Liberty Dairy - Interim Summary of Soil Sampling Data - Lagoons 1, 2 and 3 Revised Sept 12, 2022

Sample ID	Sample Type	Analysis Date	Depth Below Exposed Soil Surface (feet)	Soil Conditions	NH_4-N (mg/kg)	NO_3-N (mg/kg)	Sum NH_4-N + NO_3-N (mg/kg)	Total Nitrogen (see note 1) (mg/kg)	TKN (see note 1) (mg/kg)
Lagoon No. 3 - North Sidewall									
BOS-LO3-SO1-1-2021 1025	Test Pit	10/25/2021	0 to 1	Dry	1.7	147.7	**149.4**	nt	
BOS-LO3-SO1-2-2021 1025	Test Pit	10/25/2021	1 to 2	Dry	ND (u)	89.5	**89.5**	nt	
BOS-LO3-SO1-3-2021 1025	Test Pit	10/25/2021	2 to 3	Dry	2.6	47.7	**50.3**	nt	
BOS-LO3-SO1-4-2021 1025	Test Pit	10/25/2021	3 to 4	Dry	3.1	93.8	**96.9**	nt	
BOS-LO3-SO1-5-2021 1025	Test Pit	10/25/2021	4 to 5	Dry	3.6	18.3	**21.9**	nt	
BOS-LO3-SO1-6-2021 1025	Test Pit	10/25/2021	5 to 6	Dry	2.9	17.3	**20.2**	nt	
BOS-LO3-SO1-7-2021 1025	Test Pit	10/25/2021	6 to 7	Dry	3.1	14.2	**17.3**	nt	
BOS-LO3-SO1-8-2021 1025	Test Pit	10/25/2021	7 to 8	Dry	2.6	28.8	**31.4**	nt	
BOS-LO3-SO1-9-2021 1025	Test Pit	10/25/2021	8 to 9	Dry	3.5	20.3	**23.8**	nt	
BOS-LO3-SO1-10-2021 1025	Test Pit	10/25/2021	9 to 10	Dry	3.6	30.4	**34**	nt	
Lagoon No. 3 - West Sidewall									
BOS-LO3-SO2-1-2021 1025	Test Pit	10/25/2021	0 to 1	Dry	97.5	26.8	**124.3**	nt	
BOS-LO3-SO2-2-2021 1025	Test Pit	10/25/2021	1 to 2	Dry	30.8	1	**31.8**	nt	
BOS-LO3-SO2-3-2021 1025	Test Pit	10/25/2021	2 to 3	Dry	23.1	1	**24.1**	nt	
BOS-LO3-SO2-4-2021 1025	Test Pit	10/25/2021	3 to 4	Dry	25	1.8	**26.8**	nt	
BOS-LO3-SO2-5-2021 1025	Test Pit	10/25/2021	4 to 5	Dry	25.2	28.5	**53.7**	nt	
BOS-LO3-SO2-6-2021 1025	Test Pit	10/25/2021	5 to 6	Dry	1.9	39.9	**41.8**	nt	
BOS-LO3-SO2-7-2021 1025	Test Pit	10/25/2021	6 to 7	Dry	3.3	51.6	**54.9**	nt	
BOS-LO3-SO2-8-2021 1025	Test Pit	10/25/2021	7 to 8	Dry	8.5	67	**75.5**	nt	
BOS-LO3-SO2-9-2021 1025	Test Pit	10/25/2021	8 to 9	Dry	ND (u)	41.7	**41.7**	nt	
BOS-LO3-SO2-10-2021 1025	Test Pit	10/25/2021	9 to 10	Dry	7.2	45.6	**52.8**	nt	
LD-L3-SB-W-10-11	Boring	5/27/2022	10 to 11	Dry	6.5	1.3	**7.8**	370	
LD-L3-SB-W-11-12	Boring	5/27/2022	11 to 12	Dry	5.2	0.9	**6.1**	274	
LD-L3-SB-W-12-13	Boring	5/27/2022	12 to 13	Dry	6.6	1.1	**7.7**	243	
LD-L3-SB-W-13-14	Boring	5/27/2022	13 to 14	Dry	7.4	1.4	**8.8**	275	
LD-L3-SB-W-14-15	Boring	5/27/2022	14 to 15	Dry	7	1.8	**8.8**	250	
LD-L3-SB-W-15-16	Boring	5/27/2022	15 to 16	Dry	7.3	2.8	**10.1**	265	
LD-L3-SB-W-16-17	Boring	5/27/2022	16 to 17	Dry	8.2	4.3	**12.5**	310	
LD-L3-SB-W-17-18	Boring	5/27/2022	17 to 18	Dry	9.2	2.4	**11.6**	347	
LD-L3-SB-W-18-19	Boring	5/27/2022	18 to 19	Dry	5.6	2.8	**8.4**	271	
LD-L3-SB-W-19-20	Boring	5/27/2022	19 to 20	Dry	6.2	1.3	**7.5**	219	
LD-L3-SB-W-20-21	Boring	5/27/2022	20 to 21	Dry	8.8	2	**10.8**	224	
LD-L3-SB-W-21-22	Boring	5/27/2022	21 to 22	Dry	5	2.2	**7.2**	244	
LD-L3-SB-W-22-23	Boring	5/27/2022	22 to 23	Dry	4.8	3	**7.8**	263	**Archive Reanalysis**
LD-L3-SB-W-23-24	Boring	5/27/2022	23 to 24	Dry	7.1	2.2	**9.3**	256	**Scheduled [1]**
LD-L3-SB-W-24-25	Boring	5/27/2022	24 to 25	Dry	6.4	1.7	**8.1**	290	
LD-L3-SB-W-25-26	Boring	5/27/2022	25 to 26	Dry	6.9	2	**8.9**	272	
LD-L3-SB-W-26-27	Boring	5/27/2022	26 to 27	Dry	5.7	1.5	**7.2**	265	
LD-L3-SB-W-27-28	Boring	5/27/2022	27 to 28	Dry	5.8	1.7	**7.5**	233	
LD-L3-SB-W-28-29	Boring	5/27/2022	28 to 29	Dry	6.2	3.7	**9.9**	269	
LD-L3-SB-W-29-30	Boring	5/27/2022	29 to 30	Moist	7.9	6.1	**14**	222	
LD-L3-SB-W-30-31	Boring	5/27/2022	30 to 31	Moist	8.3	13.3	**21.6**	337	
LD-L3-SB-W-31-32	Boring	5/27/2022	31 to 32	Moist	5.6	7.6	**13.2**	274	
LD-L3-SB-W-32-33	Boring	5/27/2022	32 to 33	Moist	7.1	8.4	**15.5**	263	
LD-L3-SB-W-33-34	Boring	5/27/2022	33 to 34	Saturated	5.6	9.5	**15.1**	292	
