.	
1			.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6			.			.	.	.	

(Casing) (Select A-G) (Cumulative Totals)

(Circle units)

(Clarity, Color)

Collected at MW-21B

SAMPLER:

(PRINTED NAME)

B. Rapozo

(SIGNATURE)

[Signature]

Spring 2022

Detection Groundwater and Piezometers

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-5A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:

N NE E SE S SW W NW

(LIGHT)

MEDIUM

HEAVY

WEATHER:

SUNNY

LOUDY

RAIN

?

TEMPERATURE:

° F 45

° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/10/12	12:17	34.40	.	16.09	.	18.31	X 1 2.98
/ /	:	.	.	.	.	.	X 3 8.95
Gal/ft = (dia / 2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/10/12	13:30	F	3	40 ml	HCl	YES	NO	
VOA Glass	4/10/12	13:30	F	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	/ /	:			250, 500, 1L	None	YES	NO	NA
Yellow Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	/ /	:			125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	/ /	:			250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:			250, 500, 1L	None	YES	YES	
Clear Poly	/ /	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 6

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011)
AMBER - Glass	(8080) (8150) (TOX)
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1226)	0.00	5.74	38.4	1263	17.1	16.50	4.69	Clear / colorless
1	F(1243)	3.00	5.82	27.1	1234	13.6	24.94	1.18	G/C
2	F(1304)	6.00	5.80	23.8	1254	13.8	25.81	0.89	C/C
3	F(1325)	9.00	5.80	23.0	1287	13.9	26.76	0.64	C/C
4	F(1327)	9.30	5.80	22.7	1292	13.9	26.97	0.62	C/C
5	F(1329)	9.60	5.80	22.7	1290	13.9	27.11	0.60	C/C
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

Run out of CO₂ before filling bottles. purged ~ 0.5 gal standard Purge 450 ml/min bottles (11/9/25 psi)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: DUP2

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 64.8 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailor (D) PVC/Teflon Bailor (E) Dedicated Bailor (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[V if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/20/22	13:35	F 3	40 ml	HCl	YES	NO		✓
VOA Glass	4/20/22	13:35	F 3	40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	/ /	:		250, 500, 1L	None	YES	NO	NA	
Yellow Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	/ /	:		250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260) (8011)	OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO3) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1335)	0.00	.	.	.	.	.	.	.
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected at mw-5A

SAMPLER:

J. H. August
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-5B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 50.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/10/22	14:45	92.40	.	24.74	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailor (D) PVC/Teflon Bailor (E) Dedicated Bailor (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/10/22	14:45	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/10/22	14:45	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	/ /	:		250, 500, 1L	None	YES	NO	NA	
Yellow Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	/ /	:		250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 6

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	1425	0.00	7.12	2.8	625.26	13.2	24.88	4.55	C/C
1	1432	0.70	7.06	-38.2	611.30	13.7	25.15	2.13	tan, clear
2	1434	1.0	7.07	-50.2	613.60	13.8	25.25	0.80	tan, clear
3	1437	1.25	7.07	-55.5	613.40	13.9	25.25	0.82	
4	1439	1.35	7.06	-54.7	614.40	14.0	25.26	0.78	
5			.	.	.	.	.	.	
6			.	.	.	.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Low flow purge method: ~280 ml/min (20/10/20 psi)

SAMPLER:

J. Holtz

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-19A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 65.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/22/22	08:04	32.00	.	4.79	.	27.21	X 1 4.43
1/1	:	.	.	.	.	.	X 3 13.824
Gal/ft = (dia./2) ² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
						12" = 5.875	

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/22/22	09:25	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/22/22	09:25	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	09:25	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/22/22	09:25	F	1 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	09:25	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (2) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0807)	0.00	6.10	218.3	165.6	11.2	5.36	7.78	clear/colorless
1	F(0825)	4.50	7.22	38.0	362.7	11.5	6.88	4.70	cloudy/tan DTW 5.89
2	F(0857)	9.00	7.36	31.2	346.9	11.6	6.84	0.72	clear/colorless DTW 6.04
3	F(0922)	13.50	7.41	-59.2	343.0	11.6	6.06	0.76	clear/colorless
4	F(0924)	13.90	7.42	-60.6	341.4	11.6	6.07	0.78	clear/colorless
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle in ft]

[Clarity, Color]

Standard purge method (7.15/25 psi) ~ 750 ml/min

SAMPLER:

I. Hultquist

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB4

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 65.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia/2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other = Transfer

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method ^s	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/22/22	09:10	6 3	40 ml	HCl	YES	NO		✓
VOA Glass	4/22/22	09:10	6 3	40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	09:10	6 2	250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/22/22	09:10	6 2	250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	09:10	6 1	250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8260) (8011)	OR ☒	WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)		
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method ^s	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	G (910)	0.00	-	-	-	-	-	-	-
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected near MW-19A using Lab supplied DE water

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: DUP4

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 50.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia /2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/22/22	09:30	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/22/22	09:30	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	09:30	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/22/22	09:30	f	1 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	09:30	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Si) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (PC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0930)	0.00	—	—	—	—	—	—	—
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected e mw-19A

SAMPLER:

(PRINTED NAME)

J. Hultquist

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-20A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 48.0 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	04:41	23.60	.	2.81	.	20.87	X 1 3.39
/ /	:	.	.	.	.	.	X 3 10.17
Gal/ft = (dia./2) ² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/19/22	10:30	F	3 40 ml	HCl	YES	NO		
VOA Glass	4/19/22	10:30	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	10:30	F	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	4/19/22	10:30	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		
Green Poly	/ /	:		250, 500, 1L	NaOH	YES	NO		
Red Total Poly	4/19/22	10:30	F	1 125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	/ /	:		250, 500, 1L	HNO ₃	YES	YES		
	/ /	:		250, 500, 1L		YES			

White no acid, Yellow H₂SO₄, Red HNO₃

10

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR ☒ WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (31) (SO ₄) (Silica, T.) (NO ₃)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin)
GREEN - Poly	(Cyanide)
RED TOTAL - Poly	(As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(As) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F (0748)	0.00	6.30	98.2	1603.0	10.5	4.51	2.71	c/c
1	F (0956)	2.30	6.58	40.2	1012.0	10.5	6.56	0.39	very tan/cloudy
2	F (1008)	5.0	6.64	17.7	1017.0	10.5	8.60	0.37	tan/clear
3	F (1030)	10.20	6.65	-0.04	1017.0	10.5	10.42	0.32	c/c
4	F (1032)	11.0	6.63	-2.0	1017.0	10.5	10.82	0.36	c/c
5	F (1034)	12.0	6.67	-4.1	1017.0	10.5	10.82	0.34	c/c
6	F (1036)	12.9	6.64	-3.8	1017.0	10.5	10.82	0.35	c/c

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity Color]

Standard Purge

9/11/20 PSI ~ c/c = clear/colorless
1L/min

SAMPLER: Edan Taylor
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-2013

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: ° F ° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	8:31	37.85	.	1.56	.	36.29	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/19/22	9:15	F	3 40 ml	HCl	YES	NO		
VOA Glass	4/19/22	9:15	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	9:15	F	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	4/19/22	9:15	F	1 250, 500, 1L	H ₂ SO ₄	YES	NO		
Green Poly	/ /	:		250, 500, 1L	NaOH	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/19/22	9:15	F	1 250, 500, 1L	HNO ₃	YES	YES		
	/ /	:		250, 500, 1L		YES			

White no acid, Yellow H₂SO₄, Red HNO₃

10

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃)
YELLOW - Glass	(COD) (DOC) (NPL) (NO ₂ /NO ₃) (Tannin/Lignin)
GREEN - Poly	(Cyanide)
RED TOTAL - Poly	(As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F0851	0.00	5.82	184.6	658.2	10.3	1.56	11.2	C/C
1	F0859	0.75	6.98	140.8	653.0	10.7	1.56	0.58	C/C
2	F0901	0.95	7.01	139.6	651.5	10.8	1.58	0.52	C/C
3	F0903	1.15	7.05	129.4	651.4	10.8	1.59	0.53	C/C
4	F0905	1.35	7.01	134.6	651.4	10.8	1.59	0.54	C/C
5	F0907	1.55	7.03	132.9	651.4	10.8	1.59	0.54	C/C
6	F0909	1.65	7.05	131.7	651.4	10.8	1.59	0.50	C/C

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

low flow purge method

20/10/20 psi ~ 250 mL/min

C/C = clear/colorless

SAMPLER:

Edan Taylor
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-22A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

WIND FROM: N NE E SE S SW W NW
WEATHER: SUNNY CLOUDY RAIN ?
TEMPERATURE: 46.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/21/22	08:22	22.12	.	16.03	.	6.1	0.99
/ /	:	.	.	.	.	.	2.78
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailor (D) PVC/Teflon Bailor (E) Dedicated Bailor (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Bottle Type	Date	Time	Method	Amount & Volume	Preservative	Ice	Filter	pH	[if used]
VOA Glass	4/21/22	09:15	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	4/21/22	09:15	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/21/22	09:15	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	4/21/22	04:15	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/21/22	09:15	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8080) (8011)
AMBER - Glass	(8080) (8150) (TOX)
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time: 08:25

Meas.	Method	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Pump/Bailer Inlet Depth:	Diss O ₂ (mg/l)	Water Quality
0	f(0826)	0.00	6.06	175.9	300.6	10.1	16.03	2.70		clear/colorless
1	f(0832)	1.00	6.07	171.9	292.7	9.9	16.23	2.76		clear/colorless
2	f(0850)	2.00	6.05	168.3	289.3	10.0	17.00	3.70		clear/colorless
3	f(0906)	3.00	6.02	174.1	288.4	9.9	17.38	3.59		clear/colorless
4	f(0908)	3.10	6.02	180.1	288.7	9.9	17.40	3.58		clear/colorless
5	f(0910)	3.20	6.03	181.5	289.1	9.9	17.42	3.53		clear/colorless
6	f(0912)	3.30	6.04	181.3	288.9	9.9		3.54		clear/colorless

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard Purge (12/8/20 psi) → 12/8/15 psi ~ 200 mL/min

SAMPLER:

E TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill
SITE ADDRESS: McMinnville, Oregon

WELL ID: Dup 3

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? **TEMPERATURE:** °F 48 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia / 2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/21/22	09:30	F	3	40 ml	HCl	YES	NO	
VOA Glass	4/21/22	09:30	F	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/21/22	09:30	F	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/21/22	09:30	F	2	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/21/22	09:30	F	1	250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0		0.00	.	.	.	.	.	.	.
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected at 22A

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB3

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 52 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

(Product Thickness)

(Water Column)

(Circle appropriate units)

(Water Column x Gal/ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/1	:	.	.	.	.	.	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/12/22	10:30	G	3 40 ml	HCl	YES	NO		✓
VOA Glass	4/12/22	10:30	G	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/12/22	10:30	G	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/12/22	10:30	G	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	4/12/22	10:30	G	125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/12/22	10:30	G	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 7

