Smith, George

From: Henry C. Norris < Henry.Norris@citrusbocc.com>

Sent: Thursday, February 16, 2017 11:41 AM

To: SWD_Waste (Shared Mailbox)

Cc: JEFFREY W. ROGERS; Hilton, Ed; Morris, John R.; Madden, Melissa; Morgan, Steve

Subject: Revised Leachate generation Report **Attachments:** Leachate Generation 4th Q 2016.pdf



Henry C Norris Jr Solid Waste Division Director Citrus County Board of County Commissioners 230 W. Gulf to Lake Hwy Lecanto, Fl 34461 (352) 527-7670



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 TDD Telephone 527-5303

email: landfillinfo@bocc.citrus.fl.us

Citrus Springs/Dunnellon/Inglis/Yankeetown area Toll Free (352) 489-2120

February 16, 2017

Department of Environmental Protection Solid Waste Section 13051 N Telecom Pkwy Temple Terrace, Fl 33637-0926

Re: Citrus County Central Landfill - Permit No. 21375-018-SO/01

Leachate Generation and Daily Precipitation Report

WACS I.D. # 39859 - Electronic Submittal

Gentlemen:

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 months of October, November and December 2016, together with the Year-to-Date Leachate Tracking Summary.

Upon further review report submitted 2.3.17 inaccurately interprets exceedances from total secondary flow phases 1, 2 and 3. Please accept revised submittal indicating no reportable exceedances for the reporting period.

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

Sincerely

Henry C. Norris, Jr. Director, Citrus County

Division of Solid Waste Management

HCN:NM

CC: Jeff Rogers, P.E., Director, Department of Public Works (Electronic)

Ed Hilton, SCS Engineers – Tampa Office (Electronic)

