Johnson, Sabrina O

From: Ray Oates <ray.oates@citrusbocc.com>
Sent: Tuesday, July 3, 2018 1:44 PM
To: SWD_Waste
Cc: DAN S. SHERLOCK; Randall S. Olney; Troy Hays
Subject: Citrus County Central Landfill Permit No.21375-025-SO/018-01
Attachments: Citrus County Landfill 2nd Qtr 2018 Leachate Report .pdf

Dear Ms. Kidwell:

Attached is our Second Quarter 2018 Leachate Generation and Daily Precipitation Report which is due July 15, 2018.

There were no reportable leachate exceedances during the reporting period.

If you should have any questions regarding this matter, please do not hesitate to contact ne.

Regards,

Ray Oates, PG
Solid Waste Compliance Manager
Citrus County Division of Solid Waste Management
230 W. Gulf to Lake Highway
Lecanto, FL 34461
(352) 527-7679
ray.oates@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 3, 2018

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**
2018 Second Quarter Leachate Generation and Daily Precipitation Report
WACS I.D. # 39859

Dear Ms. Kidwell:

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)

Scanned to E-Bridge
Date 7/3/18
Initials RO
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
04/01/18	Sun	0.00	30341	60	6246239	0	1592099	0	5745340	2534	79421	0	28058956	5183	1138891	57	3959534	137	7971	17146	5000
04/02/18	Mon	0.00	30401	54	6246239	0	1592099	0	5747874	2518	79421	0	28064139	5154	1138948	2	3959671	717	8445	17151	7000
04/03/18	Tue	0.00	30455	58	6246239	5125	1592099	0	5750392	2994	79421	0	28069293	5193	1138950	1	3960388	321	13692	17158	8000
04/04/18	Wed	0.00	30513	59	6251364	0	1592099	0	5753386	2232	79421	0	28074486	2788	1138951	198	3960709	0	5277	17166	6000
04/05/18	Thu	0.00	30572	99	6251364	968	1592099	0	5755618	2749	79421	0	28077274	5367	1139149	0	3960709	718	9901	17172	5000
04/06/18	Fri	0.00	30671	59	6252332	3483	1592099	0	5758367	2520	79421	0	28082641	5387	1139149	3	3961427	0	11452	17177	9000
04/07/18	Sat	0.22	30730	63	6255815	3651	1592099	0	5760887	3120	79421	0	28088028	4099	1139152	99	3961427	340	11372	17186	6000
04/08/18	Sun	0.50	30793	62	6259466	3651	1592099	0	5764007	3119	79421	0	28092127	4098	1139251	98	3961767	339	11367	17192	6000
04/09/18	Mon	0.03	30855	27	6263117	0	1592099	0	5767126	4162	79421	0	28096225	5677	1139349	198	3962106	1059	11123	17198	11000
04/10/18	Tue	2.04	30882	98	6263117	0	1592099	0	5771288	8510	79421	0	28101902	9273	1139547	0	3963165	1399	19280	17209	4000
04/11/18	Wed	0.01	30980	93	6263117	0	1592099	0	5779798	6543	79421	0	28111175	8094	1139547	0	3964564	740	15470	17213	11000
