

Smith, George

From: Matthew S. Baer <Matthew.Baer@citrusbocc.com>
Sent: Thursday, July 7, 2022 9:45 AM
To: Mandalou, Taylor
Cc: Madden, Melissa; SWD_Waste; Dan S. Sherlock; Joshua L. Younce
Subject: 2022 Second Quarter Leachate Report
Attachments: Second Quarter Leachate Report 2022.pdf

EXTERNAL MESSAGE

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Dear Mr. Mandalou:

Attached you will find the Leachate Generation and Daily Precipitation Report for the 2nd Quarter of 2022 for the Citrus County Central Landfill.

Should you have any questions regarding this matter, please do not hesitate to contact me.

Regards,

Matthew Baer
Compliance Manager
Citrus County Solid Waste Management Division
230 W. Gulf to Lake Hwy.
Lecanto, FL. 34461
Office: (352) 527-7679
Matthew.Baer@citrusbocc.com



Board of County Commissioners
DEPARTMENT OF PUBLIC WORKS
SOLID WASTE MANAGEMENT DIVISION

P.O. Box 340, Lecanto, Florida 34460
Telephone: (352) 527-7670 FAX: (352) 527-7672
email: landfillinfo@citrusbocc.com
TDD Telephone: (352) 527-5303
Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

July 7, 2022

Mr. Taylor Mandalou
Air & Solid Waste Permitting Manager
Department of Environmental Protection
Solid Waste Section
13051 N Telecom Pkwy
Temple Terrace, FL 33637-0926

Re: **Citrus County Central Landfill - Permit No. 21375-025-SO-01/027-SO-MM**
2022 2nd Quarter Leachate Generation and Daily Precipitation Report
WACS I.D. # 39859

Dear Mr. Mandalou:

In compliance with Specific Condition K.8.b, of the above referenced permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the 2nd quarter of 2022.

There were no exceedances during the reported period.

If you should need additional information, please let me know.

Sincerely,

Joshua Younce
Acting Solid Waste Management Director

Enclosures (3)

