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

April 12, 2019

Mr. Steve Morgan
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/018-01**
2019 Second Quarter Leachate Generation and Daily Precipitation Report
WACS I.D. # 39859

Dear Mr. Morgan:

In compliance with Specific Condition C.8.e.2, of the above referenced permit, enclosed please find the Quarterly Leachate Generation and Daily Precipitation Report for the second quarter of 2018.

There were no exceedances during the reporting period.

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

Sincerely,

Dan S. Sherlock

Dan S. Sherlock
Acting Director, Citrus County Division of Solid Waste Management

DSS:ro
Enclosures

cc: Randall Olney, PE, Director, Department of Public Works (electronic)
Troy Hays, Senior Manager/VP, Jones Edmunds & Associates – Gainesville Office (electronic)

Submitted Electronically
SWD_Waste@dep
Addresses & cc
Date: 4/12/19
Initials 126

Scanned to E-Bridge
Date 4/12/19
Initials RV
Solid Waste Management

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 #5 (P)	LIFT STATION FLOW GAL	2, 3, MASTER LIFT STATION	LEACHATE FORCE MAIN METER	FORCE MAIN FLOW GAL
01/01/19	Tue	0.00	40053	36	6840302	602	1585699	1	8547737	6094	87486	28	30390016	7104	1264200	115	4038339	160	14140	OOS	4000
01/02/19	Wed	0.00	40089	41	6840904	3865	1585700	-17	8553831	4950	87514	34	30397120	7351	1264315	1	4038499	446	16671	OOS	6000
01/03/19	Thu	0.00	40130	15	6844769	3377	1585683	-11	8558781	5637	87548	33	30404471	9042	1264316	196	4038945	337	18626	OOS	7000
01/04/19	Fri	0.60	40145	65	6848146	1005	1585672	-1	8564418	4878	87581	27	30413513	11064	1264512	0	4039282	0	17038	OOS	6000
01/05/19	Sat	0.00	40210	108	6849151	1106	1585671	-6	8569296	4536	87608	24	30424577	6400	1264512	101	4039282	392	12661	OOS	5000
01/06/19	Sun	0.00	40318	108	6850257	1106	1585665	-7	8573832	4536	87632	24	30430977	6400	1264613	101	4039674	392	12660	OOS	5000
01/07/19	Mon	0.00	40426	80	6851363	2486	1585658	-5	8578368	4572	87656	28	30437377	6107	1264714	0	4040066	0	13268	OOS	7000
01/08/19	Tue	0.00	40506	82	6853849	2279	1585653	-15	8582940	4474	87684	24	30443484	6215	1264714	194	4040066	338	13591	OOS	6000
01/09/19	Wed	0.00	40588	113	6856128	1003	1585638	-6	8587414	4750	87708	24	30449699	11942	1264908	1	4040404	450	18277	OOS	4000
01/10/19	Thu	0.00	40701	112	6857131	3333	1585632	-19	8592164	4237	87732	21	30461641	6027	1264909	0	4040854	0	13711	OOS	4000
01/11/19	Fri	0.00	40813	95	6860464	3741	1585613	-17	8596401	4595	87753	24	30467668	5992	1264909	195	4040854	337	14962	OOS	5000