04/12/18	Thu	0.00	31073	75	6263117	0	1592099	0	5786341	5948	79421	0	28119269	8308	1139547	206	3965304	334	14871	17224	11000
04/13/18	Fri	0.00	31148	46	6263117	4109	1592099	0	5792289	5118	79421	0	28127577	5922	1139753	0	3965638	0	15195	17235	13000
04/14/18	Sat	0.00	31194	64	6267226	2713	1592099	0	5797407	5404	79421	0	28133499	7168	1139753	193	3965638	708	16250	17248	6000
04/15/18	Sun	0.92	31258	63	6269939	2713	1592099	0	5802811	5404	79421	0	28140667	7167	1139946	193	3966346	707	16247	17254	5000
04/16/18	Mon	0.00	31321	142	6272652	15	1592099	0	5808215	4372	79421	0	28147834	5668	1140139	0	3967053	340	10537	17259	3000
04/17/18	Tue	0.00	31463	106	6272667	-56	1592099	0	5812587	4956	79421	2	28153502	6089	1140139	191	3967393	0	11288	17262	6000
04/18/18	Wed	0.00	31569	93	6272611	0	1592099	0	5817543	4865	79423	38	28159591	5898	1140330	10	3967393	746	11650	17268	6000
04/19/18	Thu	0.00	31662	81	6272611	60	1592099	0	5822408	5057	79461	8	28165489	8974	1140340	210	3968139	0	14390	17274	7000
04/20/18	Fri	0.00	31743	56	6272671	4904	1592099	0	5827465	4707	79469	7	28174463	2930	1140550	12	3968139	638	13254	17281	9000
04/21/18	Sat	0.00	31799	24	6277575	3592	1592099	0	5832172	4435	79476	2	28177393	5952	1140562	103	3968777	360	14468	17290	5000
04/22/18	Sun	0.03	31823	24	6281167	3592	1592099	0	5836607	4435	79478	2	28183345	5952	1140665	102	3969137	359	14466	17295	4000
04/23/18	Mon	0.28	31847	37	6284759	0	1592099	0	5841042	4258	79480	8	28189297	6273	1140767	214	3969496	0	10790	17299	11000
04/24/18	Tue	0.00	31884	75	6284759	0	1592099	0	5845300	3652	79488	7	28195570	6150	1140981	1	3969496	449	10334	17310	7000
04/25/18	Wed	0.00	31959	93	6284759	0	1592099	0	5848952	3539	79495	13	28201720	6030	1140982	6	3969945	285	9966	17317	2000
04/26/18	Thu	0.00	32052	79	6284759	4442	1592099	0	5852491	4679	79508	9	28207750	3321	1140988	196	3970230	0	12726	17319	6000
04/27/18	Fri	0.00	32131	89	6289201	0	1592099	0	5857170	3406	79517	12	28211071	6266	1141184	11	3970230	717	10501	17325	5000
04/28/18	Sat	0.00	32220	67	6289201	0	1592099	0	5860576	2891	79529	8	28217337	4687	1141195	120	3970947	0	7773	17330	8000
04/29/18	Sun	0.00	32287	66	6289201	0	1592099	0	5863467	2890	79537	8	28222024	4686	1141315	119	3970947	0	7769	17338	8000
04/30/18	Mon	0.00	32353	58	6289201	4998	1592099	0	5866357	3365	79545	8	28226710	3536	1141434	3	3970947	661	12629	17346	7000
05/01/18	Tue		32411		6294199		1592099		5869722		79553		28230246		1141437		3971608			17353	
TOTAL		4.03		2070		47960		0		124382		132		171290		2546		12074			207000

Leakage Action Rates:
Phase 1/1A - 930 gpd
Phase 2 - 600 gpd
Phase 3 - 680 gpd
Total 2,210