LD-L3-SB-W-34-35	Boring	5/27/2022	34 to 35	Saturated	4.1	6.9	**11**	233	
Lagoon No. 3 - East Sidewall									
BOS-LO3-SO3-1-2021 1025	Test Pit	10/25/2021	0 to 1	Dry	ND (u)	83.3	**83.3**	nt	
BOS-LO3-SO3-2-2021 1025	Test Pit	10/25/2021	1 to 2	Dry	ND (u)	188.2	**188.2**	nt	
BOS-LO3-SO3-3-2021 1025	Test Pit	10/25/2021	2 to 3	Dry	ND (u)	103.1	**103.1**	nt	
BOS-LO3-SO3-4-2021 1025	Test Pit	10/25/2021	3 to 4	Dry	ND (u)	85.5	**85.5**	nt	
BOS-LO3-SO3-5-2021 1025	Test Pit	10/25/2021	4 to 5	Dry	4.2	131.3	**135.5**	nt	
BOS-LO3-SO3-6-2021 1025	Test Pit	10/25/2021	5 to 6	Dry	ND (u)	56.6	**56.6**	nt	
BOS-LO3-SO3-7-2021 1025	Test Pit	10/25/2021	6 to 7	Dry	2.3	44.6	**46.9**	nt	
BOS-LO3-SO3-8-2021 1025	Test Pit	10/25/2021	7 to 8	Dry	ND (u)	69.5	**69.5**	nt	
BOS-LO3-SO3-9-2021 1025	Test Pit	10/25/2021	8 to 9	Dry	1.8	76.7	**78.5**	nt	
BOS-LO3-SO3-10-2021 1025	Test Pit	10/25/2021	9 to 10	Dry	2.7	113.1	**115.8**	nt	
LD-L3-SB-E-10-11	Boring	5/27/2022	10 to 11	Dry	8.3	8.2	**16.5**	272	
LD-L3-SB-E-11-12	Boring	5/27/2022	11 to 12	Dry	3.2	9.6	**12.8**	280	
LD-L3-SB-E-12-13	Boring	5/27/2022	12 to 13	Dry	2.7	11	**13.7**	274	
LD-L3-SB-E-13-14	Boring	5/27/2022	13 to 14	Dry	4.6	2.4	**7**	269	
LD-L3-SB-E-14-15	Boring	5/27/2022	14 to 15	Dry	3.7	5.6	**9.3**	238	
LD-L3-SB-E-15-16	Boring	5/27/2022	15 to 16	Dry	2.9	10.4	**13.3**	252	
LD-L3-SB-E-16-17	Boring	5/27/2022	16 to 17	Dry	2.7	3.8	**6.5**	238	
LD-L3-SB-E-17-18	Boring	5/27/2022	17 to 18	Dry	3.9	6.4	**10.3**	272	
LD-L3-SB-E-18-19	Boring	5/27/2022	18 to 19	Dry	3.6	1.6	**5.2**	230	
LD-L3-SB-E-19-20	Boring	5/27/2022	19 to 20	Dry	4.8	1.6	**6.4**	229	
LD-L3-SB-E-20-21	Boring	5/27/2022	20 to 21	Dry	8	8.6	**16.6**	286	
LD-L3-SB-E-21-22	Boring	5/27/2022	21 to 22	Dry	4.7	9.3	**14**	271	
LD-L3-SB-E-22-23	Boring	5/27/2022	22 to 23	Dry	6.1	11.2	**17.3**	321	**Archive Reanalysis**
LD-L3-SB-E-23-24	Boring	5/27/2022	23 to 24	Dry	5.6	7.4	**13**	285	**Scheduled [1]**
LD-L3-SB-E-24-25	Boring	5/27/2022	24 to 25	Dry	8.8	8	**16.8**	275	
LD-L3-SB-E-25-26	Boring	5/27/2022	25 to 26	Dry	7.9	6.4	**14.3**	279	
LD-L3-SB-E-26-27	Boring	5/27/2022	26 to 27	Dry	6.8	6	**12.8**	252	
LD-L3-SB-E-27-28	Boring	5/27/2022	27 to 28	Moist	5.2	5.8	**11**	252	
LD-L3-SB-E-28-29	Boring	5/27/2022	28 to 29	Moist	7	21.9	**28.9**	346	
LD-L3-SB-E-29-30	Boring	5/27/2022	29 to 30	Moist	4.5	14.7	**19.2**	347	
LD-L3-SB-E-30-31	Boring	5/27/2022	30 to 31	Saturated	5	11.2	**16.2**	269	
LD-L3-SB-E-31-32	Boring	5/27/2022	31 to 32	Saturated	5.5	9.9	**15.4**	316	
LD-L3-SB-E-32-33	Boring	5/27/2022	32 to 33	Saturated	3.2	14.1	**17.3**	239	
LD-L3-SB-E-33-34	Boring	5/27/2022	33 to 34	Saturated	2.5	11.3	**13.8**	296	
LD-L3-SB-E-34-35	Boring	5/27/2022	34 to 35	Saturated	3.7	15.5	**19.2**	294	
Lagoon No. 3 - South Sidewall									
BOS-LO3-SO4-1-2021 1025	Test Pit	10/25/2021	0 to 1	Dry	67.9	5.9	**73.8**	nt	
BOS-LO3-SO4-2-2021 1025	Test Pit	10/25/2021	1 to 2	Dry	81.7	ND (u)	**81.7**	nt	
BOS-LO3-SO4-3-2021 1025	Test Pit	10/25/2021	2 to 3	Dry	61.6	ND (u)	**61.6**	nt	
BOS-LO3-SO4-4-2021 1025	Test Pit	10/25/2021	3 to 4	Dry	10.7	2.9	**13.6**	nt	
BOS-LO3-SO4-5-2021 1025	Test Pit	10/25/2021	4 to 5	Dry	21.6	21	**42.6**	nt	
BOS-LO3-SO4-6-2021 1025	Test Pit	10/25/2021	5 to 6	Dry	6	1.8	**7.8**	nt	
BOS-LO3-SO4-7-2021 1025	Test Pit	10/25/2021	6 to 7	Dry	5	6.6	**11.6**	nt	
BOS-LO3-SO4-8-2021 1025	Test Pit	10/25/2021	7 to 8	Dry	6.1	6.8	**12.9**	nt	
BOS-LO3-SO4-9-2021 1025	Test Pit	10/25/2021	8 to 9	Dry	4.5	3.4	**7.9**	nt	
BOS-LO3-SO4-10-2021 1025	Test Pit	10/25/2021	9 to 10	Dry	2.4	6.9	**9.3**	nt	