01/12/19	Sat	0.00	40908	72	6864205	2577	1585596	-12	8600996	4424	87777	23	30473660	6103	1265104	105	4041191	394	13686	OOS	6000
01/13/19	Sun	0.00	40980	71	6866782	2577	1585584	-13	8605420	4424	87800	22	30479763	6102	1265209	104	4041585	394	13681	OOS	5000
01/14/19	Mon	0.00	41051	127	6869359	1829	1585571	-6	8609844	4027	87822	18	30485865	5469	1265313	17	4041979	0	11481	OOS	5000
01/15/19	Tue	0.00	41178	136	6871188	3	1585565	0	8613871	3335	87840	15	30491334	5320	1265330	11	4041979	0	8820	OOS	0
01/16/19	Wed	0.00	41314	138	6871191	2	1585565	-1	8617206	3572	87855	16	30496654	10192	1265341	21	4041979	788	14728	OOS	5000
01/17/19	Thu	0.00	41452	108	6871193	3468	1585564	-8	8620778	4378	87871	19	30506846	5206	1265362	200	4042767	0	13371	OOS	5000
01/18/19	Fri	0.00	41560	95	6874661	3247	1585556	-14	8625156	4095	87890	18	30512052	4827	1265562	0	4042767	222	12490	OOS	4000
01/19/19	Sat	0.00	41655	106	6877908	3832	1585542	-16	8629251	4130	87908	20	30516879	6197	1265562	67	4042989	302	14638	OOS	6000
01/20/19	Sun	0.40	41761	105	6881740	3832	1585526	-16	8633381	4130	87928	19	30523076	6197	1265629	66	4043291	302	14635	OOS	6000
01/21/19	Mon	0.00	41866	105	6885572	3831	1585510	-14	8637511	4129	87947	19	30529273	6196	1265695	66	4043593	301	14633	OOS	4000
01/22/19	Tue	0.00	41971	78	6889403	5622	1585496	-20	8641640	4189	87966	24	30535469	4250	1265761	0	4043894	304	14447	OOS	5000
01/23/19	Wed	1.00	42049	14	6895025	1233	1585476	-9	8645829	4476	87990	25	30539719	8744	1265761	0	4044198	474	14957	OOS	5000
01/24/19	Thu	0.00	42063	116	6896258	2349	1585467	0	8650305	3858	88015	19	30548463	4385	1265761	200	4044672	8	10935	OOS	6000
01/25/19	Fri	0.00	42179	113	6898607	5	1585467	-2	8654163	3234	88034	14	30552848	4396	1265961	0	4044680	0	7760	OOS	0
01/26/19	Sat	0.00	42292	135	6898612	3353	1585465	-14	8657397	4469	88048	25	30557244	6778	1265961	1	4044680	566	15313	OOS	8000
01/27/19	Sun	2.20	42427	135	6901965	3352	1585451	-15	8661866	4469	88073	24	30564022	6778	1265962	0	4045246	565	15308	OOS	8000
01/28/19	Mon	0.00	42562	108	6905317	2	1585436	-2	8666335	4051	88097	21	30570800	11987	1265962	190	4045811	0	16357	OOS	5000
01/29/19	Tue	0.00	42670	108	6905319	1	1585434	-4	8670386	4376	88118	23	30582787	11061	1266152	0	4045811	791	16356	OOS	6000
01/30/19	Wed	0.00	42778	154	6905320	2920	1585430	-15	8674762	4824	88141	24	30593848	11001	1266152	194	4046602	0	19102	OOS	5000
01/31/19	Thu	0.00	42932	88	6908240	3681	1585415	-13	8679586	4337	88165	25	30604849	5343	1266346	0	4046602	0	13461	0	17000
02/01/19	Fri		43020		6911921		1585402		8683923		88190		30610192		1266346		4046602			12	
TOTAL		4.20		2967		71619		-297		136186		704		220176		2146		8263			170000