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8250) (8011)	OR [☒]	WA [☐]
	AMBER - Glass	(8080) (8150) (TOX)	OR [☐]	WA [☐]
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO₃CO₃) (CO₃SD₄) (Silica, T) (NO3) (BOD)		
	YELLOW - Glass	(COD) (TOC) (NH₃) (NO₂/NO₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH*	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	G (1030)	0.00	←	—	—	—	—	—	—
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

(Casing) (Select A-G) (Cumulative Totals)

(Circle units)

(Clarity, Color)

Collected near MW-200 using lab supplied DI water

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: P-05A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY

WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: ° F ° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	09:00	21.44	.	2.53	.	18.91	X 1 0.77
/ /	:	.	.	.	.	.	X 3 2.31
Gal/ft = (dia./2) ² x 0.163 (1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875)							

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	9:50	B	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	4/19/22	9:50	B	1 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/19/22	9:50	B	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	9:00	0.00	6.30	189.6	966.0	10.1	4.71	3.0	C/C
1	9:15	0.8	6.77	122	950.0	9.60	11.11	0.99	C/C
2	9:25	1.50	6.81	85.2	946.0	9.70	12.11	0.72	C/C
3	9:39	2.30	6.81	63.1	947.0	9.70	12.65	0.51	C/C
4	9:41	2.45	6.80	61.40	947.0	9.7	12.64	0.49	C/C
5	9:43	2.60	6.81	60.70	946.0	9.8	12.94	0.51	C/C
6			.			.	.	.	C/C

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard Purge ~ (250 ml/min)

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: P-06A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 48. °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/19/22	10:20	21.82	.	4.56	.	17.36	X 1 0.70
4/20/22	10:28	21.82	.	18.86	.		X 3 2.10
Gal/ft = (dia / 2)² x 0.163	0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na₂S₂O₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H₂SO₄	YES	NO		
White Poly	4/20/22	10:30	B 2	250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/20/22	10:30	B 1	250, 500, 1L	H₂SO₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO₃	YES	NO		
Red Diss. Poly	/ /	:		250, 500, 1L	HNO₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na₂S₂O₃	YES	NO		

White no acid, Yellow H2SO4, Red HNO3

3

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO₃/CO₃) (Fe) (SO₄) (Silica, T.) (NO3) (BOD)
YELLOW - Glass	(COD) (DOC) (NFB) (NO₃/NO₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O₂ (mg/l)	Water Quality
0	B(1030)	0.00	6.40	57.3	91.1	10.2	6.54	0.54	clear/colorless
1	B(1042)	0.73	6.85	21.07	97.1	10.2	14.56	0.73	clear/colorless
2	B(1057)	1.45	7.03	45.3	900.0	10.8	19.50	0.81	clear/colorless
3	B(1102)	1.60	7.04	56.0	915.0	10.8	21.66	1.86	tan, cloudy
4	B(1025)	1.70	6.56	80.3	931.0	11.3	18.86	2.70	tan, cloudy
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard purge (~200ml/min)

Well dewatered on 4/19/22 @ 1102, will return on 4/20/22 to sample.

Returned on 4/20/22, WL 18.86. Began to sample, insufficient water to fill all bottles.

SAMPLER:

J. Hutter

(PRINTED NAME)

(SIGNATURE)

Filled partial of 1L unpreserved, Returned at 1300, finished filling 1L. Returned at 1520 and filled 250ml unpreserved

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: P-07A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:	N	NE	E	SE	S	SW	W	NW	LIGHT	MEDIUM	HEAVY
WEATHER:	SUNNY	CLOUDY	RAIN					?	TEMPERATURE:	° F	° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
4/29/22	11:30	28.48	.	10.51	.	17.97	X 1 2.92
1/1	:	.	.	.	.	.	X 3 8.78
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/19/22	12:30	B	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/19/22	12:30	B	1 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/19/22	12:30	B	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)																								
	VOA - Glass	(8260)	(8011)	OR [] WA []																						
	AMBER - Glass	(8080)	(8150)	(TOX)	OR [] WA []																					
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ /CO ₃)	(Cl)	(SO ₄)	(Silica, T.)	(NO ₃)	(BOD)														
	YELLOW - Glass	(COD)	(TOC)	(NH ₄)	(NO ₂ /NO ₃)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)																	
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)	(Be)	(Cd)	(Co)	(Cr)	(Cu)	(Fe)	(Pb)	(Mn)	(Ni)	(Ag)	(Se)	(Ti)	(V)	(Zn)	(Hardness)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)																			
	WHITE - Poly	(Orthophosphate)																								
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)																								

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	1138B	0.00	6.20	12.3	182.1	11.20	10.93	5.44	clear/colorless
1	1140B	1.60	5.93	48.8	180.0	11.50	14.01	5.19	c/c
2	1154B	2.0	5.93	64.9	180.3	11.5	14.76	4.43	c/c
3	1208B	5.0	5.91	89.8	181.0	11.6	15.09	4.35	c/c
4	1223B	8.80	5.92	109.8	181.0	11.6	15.01	3.84	c/c
5	1225B	9.00	5.93	111.4	182.1	11.6	15.05	3.78	c/c
6	1227B	9.30	5.93	112.8	181.7	11.6	15.04	3.77	c/c

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard Purge ~ (1L/min)

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FBI

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 45.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia / 2)² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other = Transfer

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[N if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na₂S₂O₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H₂SO₄	YES	NO		
White Poly	4/19/22	12:20	G 2	250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/19/22	12:20	G 1	250, 500, 1L	H₂SO₄	YES	NO		✓
Red Total Poly	/ /	:		125, 250, 500	HNO₃	YES	NO		
Red Diss. Poly	4/19/22	12:20	G 1	250, 500, 1L	HNO₃	YES	YES		✓
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na₂S₂O₃	YES	NO		

White no acid, Yellow H2SO4, Red HNO3

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)																								
	VOA - Glass	(8260)	(8011)								OR []	WA []														
	AMBER - Glass	(8080)	(8150)	(TOX)								OR []	WA []													
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ /CO ₃)	(Cl)	(SO ₄)	(Silica, T.)	(NO ₃)	(BOD)														
	YELLOW - Glass	(COD)	(TOC)	(NH ₃)	(NO ₂ /NO ₃)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)																	
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)	(Be)	(Cd)	(Co)	(Cr)	(Cu)	(Fe)	(Pb)	(Mn)	(Ni)	(Ag)	(Se)	(Ti)	(V)	(Zn)	(Hardness)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)	(Be)	(Cd)	(Co)	(Cr)	(Cu)	(Fe)	(Pb)	(Mn)	(Ni)	(Ag)	(Se)	(Ti)	(V)	(Zn)	(Hardness)
	WHITE - Poly	(Orthophosphate)																								
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)																								

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O₂ (mg/l)	Water Quality
0	6(1220)	0.00	—	—	—	—	—	—	—
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected near P-07A using lab supplied
DI water

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

Spring 2022

Surface Water

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: SYR SW-1

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 48 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other = Stainless Steel Dipper

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/12/22	10:30	G	3	40 ml	HCl	YES	NO	
VOA Glass	/ /	:			40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	4/12/22	10:30	G	4	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/12/22	10:30	G	3	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	4/12/22	10:30	G	2	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	/ /	:			250, 500, 1L	HNO ₃	YES	YES	
White Poly	4/12/22	10:30	G	1	250, 500, 1L	None	YES	YES	
Clear Poly	4/12/22	10:30	G	2	100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

15

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260) (8011)	OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (DS) (SS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO3) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	G (1030)	0.00	6.43	199.3	87.9	9.70	-	15.66	Cloudy tan
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Grab with Stainless steel bailer

SAMPLER:

T. Holtquist

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: SYR SW-2

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 45.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:						X 1
/ /	:						X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other = Stainless Steel Dipper

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/21/22	08:35	G	3 40 ml	HCl	YES	NO		✓
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/21/22	08:35	G	4 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	4/21/22	08:35	G	3 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	4/21/22	08:35	G	2 125, 250, 500	HNO ₃	YES	NO		✓
Red Diss. Poly	/ /	:		250, 500, 1L	HNO ₃	YES	YES		
White Poly	4/21/22	08:35	G	1 250, 500, 1L	None	YES	YES		✓
Clear Poly	4/21/22	08:35	G	2 100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		✓

White no acid, Yellow H₂SO₄, Red HNO₃

15

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (S) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	G (0835)	0.00	6.36	176.9	83.3	9.9	-	10.03	clear, light tan
1									
2									
3									
4									
5									
6									

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Grab with Stainless steel Dipper

SAMPLER:

J. Hultquist
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 57R MW-12A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 50.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

(Water Column x Gal/ft)

Date		Time		DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1 X 3	Volume (gal)		
Gal/ft = (dia./2) ² x 0.163		1" =		0.041		2" = 0.163		3" = 0.367		4" = 0.653		6" = 1.469		10" = 4.080		12" = 5.875	

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other = Stainless Steel Dipper

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

(✓ if used)

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/21/22	09:35	G	3	40 ml	HCl	YES	NO	✓
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/21/22	09:35	G	4	250, 500, 1L	None	YES	NO	NA ✓
Yellow Glass	4/21/22	09:35	G	3	250, 500, 1L	H ₂ SO ₄	YES	NO	✓
Red Total Poly	4/21/22	09:35	G	1#32	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	/ /	:		250, 500, 1L	HNO ₃	YES	YES		
White Poly	4/21/22	09:35	G	1	250, 500, 1L	None	YES	YES	
Clear Poly	4/21/22	09:35	G	2	100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 15

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260) (8011)	OR ☒] WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (SS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (PO ₄)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E-Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	09:35	0.00	6.75	156.3	133.0	10.7	—	7.54	tan, clear
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Grab with stainless steel bailer

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

Spring 2022

Leachate Management System Liquids

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: Leach Pond

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 53.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	(DT-Water	(Product Thickness)	(Water Column)	(Water Column x Gal/ft)
4/20/22	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" =	0.163	3" =	0.367	4" =
				0.653	6" =	1.469	10" =
						4.080	12" =
							5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/20/22	09:45	G	3	40 ml	HCl	YES	NO	
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/20/22	09:45	G	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/20/22	09:45	G	2	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	4/20/22	9:45	G	1	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	4/20/22	9:45	G	1	250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

4 Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8260)	(8011) OR [] WA []
	AMBER - Glass	(8080)	(8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Si) (SO ₄) (Silica, T.) (NO ₃) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	E-6945	0.00	8.25	273	8237	10.0	-	2.95	DARK BROWN
1		.	.	.	.	.	.	.	
2		.	.	.	.	.	.	.	
3		.	.	.	.	.	.	.	
4		.	.	.	.	.	.	.	
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected from base of truck hauler tree.