Liberty Dairy - Interim Summary of Soil Sampling Data - Lagoons 1, 2 and 3 Revised Sept 12, 2022

Sample ID	Sample Type	Analysis Date	Depth Below Exposed Soil Surface (feet)	Soil Conditions	NH_4-N (mg/kg)	NO_3-N (mg/kg)	Sum NH_4-N + NO_3-N (mg/kg)	Total Nitrogen (see note 1) (mg/kg)	TKN (see note 1) (mg/kg)
Lagoon No. 3 - Northern Bottom Sample									
20211115-BOS-3-BN-0	Test Pit	11/15/2021	0 to 1	Dry	251.3	23.7	**275**	nt	
20211115-BOS-3-BN-1	Test Pit	11/15/2021	1 to 2	Dry	139.7	1.9	**141.6**	nt	
20211115-BOS-3-BN-2	Test Pit	11/15/2021	2 to 3	Dry	128.6	15.4	**144**	nt	
20211115-BOS-3-BN-3	Test Pit	11/15/2021	3 to 4	Dry	208	0.8	**208.8**	nt	
20211115-BOS-3-BN-4	Test Pit	11/15/2021	4 to 5	Dry	20.5	ND (u)	**20.5**	nt	
20211115-BOS-3-BN-5	Test Pit	11/15/2021	5 to 6	Dry	18.5	4.8	**23.3**	nt	
20211115-BOS-3-BN-6	Test Pit	11/15/2021	6 to 7	Dry	32.6	1.1	**33.7**	nt	
20211115-BOS-3-BN-7	Test Pit	11/15/2021	7 to 8	Dry	14.3	ND (u)	**14.3**	nt	
20211115-BOS-3-BN-8	Test Pit	11/15/2021	8 to 9	Dry	10.1	1.4	**11.5**	nt	
20211115-BOS-3-BN-9	Test Pit	11/15/2021	9 to 10	Dry	8.2	0.7	**8.9**	nt	
Lagoon No. 3 - Southern Bottom Sample									
20211115-BOS-3-BS-0	Test Pit	11/15/2021	0 to 1	Dry	109.5	176.8	**286.3**	nt	
20211115-BOS-3-BS-1	Test Pit	11/15/2021	1 to 2	Dry	92.8	6	**98.8**	nt	
20211115-BOS-3-BS-2	Test Pit	11/15/2021	2 to 3	Dry	6.6	24.4	**31**	nt	
20211115-BOS-3-BS-3	Test Pit	11/15/2021	3 to 4	Dry	65.2	11.2	**76.4**	nt	
20211115-BOS-3-BS-4	Test Pit	11/15/2021	4 to 5	Dry	118.7	11.8	**130.5**	nt	
20211115-BOS-3-BS-5	Test Pit	11/15/2021	5 to 6	Dry	10.3	45.6	**55.9**	nt	
20211115-BOS-3-BS-6	Test Pit	11/15/2021	6 to 7	Dry	5.7	19.8	**25.5**	nt	
20211115-BOS-3-BS-7	Test Pit	11/15/2021	7 to 8	Dry	5.6	9.8	**15.4**	nt	
20211115-BOS-3-BS-8	Test Pit	11/15/2021	8 to 9	Dry	7.8	21	**28.8**	nt	
20211115-BOS-3-BS-9	Test Pit	11/15/2021	9 to 10	Dry	10.1	15.4	**25.5**	nt	
Lagoon No. 2 - North Sidewall									
LD-L2-TP-N-0-12	Test Pit	5/27/2022	0 to 1	Dry	248.8	2.5	**251.3**	676	
LD-L2-TP-N-12-24	Test Pit	5/27/2022	1 to 2	Dry	219.7	2.4	**222.1**	587	
LD-L2-TP-N-24-36	Test Pit	5/27/2022	2 to 3	Dry	130.5	2.4	**132.9**	492	
LD-L2-TP-N-36-48	Test Pit	5/27/2022	3 to 4	Dry	271.4	19.9	**291.3**	645	
LD-L2-TP-N-48-60	Test Pit	5/27/2022	4 to 5	Dry	326.4	11.2	**337.6**	718	
LD-L2-TP-N-60-72	Test Pit	5/27/2022	5 to 6	Dry	436.2	6.8	**443**	826	
LD-L2-TP-N-72-84	Test Pit	5/27/2022	6 to 7	Dry	434.5	17.9	**452.4**	802	
LD-L2-TP-N-84-96	Test Pit	5/27/2022	7 to 8	Dry	114.9	23.3	**138.2**	449	
LD-L2-TP-N-96-108	Test Pit	5/27/2022	8 to 9	Dry	5.3	41.4	**46.7**	360	
LD-L2-TP-N-108-120	Test Pit	5/27/2022	9 to 10	Dry	4.9	13.3	**18.2**	276	
LD-L2-TP-N-120-132	Test Pit	5/27/2022	10 to 11	Dry	11.9	8.2	**20.1**	163	**Archive Reanalysis**
LD-L2-TP-N-132-144	Test Pit	5/27/2022	11 to 12	Dry	7.4	2.6	**10**	324	**Scheduled [1]**
Lagoon No. 2 - East Sidewall									
LD-L2-TP-E-0-12	Test Pit	5/27/2022	0 to 1	Dry	619.6	0.8	**620.4**	1297	
LD-L2-TP-E-12-24	Test Pit	5/27/2022	1 to 2	Dry	781.8	1.2	**783**	1316	
LD-L2-TP-E-24-36	Test Pit	5/27/2022	2 to 3	Dry	250.6	0.7	**251.3**	688	
LD-L2-TP-E-36-48	Test Pit	5/27/2022	3 to 4	Dry	22	64.4	**86.4**	673	
LD-L2-TP-E-48-60	Test Pit	5/27/2022	4 to 5	Dry	5.6	1.3	**6.9**	370	
LD-L2-TP-E-60-72	Test Pit	5/27/2022	5 to 6	Dry	4	0.6	**4.6**	348	
LD-L2-TP-E-72-84	Test Pit	5/27/2022	6 to 7	Dry	21.9	16.6	**38.5**	501	
LD-L2-TP-E-84-96	Test Pit	5/27/2022	7 to 8	Dry	2.8	1.7	**4.5**	348	
LD-L2-TP-E-96-108	Test Pit	5/27/2022	8 to 9	Dry	4.5	1.5	**6**	357	
LD-L2-TP-E-108-120	Test Pit	5/27/2022	9 to 10	Dry	3.5	2.7	**6.2**	315	
LD-L2-TP-E-120-132	Test Pit	5/27/2022	10 to 11	Dry	5.5	2.3	**7.8**	282	**Archive Reanalysis**