Operator note: Leachate Master Flow Meter
Out Of Service, estimated flows by leachate
pump run hours.

1/30/2019 New Flow Meter installed
1/31/2019 New Flow Meter configured to read -WL
2/1/2019 New Flow Meter read 12,000 gals and 5000 gals
ran thru in morning before configuration = 17, 000

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

Start Leachate in Storage **92,003** GALLONS

End Leachate in Storage **78,255** GALLONS

REVIEWED BY
RO for HW
HENRY

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 #5 (P)	LIFT STATION FLOW GAL	2, 3, MASTER LIFT STATION	LEACHATE FORCE MAIN METER	FORCE MAIN FLOW GAL
02/01/19	Fri	0.00	43020	35	6911921	6628	1585402	-28	8683923	5508	88190	34	30610192	5408	1266346	1	4046602	784	18370	12	18000
02/02/19	Sat	0.00	43055	33	6918549	2993	1585374	-13	8689431	5096	88224	32	30615600	7645	1266347	96	4047386	169	16051	30	15000
02/03/19	Sun	0.40	43088	33	6921542	2993	1585361	-14	8694527	5095	88256	32	30623245	7644	1266443	95	4047555	168	16046	45	15000
02/04/19	Mon	0.00	43121	93	6924535	0	1585347	0	8699622	4933	88288	27	30630889	10036	1266538	191	4047723	413	15693	60	16000
02/05/19	Tue	0.00	43214	74	6924535	2731	1585347	-13	8704555	4002	88315	23	30640925	9428	1266729	0	4048136	341	16586	76	12000
02/06/19	Wed	0.00	43288	69	6927266	2717	1585334	-9	8708557	4562	88338	24	30650353	4569	1266729	198	4048477	0	12130	88	13000
02/07/19	Thu	0.00	43357	66	6929983	3111	1585325	-17	8713119	4134	88362	21	30654922	9056	1266927	0	4048477	452	16823	101	11000
02/08/19	Fri	0.00	43423	31	6933094	2743	1585308	-12	8717253	4100	88383	22	30663978	4320	1266927	0	4048929	332	11536	112	16000
02/09/19	Sat	0.00	43454	38	6935837	2940	1585296	-14	8721353	4348	88405	24	30668298	6327	1266927	97	4049261	0	13760	128	8000
02/10/19	Sun	0.30	43492	37	6938777	2940	1585282	-14	8725701	4348	88429	24	30674625	6327	1267024	96	4049261	0	13758	136	8000
02/11/19	Mon	0.00	43529	24	6941717	2583	1585268	-11	8730049	4896	88453	29	30680952	8234	1267120	0	4049261	790	16545	144	25000
02/12/19	Tue	0.20	43553	32	6944300	3782	1585257	-9	8734945	4559	88482	25	30689186	7911	1267120	199	4050051	0	16499	169	14000
02/13/19	Wed	0.10	43585	148	6948082	10	1585248	-2	8739504	3801	88507	19	30697097	7220	1267319	0	4050051	340	11536	183	0
02/14/19	Thu	0.00	43733	95	6948092	2710	1585246	-10	8743305	4630	88526	23	30704317	3903	1267319	0	4050391	453	11804	183	14000
02/15/19	Fri	0.00	43828	75	6950802	374	1585236	-6	8747935	3765	88549	21	30708220	7424	1267319	194	4050844	334	12181	197	15000
02/16/19	Sat	0.00	43903	26	6951176	3725	1585230	-21	8751700	4459	88570	27	30715644	5520	1267513	0	4051178	35	13771	212	13000
02/17/19	Sun	0.00	43929	25	6954901	3725	1585209	-22	8756159	4459	88597	27	30721164	5520	1267513	0	4051213	35	13769	225	13000
02/18/19	Mon	0.00	43954	18	6958626	2972	1585187	-8	8760618	3872	88624	20	30726684	7380	1267513	192	4051248	718	15164	238	15000
02/19/19	Tue	0.00	43972	12	6961598	2304	1585179	-6	8764490	3671	88644	17	30734064	3813	1267705	0	4051966	0	9811	253	0
02/20/19	Wed	0.00	43984	14	6963902	2403	1585173	-12	8768161	4167	88661	19	30737877	6606	1267705	0	4051966	338	13535	253	15000
02/21/19	Thu	0.00	43998	25	6966305	0	1585161	-2	8772328	3596	88680	17	30744483	6289	1267705	0	4052304	453	10378	268	14000
02/22/19	Fri	0.00	44023	12	6966305	3848	1585159	-10	8775924	3786	88697	17	30750772	5992	1267705	196	4052757	0	13841	282	14000
02/23/19	Sat	0.00	44035	36	6970153	1879	1585149	-6	8779710	3762	88714	20	30756764	5621	1267901	0	4052757	17	11329	296	6000
02/24/19	Sun	0.00	44071	35	6972032	1879	1585143	-7	8783472	3762	88734	19	30762385	5620	1267901	0	4052774	17	11325	302	6000
02/25/19	Mon	0.00	44106	63	6973911	3308	1585136	-19	8787234	3529	88753	21	30768005	5740	1267901	0	4052791	39	12681	308	14000
02/26/19	Tue	0.30	44169	55	6977219	2863	1585117	-12	8790763	3807	88774	23	30773745	5505	1267901	194	4052830	2	12437	322	13000
02/27/19	Wed	0.00	44224	32	6980082	3016	1585105	-19	8794570	4276	88797	29	30779250	5117	1268095	0	4052832	0	12451	335	12000
02/28/19	Thu	0.00	44256	47	6983098	0	1585086	0	8798846	3606	88826	18	30784367	5151	1268095	0	4052832	23	8845	347	12000
03/01/19	Fri	0.00	44303		6983098		1585086		8802452		88844		30789518		1268095		4052855			359	
TOTAL		1.30		1283		71177		-316		118529		654		179326		1749		6253			347000