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: L Pond LDS

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 48.0 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/20/22	10:30	A	3 40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/20/22	10:30	A	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	4/20/22	10:30	A	2 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	4/20/22	10:30	A	1 125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/20/22	10:30	A	1 250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

9

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(1030)	0.00	7.60	336.3	2600	11.7	~	2.96	
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Liquid level 16.2

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 1/5P

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: ° F ° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

(Product Thickness)

(Water Column)

(Circle appropriate units)

(Water Column x Gal/ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/20/22	11:30	A	3	40 ml	HCl	YES	NO	
VOA Glass	/ /	:			40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	4/20/22	11:30	A	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/20/22	11:30	A	4	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	4/20/22	11:30	A	1	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	4/20/22	11:30	A	1	250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:			250, 500, 1L	None	YES	YES	
Clear Poly	/ /	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(1130)	0.00	7.24	75.2	9524	20.1	—	0.74	Black / Brown
1		.	.	.	.	.	.	.	
2		.	.	.	.	.	.	.	
3		.	.	.	.	.	.	.	
4		.	.	.	.	.	.	.	
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Liquid level - 20.9"

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

[Signature]
(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 4/SS

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 50.0 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1 X 3	Volume (gal)	
Gal/ft = (dia./2) ² x 0.163		1" = 0.041		2" = 0.163		3" = 0.367		4" = 0.653		6" = 1.469		10" = 4.080		12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	<u>4/20/22</u>	<u>12:15</u>	<u>A</u>	<u>3</u>	<u>40 ml</u>	<u>HCl</u>	<u>YES</u>	<u>NO</u>	
VOA Glass	<u>1/1</u>	<u>:</u>			<u>40 ml</u>	<u>Na₂S₂O₃</u>	<u>YES</u>	<u>NO</u>	
Amber Glass	<u>1/1</u>	<u>:</u>			<u>250, 500, 1L</u>	<u>H₂SO₄</u>	<u>YES</u>	<u>NO</u>	
White Poly	<u>4/20/22</u>	<u>12:15</u>	<u>A</u>	<u>2</u>	<u>250, 500, 1L</u>	<u>None</u>	<u>YES</u>	<u>NO</u>	<u>NA</u>
Yellow Glass	<u>4/20/22</u>	<u>12:15</u>	<u>A</u>	<u>4</u>	<u>250, 500, 1L</u>	<u>H₂SO₄</u>	<u>YES</u>	<u>NO</u>	
Red Total Poly	<u>4/20/22</u>	<u>12:15</u>	<u>A</u>	<u>1</u>	<u>125, 250, 500</u>	<u>HNO₃</u>	<u>YES</u>	<u>NO</u>	
Red Diss. Poly	<u>4/20/22</u>	<u>12:15</u>	<u>A</u>	<u>1</u>	<u>250, 500, 1L</u>	<u>HNO₃</u>	<u>YES</u>	<u>YES</u>	
White Poly	<u>1/1</u>	<u>:</u>			<u>250, 500, 1L</u>	<u>None</u>	<u>YES</u>	<u>YES</u>	
Clear Poly	<u>1/1</u>	<u>:</u>			<u>100, 250, 500</u>	<u>Na₂S₂O₃</u>	<u>YES</u>	<u>NO</u>	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8260) (8011)	OR []	WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)		
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
<u>0</u>	<u>A (1215)</u>	<u>0.00</u>	<u>6.44</u>	<u>3.7</u>	<u>1552</u>	<u>27.6</u>	<u>-</u>	<u>2.76</u>	<u>Clear</u>
<u>1</u>									
<u>2</u>									
<u>3</u>									
<u>4</u>									
<u>5</u>									
<u>6</u>									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

liquid level 16.3"

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB2

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 49.0 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1	X 3	Volume (gal)
														
														
Gal/ft = (dia /2) ² x 0.163	1" =	0.041	2" =	0.163	3" =	0.367	4" =	0.653	6" =	1.469	10" =	4.080	12" =	5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	<u>4/20/22</u>	<u>12:40</u>	<u>A</u>	<u>3</u>	<u>40 ml</u>	<u>HCl</u>	<u>YES</u>	<u>NO</u>	<u>✓</u>
VOA Glass	<u>1/1</u>	<u>:</u>			<u>40 ml</u>	<u>Na₂S₂O₃</u>	<u>YES</u>	<u>NO</u>	
Amber Glass	<u>1/1</u>	<u>:</u>			<u>250, 500, 1L</u>	<u>H₂SO₄</u>	<u>YES</u>	<u>NO</u>	
White Poly	<u>4/20/22</u>	<u>12:40</u>	<u>A</u>	<u>2</u>	<u>250, 500, 1L</u>	<u>None</u>	<u>YES</u>	<u>NO</u>	<u>✓</u>
Yellow Glass	<u>4/20/22</u>	<u>12:40</u>	<u>A</u>	<u>2</u>	<u>250, 500, 1L</u>	<u>H₂SO₄</u>	<u>YES</u>	<u>NO</u>	<u>✓</u>
Red Total Poly	<u>4/20/22</u>	<u>12:40</u>	<u>A</u>	<u>2</u>	<u>125, 250, 500</u>	<u>HNO₃</u>	<u>YES</u>	<u>NO</u>	
Red Diss. Poly	<u>4/20/22</u>	<u>12:40</u>	<u>A</u>	<u>4</u>	<u>250, 500, 1L</u>	<u>HNO₃</u>	<u>YES</u>	<u>YES</u>	
White Poly	<u>1/1</u>	<u>:</u>			<u>250, 500, 1L</u>	<u>None</u>	<u>YES</u>	<u>YES</u>	
Clear Poly	<u>1/1</u>	<u>:</u>			<u>100, 250, 500</u>	<u>Na₂S₂O₃</u>	<u>YES</u>	<u>NO</u>	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)	
	VOA - Glass	(8250) (8011)	OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (SO ₄) (Silica, T) (NO ₃) (BOD)	
	YELLOW - Glass	(COD) (TOC) (NIR) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)	
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
	WHITE - Poly	(Orthophosphate)	
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	<u>A (12:40)</u>	<u>0.00</u>	<u>7.5</u>	<u>150</u>	<u>150</u>	<u>55</u>	<u>1.5</u>	<u>1.5</u>	<u>1.5</u>
1									
2									
3									
4									
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected @ 4:55 ET

Collected near 4/55 using lab supplied DI water

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill
SITE ADDRESS: McMinnville, Oregon

WELL ID: 6/7P
BLIND ID:

DUP ID: NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? **TEMPERATURE:** ° F ° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

(Product Thickness)

(Water Column)

(Water Column x Gal/ft)

Date	Time	DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1 X 3	Volume (gal)	
/ /	:	.		.		.		.		.				
/ /	:	.		.		.		.		.				
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" =	0.163	3" =	0.367	4" =	0.653	6" =	1.469	10" =	4.080	12" =	5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/20/22	13:30	A	3	40 ml	HCl	YES	NO	
VOA Glass	/ /	:			40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	4/20/22	13:30	A	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/20/22	13:30	A	4	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	4/20/22	13:30	A	1	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	4/20/22	13:30	A	1	250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:			250, 500, 1L	None	YES	YES	
Clear Poly	/ /	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX) (NO ₂)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(1330)	0.00	7.32	-20.9	11177	21.6	/	1.12	Very DARK
1		.	.	.	.	.	.	.	
2		.	.	.	.	.	.	.	
3		.	.	.	.	.	.	.	
4		.	.	.	.	.	.	.	
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Liquid 101 ~ 10.8"

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 10/75

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 58 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1 X 3	Volume (gal)		
Gal/ft = (dia./2) ² x 0.163		1" =	0.041	2" =	0.163	3" =	0.367	4" =	0.653	6" =	1.469	10" =	4.080	12" =	5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/22/22	11:00	A	3 (40 ml)	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	11:00	A	2 (250, 500)	None	YES	NO	NA	
Yellow Glass	4/22/22	11:00	A	4 (250, 500, 1L)	H ₂ SO ₄	YES	NO		
Red Total Poly	4/22/22	11:00	A	1 (125, 250, 500)	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	11:00	A	1 (250, 500, 1L)	HNO ₃	<u>YES</u>	<u>YES</u>		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(B260)	(8011)	OR [] WA []
	AMBER - Glass	(8080)	(8150) (TOX)	OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO3) (BOD)		
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(100)	0.00	6.65	-22.1	261.4	25.5	—	2.21	Green / Clear
1		.	.	.	.	.	.	.	
2		.	.	.	.	.	.	.	
3		.	.	.	.	.	.	.	
4		.	.	.	.	.	.	.	
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

liquid level 2.7'

SAMPLER:

EDAN Taylor
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 85

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: (N) NE E SE S SW W NW (LIGHT) MEDIUM HEAVY
WEATHER: (SUNNY) CLOUDY RAIN ? TEMPERATURE: (54.0) °F (5.0) °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/1	10:15						X 1
1/1	10:15						X 3
Gal/ft = (dia / 2)² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/22/20	10:15	A	3 40 ml	HCl	YES	NO		
VOA Glass	1/1	:		40 ml	Na₂S₂O₃	YES	NO		
Amber Glass	1/1	:		250, 500, 1L	H₂SO₄	YES	NO		
White Poly	4/22/20	10:15	A	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	4/22/20	10:15	A	4 250, 500, 1L	H₂SO₄	YES	NO		
Red Total Poly	4/22/20	10:15	A	1 125, 250, 500	HNO₃	YES	NO		
Red Diss. Poly	4/22/20	10:15	A	1 250, 500, 1L	HNO₃	YES	YES		
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na₂S₂O₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO₃/CO₃) (Cl) (SO₄) Silica, T. (NO₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH₃) (NO₃/NO₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (B) (Ba) (Be) (Bi) (Br) (Cd) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	(°F) Temp °C	DTW	Diss O₂ (mg/l)	Water Quality
0	A(1015)	0.00	6.76	63.9	2258	22.2	✓	1.37	Clear/greenish
1									
2									
3									
4									
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

liquid level - 12.4"

SAMPLER:

(PRINTED NAME)

EDAN TAYLOR

(SIGNATURE)

[Signature]

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 8P

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:

N NE E SE S SW W NW

LIGHT

MEDIUM

HEAVY

WEATHER:

SUNNY

CLOUDY

RAIN

?