CITRUS COUNTY CENTRAL LANDFILL

PHASE 1 AND 1A										PHASE 2										PHASE 3										7 ACRE				TOTAL	Force Main Flow	
DATE	DAY	RAIN IN INCHES	80-1 (S) LS METER	Secondary 80-1 (S) FLOW GAL	80-2 (P) LS METER	Primary 80-2 (P) FLOW GAL	80-1 (P) LS METER	Primary 80-1 (P) FLOW GAL	80-2 (P) LS METER	Primary 80-2 (P) FLOW GAL	80-3 (S) LS METER	Secondary 80-3 (S) FLOW GAL	80 (P-1) LS METER	Primary 80 (P-1) FLOW GAL	80 (P-2) LS METER	Secondary 80 (P-2) FLOW GAL	LIFT STATION METER	LIFT STATION FLOW	2, 3, MASTER LIFT STATION	LEACHATE FORCE MAIN METER	FORCE MAIN FLOW GAL															
04/01/22	Fri	0.00	147505	101	8297237	1529	125456	818	12171647	1389	112463	0	37792426	4765	1468932	0	4271543	1319	9921	14670	27000															
04/02/22	Sat	0.00	147606	136	8298766	2547	126274	815	12173036	2092	112463	151	37797191	4461	1468932	144	4272882	1609	11955	14697	7000															
04/03/22	Sun	2.50	147742	136	8301313	2746	127089	814	12175128	2092	112614	150	37801652	4460	1469076	144	4274471	1609	12151	14704	7000															
04/04/22	Mon	0.10	147878	72	8304059	661	127903	1002	12177220	1360	112764	1	37806112	4718	1469220	0	4276080	502	8316	14711	7000															
04/05/22	Tue	0.00	147950	66	8304720	379	128905	1452	12185850	2647	112765	0	37810830	4783	1469220	291	4276582	364	9982	14718	31000															
04/06/22	Wed	0.00	148016	60	8305099	522	130357	1437	12181227	1341	112765	0	37815613	5150	1469511	0	4276946	507	9017	14749	12000															
04/07/22	Thu	0.00	148076	121	8305621	1769	131794	574	12182568	2639	112765	84	37820763	4361	1469511	0	4277453	557	10091	14761	0															
04/08/22	Fri	0.00	148197	155	8307390	1208	132368	516	12185207	1335	112835	84	37825124	5517	1469511	293	4278010	484	9592	14761	11000															
04/09/22	Sat	0.00	148352	144	8308398	890	132884	877	12186542	1975	112919	26	37830641	4097	1469804	0	4278494	348	8357	14772	10000															
04/10/22	Sun	0.00	148496	143	8309488	890	133761	876	12188517	1975	112945	26	37834738	4096	1469804	0	4278842	347	8353	14782	10000															
04/11/22	Mon	0.00	148639	97	8310378	269	134637	514	12190492	1330	112971	9	37838834	4321	1469804	292	4279189	363	6075	14792	9000															
04/12/22	Tue	0.00	148736	85	8310647	1467	135151	1518	12191822	1314	112980	0	37842035	5432	1470096	315	4279552	525	10341	14801	9000															
04/13/22	Wed	0.00	148821	79	8312114	1008	136669	516	12193136	2569	112980	0	37847467	4319	1470096	0	4280077	360	9166	14810	0															
04/14/22	Thu	0.75	148900	71	8313122	45	137185	703	12195705	1320	112980	1	37851786	4856	1470411	0	4280437	360	7356	14810	29000															
04/15/22	Fri	0.00	148971	68	8313167	404	137888	1187	12197025	1979	112981	18	37856642	4441	1470411	148	4280797	439	8664	14839	8000															
04/16/22	Sat	0.00	149039	67	8313571	403	139075	1187	12199004	1978	112989	17	37861083	4441	1470559	147	4281236	438	8678	14847	7000															
04/17/22	Sun	0.00	149106	59	8313974	574	140262	1029	12200982	1321	113016	1	37865524	4608	1470706	0	4282106	511	8421	14854	39000															
04/18/22	Mon	0.00	149165	71	8314548	262	141291	781	12202303	2629	113017	0	37870132	4167	1470706	299	4282617	371	7842	14893	14000															
04/19/22	Tue	0.00	149236	119	8314810	261	142072	1082	12204932	1326	113017	0	37874299	4384	1470706	0	4282878	371	7842	14907	10000															
04/20/22	Wed	0.00	149355	84	8315071	225	143154	521	12206258	1330	113017	4	37878683	4123	1471005	303	4283350	317	6649	14917	15000															
04/21/22	Thu	0.00	149439	87	8315296	924	143675	1076	12207588	1288	113021	1	37882806	4311	1471005	0	4283667	335	8307	14917	0															
04/22/22	Fri	0.00	149526	90	8316220	562	144751	1217	12208876	2594	113022	0	37887117	3948	1471308	146	4284022	439	8766	14932	26000															
04/23/22	Sat	0.00	149616	74	8316782	419	145668	1211	12211470	1302	113022	0	37891065	4580	1471308	145	4284461	439	8171	14958	0															
04/24/22	Sun	0.00	149690	73	8317201	419	147179	1211	12212772	1302	113022	0	37895645	4579	1471454	145	4284900	185	7329	14958	31000															
04/25/22	Mon	0.00	149763	85	8317620	65	148390	701	12214074	2608	113022	0	37900224	3685	1471599	0	4284900	185	7329	14958	0															
04/26/22	Tue	0.00	149848	70	8317685	237	149091	1717	12216682	1311	113022	0	37903909	4798	1471599	296	4285442	357	8766	14989	0															
04/27/22	Wed	0.00	149918	66	8317922	256	150808	1024	12217993	1263	113022	0	37908707	4529	1471895	0	4285938	369	7634	14989	28000															
04/28/22	Thu	0.00	149984	78	8318178	954	151832	580	12219256	2606	113022	0	37913236	3763	1471895	0	4286307	463	8350	15017	10000															
04/29/22	Fri	0.00	150062	78	8319132	128	152412	944	12221862	1305	113022	20	37916999	4579	1471895	293	4286307	463	7810	15027	0															
04/30/22	Sat	0.00	150140	62	8319260	190	153366	789	12223167	1932	113042	0	37921578	4056	1472188	0	4286770	346	7375	15027	11000															
05/01/22	Sun		150202		8319450		154145		12225099		113042		37925634		1472188		4287116																			
TOTAL		3.35		2697		22213		28659		53452		579		133208		3256			15573			368000														

Leachate Action Rates:

Phase 1/1A - 530 gpd

Phase 2 - 600 gpd

Phase 3 - 680 gpd

Total 1,719

Start Leachate in Storage

127,958
GALLONS

End Leachate in Storage

119,498
GALLONS

REVIEWED BY

JOSHUA YOUNG

ACTING DEPT. DIRECTOR

CITRUS COUNTY CENTRAL LANDFILL

PHASE 1 AND 1A										PHASE 2										PHASE 3										7 ACRE		TOTAL	Force Main Flow	
DATE	DAY	INCHES	RAIN IN	80-1 (S) LS METER	Secondary 80-1 (S) FLOW GAL	80-2 (P) LS METER	Primary 80-2 (P) FLOW GAL	80-1 (P) LS METER	Primary 80-1 (P) FLOW GAL	80-2 (P) LS METER	Primary 80-2 (P) FLOW GAL	80-3 (S) LS METER	Secondary 80-3 (S) FLOW GAL	80 (P-1) LS METER	Primary 80 (P-1) FLOW GAL	80 (P-2) LS METER	Secondary 80 (P-2) FLOW GAL	LIFT STATION METER	LIFT STATION FLOW	2, 3, MASTER LIFT STATION	LEACHATE FORCE MAIN METER	FORCE MAIN FLOW GAL												
05/01/22	Sun	0.10		150202	81	8318450	192	154145	789	12225089	1932	113042	0	37925634	4055	1472188	0	4287116	345	7394	15038	11000												
05/02/22	Mon	0.00		150283	67	8319642	265	154934	504	12227031	1298	113042	0	37929689	4486	1472188	289	4287461	356	7265	15049	24000												
05/03/22	Tue	0.00		150360	69	8319907	50	155438	1964	12228329	1305	113042	0	37934175	1563	1472477	0	4287817	497	5448	15073	0												
05/04/22	Wed	0.00		150419	74	8319957	652	157402	528	12229634	2575	113042	0	37935738	0	1472477	307	4288314	144	4280	15073	10000												
05/05/22	Thu	0.10		150493	88	8320609	492	157930	505	12232099	1302	113042	0	37935738	259	1472784	0	4288458	511	3157	15083	13000												
05/06/22	Fri	0.00		150581	89	8321101	673	158435	1089	12233511	1280	113042	0	37935997	12439	1472784	0	4288969	363	15943	15096	25000												
05/07/22	Sat	0.00		150670	141	8321774	669	159524	761	12234801	1940	113042	0	37948436	5021	1472784	147	4289332	434	9113	15121	10000												
05/08/22	Sun	0.00		150811	140	8322443	668	160285	760	12236741	1939	113042	0	37953457	5020	1472931	146	4289766	433	9106	15131	9000												
05/09/22	Mon	0.00		150951	161	8323111	1006	161045	798	12238680	1311	113042	0	37958477	4196	1473077	299	4290199	373	8144	15140	10000												
05/10/22	Tue	0.00		151112	183	8324117	985	161843	1371	12239991	1290	113042	0	37962673	3890	1473376	0	4290572	398	8117	15150	0												
05/11/22	Wed	0.00		151295	197	8325102	486	163214	521	12241281	1299	113042	0	37966663	4531	1473376	0	4290970	150	7184	15150	25000												
05/12/22	Thu	0.00		151492	197	8325588	379	163735	565	12242580	2587	113042	0	37971094	3859	1473376	302	4291120	362	8251	15175	0												
05/13/22	Fri	0.00		151689	212	8325967	108	164300	516	12245167	1313	113042	0	37974953	4230	1473678	0	4291482	367	6746	15175	7000												
05/14/22	Sat	0.00		151901	202	8326075	330	164816	1640	12246480	1283	113042	0	37979183	4420	1473678	147	4291849	428	8450	15182	4000												
05/15/22	Sun	0.30		152103	202	8326405	330	166456	1639	12247763	1283	113042	0	37983603	4419	1473825	146	4292277	427	8446	15186	4000												
05/16/22	Mon	0.00		152305	198	8326735	531	168095	645	12249046	2598	113042	0	37988022	3568	1473971	0	4292704	407	7947	15190	36000												
05/17/22	Tue	0.00		152503	147	8327266	126	168740	1200	12251644	1284	113042	0	37991590	3738	1473971	297	4293111	152	6944	15226	0												
05/18/22	Wed	0.40		152650	161	8327392	10	169940	564	12252928	1318	113042	0	37995328	4227	1474268	0	4293263	365	6645	15226	9000												
05/19/22	Thu	0.00		152811	155	8327402	391	170504	1059	12254246	1293	113042	0	37998655	4317	1474268	0	4293628	368	7583	15235	11000												
05/20/22	Fri	2.80		152966	191	8327793	2647	171563	1135	12255539	1290	113042	0	38003872	3823	1474268	293	4293996	314	9693	15246	24000												
05/21/22	Sat	0.00		153157	189	8330440	1725	172698	666	12256829	2070	113042	0	38007695	4233	1474561	303	4294310	463	9679	15270	4000												
05/22/22	Sun	0.50		153346	189	8332165	1725	173394	695	12256899	2069	113042	0	38011928	4233	1474864	302	4294773	462	9675	15274	4000												
05/23/22	Mon	0.00		153535	206	8333890	529	174089	818	12260968	1358	113042	0	38016161	3481	1475166	0	4295235	0	6392	15278	34000												
05/24/22	Tue	0.00		153741	14	8334419	1155	174907	654	12262326	1352	113042	0	38016642	4159	1475166	266	4295235	500	8120	15312	0												
05/25/22	Wed	0.00		153755	121	8335674	1011	175561	544	12263678	1358	113042	0	38023801	4418	1475452	0	4295735	371	7823	15312	5000												
05/26/22	Thu	0.00		153876	127	8336585	1011	176105	647	12266036	1346	113042	0	38028219	4885	1475452	298	4296106	323	8437	15317	9000												
05/27/22	Fri	0.00		154003	179	8337596	159	176752	1049	12266382	1317	113042	0	38032072	4168	1475750	196	4296429	195	7067	15326	15326												
05/28/22	Sat	0.03		154182	135	8337755	583	177801	467	12267689	1784	113042	0	38037072	4227	1475750	196	4296824	347	7739	15367	7000												
05/29/22	Sun	0.00		154317	135	8338338	583	178268	2467	12269463	1784	113042	0	38041299	4227	1475946	196	4296971	347	9739	15387	7000												
05/30/22	Mon	0.00		154452	136	8338921	584	180735	1468	12271267	1784	113042	0	38045526	4228	1476142	197	4297318	348	8745	15371	8000												
05/31/22	Tue	0.00		154588	151	8339505	569	182203	1701	12273051	1343	113042	0	38049754	4501	1476339	0	4297666	191	8456	15379	23000												
06/01/22	Wed	0.30		154739		8340074	20624	183904		12274394	49295	113042	0	38054255	128621	1476339	4151	4297857	10741		15402	364000												
TOTAL		4.53			4537		20624		29759		49295		0																					