LD-L2-TP-E-132-144	Test Pit	5/27/2022	11 to 12	Dry	11.6	1.6	**13.2**	293	**Scheduled [1]**
Lagoon No. 2 - South Sidewall									
LD-L2-TP-S-0-12	Test Pit	5/27/2022	0 to 1	Dry	508.8	1.5	**510.3**	1023	
LD-L2-TP-S-12-24	Test Pit	5/27/2022	1 to 2	Dry	932.2	2	**934.2**	1531	
LD-L2-TP-S-24-36	Test Pit	5/27/2022	2 to 3	Dry	25.6	27	**52.6**	666	
LD-L2-TP-S-36-48	Test Pit	5/27/2022	3 to 4	Dry	41.5	1.7	**43.2**	519	
LD-L2-TP-S-48-60	Test Pit	5/27/2022	4 to 5	Dry	14.5	5.3	**19.8**	460	
LD-L2-TP-S-60-72	Test Pit	5/27/2022	5 to 6	Dry	9.9	6.5	**16.4**	421	
LD-L2-TP-S-72-84	Test Pit	5/27/2022	6 to 7	Dry	5.2	0.6	**5.8**	395	
LD-L2-TP-S-84-96	Test Pit	5/27/2022	7 to 8	Dry	3.9	1.5	**5.4**	411	
LD-L2-TP-S-96-108	Test Pit	5/27/2022	8 to 9	Dry	4	1.8	**5.8**	345	
LD-L2-TP-S-108-120	Test Pit	5/27/2022	9 to 10	Dry	2.9	1.7	**4.6**	339	
LD-L2-TP-S-120-132	Test Pit	5/27/2022	10 to 11	Dry	3.1	1.3	**4.4**	271	**Archive Reanalysis**
LD-L2-TP-S-132-144	Test Pit	5/27/2022	11 to 12	Dry	5.4	1.3	**6.7**	252	**Scheduled [1]**
Lagoon No. 2 - West Sidewall									
LD-L2-TP-W-0-12	Test Pit	5/27/2022	0 to 1	Dry	6.5	82.9	**89.4**	557	
LD-L2-TP-W-12-24	Test Pit	5/27/2022	1 to 2	Dry	9.3	128.6	**137.9**	1192	
LD-L2-TP-W-24-36	Test Pit	5/27/2022	2 to 3	Dry	16.1	52.6	**68.7**	399	
LD-L2-TP-W-36-48	Test Pit	5/27/2022	3 to 4	Dry	6.9	49.6	**56.5**	346	
LD-L2-TP-W-48-60	Test Pit	5/27/2022	4 to 5	Dry	5	36.7	41.7	361	
LD-L2-TP-W-60-72	Test Pit	5/27/2022	5 to 6	Dry	7.8	111	**118.8**	411	
LD-L2-TP-W-72-84	Test Pit	5/27/2022	6 to 7	Dry	8.6	64.5	**73.1**	410	
LD-L2-TP-W-84-96	Test Pit	5/27/2022	7 to 8	Dry	4.5	129.8	**134.3**	418	
LD-L2-TP-W-96-108	Test Pit	5/27/2022	8 to 9	Dry	4.2	63	**67.2**	366	
LD-L2-TP-W-108-120	Test Pit	5/27/2022	9 to 10	Dry	3.9	52.9	**56.8**	151	
LD-L2-TP-W-120-132	Test Pit	5/27/2022	10 to 11	Dry	4.7	52.5	**57.2**	298	
LD-L2-TP-W-132-144	Test Pit	5/27/2022	11 to 12	Dry	6.1	96.1	**102.2**	367	**Archive Reanalysis**
LD-L2-SB-W-6-7	Soil Boring	8/24/2022	6 to 7	Dry	38.5	4.1	42.6	314.2	**Scheduled [1]**
LD-L2-SB-W-7-8	Soil Boring	8/24/2022	7 to 8	Dry	23	1.2	24.2	298.9	
LD-L2-SB-W-8-9	Soil Boring	8/24/2022	8 to 9	Dry	18.3	1.2	19.5	330.8	
LD-L2-SB-W-9-10	Soil Boring	8/24/2022	9 to 10	Dry	36.5	1.6	38.1	367.8	
LD-L2-SB-W-10-11	Soil Boring	8/24/2022	10 to 11	Dry	42.1	0.6	42.7	296.8	
LD-L2-SB-W-11-12	Soil Boring	8/24/2022	11 to 12	Dry	6.1	1	7.1	326.6	
LD-L2-SB-W-12-13	Soil Boring	8/24/2022	12 to 13	Dry	15.3	0.8	16.1	279.2	
LD-L2-SB-W-13-14	Soil Boring	8/24/2022	13 to 14	Dry	30.4	0.6	31.0	348.2	
LD-L2-SB-W-14-15	Soil Boring	8/24/2022	14 to 15	Dry	25.2	0.8	26.0	326	
LD-L2-SB-W-15-16	Soil Boring	8/24/2022	15 to 16	Dry	21.2	1.8	23.0	322.4	53.8
LD-L2-SB-W-16-17	Soil Boring	8/24/2022	16 to 17	Dry	22.8	0.7	23.5	285.6	93.2
LD-L2-SB-W-17-18	Soil Boring	8/24/2022	17 to 18	Dry	30.3	2.2	32.5	160.5	50.0 U
LD-L2-SB-W-18-19	Soil Boring	8/24/2022	18 to 19	Dry	12.4	2.2	14.6	207.8	50.0 U
LD-L2-SB-W-19-20	Soil Boring	8/24/2022	19 to 20	Dry	7.5	1.1	8.6	275.5	50.0 U
LD-L2-SB-W-20-21	Soil Boring	8/24/2022	20 to 21	Dry	14.6	0.4	15.0	318	50.0 U
LD-L2-SB-W-21-22	Soil Boring	8/24/2022	21 to 22	Dry	15.4	0.5	15.9	323.6	50.0 U
LD-L2-SB-W-22-23	Soil Boring	8/24/2022	22 to 23	Dry	17.9	2	19.9	268.9	50.0 U
LD-L2-SB-W-23-24	Soil Boring	8/24/2022	23 to 24	Dry	15.6	8.5	24.1	216.2	50.0 U
LD-L2-SB-W-24-25	Soil Boring	8/24/2022	24 to 25	Dry	26.5	14.1	40.6	324.6	49.8
LD-L2-SB-W-25-26	Soil Boring	8/24/2022	25 to 26	Saturated	6.7	14.8	21.5	276.7	50.0 U
LD-L2-SB-W-26-27	Soil Boring	8/24/2022	26 to 27	Saturated	15	12.3	27.3	249.8	50.0 U