TEMPERATURE:

58

°C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/1	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" =	0.163	3" =	0.367	4" =
				0.653	6" =	1.469	10" =
						4.080	12" =
							5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/22/22	7:45	A	3	40 ml	HCl	YES	NO	
VOA Glass	1/1	:			40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	1/1	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	4/22/22	7:45	A	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/22/22	7:45	A	4	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	4/22/22	7:45	A	1	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	4/22/22	7:45	A	1	250, 500 1L	HNO ₃	YES	YES	
White Poly	1/1	:			250, 500, 1L	None	YES	YES	
Clear Poly	1/1	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8209) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Zn) (Zr) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(0745)	0.00	7.10	50.2	5426	14.0	-	4.04	DARK Brown
1									
2									
3									
4									
5									
6									

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

liquid level 11.4"

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 9P

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: ☒ N ☒ NE ☐ E ☐ SE ☐ S ☐ SW ☐ W ☐ NW ☒ LIGHT ☐ MEDIUM ☐ HEAVY
WEATHER: ☒ SUNNY ☐ CLOUDY ☐ RAIN ☐ ? TEMPERATURE: ☒ 61 °F ☐ °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1 X 3	Volume (gal)		
/ /	:	.	.	.	.	.	.	.	.	.	.				
/ /	:	.	.	.	.	.	.	.	.	.	.				
Gal/ft = (dia./2) ² x 0.163		1" =	0.041	2" =	0.163	3" =	0.367	4" =	0.653	6" =	1.469	10" =	4.080	12" =	5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	4/22/22	12:00	A	3 40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	12:00	A	2 250, 500 (1L)	None	YES	NO	NA	
Yellow Glass	4/22/22	12:00	A	4 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	4/22/22	12:00	A	1 125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	4/22/22	12:00	A	1 250, 500 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [✓] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	A (1200)	0.00	8.10	39.6	9741	16.4	✓	10.51	Dark Brown
1			.	.	.	.	.	.	
2			.	.	.	.	.	.	
3			.	.	.	.	.	.	
4			.	.	.	.	.	.	
5			.	.	.	.	.	.	
6			.	.	.	.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

liquid level -23.5"

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: 95

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: ☒ N ☐ NE ☐ E ☐ SE ☐ S ☐ SW ☐ W ☐ NW ☒ LIGHT ☐ MEDIUM ☐ HEAVY
WEATHER: ☒ SUNNY ☐ CLOUDY ☐ RAIN ☐ ? TEMPERATURE: ° F ° C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

HYDRO-CALCULATION SHEET (Feet-Dia.)										Feet-Dia.		Feet-Dia.			
Date	Time	DT-Bottom		DT-Product		DT-Water		DTP-DTW		DTB-DTW		X 1	X 3	Volume (gal)	
/ /	:	.		.		.		.		.					
/ /	:	.		.		.		.		.					
Gal/ft = (dia./2) ² x 0.163		1" =	0.041	2" =	0.163	3" =	0.367	4" =	0.653	6" =	1.469	10" =	4.080	12" =	5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	4/22/22	12:20	A	3	40 ml	HCl	YES	NO	
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	4/22/22	12:20	A	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	4/22/22	12:20	A	4	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	4/22/22	12:20	A	1	125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	4/22/22	12:20	A	1	250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8260) (8011)	OR 1	WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (FOS) (SS) (Alkalinity) (H ₂ O/CO ₂) (Cl) (SO ₄) (Silica, T) (NO ₃) (BOD)		
	YELLOW - Glass	(COD) (DOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Pb) (Mn) (Ni) (Ag) (Se) (Tl) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	A (1200)	0.00	7.0	-14.6	4578	25.6	<	1.45	Dark Brown
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

liquid level - 14.7"

Water color lightened as water was sampled

SAMPLER:

EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

Fall 2022

Compliance Groundwater

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue

Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-12A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:

N

NE

E

SE

S

SW

W

NW

LIGHT

MEDIUM

HEAVY

WEATHER:

SUNNY

CLOUDY

RAIN

?

TEMPERATURE:

64.7

°C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
15/11/14	14:30	27.60	.	13.51	.	14.09	X 1 2.29
1/1	:	.	.	.	.	.	X 3 6.89
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/15/12	15:25	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	11/15/12	15:25	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/12	15:25	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	11/15/12	15:25	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/12	15:25	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

1/1

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (C) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1430)	0.00	6.02	135.0	444.1	11.0	13.51	10.52	
1	F(1446)	2.30	5.95	145.1	449.8	10.6	14.03	10.55	
2	F(1502)	4.60	5.94	153.2	471.4	10.8	14.05	10.52	
3	F(1518)	6.90	5.96	170.4	484.1	10.8	10.05	10.56	
4	F(1521)	7.30	5.97	173.6	484.2	10.8	14.05	10.58	
5	F(1522)	7.65	5.97	175.3	486.9	10.8	14.05	10.54	
6									

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

STANDARD PURGE (10/5/25) ~ 850 ml/min

SAMPLER: E. TALOR

(PRINTED NAME)

(SIGNATURE)

for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-12B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:	N	NE	E	SE	S	SW	W	NW	LIGHT	MEDIUM	HEAVY
WEATHER:	SUNNY	CLOUDY	RAIN					?	TEMPERATURE:	60 F	°C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	X 1	Volume (gal)					
/ /	:	46.20	.	22.04	.	.							
/ /	:	.	.	.	.	.		X 3					
Gal/ft = (dia./2) ² x 0.163													
1" =	0.041	2" =	0.163	3" =	0.367	4" =	0.653	6" =	1.469	10" =	4.080	12" =	5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/15/22	15:50	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	11/15/22	15:50	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/22	15:50	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	11/15/22	15:50	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/22	15:50	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)																								
	VOA - Glass	(8260)	(8011)								OR ☒	WA []														
	AMBER - Glass	(8080)	(8150)	(TOX)								OR []	WA []													
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ /CO ₃)	(Cl)	(SO ₄)	(Silica, T.)	(NO3)	(BOD)														
	YELLOW - Glass	(COD)	(TOC)	(NH)	(NO ₃ /NO ₂)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)																	
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)	(Be)	(Cd)	(Co)	(Cr)	(Cu)	(Fe)	(Pb)	(Mn)	(Ni)	(Ag)	(Se)	(Ti)	(V)	(Zn)	(Hardness)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)																			
	WHITE - Poly	(Orthophosphate)																								
	Clear - Poly	(E. Coli)	(Coliform)	(Fecal Coliform)																						

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	FL1530	0.00	6.68	174.8	618.0	16.7	22.04	0.70	TAN/CLOUDY
1	FL1534	0.50	6.93	169.3	715.0	10.8	22.31	0.59	TAN/CLOUDY
2	FL1539	1.00	7.05	151.7	742.0	10.8	32.31	0.7051	TAN/CLEAR
3	FL1540	1.20	7.08	125.6	743.0	10.8	22.31	0.50	TAN/CLEAR
4	FL1545	1.40	7.10	128.4	747.0	10.8	22.31	0.50	TAN/CLEAR
5	FL1548	1.60	7.10	128.5	742.0	10.8	22.31	0.51	TAN/CLEAR
6	FL1549								TAN/CLOUDY

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

LOW FLOW PURGE METHOD (11/9/25 PSI) ~ 1400 ml/min

SAMPLER:

E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-14A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 53. °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/5/23	11:00	23.60	.	7.55	.	10.05	X 1 2.61
/	:	.	.	.	.	.	X 3 7.83
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	1/5/23	11:50	F	3 40 ml	HCl	YES	NO		
VOA Glass	1/5/23	11:50	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	1/5/23	11:50	F	2 (250, 500, 1L)	None	YES	NO	NA	
Yellow Glass	1/5/23	11:50	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	1/5/23	11:50	F	1 250 (500, 1L)	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H2SO4, Red HNO3

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ -N) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time: 11:00

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	FC1110	0.00	5.77	259.3	317.7	10.4	7.55	4.80	clear/color/SS
1	FC1121	2.65	5.84	259.6	318.1	10.4	7.49	5.13	C/C
2	FC1133	5.30	5.90	260.8	316.7	10.5	7.51	4.79	C/C
3	FC1147	7.85	5.90	260.9	310.4	10.5	7.51	4.82	C/C
4	FC1149	7.90	5.90	260.9	308.6	10.5	7.51	4.83	C/C
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

C/C = clear / color / SS

Standard Purge (11/9/20 psi) @ 600 mL/min

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: Dup 105231

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 65.3 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/5/23	:						X 1
/ /	:						X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	(2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	1/5/23	11:55	F	3 40 ml	HCl	YES	NO		
VOA Glass	1/5/23	11:55	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	1/5/23	11:55	F	2 (250) 500, (1L)	None	YES	NO	NA	
Yellow Glass	1/5/23	11:55	F	2 (250) 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	1/5/23	11:55	F	1 (250) 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0		0.00	.			.	.	.	
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

collected at MW-144

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-14B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N (NE) E SE S SW W NW LIGHT (MEDIUM) HEAVY
WEATHER: (SUNNY) CLOUDY RAIN ? TEMPERATURE: (°F) °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	11:50	44.60	.	20.38	.	.	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	<u>(2")</u> 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/15/22	12:15	F	3	40 ml	HCl	<u>(YES)</u>	<u>(NO)</u>	✓
VOA Glass	11/15/22	12:15	F	3	40 ml	Na ₂ S ₂ O ₃	<u>(YES)</u>	<u>(NO)</u>	✓
Amber Glass	1/1	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	11/15/22	12:15	F	2	250, 500, 1L	None	<u>(YES)</u>	<u>(NO)</u>	NA ✓
Yellow Glass	11/15/22	12:15	F	2	250, 500, 1L	H ₂ SO ₄	<u>(YES)</u>	<u>(NO)</u>	✓
Red Total Poly	1/1	:			125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	11/15/22	12:15	F	1	250, 500, 1L	HNO ₃	<u>(YES)</u>	<u>(YES)</u>	✓
White Poly	1/1	:			250, 500, 1L	None	YES	YES	
Clear Poly	1/1	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	<u>(8260)</u> <u>(8011)</u> OR <u>(X)</u> WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) <u>(TDS)</u> (TSS) <u>(Alkalinity)</u> (HCO ₃ /CO ₃) <u>(Cl)</u> <u>(SO₄)</u> (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) <u>(TOC)</u> <u>(NH₄)</u> <u>(NO₃/NO₂)</u> (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	<u>(Ca)</u> <u>(Fe)</u> <u>(Mg)</u> <u>(Mn)</u> <u>(K)</u> <u>(Na)</u>
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	FC(1150)	0.00	6.80	201.4	528.2	10.7	20.38	0.68	TAN/CLOUDY
1	FL(1159)	0.50	6.93	198.5	524.2	10.7	20.44	0.66	CLEAR/CLOUDY
2	FL(1206)	1.00	7.14	161.3	524.5	10.7	20.44	0.64	CLEAR/CLOUDY
3	FL(1209)	1.20	7.15	159.1	524.7	10.7	20.44	0.64	CLEAR/CLOUDY
4	FL(1212)	1.40	7.15	158.4	525.3	10.7	20.44	0.63	CLEAR/CLOUDY
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Low FLOW PURGE METHOD (11/19/25 PSI) ✓ 350 mL/min

SAMPLER: E. TAYLOR
(PRINTED NAME)

(SIGNATURE)

[Signature] for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-154

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 52 °F 52 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/5/22	12:40	24.00	.	8.17	.	15.83	X 1 2.58
1/1	:	.	.	.	.	.	X 3 7.74