Start Leachate in Storage **30,668** GALLONS

End Leachate in Storage **40,185** GALLONS

REVIEWED BY

Dan S. Sherlock
Acting Director
Citrus County DSWM

Leachate Flow.2018.xls
April

7/3/2018
Shared/
Leachate Files

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
05/01/18	Tue	0.00	32411	60	6294199	0	1592099	0	5869722	2650	79553	9	28230246	6698	1141437	202	3971608	436	10055	17353	7000
05/02/18	Wed	0.00	32471	49	6294199	0	1592099	0	5872372	2854	79562	242	28236944	3203	1141639	0	3972044	356	6704	17360	6000
05/03/18	Thu	0.00	32520	55	6294199	0	1592099	0	5875226	3064	79804	20	28240147	3797	1141639	11	3972400	0	6947	17366	1000
05/04/18	Fri	0.00	32575	57	6294199	5700	1592099	0	5878290	4214	79824	15	28243944	6244	1141650	203	3972400	448	16881	17367	10000
05/05/18	Sat	0.00	32632	34	6299899	0	1592099	0	5882504	2826	79839	4	28250188	4431	1141853	103	3972848	174	7572	17377	4000
05/06/18	Sun	0.00	32666	34	6299899	0	1592099	0	5885330	2825	79843	3	28254619	4430	1141956	103	3973022	174	7569	17381	3000
05/07/18	Mon	0.00	32700	63	6299899	0	1592099	0	5888155	6805	79846	433	28259049	3433	1142059	0	3973196	782	11516	17384	6000
05/08/18	Tue	0.00	32763	54	6299899	5216	1592099	0	5894960	6805	80279	432	28262482	3656	1142059	0	3973978	0	16163	17390	4000
05/09/18	Wed	0.00	32817	44	6305115	0	1592099	0	5901765	6805	80711	432	28266138	7761	1142059	200	3973978	0	15242	17394	6000
05/10/18	Thu	0.00	32861	35	6305115	0	1592099	0	5908570	6805	81143	434	28273899	0	1142259	0	3973978	752	8026	17400	20000
05/11/18	Fri	0.00	32896	21	6305115	0	1592099	0	5915375	5081	81577	0	28273899	6362	1142259	0	3974730	0	11464	17420	4000
05/12/18	Sat	0.00	32917	33	6305115	3807	1592099	0	5920456	3467	81577	0	28280261	3117	1142259	104	3974730	393	10921	17424	7000
05/13/18	Sun	0.00	32950	33	6308922	3806	1592099	0	5923923	3466	81577	0	28283378	3116	1142363	103	3975123	393	10917	17431	7000
05/14/18	Mon	1.00	32983	26	6312728	0	1592099	0	5927389	3099	81577	0	28286494	6483	1142466	0	3975516	0	9608	17438	2000
05/15/18	Tue	1.00	33009	34	6312728	0	1592099	0	5930488	2932	81577	16	28292977	6773	1142466	0	3975516	334	10089	17440	10000
05/16/18	Wed	0.30	33043	16	6312728	0	1592099	0	5933420	2896	81593	9	28299750	6846	1142466	188	3975850	447	10402	17450	6000
05/17/18	Thu	0.80	33059	38	6312728	0	1592099	0	5936316	4	81602	12	28306596	0	1142654	0	3976297	332	386	17456	2000
05/18/18	Fri	1.20	33097	28	6312728	5518	1592099	0	5936320	1503	81614	5	28306596	6765	1142654	0	3976629	0	13819	17458	5000
05/19/18	Sat	1.00	33125	32	6318246	886	1592099	0	5937823	8150	81619	3	28313361	7098	1142654	102	3976629	394	16665	17463	12000
05/20/18	Sun	1.00	33157	32	6319132	886	1592099	0	5945973	8150	81622	3	28320459	7097	1142756	102	3977023	393	16663	17475	11000
05/21/18	Mon	0.70	33189	24	6320018	0	1592099	0	5954123	14877	81625	1	28327556	16434	1142858	220	3977416	337	31893	17486	8000
05/22/18	Tue	0.20	33213	31	6320018	0	1592099	0	5969000	9423	81626	0	28343990	7395	1143078	1	3977753	451	17301	17494	19000
05/23/18	Wed	0.00	33244	28	6320018	7897	1592099	0	5978423	9767	81626	0	28351385	15615	1143079	211	3978204	50	33568	17513	14000
05/24/18	Thu	1.20	33272	17	6327915	0	1592099	0	5988190	12931	81626	0	28367000	8291	1143290	201	3978254	625	22065	17527	5000
05/25/18	Fri	0.00	33289	20	6327915	0	1592099	0	6001121	11112	81626	0	28375291	8457	1143491	1	3978879	454	20044	17532	8000
05/26/18	Sat	0.00	33309	10	6327915	3648	1592099	0	6012233	12086	81626	0	28383748	11416	1143492	203	3979333	375	27738	17540	14000
05/27/18	Sun	1.00	33319	10	6331563	3648	1592099	0	6024319	12085	81626	0	28395164	11416	1143695	203	3979708	375	27737	17554	13000
05/28/18	Mon	1.00	33329	9	6335211	3648	1592099	0	6036404	12085	81626	0	28406580	11415	1143898	203	3980083	375	27735	17567	13000
05/29/18	Tue	1.00	33338	10	6338859	0	1592099	0	6048489	13002	81626	0	28417995	9403	1144101	199	3980458	338	22952	17580	11000
05/30/18	Wed	1.30	33348	15	6338859	0	1592099	0	6061491	59198	81626	0	28427398	11302	1144300	422	3980796	337	71274	17591	16000
05/31/18	Thu	0.00	33363	9	6338859	0	1592099	0	6120689	23705	81626	0	28438700	30430	1144722	400	3981133	403	54947	17607	18000
06/01/18	Fri		33372		6338859		1592099		6144394		81626		28469130		1145122		3981536			17625	
TOTAL		12.70		961		44660		0		274672		2073		238884		3685		9928			272000