Liberty Dairy - Interim Summary of Soil Sampling Data - Lagoons 1, 2 and 3 Revised Sept 12, 2022

Sample ID	Sample Type	Analysis Date	Depth Below Exposed Soil Surface (feet)	Soil Conditions	NH_4-N (mg/kg)	NO_3-N (mg/kg)	Sum NH_4-N + NO_3-N (mg/kg)	Total Nitrogen (see note 1) (mg/kg)	TKN (see note 1) (mg/kg)
Lagoon No. 2 - Northern Bottom Station									
LD-L2-TP-BN-0-12	Test Pit	7/22/2022	0 to 1	Dry	95.5	94.3	**189.8**	960	
LD-L2-TP-BN-12-24	Test Pit	7/22/2022	1 to 2	Dry	348	3.4	**351.3**	640	
LD-L2-TP-BN-24-36	Test Pit	7/22/2022	2 to 3	Dry	367	1	**368.1**	560	
LD-L2-TP-BN-36-48	Test Pit	7/22/2022	3 to 4	Dry	804	ND (u)	**803.6**	1100	
LD-L2-TP-BN-48-60	Test Pit	7/22/2022	4 to 5	Dry	271	ND (u)	**271.4**	560	**Archive Reanalysis**
LD-L2-TP-BN-60-72	Test Pit	7/22/2022	5 to 6	Dry	32.5	ND (u)	32.5	330	**Scheduled [1]**
LD-L2-TP-BN-72-84	Test Pit	7/22/2022	6 to 7	Dry	32	ND (u)	32.0	270	
LD-L2-TP-BN-84-96	Test Pit	7/22/2022	7 to 8	Dry	174	2	**176.1**	420	
LD-L2-TP-BN-96-108	Test Pit	7/22/2022	8 to 9	Dry	135	1.3	**136.3**	420	
LD-L2-TP-BN-108-120	Test Pit	7/22/2022	9 to 10	Dry	187	2.6	**189.6**	500	
LD-L2-TP-BN-120-132	Test Pit	7/22/2022	10 to 11	Dry	153.9	2.1	**156.0**	470	
LD-L2-TP-BN-132-144	Test Pit	7/22/2022	11 to 12	Dry	213	1.2	**214.2**	460	
LD-L2-SB-B-N-12-13	Soil Boring	8/24/2022	12 to 13	Dry	19.7	0.4	20.1	267	50.0 U
LD-L2-SB-B-N-13-14	Soil Boring	8/24/2022	13 to 14	Dry	31.6	0.6	32.2	270	
LD-L2-SB-B-N-14-15	Soil Boring	8/24/2022	14 to 15	Dry	15.6	0.3	15.9	224	
LD-L2-SB-B-N-15-16	Soil Boring	8/24/2022	15 to 16	Dry	42.2	1.9	44.1	254	77.3
LD-L2-SB-B-N-16-17	Soil Boring	8/24/2022	16 to 17	Dry	16.4	0.4	16.8	298	50.0 U
LD-L2-SB-B-N-17-18	Soil Boring	8/24/2022	17 to 18	Dry	31.4	0.4	31.8	320	60.18
LD-L2-SB-B-N-18-19	Soil Boring	8/24/2022	18 to 19	Dry	17.7	0.3	18.0	262	50.0 U
LD-L2-SB-B-N-19-20	Soil Boring	8/24/2022	19 to 20	Dry	10.7	0.3	11.0	264	50.0 U
LD-L2-SB-B-N-20-21	Soil Boring	8/24/2022	20 to 21	Dry	11.7	0.3	12.0	227	50.0 U
LD-L2-SB-B-N-21-22	Soil Boring	8/24/2022	21 to 22	Dry	14.3	0.4	14.7	307	50.0 U
LD-L2-SB-B-N-22-23	Soil Boring	8/24/2022	22 to 23	Moist	12.5	3.2	15.7	294	50.0 U
LD-L2-SB-B-N-23-24	Soil Boring	8/24/2022	23 to 24	Moist	18	20.2	38.2	327	56.23
LD-L2-SB-B-N-24-25	Soil Boring	8/24/2022	24 to 25	Moist	16.9	33.6	**50.5**	399	
LD-L2-SB-B-N-25-26	Soil Boring	8/24/2022	25 to 26	Saturated	22.6	22.3	44.9	396	**Archive Reanalysis**
LD-L2-SB-B-N-26-27	Soil Boring	8/24/2022	26 to 27	Saturated	11	15	26.0	364	**Scheduled [1]**
Lagoon No. 2 - Southern Bottom Station									
LD-L2-TP-BS-0-12	Test Pit	7/22/2022	0 to 1	Dry	275	71.9	**346.7**	980	
LD-L2-TP-BS-12-24	Test Pit	7/22/2022	1 to 2	Dry	247	1.4	**248.6**	550	
LD-L2-TP-BS-24-36	Test Pit	7/22/2022	2 to 3	Dry	106	6.2	**112.5**	330	
LD-L2-TP-BS-36-48	Test Pit	7/22/2022	3 to 4	Dry	9.8	ND (u)	9.8	90	
LD-L2-TP-BS-48-60	Test Pit	7/22/2022	4 to 5	Dry	211	9.3	**219.9**	530	**Archive Reanalysis**
LD-L2-TP-BS-60-72	Test Pit	7/22/2022	5 to 6	Dry	143	13.3	**156.0**	410	**Scheduled [1]**
LD-L2-TP-BS-72-84	Test Pit	7/22/2022	6 to 7	Dry	29.9	2.3	32.2	370	
LD-L2-TP-BS-84-96	Test Pit	7/22/2022	7 to 8	Dry	6.9	ND (u)	6.9	280	
LD-L2-TP-BS-96-108	Test Pit	7/22/2022	8 to 9	Dry	9.7	2	11.7	390	
LD-L2-TP-BS-108-120	Test Pit	7/22/2022	9 to 10	Dry	17.9	0.6	18.5	330	
LD-L2-TP-BS-120-132	Test Pit	7/22/2022	10 to 11	Dry	13	0.7	13.7	260	
LD-L2-TP-BS-132-144	Test Pit	7/22/2022	11 to 12	Dry	9.9	1	10.9	280	
Lagoon No. 1 - North Sidewall									
LD-L1-TP-N-0-12	Test Pit	7/22/2022	0 to 1	Dry	4.1	165	**169.1**	1190	
LD-L1-TP-N-12-24	Test Pit	7/22/2022	1 to 2	Dry	3	150	**153.3**	880	
LD-L1-TP-N-24-36	Test Pit	7/22/2022	2 to 3	Dry	3.5	170	**173.3**	640	