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

Start Leachate in Storage **78,255** GALLONS

End Leachate in Storage **75,083** GALLONS

REVIEWED BY
RO for HN
HENRY

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 #5 (P)	LIFT STATION FLOW GAL	2, 3, MASTER LIFT STATION	LEACHATE FORCE MAIN METER	FORCE MAIN FLOW GAL
03/01/19	Fri	0.00	44303	54	6983098	3264	1585086	-23	8802452	3378	88844	19	30789518	5301	1268095	0	4052855	0	11993	359	0
03/02/19	Sat	0.00	44357	32	6986362	2847	1585063	-20	8805830	4258	88863	18	30794819	6324	1268095	96	4052855	5	13560	359	13000
03/03/19	Sun	0.30	44389	31	6989209	2847	1585043	-20	8810088	4257	88881	18	30801143	6324	1268191	95	4052860	5	13557	372	12000
03/04/19	Mon	0.10	44420	90	6992056	3224	1585023	-19	8814345	3159	88899	0	30807467	4991	1268286	0	4052865	0	11445	384	13000
03/05/19	Tue	0.00	44510	155	6995280	542	1585004	-8	8817504	2892	88899	0	30812458	4660	1268286	0	4052865	0	8241	397	13000
03/06/19	Wed	0.00	44665	124	6995822	4401	1584996	-23	8820396	3473	88899	14	30817118	4763	1268286	187	4052865	1	12940	410	12000
03/07/19	Thu	0.00	44789	95	7000223	1	1584973	-5	8823869	3080	88913	17	30821881	4743	1268473	0	4052866	7	7938	422	0
03/08/19	Fri	0.00	44884	81	7000224	2209	1584968	-14	8826949	3547	88930	19	30826624	4737	1268473	0	4052873	0	10579	422	12000
03/09/19	Sat	0.00	44965	24	7002433	0	1584954	-4	8830496	2979	88949	15	30831361	5844	1268473	96	4052873	0	8954	434	6000
03/10/19	Sun	0.00	44989	24	7002433	0	1584950	-5	8833475	2979	88964	14	30837205	5844	1268569	95	4052873	0	8951	440	6000
03/11/19	Mon	0.00	45013	20	7002433	4045	1584945	-24	8836454	3543	88978	19	30843049	4613	1268664	1	4052873	3	12220	446	17000
03/12/19	Tue	0.00	45033	47	7006478	5140	1584921	0	8839997	4881	88997	29	30847662	4624	1268665	0	4052876	1	14722	463	16000
03/13/19	Wed	0.00	45080	24	7011618	3083	1584921	-46	8844878	2884	89026	17	30852286	4571	1268665	0	4052877	0	10533	479	0
03/14/19	Thu	0.00	45104	29	7014701	6	1584875	-5	8847762	3222	89043	17	30856857	4511	1268665	190	4052877	2	7972	479	10000
03/15/19	Fri	0.00	45133	25	7014707	0	1584870	-4	8850984	2730	89060	15	30861368	4489	1268855	0	4052879	0	7255	489	7000
03/16/19	Sat	0.00	45158	62	7014707	3084	1584866	-20	8853714	3521	89075	20	30865857	5414	1268855	97	4052879	0	12178	496	11000
03/17/19	Sun	0.00	45220	62	7017791	3084	1584846	-20	8857235	3521	89095	19	30871271	5413	1268952	97	4052879	0	12176	507	11000
03/18/19	Mon	0.00	45282	58	7020875	3676	1584826	-21	8860756	3436	89114	18	30876684	4301	1269049	0	4052879	3	11471	518	8000
03/19/19	Tue	0.00	45340	77	7024551	3571	1584805	-21	8864192	3645	89132	20	30880985	4270	1269049	0	4052882	0	11562	526	16000
03/20/19	Wed	0.00	45417	65	7028122	2281	1584784	-9	8867837	3173	89152	18	30885255	4190	1269049	0	4052882	0	9718	542	8000
03/21/19	Thu	0.00	45482	96	7030403	2651	1584775	-11	8871010	3469	89170	18	30889445	6320	1269049	193	4052882	1	12737	550	10000
03/22/19	Fri	0.00	45578	95	7033054	17	1584764	-4	8874479	2621	89188	12	30895765	4091	1269242	0	4052883	1	6833	560	6000
03/23/19	Sat	0.00	45673	73	7033071	1623	1584760	-6	8877100	3016	89200	16	30899856	4159	1269242	0	4052884	0	8881	566	7000
03/24/19	Sun	0.00	45746	73	7034694	1622	1584754	-7	8880116	3016	89216	16	30904015	4158	1269242	0	4052884	0	8878	573	6000
03/25/19	Mon	0.00	45819	53	7036316	0	1584747	-2	8883132	2657	89232	15	30908173	4067	1269242	183	4052884	1	6974	579	9000
03/26/19	Tue	0.00	45872	68	7036316	3461	1584745	-12	8885789	3303	89247	16	30912240	5752	1269425	0	4052885	0	12588	588	8000
03/27/19	Wed	0.00	45940	82	7039777	3604	1584733	-5	8889092	3136	89263	14	30917992	3896	1269425	0	4052885	0	10727	596	14000
03/28/19	Thu	0.00	46022	48	7043381	3927	1584728	-13	8892228	3269	89277	16	30921888	3902	1269425	0	4052885	1	11150	610	9000
03/29/19	Fri	0.00	46070	47	7047308	0	1584715	0	8895497	2834	89293	14	30925790	5971	1269425	0	4052886	0	8866	619	7000
03/30/19	Sat	0.00	46117	44	7047308	1702	1584715	-4	8898331	2211	89307	7	30931761	3835	1269425	186	4052886	0	7981	626	7000
03/31/19	Sun	0.00	46161	43	7049010	1701	1584711	-4	8900542	2211	89314	6	30935596	3834	1269611	185	4052886	0	7976	633	6000
04/01/19	Mon		46204		7050711		1584707		8902753		89320		30939430		1269796		4052886			639	
TOTAL		0.40		1901		67613		-379		100301		476		149912		1701		31			280000

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

Start Leachate in Storage: 75,083 GALLONS

End Leachate in Storage: 87,773 GALLONS

REVIEWED BY
RO for HM
HENRY