Leachate Action Rates:
Phase 1/1A - 930 gpd
Phase 2 - 600 gpd
Phase 3 - 680 gpd
Total 1,719

Start Leachate in Storage

119,498
GALLONS

End Leachate in Storage

113,435
GALLONS

REVIEWED BY

JOSHUA YOUNCE
ACTING DEPT. DIRECTOR

CITRUS COUNTY CENTRAL LANDFILL

PHASE 1 AND 1A										PHASE 2					PHASE 3					7 ACRE		TOTAL	Force Main Flow	
DATE	DAY	RAIN IN INCHES	80-1 (S) LS METER	Secondary 80-1 (S) FLOW GAL	80-2 (P) LS METER	80-2 (P) FLOW GAL	Primary 80-1 (P) LS METER	Primary 80-1 (P) FLOW GAL	80-2 (P) LS METER	Primary 80-2 (P) FLOW GAL	80-3 (S) LS METER	Secondary 80-3 (S) FLOW GAL	80 (P-1) LS METER	Primary 80 (P-1) FLOW GAL	80 (P-2) LS METER	Secondary 80 (P-2) FLOW GAL	LIFT STATION # (P)	LIFT STATION FLOW GAL	2, 3, MASTER LIFT STATION	LEACHATE FORCE MAIN METER	FORCE MAIN FLOW GAL			
06/01/22	Wed	0.30	154739	158	8340074	610	183904	510	12274394	1302	113042	38054255	4283	1476339	300	4297857	369	7532	15402	11000				
06/02/22	Thu	0.00	154897	123	8340684	679	184414	1825	12276696	2629	113042	38058538	3966	1476639	0	4298226	418	9640	15413	10000				
06/03/22	Fri	0.00	155020	138	8341363	1087	186239	1766	12278325	1319	113042	38062504	5355	1476639	0	4298644	340	10008	15423	10000				
06/04/22	Sat	0.00	155158	110	8342450	878	188008	1543	12279644	1965	113042	38067859	4119	1476639	138	4298984	443	9196	15433	5000				
06/05/22	Sun	0.00	155268	110	8343328	877	189551	1544	12281609	1965	113042	38071978	4128	1476777	141	4299427	444	9199	15438	5000				
06/06/22	Mon	0.00	155378	109	8344205	597	191095	519	12283574	1311	113042	38076096	3122	1476918	303	4299871	0	5961	15443	0				
06/07/22	Tue	0.00	155487	95	8344802	888	191614	519	12284885	1335	113042	38079218	3990	1477221	0	4299871	363	7190	15443	32000				
06/08/22	Wed	0.00	155582	100	8345590	816	192133	1014	12286220	1344	113042	38083208	4175	1477221	0	4300234	372	7821	15475	11000				
06/09/22	Thu	0.10	155682	91	8346506	1298	193147	346	12287564	1307	113042	38087383	4043	1477221	293	4300806	194	7595	15486	7000				
06/10/22	Fri	0.00	155773	106	8347804	51	193493	1504	12288894	1307	113042	38091426	3906	1477514	0	4300800	333	7207	15493	11000				
06/11/22	Sat	0.00	155879	118	8347855	635	194997	701	12290201	1305	113042	38095332	3973	1477514	146	4301133	285	7163	15504	10000				
06/12/22	Sun	0.00	155997	117	8348490	635	195698	700	12291506	1305	113042	38099305	3973	1477660	146	4301418	284	7160	15514	9000				
06/13/22	Mon	0.00	156114	100	8349125	997	196398	985	12292811	2635	113042	38103278	3468	1477806	0	4301702	375	8560	15523	14000				