LD-L1-TP-N-36-48	Test Pit	7/22/2022	3 to 4	Dry	4.9	112	**116.8**	610	
LD-L1-TP-N-48-60	Test Pit	7/22/2022	4 to 5	Dry	4.6	103	**107.1**	500	**Archive Reanalysis**
LD-L1-TP-N-60-72	Test Pit	7/22/2022	5 to 6	Dry	5.2	95.8	**101.0**	450	**Scheduled [1]**
LD-L1-TP-N-72-84	Test Pit	7/22/2022	6 to 7	Dry	4.1	76.2	**80.3**	670	
LD-L1-TP-N-84-96	Test Pit	7/22/2022	7 to 8	Dry	4	37.2	41.2	400	
LD-L1-TP-N-96-108	Test Pit	7/22/2022	8 to 9	Dry	4.3	27.9	32.2	370	
LD-L1-TP-N-108-120	Test Pit	7/22/2022	9 to 10	Dry	4.8	19	23.8	270	
LD-L1-TP-N-120-132	Test Pit	7/22/2022	10 to 11	Dry	5.5	26.9	32.4	350	
LD-L1-TP-N-132-144	Test Pit	7/22/2022	11 to 12	Dry	5.9	26.6	32.5	320	
Lagoon No. 1 - East Sidewall									
LD-L1-TP-E-0-12	Test Pit	7/22/2022	0 to 1	Dry	14.8	0.9	15.7	540	
LD-L1-TP-E-12-24	Test Pit	7/22/2022	1 to 2	Dry	16.2	0.9	17.1	620	
LD-L1-TP-E-24-36	Test Pit	7/22/2022	2 to 3	Dry	29.7	1.3	31.0	660	
LD-L1-TP-E-36-48	Test Pit	7/22/2022	3 to 4	Dry	416	ND (u)	**416.3**	750	
LD-L1-TP-E-48-60	Test Pit	7/22/2022	4 to 5	Dry	360	0.7	**360.2**	740	
LD-L1-TP-E-60-72	Test Pit	7/22/2022	5 to 6	Dry	181	0.7	**181.4**	640	**Archive Reanalysis**
LD-L1-TP-E-72-84	Test Pit	7/22/2022	6 to 7	Dry	20.5	0.9	21.4	550	**Scheduled [1]**
LD-L1-TP-E-84-96	Test Pit	7/22/2022	7 to 8	Dry	7.6	0.7	8.3	490	
LD-L1-TP-E-96-108	Test Pit	7/22/2022	8 to 9	Dry	12.3	ND (u)	12.3	380	
LD-L1-TP-E-108-120	Test Pit	7/22/2022	9 to 10	Dry	20.5	ND (u)	20.5	350	
LD-L1-TP-E-120-132	Test Pit	7/22/2022	10 to 11	Dry	32.4	1	33.4	410	
LD-L1-TP-E-132-144	Test Pit	7/22/2022	11 to 12	Dry	35.6	0.7	36.3	400	
Lagoon No. 1 - South Sidewall									
LD-L1-TP-S-0-12	Test Pit	7/22/2022	0 to 1	Dry	102	1.2	**103.5**	1040	
LD-L1-TP-S-12-24	Test Pit	7/22/2022	1 to 2	Dry	130	0.6	**130.1**	780	
LD-L1-TP-S-24-36	Test Pit	7/22/2022	2 to 3	Dry	277	ND (u)	**277.1**	700	
LD-L1-TP-S-36-48	Test Pit	7/22/2022	3 to 4	Dry	206	ND (u)	**205.9**	620	
LD-L1-TP-S-48-60	Test Pit	7/22/2022	4 to 5	Dry	251	ND (u)	**251.4**	680	
LD-L1-TP-S-60-72	Test Pit	7/22/2022	5 to 6	Dry	222	0.8	**223.1**	580	
LD-L1-TP-S-72-84	Test Pit	7/22/2022	6 to 7	Dry	235	1	**236.4**	580	
LD-L1-TP-S-84-96	Test Pit	7/22/2022	7 to 8	Dry	211	1.4	**212.5**	580	
LD-L1-TP-S-96-108	Test Pit	7/22/2022	8 to 9	Dry	187	ND (u)	**187.4**	580	
LD-L1-TP-S-108-120	Test Pit	7/22/2022	9 to 10	Dry	248	0.7	**248.8**	540	
LD-L1-TP-S-120-132	Test Pit	7/22/2022	10 to 11	Dry	162	0.8	**162.7**	430	
LD-L1-TP-S-132-144	Test Pit	7/22/2022	11 to 12	Dry	197	2.5	**199.7**	530	
LD-L1-SB-S-6-7	Soil Boring	8/24/2022	12 to 13	Dry	92	0.6	**92.9**	653	
LD-L1-SB-S-7-8	Soil Boring	8/24/2022	13 to 14	Dry	166	0.5	**166.6**	488	
LD-L1-SB-S-8-9	Soil Boring	8/24/2022	14 to 15	Dry	105	0.5	**105.3**	432	**Archive Reanalysis**
LD-L1-SB-S-9-10	Soil Boring	8/24/2022	15 to 16	Dry	160	0.5	**160.0**	593	**Scheduled [1]**
LD-L1-SB-S-10-11	Soil Boring	8/24/2022	16 to 17	Dry	73	0.7	**73.7**	373	
LD-L1-SB-S-11-12	Soil Boring	8/24/2022	17 to 18	Dry	29	0.7	29.8	313	
LD-L1-SB-S-12-13	Soil Boring	8/24/2022	18 to 19	Dry	26	0.5	26.6	309	
LD-L1-SB-S-13-14	Soil Boring	8/24/2022	19 to 20	Dry	27	0.9	27.6	260	
LD-L1-SB-S-14-15	Soil Boring	8/24/2022	20 to 21	Dry	21	0.6	21.3	235	
LD-L1-SB-S-15-16	Soil Boring	8/24/2022	21 to 22	Dry	42	0.7	42.6	329	
LD-L1-SB-S-16-17	Soil Boring	8/24/2022	22 to 23	Dry	20	0.9	20.8	280	
LD-L1-SB-S-17-18	Soil Boring	8/24/2022	23 to 24	Dry	22	0.6	22.9	259	
LD-L1-SB-S-18-19	Soil Boring	8/24/2022	24 to 25	Dry	16	0.6	16.1	274	
LD-L1-SB-S-19-20	Soil Boring	8/24/2022	25 to 26	Moist	41	0.6	41.3	430	
LD-L1-SB-S-20-21	Soil Boring	8/24/2022	26 to 27	Saturated	9	0.5	9.7	242	