Gal/ft = (dia./2)² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	1/5/22	13:20	F	3 40 ml	HCl	YES	NO		
VOA Glass	1/5/22	13:20	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	1/5/22	13:20	F	2 250, 500, 1L	None	YES	NO	NA	
Yellow Glass	1/5/22	13:20	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	1/5/22	13:20	F	1 250, 500, 1L	HNO ₃	YES	YES		
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1240)	0.00	6.13	263.3	179.0	13.6	8.10	9.39	Cloudy
1	F(1251)	2.40	6.22	265.2	174.5	13.2	14.93	9.05	cloudy / tan
2	F(1302)	5.30	6.07	263.1	171.2	13.4	15.41	8.01	cloudy / tan
3	F(1314)	7.80	6.07	262.9	167.8	13.4	16.48	8.05	cloudy / tan
4	F(1316)	8.10	6.07	262.5	167.4	13.4	16.71	8.06	cloudy / tan
5	F(1318)	8.35	6.07	262.4	167.1	13.4	17.32	8.08	cloudy / tan
6									

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard Purge Method (11/4/25 psi) @ 1L/min

SAMPLER: E. Taylor
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB 1052301

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 52 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/5/23	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	1/5/23	13:25	F	3	40 ml	HCl	YES	NO	
VOA Glass	1/5/23	13:25	F	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	1/1	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	1/5/23	13:25	F	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	1/5/23	13:25	F	2	250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	1/1	:			125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	1/5/23	13:25	F	1	250, 500, 1L	HNO ₃	YES	YES	
White Poly	1/1	:			250, 500, 1L	None	YES	YES	
Clear Poly	1/1	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Ca) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0		0.00	.			.	.	.	
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Taken near MW-15A using lab-supplied DI water

SAMPLER:

E. TAYLOR
(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-15B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 43. °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	09:59	45.95	.	17.46	.	.	X 1 .
1/1	:	.	.	.	.	.	X 3 .
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/15/22	10:25	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	11/15/22	10:25	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/22	10:25	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	11/15/22	10:25	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/22	10:25	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count): 11

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1000)	0.00	6.97	159.6	662	13.0	17.48	0.60	BROWN/CLOUDY
1	F(1007)	0.50	6.98	158.3	672	13.1	17.48	0.48	CLEAR/CLOUDY
2	F(1014)	1.00	6.98	145.7	680	13.1	17.48	0.48	CLEAR/CLOUDY
3	F(1017)	1.25	6.98	144.9	684	13.1	17.48	0.48	CLEAR/COLORLESS
4	F(1020)	1.50	6.98	144.1	707	13.1	17.48	0.48	CLEAR/COLORLESS
5		.	.	.	.	.	.	.	
6		.	.	.	.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

LOWFLOW PURGE METHOD (11/9/25 PSI) ~ 450 ml/min

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

[Signature] for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: DWP 1152201

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: °F 43. °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	.	.	.	.	.	X 1
/ /	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/15/22	10:30	F	3	40 ml	HCl	YES	NO	✓
VOA Glass	11/15/22	10:30	F	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	✓
Amber Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	11/15/22	10:30	F	2	250, 500, 1L	None	YES	NO	✓
Yellow Glass	11/15/22	10:30	F	2	250, 500, 1L	H ₂ SO ₄	YES	NO	✓
Red Total Poly	/ /	:			125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	11/15/22	10:30	F	1	250, 500, 1L	HNO ₃	YES	YES	✓
White Poly	/ /	:			250, 500, 1L	None	YES	YES	
Clear Poly	/ /	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Pump/Bailer Inlet Depth:	Diss O ₂ (mg/l)	Water Quality
0		0.00	.			.	.	.	.	
1		.	.			.	.	.	.	
2		.	.			.	.	.	.	
3		.	.			.	.	.	.	
4		.	.			.	.	.	.	
5		.	.			.	.	.	.	
6		.	.			.	.	.	.	

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED AT MW-15B

SAMPLER: E. TAYLOR
(PRINTED NAME)

for ET
(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-16A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 41 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	08:15	25.00	.	21.06	.	3.94	X 1 0.64
1/1	:	.	.	.	.	.	X 3 1.92
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	(2) = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/16/22	08:25	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	11/16/22	08:25	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/16/22	08:25	F	2 250, 500 (1L)	None	YES	NO	NA	✓
Yellow Glass	11/16/22	08:25	F	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/16/22	08:25	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0815)	0.00	7.32	220.2	328.1	11.6	BTOP	7.38	BROWN
1	F(0820)	0.65	7.30	221.2	322.5	11.6	BTOP	6.27	BROWN/CLEAR
2	F(0825)	1.30	7.28	222.4	322.4	11.5	BTOP	6.25	TAN/CLEAR
3	F(0830)	1.95	6.30	223.1	331.8	11.5	BTOP	6.24	CLEAR/COLORLESS
4	F(0815)	2.15	6.03	170.3	414.1	11.4	BTOP	6.10	TAN/CLOUDY
5	F(0818)	2.35	6.03	169.4	414.2	11.3	BTOP	6.08	TAN/CLOUDY
6	F(0821)	2.50	6.03	169.4	414.2	11.3	BTOP	6.08	TAN/CLOUDY

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

STANDARD PURGE 20/10/20 PSI w 500 ML/MIN

WELL PURGED DRY TO RESUME SAMPLING THE FOLLOWING DAY

SAMPLER: E TAYLOR

(PRINTED NAME)

(SIGNATURE)

[Signature] for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue

Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

 WELL ID: DUP 11162201

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM:	N	<u>NE</u>	E	SE	S	SW	W	NW	LIGHT	<u>MEDIUM</u>	HEAVY
WEATHER:	<u>SUNNY</u>	CLOUDY	RAIN				?	TEMPERATURE:	<u>41</u>	°F	°C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/16/22	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	<u>2"</u> = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/16/22	08:30	F	3	40 ml	HCl	YES	NO	✓
VOA Glass	11/16/22	08:30	F	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/16/22	08:30	F	2	250, 500, 1L	None	YES	NO	✓
Yellow Glass	11/16/22	08:30	F	2	250, 500, 1L	H ₂ SO ₄	YES	NO	✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/16/22	08:30	F	1	250, 500, 1L	HNO ₃	YES	YES	✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

 White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0830)	0.00	.	.	.	.	.	.	.
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED AT MW-16A

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue

Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-16B

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N (NE) E SE S SW W NW LIGHT (MEDIUM) HEAVY
WEATHER: (SUNNY) CLOUDY RAIN ? TEMPERATURE: °F 41. °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	08:46	46.00	.	20.39	.	25.61	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	(2") = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/15/22	09:10	F	3 40 ml	HCl	(YES)	(NO)		✓
VOA Glass	11/15/22	09:10	F	3 40 ml	Na ₂ S ₂ O ₃	(YES)	(NO)		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/22	09:10	F	2 250 500 1L	None	(YES)	(NO)	NA	✓
Yellow Glass	11/15/22	09:10	F	2 250, 500, 1L	H ₂ SO ₄	(YES)	(NO)		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/22	09:10	F	1 250, 500, 1L	HNO ₃	(YES)	(YES)		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8260) (8011)	OR [X]	WA []
	AMBER - Glass	(8080) (8150) (TOX)	OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)		
	YELLOW - Glass	(COD) (VOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)		
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0846)	0.00	6.76	230.3	1053	12.1	20.39	0.99	CLEAR/CLOUDY
1	F(0854)	0.50	6.87	228.4	1052	12.1	20.39	0.76	CLEAR
2	F(0900)	1.00	6.92	226.7	1053	12.1	20.39	0.75	CLEAR
3	F(0903)	1.25	6.94	223.6	1053	12.1	20.39	0.74	CLEAR
4	F(0906)	1.50	6.95	224.1	1052	12.1	20.39	0.74	CLEAR
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

LOW FLOW PURGE (11/9/25 PSI) ~ 450 ML/MIN

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB 11152201

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 68°F 45°C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/15/22	09:20	G	3 40 ml	HCl	YES	NO		✓
VOA Glass	11/15/22	09:20	G	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/22	09:20	G	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	11/15/22	09:20	G	2 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/22	09:20	G	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	G(0920)	0.00							
1									
2									
3									
4									
5									
6									

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED NEAR MW-1613

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-21A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N (NE) E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 46 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	12:50	15.42	.	11.87	.	3.55	X 1 0.57
1/1	:	.	.	.	.	.	X 3 1.73
Gal/ft = (dia./2) ² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/15/22	13:20	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	11/15/22	13:20	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/22	13:20	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	11/15/22	13:20	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/22	13:20	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA			Purge Start Time:				Pump/Bailer Inlet Depth:		
Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1250)	0.00	6.15	99.4	322.6	13.6	11.85	10.40	CLEAR/CLOUDY
1	F(1259)	0.60	6.11	107.9	323.8	13.9	12.28	10.42	CLEAR/COLORLESS
2	F(1308)	1.20	6.09	128.9	319.7	13.8	12.28	10.44	CLEAR/COLORLESS
3	F(1315)	1.80	6.09	130.4	319.4	13.8	12.28	10.44	CLEAR/COLORLESS
4	F(1318)	1.95	6.08	134.7	318.6	13.8	12.28	10.46	CLEAR/COLORLESS
5									
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

STANDARD PURGE METHOD (10/5/25 PSI) ~ 600 ml/min

SAMPLER: E. TAYLOR
(PRINTED NAME)

(SIGNATURE)

[Signature] for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-213

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 46 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/15/22	13:30	30.40	.	12.28	.	.	X 1
1/1	:	.	.	.	.	.	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/15/22	14:15	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	11/15/22	14:15	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/15/22	14:15	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	11/15/22	14:15	F	2 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/15/22	14:15	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

11

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8280) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1330)	0.00	6.44	116.7	464.5	13.4	12.28	1.69	CLEAR/COLORLESS
1	F(1342)	0.50	6.61	168.8	461.4	13.2	12.40	0.62	CLEAR/COLORLESS
2	F(1354)	1.00	6.73	150.1	468.7	13.1	12.40	0.42	CLEAR/COLORLESS
3	F(1405)	1.50	6.75	129.7	471.4	13.1	12.40	0.40	CLEAR/CLOUDY
4	F(1408)	1.60	6.75	128.4	472.0	13.1	12.40	0.39	CLEAR/CLOUDY
5	F(1411)	1.70	6.76	128.2	472.4	13.1	12.40	0.39	CLEAR/COLORLESS
6	F(1414)	1.80	6.75	127.9	472.9	13.1	12.40	0.39	CLEAR/COLORLESS

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

LOW FLOW PURGE METHOD (12/8/20 PSI) ~ 250 ml/min

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

for ET

Fall 2022

Detection Groundwater

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-5A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 43 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW		Volume (gal)
11/17/12	11:50	34.40	.	31.05	.	3.35	X 1	0.54
/ /	:	.	.	.	.	.	X 3	1.63
Gal/ft = (dia/2) ² x 0.163		1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/17/12	12:25	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	11/17/12	12:25	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	/ /	:		250, 500, 1L	None	YES	NO	NA	
Yellow Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	/ /	:		250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