06/14/22	Tue	0.00	156214	80	8350122	661	197383	1412	12295446	1384	113042	38106746	3898	1477806	301	4302077	326	8126	15537	0				
06/15/22	Wed	0.00	156294	51	8350783	632	198795	681	12296830	1414	113106	38110644	3816	1478107	0	4302403	367	7151	15537	18000				
06/16/22	Thu	0.00	156345	49	8351415	789	199476	1430	12298244	1325	113296	38114460	4118	1478107	0	4302770	195	8002	15555	16000				
06/17/22	Fri	0.00	156394	45	8352204	1018	200906	1175	12299569	1283	113392	38118578	3713	1478107	295	4302966	369	7898	15571	11000				
06/18/22	Sat	0.00	156439	83	8353222	889	202081	937	12300852	1945	113392	38122291	3520	1478402	0	4303334	259	7635	15582	6000				
06/19/22	Sun	0.00	156522	83	8354111	847	203018	936	12302797	1946	113394	38125811	3520	1478402	0	4303593	259	7593	15588	5000				
06/20/22	Mon	0.00	156605	71	8354958	847	203954	1973	12304743	1307	113396	38129331	3477	1478402	291	4303852	303	8269	15593	12000				
06/21/22	Tue	0.00	156676	82	8355805	1507	205927	812	12306050	1315	113396	38132808	3593	1478693	0	4304155	197	7506	15605	10000				
06/22/22	Wed	0.00	156758	92	8357312	1249	206739	1050	12307365	1291	113396	38136401	4415	1478693	0	4304352	351	8489	15615	0				
06/23/22	Thu	0.00	156850	53	8358561	417	207789	515	12308656	1280	113417	38140816	3659	1478693	296	4304703	314	6534	15615	20000				
06/24/22	Fri	0.00	156903	99	8358978	2597	208304	1090	12309936	1294	113417	38144475	3581	1478899	0	4305017	413	9094	15635	17000				
06/25/22	Sat	0.00	157002	105	8361575	321	209394	956	12311230	2009	113437	38148056	3421	1478989	145	4305430	263	7230	15652	5000				
06/26/22	Sun	0.00	157107	104	8361896	320	210350	955	12313239	2009	113447	38151477	3421	1479134	146	4305693	264	7230	15657	4000				
06/27/22	Mon	0.00	157211	84	8362216	125	211305	798	12315248	1333	113458	38154898	3873	1479280	0	4305957	361	6574	15661	11000				
06/28/22	Tue	0.00	157295	54	8362341	4	212103	742	12316581	1325	113458	38158771	3134	1479280	0	4306318	150	6677	15672	0				
06/29/22	Wed	0.00	157349	70	8362345	778	212845	592	12317906	1320	113458	38161905	3428	1479280	292	4306688	150	6677	15672	12000				
06/30/22	Thu	0.20	157419	78	8363123	589	213437	1054	12319226	1349	113505	38165333	3824	1479572	0	4306838	373	7272	15684	9000				
07/01/22	Fri		157497		8363712		214491		12320575		113510	38169157		1479572		4307211			15693					
TOTAL		0.60		2758		23638		30587		46181		468		114902		3233		9354			291000			

Leakage Action Rates:

Phase 1/1A - 930 gpd

Phase 2 - - 600 gpd

Phase 3 - 680 gpd

Total 1,719

Start Leachate in Storage

113,435
GALLONS

End Leachate in Storage

104,693
GALLONS

REVIEWED BY

JOSHUA YOUNG

ACTING DEPT. DIRECTOR