LD-L1-SB-S-21-22	Soil Boring	8/24/2022	27 to 28	Saturated	14	0.6	14.4	195	

Liberty Dairy - Interim Summary of Soil Sampling Data - Lagoons 1, 2 and 3 Revised Sept 12, 2022

Sample ID	Sample Type	Analysis Date	Depth Below Exposed Soil Surface (feet)	Soil Conditions	NH_4-N (mg/kg)	NO_3-N (mg/kg)	Sum NH_4-N + NO_3-N (mg/kg)	Total Nitrogen (see note 1) (mg/kg)	TKN (see note 1) (mg/kg)
Lagoon No. 1 - West Sidewall									
LD-L1-TP-W-0-12	Test Pit	7/22/2022	0 to 1	Dry	ND (u)	49.2	**49.2**	610	
LD-L1-TP-W-12-24	Test Pit	7/22/2022	1 to 2	Dry	2.4	30.6	33.0	510	**Archive Reanalysis**
LD-L1-TP-W-24-36	Test Pit	7/22/2022	2 to 3	Dry	3.5	9.8	13.3	540	**Scheduled [1]**
LD-L1-TP-W-36-48	Test Pit	7/22/2022	3 to 4	Dry	12.6	14.7	27.3	490	
LD-L1-TP-W-48-60	Test Pit	7/22/2022	4 to 5	Dry	1.6	16	17.6	520	
LD-L1-TP-W-60-72	Test Pit	7/22/2022	5 to 6	Dry	9	23.7	32.7	320	
LD-L1-TP-W-72-84	Test Pit	7/22/2022	6 to 7	Dry	1.4	114	**115.8**	460	
LD-L1-TP-W-84-96	Test Pit	7/22/2022	7 to 8	Dry	7.2	32.6	39.8	370	
LD-L1-TP-W-96-108	Test Pit	7/22/2022	8 to 9	Dry	12	27.5	39.5	350	
LD-L1-TP-W-108-120	Test Pit	7/22/2022	9 to 10	Dry	15.4	31.3	**46.7**	370	
LD-L1-TP-W-120-132	Test Pit	7/22/2022	10 to 11	Dry	41.9	16.1	**58.0**	310	**Soil Boring**
LD-L1-TP-W-132-144	Test Pit	7/22/2022	11 to 12	Dry	10.4	21.2	31.6	270	**Scheduled [1]**
Lagoon No. 1 - Northern Bottom Sample									
LD-L1-TP-BN-0-12	Test Pit	8/24/2022	0 to 1	Dry	193.6	1.9	1.9	755	
LD-L1-TP-BN-12-24	Test Pit	8/24/2022	1 to 2	Dry	137.5	0.6	**138.1**	485	**Archive Reanalysis**
LD-L1-TP-BN-24-36	Test Pit	8/24/2022	2 to 3	Dry	337	1.2	**338.2**	670	**Scheduled [1]**
LD-L1-TP-BN-36-48	Test Pit	8/24/2022	3 to 4	Dry	369.3	0.7	**370.0**	684	
LD-L1-TP-BN-48-60	Test Pit	8/24/2022	4 to 5	Dry	92.8	0.6	**93.4**	356	
LD-L1-TP-BN-60-72	Test Pit	8/24/2022	5 to 6	Dry	286.1	0.6	**286.7**	452	
LD-L1-TP-BN-72-84	Test Pit	8/24/2022	6 to 7	Dry	221.7	1	**222.3**	300	
LD-L1-TP-BN-84-96	Test Pit	8/24/2022	7 to 8	Dry	35.2	0.7	35.9	271	
LD-L1-TP-BN-96-108	Test Pit	8/24/2022	8 to 9	Dry	104.2	0.5	**104.7**	521	
LD-L1-TP-BN-108-120	Test Pit	8/24/2022	9 to 10	Dry	32.3	0.6	32.9	365	
LD-L1-TP-BN-120-132	Test Pit	8/24/2022	10 to 11	Dry	44.7	0.6	**45.3**	420	**Soil Boring**
LD-L1-TP-BN-132-144	Test Pit	8/24/2022	11 to 12	Dry	37.4	0.5	37.9	443	**Scheduled [1]**
Lagoon No. 1 - Southern Bottom Sample									
LD-L1-TP-BS-0-12	Test Pit	8/24/2022	0 to 1	Dry	71.5	0.5	0.5	478	
LD-L1-TP-BS-12-24	Test Pit	8/24/2022	1 to 2	Dry	234.7	0.5	**235.2**	585	**Archive Reanalysis**
LD-L1-TP-BS-24-36	Test Pit	8/24/2022	2 to 3	Dry	606.2	0.4	**606.6**	847	**Scheduled [1]**
LD-L1-TP-BS-36-48	Test Pit	8/24/2022	3 to 4	Dry	142.3	0.6	**142.9**	502	
LD-L1-TP-BS-48-60	Test Pit	8/24/2022	4 to 5	Dry	71.6	0.6	**72.2**	359	
LD-L1-TP-BS-60-72	Test Pit	8/24/2022	5 to 6	Dry	116.8	1	**117.8**	271	
LD-L1-TP-BS-72-84	Test Pit	8/24/2022	6 to 7	Dry	40.8	1	41.3	330	
LD-L1-TP-BS-84-96	Test Pit	8/24/2022	7 to 8	Dry	18.2	0.6	18.8	285	
LD-L1-TP-BS-96-108	Test Pit	8/24/2022	8 to 9	Dry	27.3	0.5	27.8	319	
LD-L1-TP-BS-108-120	Test Pit	8/24/2022	9 to 10	Dry	26.4	0.6	27.0	350	
LD-L1-TP-BS-120-132	Test Pit	8/24/2022	10 to 11	Dry	13.9	0.7	14.6	297	
LD-L1-TP-BS-132-144	Test Pit	8/24/2022	11 to 12	Dry	24.4	0.6	25.0	265	
Lagoon No. 1 -Middle Bottom Sample									
LD-L1-TP-BM-0-12	Test Pit	8/24/2022	0 to 1	Dry	201.9	1.5	1.5	503	
LD-L1-TP-BM-12-24	Test Pit	8/24/2022	1 to 2	Dry	337.5	5.1	**342.6**	676	**Archive Reanalysis**
LD-L1-TP-BM-24-36	Test Pit	8/24/2022	2 to 3	Dry	366.3	0.9	**367.2**	635	**Scheduled [1]**
LD-L1-TP-BM-36-48	Test Pit	8/24/2022	3 to 4	Dry	170.5	1.1	**171.6**	481	