Leakage Action Rates:
Phase 1/1A - 930 gpd
Phase 2 - 600 gpd
Phase 3 - 680 gpd
Total 2,210

Start Leachate in Storage **40,185** GALLONS

End Leachate in Storage **39,128** GALLONS

REVIEWED BY
Dan Sherlock
Dan S. Sherlock
Acting Director
Citrus County DSWM

Leachate Flow.2018.xls
May

7/3/2018
Shared/
Leachate Files

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
06/01/18	Fri	0.00	33372	12	6338859	0	1592099	0	6144394	15552	81626	0	28469130	11076	1145122	396	3981536	0	27036	17625	78000
06/02/18	Sat	0.00	33384	4	6338859	3484	1592099	0	6159946	11256	81626	0	28480206	12308	1145518	399	3981536	395	27846	17703	13000
06/03/18	Sun	0.30	33388	3	6342343	3483	1592099	0	6171202	11255	81626	0	28492514	12307	1145917	399	3981931	395	27842	17716	13000
06/04/18	Mon	0.00	33391	2	6345826	0	1592099	0	6182457	8950	81626	0	28504821	11760	1146316	412	3982326	332	21456	17729	11000
06/05/18	Tue	0.00	33393	9	6345826	0	1592099	0	6191407	7908	81626	0	28516581	11096	1146728	211	3982658	0	19224	17740	12000
06/06/18	Wed	1.40	33402	27	6345826	0	1592099	0	6199315	14518	81626	0	28527677	12017	1146939	384	3982658	798	27744	17752	12000
06/07/18	Thu	0.30	33429	14	6345826	0	1592099	0	6213833	8991	81626	0	28539694	12069	1147323	385	3983456	0	21459	17764	8000
06/08/18	Fri	0.20	33443	19	6345826	6370	1592099	0	6222824	8433	81626	0	28551763	12497	1147708	207	3983456	336	27862	17772	8000
06/09/18	Sat	0.00	33462	23	6352196	0	1592099	0	6231257	7338	81626	0	28564260	0	1147915	403	3983792	395	8159	17780	7000
06/10/18	Sun	0.20	33485	23	6352196	0	1592099	0	6238595	7338	81626	0	28564260	0	1148318	403	3984187	394	8158	17787	6000
06/11/18	Mon	0.00	33508	9	6352196	0	1592099	0	6245933	6561	81626	0	28564260	0	1148721	420	3984581	0	6990	17793	2000
06/12/18	Tue	0.80	33517	13	6352196	0	1592099	0	6252494	13336	81626	0	28564260	34374	1149141	405	3984581	451	48579	17795	13000
06/13/18	Wed	0.00	33530	13	6352196	4724	1592099	0	6265830	8279	81626	0	28598634	8186	1149546	184	3985032	341	21727	17808	9000
06/14/18	Thu	0.00	33543	18	6356920	3708	1592099	0	6274109	8130	81626	0	28606820	18119	1149730	401	3985373	0	30376	17817	14000
06/15/18	Fri	0.00	33561	8	6360628	0	1592099	0	6282239	7133	81626	0	28624939	9739	1150131	206	3985373	730	17816	17831	9000