6 Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)							
	VOA - Glass	(8260) (801)						OR [X]	WA []
	AMBER - Glass	(8080) (8150) (TOX)						OR []	WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)							
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)							
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)							
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)							
	WHITE - Poly	(Orthophosphate)							
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)							

WATER QUALITY DATA

Purge Start Time: :

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1204)	0.00	7.22	44.5	605.5	13.6	31.05	9.48	C/C
1	F(1208)	0.54	7.17	31.6	610.7	14.1	31.15	2.85	C/C
2	F(1212)	1.10	7.18	28.4	610.8	14.1	31.65	2.49	C/C
3	F(1216)	1.65	7.17	27.8	610.4	14.1	31.89	2.14	C/C
4	F(1219)	1.80	7.17	27.7	613.2	14.1	31.89	2.13	C/C
5	F(1221)	1.95	7.17	26.5	613.6	14.1	31.90	2.11	C/C
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Standard purge (11/9/12 5 PSI) ~ 600 m/h.n

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

B. Lapace for ET
(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB 111722.01

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 53 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/17/22	:	:	:	:	:	:	X 1
/ /	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/17/22	12:30	F	3	40 ml	HCl	YES	NO	✓
VOA Glass	11/17/22	12:30	F	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	✓
Amber Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	/ /	:			250, 500, 1L	None	YES	NO	NA
Yellow Glass	/ /	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
Red Total Poly	/ /	:			125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	/ /	:			250, 500, 1L	HNO ₃	YES	YES	
White Poly	/ /	:			250, 500, 1L	None	YES	YES	
Clear Poly	/ /	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

6

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR KT WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	G(1230)	0.00	.	.	.	.	.	.	.
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED NEAR MW-5 USING LAB SUPPLIED DI WATER

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

 for ET
(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-19A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 38 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/17/22	09:00	32.06	.	23.75	.	8.25	X 1 1.34
1/1	:	.	.	.	.	.	X 3 4.03
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	(2) = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/17/22	10:25	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	11/17/22	10:25	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/17/22	10:25	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	11/17/22	10:25	F	1 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/17/22	10:25	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

10

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (TOC) (NH ₄) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(0900)	0.00	6.19	188.6	300.9	8.8	23.75	7.45	CLEAR/CLOUDY
1	F(0935)	1.35	7.35	156.5	299.2	10.9	23.83	3.21	CLEAR/CLOUDY
2	F(0957)	2.70	7.48	89.3	298.2	11.0	23.89	2.62	CLEAR/CLOUDY
3	F(1014)	4.05	7.50	29.7	299.3	11.3	23.90	3.33	CLEAR/COLORLESS
4	F(0943)	4.15	7.51	28.1	299.7	11.4	23.90	3.31	CLEAR/COLORLESS
5	F(1020)	4.25	7.53	28.0	299.9	11.4	23.90	3.30	CLEAR/COLORLESS
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

STANDARD PURGE METHOD (10/5/25 PSI) ~ 300 ML/MIN

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

[Signature] for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: DWP 11172201 (FB)

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 38 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/17/22	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/17/22	10:30	F	3 40 ml	HCl	YES	NO		✓
VOA Glass	11/17/22	10:30	F	3 40 ml	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/17/22	10:30	F	2 250, 500, 1L	None	YES	NO	NA	✓
Yellow Glass	11/17/22	10:30	F	1 250, 500, 1L	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/17/22	10:30	F	1 250, 500, 1L	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

10

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
	VOA - Glass	(8260) (8011) OR [X] WA []
	AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
	WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD) (HOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
	WHITE - Poly	(Orthophosphate)
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time: :

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	FC	0.00	.	.	.	.	.	.	.
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED AT MW-19A

SAMPLER: E. TAYLOR
(PRINTED NAME)

(SIGNATURE) 

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-20A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 49 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/16/22	10:10	23.60	.	7.95	.	15.65	X 1 2.55
1/1	:	.	.	.	.	.	X 3 7.65
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/16/22	10:40	F	3 (40 ml)	HCl	YES	NO		✓
VOA Glass	11/16/22	10:40	F	3 (40 ml)	Na ₂ S ₂ O ₃	YES	NO		✓
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/16/22	10:40	F	2 (250, 500, 1L)	None	YES	NO	NA	✓
Yellow Glass	11/16/22	10:40	F	1 (250, 500, 1L)	H ₂ SO ₄	YES	NO		✓
Red Total Poly	1/1	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/16/22	10:40	F	1 (250, 500, 1L)	HNO ₃	YES	YES		✓
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

10

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)		
	VOA - Glass	(8260)	(8011)	OR ☒ WA []
	AMBER - Glass	(8080)	(8150)	(TOX) OR [] WA []
	WHITE - Poly	(pH)	(Conductivity)	(TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
	YELLOW - Glass	(COD)	(TOC)	(NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)		
	RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)		
	WHITE - Poly	(Orthophosphate)		
	Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)		

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1010)	0.00	6.63	202.3	946	12.5	7.95	2.75	TAN/CLEAR
1	F(1017)	2.55	6.67	182.5	950	12.4	13.22	1.62	CLEAR/CLOUDY
2	F(1025)	5.10	6.70	135.5	951	12.4	13.93	1.31	CLEAR/COLORLESS
3	F(1033)	7.65	6.71	87.8	954	12.3	14.13	0.38	CLEAR/COLORLESS
4	F(1036)	7.80	6.71	88.1	954	12.3	14.14	0.37	CLEAR/COLORLESS
5	F(1039)	7.95	6.71	88.0	955	12.3	14.14	0.37	CLEAR/COLORLESS
6									

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

STANDARD PURGE METHOD 20/10/25 PSI @ 850 mL/min

SAMPLER: E. TAYLOR

(PRINTED NAME)

(SIGNATURE)

[Signature] for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB 11162201

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: F 45. °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/16/22	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/16/22	10:50	G	3	40 ml	HCl	YES	NO	✓
VOA Glass	11/16/22	10:50	G	3	40 ml	Na ₂ S ₂ O ₃	YES	NO	✓
Amber Glass	1/1	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	11/16/22	10:50	G	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	11/16/22	10:50	G	1	250, 500, 1L	H ₂ SO ₄	YES	NO	✓
Red Total Poly	1/1	:			125, 250, 500	HNO ₃	YES	NO	
Red Diss. Poly	11/16/22	10:50	G	1	250, 500, 1L	HNO ₃	YES	YES	✓
White Poly	1/1	:			250, 500, 1L	None	YES	YES	
Clear Poly	1/1	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

10

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)																								
	VOA - Glass	(8260)	(8011)	OR ☒ WA []																						
	AMBER - Glass	(8080)	(8150)	(TOX)	OR [] WA []																					
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ /CO ₃)	(Cl)	(SO ₄)	(Silica, T.)	(NO3)	(BOD)														
	YELLOW - Glass	(COD)	(TOC)	(NH ₃)	(NO ₃ /NO ₂)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)																	
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)	(Be)	(Cd)	(Co)	(Cr)	(Cu)	(Fe)	(Pb)	(Mn)	(Ni)	(Ag)	(Se)	(Ti)	(V)	(Zn)	(Hardness)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)																			
	WHITE - Poly	(Orthophosphate)																								
	Clear - Poly	(E. Coli)	(Coliform)	(Fecal Coliform)																						

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	G(1050)	0.00	-	-	-	-	-	-	-
1			.	.	.	.	.	.	.
2			.	.	.	.	.	.	.
3			.	.	.	.	.	.	.
4			.	.	.	.	.	.	.
5			.	.	.	.	.	.	.
6			.	.	.	.	.	.	.

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED NEAR MW-20A

SAMPLER: E. TAYLOR
(PRINTED NAME)

(SIGNATURE) 

Fall 2022

MW-12A Resample

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: MW-12A

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 54 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)
Water Column x Gal/ft

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/13/24	11:30	27.60	.	5.70	.	21.90	X1 3.56
/ /	:	.	.	.	.	.	X3 10.70
Gal/ft = (dia/2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[✓ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	1/13/23	13:45	F	250, 500, 1L	None	YES	NO	NA	
Yellow Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	1/13/23	13:45	F	250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (DS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (TI) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp (°C)	DTW	Diss O ₂ (mg/l)	Water Quality
0	F(1141)	0.00	5.37	140.0	965.7	10.7	6.10	5.16	clear/colorless
1	F(1204)	3.56	6.09	146.0	387.0	10.9	6.42	5.54	c/c
2	F(1226)	7.10	6.13	157.5	383.1	11.0	6.50	4.99	c/c
3	F(1247)	10.70	6.15	167.5	374.3	11.0	6.50	4.96	c/c
4	F(1310)	14.30	6.16	173.5	377.4	11.0	6.52	4.97	c/c
5	F(1350)	17.80	6.18	181.0	374.8	11.1	6.52	4.96	c/c
6	F(1332)	18.00	6.17	182.8	374.4	11.1	6.52	4.95	c/c

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

20/10/20 psi ~ 500' air

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: DUP0113231

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 65.4 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	:	:	:	:	:	X 1
/ /	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	<u>2"</u> 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	<u>1/13/23</u>	<u>13:50</u>	<u>F</u>	<u>1</u> 250, 500, <u>1L</u>	<u>None</u>	<u>YES</u>	<u>NO</u>	NA	
Yellow Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	<u>1/13/23</u>	<u>13:50</u>	<u>F</u>	<u>1</u> 250, 500, <u>1L</u>	<u>HNO₃</u>	<u>YES</u>	<u>YES</u>		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

2

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)							
	VOA - Glass	(8260)	(8011)	OR [] WA []					
	AMBER - Glass	(8080)	(8150)	(TOX)	OR [] WA []				
	WHITE - Poly	(pH) (Conductivity) (<u>TDS</u>) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (<u>Cl</u>) (SO ₄) (Silica, T) (NO ₃) (BOD)							
	YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (TKN) (Total Phos) (TOX)							
	RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)							
	RED DISSOLVED - Poly	(Ca) (Fe) (<u>Mg</u>) (<u>Mn</u>) (K) (<u>Na</u>)							
	WHITE - Poly	(Orthophosphate)							
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)							

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	<u>F(1350)</u>	<u>0.00</u>	<u>7.5</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing]

[Select A-G]

[Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected @ MW-12A

SAMPLER:

(PRINTED NAME)

B. Raposo

(SIGNATURE)

[Signature]

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: FB0113231

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 52 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

[Circle appropriate units]

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
/ /	:	:	:	:	:	:	X 1
/ /	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" = 0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080	12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	/ /	:		40 ml	HCl	YES	NO		
VOA Glass	/ /	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	1/13/23	12:50	G	250, 500, 1L	None	YES	NO	NA	
Yellow Glass	/ /	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	/ /	:		125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	1/13/23	12:50	G	250, 500, 1L	HNO ₃	YES	YES		
White Poly	/ /	:		250, 500, 1L	None	YES	YES		
Clear Poly	/ /	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃

2

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)																								
	VOA - Glass	(8260)	(8011)								OR []	WA []														
	AMBER - Glass	(8080)	(8150)	(TOX)								OR []	WA []													
	WHITE - Poly	(pH)	(Conductivity)	(TDS)	(TSS)	(Alkalinity)	(HCO ₃ /CO ₃)	(Cl)	(SO ₄)	(Silica, T)	(NO ₃)	(BOD)														
	YELLOW - Glass	(COD)	(TOC)	(NH ₃)	(NO ₃ /NO ₂)	(Tannin/Lignin)	(TKN)	(Total Phos)	(TOX)																	
	RED TOTAL - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)	(Si)	(As)	(Sb)	(Ba)	(Be)	(Cd)	(Co)	(Cr)	(Cu)	(Fe)	(Pb)	(Mn)	(Ni)	(Ag)	(Se)	(Ti)	(V)	(Zn)	(Hardness)
	RED DISSOLVED - Poly	(Ca)	(Fe)	(Mg)	(Mn)	(K)	(Na)																			
	WHITE - Poly	(Orthophosphate)																								
	Clear - Poly	(E Coli) (Coliform) (Fecal Coliform)																								

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	6(1250)	0.00							
1		.	.	.	.	.	.	.	.
2		.	.	.	.	.	.	.	.
3		.	.	.	.	.	.	.	.
4		.	.	.	.	.	.	.	.
5		.	.	.	.	.	.	.	.
6		.	.	.	.	.	.	.	.