LD-L1-TP-BM-48-60	Test Pit	8/24/2022	4 to 5	Dry	15.6	0.5	16.1	218	
LD-L1-TP-BM-60-72	Test Pit	8/24/2022	5 to 6	Dry	13.3	0.8	14.1	253	
LD-L1-TP-BM-72-84	Test Pit	8/24/2022	6 to 7	Dry	20.6	0	21.0	258	
LD-L1-TP-BM-84-96	Test Pit	8/24/2022	7 to 8	Dry	21	0.6	21.6	247	
LD-L1-TP-BM-96-108	Test Pit	8/24/2022	8 to 9	Dry	14.5	0.4	14.9	302	
LD-L1-TP-BM-108-120	Test Pit	8/24/2022	9 to 10	Dry	30.1	0.5	30.6	270	
LD-L1-TP-BM-120-132	Test Pit	8/24/2022	10 to 11	Dry	45.2	0.9	**46.1**	287	**Soil Boring**
LD-L1-TP-BM-132-144	Test Pit	8/24/2022	11 to 12	Dry	65.1	1.2	**66.3**	330	**Scheduled [1]**
Lagoon No. 1 -Eastern Sidewall #2 Sample									
LD-L1-TP-E2-0-12	Test Pit	8/24/2022	0 to 1	Dry	277.2	30.3	30.3	974	
LD-L1-TP-E2-12-24	Test Pit	8/24/2022	1 to 2	Dry	163	1.5	**164.5**	474	**Archive Reanalysis**
LD-L1-TP-E2-24-36	Test Pit	8/24/2022	2 to 3	Dry	431.4	2	**433.4**	606	**Scheduled [1]**
LD-L1-TP-E2-36-48	Test Pit	8/24/2022	3 to 4	Dry	442.1	0.6	**442.7**	715	
LD-L1-TP-E2-48-60	Test Pit	8/24/2022	4 to 5	Dry	253.7	0.6	**254.3**	626	
LD-L1-TP-E2-60-72	Test Pit	8/24/2022	5 to 6	Dry	241.7	1.3	**243.0**	613	
LD-L1-TP-E2-72-84	Test Pit	8/24/2022	6 to 7	Dry	108.8	1	**109.5**	479	
LD-L1-TP-E2-84-96	Test Pit	8/24/2022	7 to 8	Dry	64.4	1.4	**65.8**	365	
LD-L1-TP-E2-96-108	Test Pit	8/24/2022	8 to 9	Dry	44.3	0.7	45.0	246	
LD-L1-TP-E2-108-120	Test Pit	8/24/2022	9 to 10	Dry	24.6	1	25.6	339	
LD-L1-TP-E2-120-132	Test Pit	8/24/2022	10 to 11	Dry	33.5	1.7	35.2	210	**Soil Boring**
LD-L1-TP-E2-132-144	Test Pit	8/24/2022	11 to 12	Dry	53	1	**54.0**	211	**Scheduled [1]**
Lagoon No. 1 -Western Sidewall #2 Sample									
LD-L1-TP-W2-0-12	Test Pit	8/24/2022	0 to 1	Dry	167.7	2.6	2.6	974	
LD-L1-TP-W2-12-24	Test Pit	8/24/2022	1 to 2	Dry	323.4	1.3	**324.7**	474	**Archive Reanalysis**
LD-L1-TP-W2-24-36	Test Pit	8/24/2022	2 to 3	Dry	581.3	0.9	**582.2**	606	**Scheduled [1]**
LD-L1-TP-W2-36-48	Test Pit	8/24/2022	3 to 4	Dry	433.8	2.5	**436.3**	715	
LD-L1-TP-W2-48-60	Test Pit	8/24/2022	4 to 5	Dry	311.2	1.2	**312.4**	626	
LD-L1-TP-W2-60-72	Test Pit	8/24/2022	5 to 6	Dry	263.7	0.7	**264.4**	613	
LD-L1-TP-W2-72-84	Test Pit	8/24/2022	6 to 7	Dry	230.5	1	**231.5**	479	
LD-L1-TP-W2-84-96	Test Pit	8/24/2022	7 to 8	Dry	342.2	2	**344.2**	365	
LD-L1-TP-W2-96-108	Test Pit	8/24/2022	8 to 9	Dry	104.9	1.3	**106.2**	246	
LD-L1-TP-W2-108-120	Test Pit	8/24/2022	9 to 10	Dry	55.4	0.7	**56.1**	339	
LD-L1-TP-W2-120-132	Test Pit	8/24/2022	10 to 11	Dry	105.4	0.9	**106.3**	210	**Soil Boring**
LD-L1-TP-W2-132-144	Test Pit	8/24/2022	11 to 12	Dry	35.7	1.5	37.2	211	**Scheduled [1]**
Field Blanks (Laboratory-Grade Sand)									
LD-L2-SB-B-N-27-28	Field Blank	8/24/2022	--	Dry	1.1	0.4	0.4	187	
LD-L1-SB-S-22-23	Field Blank	8/24/2022	--	Dry	3.7	0.5	4.2	103	
LD-L1-SB-S-23-24	Field Blank	8/24/2022	--	Dry	3	0.5	3.5	235	
LD-L2-SB-W-27-28	Field Blank	8/24/2022	--	Dry	10.4	0.8	11.2	222	

1. The EPA-approved sampling plan specified the analysis of total Kjeldahl nitrogen (TKN). The laboratory had limited ability to perform the TKN analysis and initially substitued total nitrogen analysis by a different method. The total nitrogen analysis has a raised detection limit (80 mg/kg) insufficient for the current application, and demonstrated significant false positives in field blanks prepared with laboratory grade sand. All archived 2022 field samples are to be reanalyzed by ALS laboratories using the TKN method, and TKN analysis will be completed on all remaining soil borings. The method detection limits and reporting limits as implemented by ALS are 6 mg/kg and 40 mg/kg, respectively, consistent with project requirements.