06/16/18	Sat	0.00	33569	7	6360628	4130	1592099	0	6289372	5952	81626	0	28634678	4896	1150337	197	3986103	157	15339	17840	0
06/17/18	Sun	0.00	33576	6	6364758	4130	1592099	0	6295324	5952	81626	0	28639574	4896	1150534	196	3986260	156	15336	17840	1000
06/18/18	Mon	0.00	33582	6	6368888	1259	1592099	0	6301276	5701	81626	0	28644470	10500	1150730	400	3986416	22	17888	17841	6000
06/19/18	Tue	0.90	33588	6	6370147	0	1592099	0	6306977	6542	81626	0	28654970	10729	1151130	199	3986438	450	17926	17847	5000
06/20/18	Wed	0.40	33594	3	6370147	0	1592099	0	6313519	5956	81626	192	28665699	39	1151329	215	3986888	332	6737	17852	4000
06/21/18	Thu	0.50	33597	5	6370147	0	1592099	0	6319475	9920	81818	118	28665738	10844	1151544	196	3987220	0	21083	17856	8000
06/22/18	Fri	0.00	33602	4	6370147	0	1592099	0	6329395	7694	81936	28	28676582	11019	1151740	196	3987220	792	19733	17864	6000
06/23/18	Sat	0.00	33606	8	6370147	0	1592099	0	6337089	6008	81964	17	28687601	5681	1151936	304	3988012	168	12186	17870	5000
06/24/18	Sun	0.00	33614	8	6370147	0	1592099	0	6343097	6007	81981	17	28693282	5680	1152240	303	3988180	167	12182	17875	5000
06/25/18	Mon	0.00	33622	9	6370147	0	1592099	0	6349104	6438	81998	5	28698962	11807	1152543	198	3988347	447	18904	17880	8000
06/26/18	Tue	0.00	33631	8	6370147	8439	1592099	0	6355542	5068	82003	17	28710769	0	1152741	182	3988794	0	13714	17888	7000
06/27/18	Wed	0.20	33639	6	6378586	0	1592099	0	6360610	5574	82020	163	28710769	12420	1152923	199	3988794	331	18693	17895	6000
06/28/18	Thu	1.30	33645	10	6378586	0	1592099	0	6366184	8368	82183	33	28723189	0	1153122	401	3989125	451	9263	17901	7000
06/29/18	Fri	0.30	33655	4	6378586	3233	1592099	0	6374552	7905	82216	25	28723189	12801	1153523	201	3989576	334	24503	17908	7000
06/30/18	Sat	0.90	33659	11	6381819	2701	1592099	0	6382457	36326	82241	26	28735990	9168	1153724	301	3989910	366	48899	17915	15000
07/01/18	Sun		33670		6384520		1592099		6418783		82267		28745158		1154025		3990276			17930	
TOTAL		7.70		298		45661		0		274389		641		276028		8903		8740			305000

Leakage Action Rates:
Phase 1/1A - 930 gpd
Phase 2 - 600 gpd
Phase 3 - 680 gpd
Total 2,210

Start Leachate in Storage **39,128** GALLONS

End Leachate in Storage **29,610** GALLONS

REVIEWED BY

Dan S. Sherlock
Acting Director
Citrus County DSWM

Leachate Flow.2018.xls
June

7/3/2018
Shared/
Leachate Files