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

Collected near MW-12A

SAMPLER:

(PRINTED NAME)

(SIGNATURE)

Fall 2022

Leachate Pond and Leachate Pond LDS Liquids

Field Sampling Data Sheets

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID: LEACH POND

SITE ADDRESS: McMinnville, Oregon

BLIND ID:

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 54.8 °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

[Product Thickness]

[Water Column]

(Circle appropriate units)

[Water Column x Gal/ft]

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
1/1	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163	1" =	0.041	2" = 0.163	3" = 0.367	4" = 0.653	6" = 1.469	10" = 4.080
							12" = 5.875

§ METHODS: (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailor (D) PVC/Teflon Bailor (E) Dedicated Bailor (F) Dedicated Pump (G) Other = PORT

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

(if used)

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	✓
VOA Glass	11/17/22	13:40	6	3	40 ml	HCl	YES	NO	✓
VOA Glass	1/1	:			40 ml	Na ₂ S ₂ O ₃	YES	NO	
Amber Glass	1/1	:			250, 500, 1L	H ₂ SO ₄	YES	NO	
White Poly	11/17/22	13:40	6	2	250, 500, 1L	None	YES	NO	NA
Yellow Glass	11/17/22	13:40	6	2	250, 500, 1L	H ₂ SO ₄	YES	NO	✓
Red Total Poly	11/17/22	13:40	6	1	125, 250, 500	HNO ₃	YES	NO	✓
Red Diss. Poly	11/17/22	13:40	6	1	250, 500, 1L	HNO ₃	YES	YES	✓
White Poly	1/1	:			250, 500, 1L	None	YES	YES	
Clear Poly	1/1	:			100, 250, 500	Na ₂ S ₂ O ₃	YES	NO	

White no acid, Yellow H₂SO₄, Red HNO₃

9

Total Bottles (include duplicate count):

BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(8260) (8011) OR [] WA []
AMBER - Glass	(8080) (8150) (TOX) OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T ₁) (NO ₃) (BOD)
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₃ /NO ₂) (Tannin/Lignin) (FKN) (Total Phos) (TOX) (NO ₂)
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)
WHITE - Poly	(Orthophosphate)
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (µS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(1340)	0.00	8.36	121.6	16475	12.2	—	3.89	Brown
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

COLLECTED FROM SAMPLE PORT ON TRUCK LOADING PIPE.

SAMPLER: E. TALOR
(PRINTED NAME)

(SIGNATURE) for ET

FIELD SAMPLING DATA SHEET

SCS ENGINEERS

15490 SW 72nd Avenue
Portland, OR 97224

Office: 503.639.9201

Fax: 503.684.6948

PROJECT NAME: Riverbend Landfill

WELL ID:

SITE ADDRESS: McMinnville, Oregon

BLIND ID: LPOND LDS

DUP ID:

NA

WIND FROM: N NE E SE S SW W NW LIGHT MEDIUM HEAVY
WEATHER: SUNNY CLOUDY RAIN ? TEMPERATURE: 48 °F °C

HYDROLOGY/LEVEL MEASUREMENTS (Nearest 0.01 ft)

Date	Time	DT-Bottom	DT-Product	DT-Water	DTP-DTW	DTB-DTW	Volume (gal)
11/17/22	:	:	:	:	:	:	X 1
1/1	:	:	:	:	:	:	X 3
Gal/ft = (dia./2) ² x 0.163 1" = 0.041 2" = 0.163 3" = 0.367 4" = 0.653 6" = 1.469 10" = 4.080 12" = 5.875							

§ METHODS (A) Submersible Pump (B) Peristaltic Pump (C) Disposable Bailer (D) PVC/Teflon Bailer (E) Dedicated Bailer (F) Dedicated Pump (G) Other =

GROUNDWATER SAMPLING DATA (if product is detected, do NOT sample)

Sample Depth:

[√ if used]

Bottle Type	Date	Time	Method §	Amount & Volume	Preservative	Ice	Filter	pH	√
VOA Glass	11/17/22	13:10	3	40 ml	HCl	YES	NO		
VOA Glass	1/1	:		40 ml	Na ₂ S ₂ O ₃	YES	NO		
Amber Glass	1/1	:		250, 500, 1L	H ₂ SO ₄	YES	NO		
White Poly	11/17/22	13:10	2	250, 500, 1L	None	YES	NO	NA	
Yellow Glass	11/17/22	13:0	2	250, 500, 1L	H ₂ SO ₄	YES	NO		
Red Total Poly	11/17/22	13:0	1	125, 250, 500	HNO ₃	YES	NO		
Red Diss. Poly	11/17/22	13:0	1	250, 500, 1L	HNO ₃	YES	YES		
White Poly	1/1	:		250, 500, 1L	None	YES	YES		
Clear Poly	1/1	:		100, 250, 500	Na ₂ S ₂ O ₃	YES	NO		

White no acid, Yellow H₂SO₄, Red HNO₃ 9

Total Bottles (include duplicate count):

Analysis Allowed per Bottle Type	BOTTLE TYPE	TYPICAL ANALYSIS ALLOWED PER BOTTLE TYPE (Circle applicable or write non-standard analysis below)
VOA - Glass	(B260) (8011)	OR [X] WA []
AMBER - Glass	(8080) (8150) (TOX)	OR [] WA []
WHITE - Poly	(pH) (Conductivity) (TDS) (TSS) (Alkalinity) (HCO ₃ /CO ₃) (Cl) (SO ₄) (Silica, T.) (NO ₃) (BOD)	
YELLOW - Glass	(COD) (TOC) (NH ₃) (NO ₂ /NO ₃) (Tannin/Lignin) (TKN) (Total Phos) (TOX) (NO ₂)	
RED TOTAL - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na) (Si) (As) (Sb) (Ba) (Be) (Cd) (Co) (Cr) (Cu) (Fe) (Pb) (Mn) (Ni) (Ag) (Se) (Ti) (V) (Zn) (Hardness)	
RED DISSOLVED - Poly	(Ca) (Fe) (Mg) (Mn) (K) (Na)	
WHITE - Poly	(Orthophosphate)	
Clear - Poly	(E. Coli) (Coliform) (Fecal Coliform)	

WATER QUALITY DATA

Purge Start Time:

Pump/Bailer Inlet Depth:

Meas.	Method §	Purged (gal)	pH	ORP	E Cond (μS)	°F Temp °C	DTW	Diss O ₂ (mg/l)	Water Quality
0	A(1310)	0.00	6.91	1058	5573	11.5	-	1.55	BROWN
1		.	.			.	.	.	
2		.	.			.	.	.	
3		.	.			.	.	.	
4		.	.			.	.	.	
5		.	.			.	.	.	
6		.	.			.	.	.	

[Casing] [Select A-G] [Cumulative Totals]

[Circle units]

[Clarity, Color]

LIQUID LEVEL 9.6'

SAMPLER: EDAN TAYLOR
(PRINTED NAME)

for ET
(SIGNATURE)

Landfill Site Inspection Checklists

Landfill Visual Inspection Program

	Yes	No
Are there any surface water impoundment's or erosion from heavy surface water runoff?	☐	☒
Are any monitoring wells or piezometers not clearly identified?	☒	☐
Are there any area's of distressed vegetation or unexplained animal remains?	☐	☒
Are there any areas of stained or tinted soils?	☐	☒
Is liquid seeping out of the slopes of the waste unit?	☐	☒
Are there any abnormal odors or observable vapors?	☐	☒
Are any of the monitoring wells damaged or unsecured?	☐	☒
Are there any abnormal conditions that are of concern to the Landfill operation?	☐	☒

Landfill Riverbend Landfill
 Inspector J. Hultquist
 Date 4/18/22
 Reason for inspection
 1st, ~~2nd~~, 3rd, or 4th groundwater monitoring event
 Other

Notes:

Rain 50°F
Monitoring well labels fading



WASTE MANAGEMENT, INC.
GROUNDWATER SAMPLING
INSPECTION CHECKLIST

Facility Name: Riverbend Landfill
Inspection Date: 4-18-22
Weather Conditions: Rain 50°F

Facility No/Location: Mcminnville OR
Time of Day: Daylight hours

Facility Type: () MSW () Industrial () C & D () Other _____
() Detection () Assessment () Other _____
() Quarterly (X) Semiannual () Other/Special _____
() Appendix I () Appendix II () Additional (y or n) _____

Number of Wells Sampled: _____ No. Alt. Pts Sampled (e.g. springs) _____

Wells Inspected: All wells and piezometers

I. General Monitoring Well Condition

Well(s) Labeled? (X) Yes or () No

COMMENTS: Some labels beginning to fade.

Groundwater Monitoring Well(s) Condition:

COMMENTS: Wells in good condition.

II. Well Monitoring Procedures

Were water levels made prior to purging? (X) Yes or () No

DESCRIBE BRIEFLY: Solinist water level meter, disconnected between readings

Were purge volumes measured? (X) Yes or () No

DESCRIBE HOW: Calibrated 5 gal bucket

Purge Method: (X) Stabilization (X) 3 Volumes () Other _____

DESCRIBE BRIEFLY:

What field parameters were used to determine representative samples?

DESCRIBE BRIEFLY: Temp, Conductivity, pH, DO, Water level

Did Well sampling require more than one day? (X) Yes or () No Provide Dates: 4/19-22/22

III. Well Sampling Procedures

Sampler had map w/ well locations: (X) Yes or () No

COMMENTS:

Sampler had a copy of the sampling procedures during sampling: (X) Yes or () No

COMMENTS:

Sampler followed sampling procedures: (X) Yes or () No

COMMENTS:

Sampling procedures were as approved in the approved facility GWMP: (X) Yes or () No

COMMENTS:

Decontamination procedures adequate (describe for meters and pumps): (X) Yes or () No

COMMENTS:

Any observed inappropriate techniques or procedures: () Yes or (X) No

COMMENTS:

Inspected By: _____
Sampler: J. H. Hqvist
Sampler: _____
Facility Rep: _____

Signature: _____
Signature: [Signature]
Signature: _____
Signature: _____

Date: _____
Date: 4/22/22
Date: _____
Date: _____

(Use Back side for additional Comments. Provide copies to sampler and facility)

Landfill Visual Inspection Program

Are there any surface water impoundment's or erosion from heavy surface water runoff?

Yes	No
☐	☒

Are any monitoring wells or piezometers not clearly identified?

☐	☒
--------------------------	-------------------------------------

Are there any area's of distressed vegetation or unexplained animal remains?

☐	☒
--------------------------	-------------------------------------

Are there any areas of stained or tinted soils?

☐	☒
--------------------------	-------------------------------------

Is liquid seeping out of the slopes of the waste unit?

☐	☒
--------------------------	-------------------------------------

Are there any abnormal odors or observable vapors?

☐	☒
--------------------------	-------------------------------------

Are any of the monitoring wells damaged or unsecured?

☐	☒
--------------------------	-------------------------------------

Are there any abnormal conditions that are of concern to the Landfill operation?

☐	☒
--------------------------	-------------------------------------

Landfill Riverbend Landfill

Inspector EDAN TAYLOR

Date 11/14/02

Reason for inspection HAZARD monitoring event

1st, 2nd, 3rd, or (4th) groundwater monitoring event

Other

Notes: Sunny, Glazy, light wind 42°F



WASTE MANAGEMENT, INC.
GROUNDWATER SAMPLING
INSPECTION CHECKLIST

Facility Name: Riverbend Landfill
Inspection Date: 11/16/22
Weather Conditions: Cloudy 43°F

Facility No/Location: Mcminnville, OR
Time of Day: Daylight hours

Facility Type: ☒ MSW ☐ Industrial ☐ C & D ☐ Other _____
☒ Detection ☐ Assessment ☐ Other _____
☐ Quarterly ☒ Semiannual ☐ Other/Special _____
☐ Appendix I ☐ Appendix II ☐ Additional (y or n) _____

Number of Wells Sampled: 11 No. Alt. Pts Sampled (e.g. springs) Leach Pond / CDS
Wells Inspected: All wells and Piezometers

I. General Monitoring Well Condition

Well(s) Labeled? ☒ Yes or ☐ No
COMMENTS:

Groundwater Monitoring Well(s) Condition:
COMMENTS: Good

II. Well Monitoring Procedures

Were water levels made prior to purging? ☒ Yes or ☐ No
DESCRIBE BRIEFLY: Water levels measured on 11/14/22 using Sontek WL meter

Were purge volumes measured? ☒ Yes or ☐ No
DESCRIBE HOW: Measured in calibrated 6 gallon bucket

Purge Method: ☒ Stabilization ☒ 3 Volumes ☐ Other _____
DESCRIBE BRIEFLY: Both standard and low flow

What field parameters were used to determine representative samples?
DESCRIBE BRIEFLY: pH + Cond, DO, ORP, and temperature

Did Well sampling require more than one day? ☒ Yes or ☐ No Provide Dates: 11/16/22 - 11/17/22

III. Well Sampling Procedures

Sampler had map w/ well locations: ☒ Yes or ☐ No
COMMENTS:

Sampler had a copy of the sampling procedures during sampling: ☒ Yes or ☐ No
COMMENTS:

Sampler followed sampling procedures: ☒ Yes or ☐ No
COMMENTS:

Sampling procedures were as approved in the approved facility GWMP: ☒ Yes or ☐ No
COMMENTS:

Decontamination procedures adequate (describe for meters and pumps): ☐ Yes or ☐ No
COMMENTS: Dedicated pumps. Probe decontaminated between each reading in the GWMP.

Any observed inappropriate techniques or procedures: ☐ Yes or ☒ No
COMMENTS:

Inspected By: _____
Sampler: E. Taylor
Sampler: _____
Facility Rep: _____

Signature: _____
Signature: [Signature]
Signature: _____
Signature: _____

Date: _____
Date: 11/17/22
Date: _____
Date: _____

(Use Back side for additional Comments. Provide copies to sampler and facility)

Field Report Forms

Field Report Form

Client: Waste Management		Weather:
Project: 04208022.22 / Riverband Landfill		Rain 50°F
Event: 2Q22 Semiannual monitoring		Date: 4-18-22
Prepared By: J. Hultquist	Address: McMinnville OR	Arrival: 0900 Departure: 1600
- Loaded up trucks, departed for site - ET calibrated GEM 5000 and began LFG survey - IH + BR began WL Survey. - IH calibrated YSI and sampled stormwater. Helped ET sample - ET completed LFG survey and departed site with bacteria (E.coli) Stormwater samples to drop off at Alexia. - IH + BR completed WL Survey and departed from site - IH + ET Shipped Flare Sample via FedEx to Simi Valley ALS		

Signed:

[Signature]

Field Report Form

Client: Waste Management		Weather:
Project: 04208022.22 / Riverbend LF		Light Rain 48°F
Event: 2022 Semiannual Event		Date: 4-19-22
Prepared By: I. H. Itzigt	Address: McMinnville, OR	Arrival: 0645
		Departure: 1615

- Loaded up trucks and departed for site
- Arrived onsite, checked in with Dennis (um)
- Calibrated YSI at office before departing for site
- Began sampling ^{IH}~~groundwater~~ Groundwater
- ET Sampled MW-20A, MW-20B, MW-16A, DUP1 (mw-16A), MW-16B.
- IH + BR Sampled P-05A, decontated P-06A, P-07A, FB1 (P-07A), MW-15A, ^{IH}~~and~~ MW
- Departed from site.

Signed:

Field Report Form

Page 1 of 1

Client: Waste management		Weather: cloudy 50°F
Project: 04200022 / RVB		Date: 4/20/22
Event: 2Q22 Monitoring		Arrival: 0700
Prepared By: J. Hultquist	Address: McMinnville OR	Departure: 1630

- Loaded up trucks, calibrated ISIs, Reported for site
- Checked in with Dennis (wm)
- ET began sampling the Leachate pond / annual leachate monitoring at sumps.
- BR + IH sampled P-06A (limited volume), MW-15B, MW-05A, DUP2 (MW-05A), MW-5B. Returned to P-06A to pull additional volume recovered since morning.
- ET Sampled LP000 LDS, Leach pond, 1/5 P, 4/55, FB2 (4/55)
- 6/7P, 6/75^{IH}
- Checked out Reported from site

Signed: 

Field Report Form

Page 1 of 1

Client: <u>Waste Management</u>		Weather: <u>partly Cloudy 55°</u>
Project: <u>04208022.22 / Riverbend LF</u>		
Event: <u>2Q22 Semi annual monitoring</u>		Date: <u>4/21/22</u>
Prepared By: <u>J. Hultquist</u>	Address: <u>McMinnville OR</u>	Arrival: <u>0700</u>
		Departure: <u>1800 1500</u>

- Loaded up truck, calibrated YSI
 - Arrived onsite checked in with Dennis, grabbed site keys.
 - IH + BR began Sampling Surface water
 - ET began sampling GW
 ET sampled MW-22A, DUP3 (mw-22A), FB3 (mw-22A)
 MW-21A, and ^{12B} ~~MW-12B~~ MW-12A
 IH + BR sampled SYR SW-1, SYR MW-12A, and SYR SW-2
 IH departed with Surface water samples to drop bacteria and bag ice
 BR attempted to sample MW-21B, pump not functioning properly (insufficient flow), pulled pump
 BR Sampled mw-12B.
 Departed from site
 all Groundwater and Surface water samples Shipped to Eurofins - Denver via FedEx

Signed: CH

Field Report Form

Page 1 of 1

Client: Waste management		Weather:
Project: 04208022.22/RVB		Sunny 60°F
Event: 2Q2022 Semiannual Monitoring		Date: 4/22/22
Prepared By:	Address:	Arrival:
J. Hultquist	McMinnville OR	0700
		Departure: 1430

- Loaded up truck with equipment
- Calibrated YSI
- Arrived onsite, checked in with Dennis, grabbed office keys
- JH began sampling Groundwater
- ET began sampling Leachate
- Discussed low flow from 6/7s with Dennis + Barb, proceeded to collect sample with low liquid level in 6/7s. ET sampled 6/7s, 8S, 8P, 9S, 9P.
- JH sampled MW-19A, DUP4(MW-19A), FB4(MW-19A), MW-14A, and MW-14B

Departed from site.

All Leachate samples and remaining GW samples shipped to Eurofins Denver via FedEx.

Signed:



SCS ENGINEERS

Field Report Form

Page 2 of 4

Client: WM		Weather: Sunny 40°F
Project: 04208022.22 / RBLF		
Event: 4022 monitoring		Date: 11/19/22
Prepared By: E. Taylor	Address: McMinnville, OR	Arrival: 0730
		Departure: 1600

- Loaded up the truck and departed for site;
- Stopped for ice at Safeway and got gas
- Arrived on-site and checked in.
- Calibrated the ysi and began sampling
- Sampled MW-16 B (9 FB), MW-21 A, MW-15 B (+ dup), MW-14 B, MW-21 B, MW-12 A and MW-12 B.
- departed site for office to store samples in the fridge.

Signed:



Field Report Form

Client: WM		Weather: Sunny 38°F
Project: 04908022.22 / RB LF		
Event: 4Q22 monitoring		Date: 11/16/22
Prepared By: E. Taylor	Address: McMinnville, OR	Arrival: 0730 Departure: 1600

- Loaded up the truck and departed for the site.
- Stopped for ice along the way.
- Arrived on-site, checked in and calibrated the YSI.
- Sampled MW-12A + dup, MW-20A + FB, MW-14A and MW-16A didn't recharge and couldn't be sampled.
- calibrated the beamson and conducted the LFB survey.
- Completed LFB survey and took a flare sample
- departed site to go ship samples.

Signed:

[Signature]

Field Report Form

[illegible]

Signed:

[Signature]

Field Report Form

[illegible]

Signed:



SCS ENGINEERS**Field Report Form**

Page 1 of 1

Client: Waste Management		Weather: 53°F Rain
Project: Riverbend Landfill / 04208022.22		
Event: MW-12A Resample		Date: 1/13/23
Prepared By: B. Rapozo	Address: McMinnville	Arrival: 1100
		Departure: 1420
- Left to ABC Fire to fill gas tanks for the backpack controller - Enished and left for the office - Arrived, calibrated YSI, loaded up truck - Departed SCS Portland for Safeway to grab DI water, tape, bags, and ice - Arrived at RVB LF and began ^{PR}sampling purging MW-12A - Purged 5 casing volumes and got the approval to sample - Loaded up truck and departed for SCS Portland - Samples planned to be shipped Monday January 16		

Signed: 