CITRUS COUNTY CENTRAL LANDFILL

			BANG	AND 4A				7	2										
			FINAL	THASE I AND IA				MA	PMASE 2					PHASE 3	SE 3	THE PERSON	TOTAL	TOTAL PHASE 1, 1-A, 2 & 3	1,283
			Secondary		P		Primary		P	Primary		Secondary		Primary		Secondary			
	KAIN	S	80-1 (S)	9	P 2(P)	80-1 (P) F	80-1 (P)	80-2 (P)	P 80	_	80-3 (S) P	80-3 (S)	77	80 (P-1)	80 (P-2)	80 (P-2)	80 ACRE	80 ACRE	80 ACRE
	Z	LS 0	FLOW	LS	O FLOW	LS	FLOW	LS	0 FI	-	o	FLOW	80 (P-1) O	_	LS	FLOW	TOTAL	TOTAL	TOTAL FLOW
	INCHES	METER C	GAL	METER	C GAL	METER C		æ	0	_	METER C		20		METER	GAL	SECONDARY	PRIMARY	GALLONS
10/01/16 Sat	0.00	182373 A	166	4989423	A 0	1192623 A	3195	2890462	ī	0	5270 A	92	23642494 A	18131	911080	365	623	21326	21049
10/02/16 Sun	1.70	182539 A	166	4989423	A 0	1195818 A			9	0	5362 A	92	23660625 A		911445	454	712	21328	22028
10/03/16 Mon	0.50	182705 A	188	4989423	A 0	1199013 A			0	0	5454 A	37	23678756 A	25064	911899	678	202	28008	20800
10/04/16 Tue	0.00	182893 A	150	4989423	A 0	1202945 A		2890462 C	9	٥	5491 A	0	23703820 4	21853	912577	405	845	08080	28005
10/05/16 Wed	0.00	183043 A	167	4989423	Α 0	1207352 A			0	0	5491 A	0	23725673 4	18837	913072	495	682	22016	20802
10/06/16 Thu	0.20	183210 A	187	4989423	Α 0	1210531 A			9	0	5491 A	4	23744510 A	17074	913567	248	430	20178	2000
10/07/16 Fri	0.50	183397 A	235	4989423	A 0	1213633 A		2890462	9	0	5492 A	0	23761584 A	17897	913815	253	488	21823	27314
10/08/16 Sat	0.00	183632 A	186	4989423	Α 0	1217559 A		2890462 C	0	0	5492 A	0	23779481 4	13644	914068	251	437	16314	18751
10/09/16 Sun	0.00	183818 A	186	4989423	A 0	1220229 A			0	0	5492 A	0	23793125 A	13644	914319	251	437	16314	16751
	0.00	184004 A	204	4989423	Α 0	1222899 A			0	0	5492 A	1	23806769 4	12100	914570	247	452	14780	15232
10/11/16 Tue	0.00	184208 A	223	4989423	A 0	1225579 A		2890462	0	0	5493 A	0	23818869 A		914817	250	473	13962	14435
	0.00	184431 A	214	4989423	Α 0	1227944 A	3179	2890462 O	0	0	5493 A	6	23830466 A		915067 A		465	15962	16427
	0.00	184645 A	198	4989423	Α 0	1231123 A	2380		0	0	5499 A	0	23843249 A	13362	915312 A		441	15742	16183
10/14/16 Fri	0.00	184843 A	127	4989423	Α 0	1233503 A	1598	2890462 O	0	0	5499 A	0	23856611 A	7355	915555	2	129	8953	9082
10/15/16 Sat	0.00	184970 A	183	4989423	Α 0	1235101 A	2744	2890462 O	0	0	5499 A	0	23863966 A	9649	915557 A	246	429	12393	12822
UNC 01/01/01	0.00	185153 A	182	4989423	Α 0	1237845 A	2743	2890462 O	0	0	5499 A	1	23873615 A	9649	915803		429	12392	12821
10/1/16 Mon	0.00	185335 A	211	4989423	Α 0	1240588 A	2365	2890462 O	0	0	5500 A	0	23883264 A	10459	A 840916		458	12824	13282
10/18/16 Tue	0.00	185546 A	193	4989423	A 0	1242953 A	2371	2890462 O	0	0	5500 A	0	23893723 A	7703	916296 A		277	10074	10351
10/19/16 Wed	0.00	185739 A	208	4989423 A	A 0	1245324 A	1558	2890462	0	0	5500 A	0	23901426 A	7706	916380 A		292	9264	9556
	0.00	185947 A	202	4989423	Α 0	1246882 A	2344	2890462	0	0	5500 A	0	23909132 A	7699	916464 A		284	10043	10327
	0.00	186149 A	236	4989423 A	A 0	1249226 A			0	0	5500 A	0	23916831 A		916546 A		480	4366	4846
10/22/16 Sat	0.00	186385 A	388	4989423 A	A 13	1251564 A			0	0	5500 A	0	23918859 A	1	916790 A	1	511	2483	2994
10/23/16 Sun	0.00	186773 A	388	4989436 A	A 12	1253146 A	1582	2890462	0	0	5500 A	1	23919747 A		916913 A		511	2481	2992
10/24/16 Mon	0.00	187161 A	366	4989448	Α 0	1254728 A	1595	2890462 O	0	0	5501 A	0	23920634 A	1241	917035 A	1	367	2836	3203
10/25/16 iue	0.00	187527 A	224	4989448	Α 0	1256323 A	3	2890462 O	0	0	5501 A	0	23921875 A		A 90716	21	245	382	627
10/26/16 Wed	0.00	187751 A	193	4989448	Α 0	1256326 C	5	2890462 O	0	0	5501 A	0	23922254 A	3937	917057 A	216	409	3942	4351
10/2//16 Ihu	0.00	187944 A	213	4989448	A 0	1256331 C	10	2890462 0	0	0	5501 A	0	23926191 A		917273 A	4	217	5332	5549
10/28/16 Fri	0.00	188157 A	227	4989448	A 0	1256341 O	14	2890462 O	0	0	5501 A	0	23931513 A		917277 A	234	461	1788	2249
10/29/16 Sat	0.00	188384 A	196	4989448	A 0	1256355 C	21	2890462 O	0	0	5501 A	0	23933287 A		917511 A		206	4105	4311
10/30/16 Sun	0.00	A 085881	198	4989448	0	1256376 C		2890462 0	0	0	5501 A	0	23937371 A	4083	917521 A	9	205	4148	4353
10/31/16 Mon	0.00	188776 A	243	4989448 A	A 0	1256396 C	45	2890462 O	0	0	5501 A	0	23941454 A		917530 A	255	498	4796	5294
11/01/16 Tue		189019		4989448		1256441		2890462			5501		23946205	1	917785	1			
TOTAL	2.90		6646		25		63863		1	٥		231		303711		6705	13582	367599	381181
200																			
	1																		

POC - PUMP OPERATION CODE
A - AUTOMATIC

CITRUS COUNTY CENTRAL LANDFILL

			420227	I	000	-	3		57066		51452		8291		0.00	ř	TOTAL
1		920332		24066432		7,800		2990482		1313007	I	0080th00		101010	-		
1	244	920088	3793	24062639 A	0	5587 A	0	2890465	1612	1311895 A	0	5040900 A	205	19/105 A	0.00	VVed	1/30/16 VVed
	9	920079	3446	24059193 A	1	5586 A	0	2890465	1622	1310273 A	2304	5038596 A	т	196928 A	0.00	Bui	1/29/16
	9	920070	Ī	24055960 A	0	5586 A	0	2890465 0	1640	1308633 A	3275	5035321 A	197	196731 A	0.00	Mon	1/28/16
	128	919942		24052291 A	0	5586 A	0	2890465 O		1306607 A	1496	5033825 A	264	196467 A	0.00	Sun	1/27/16
	128	919814	3670	24048621 A	0	5586 A	0	2890465 O	2027	1304580 A	1496	5032329 A	265	196202 A	0.00		1/26/16
	12	919802	3500	24045121 A	1	5585 A	0	2890465	2473	1302107 A	3138	5029191 A	262	195940 A	0.00		1/25/16
	6	919796 A		24041854 A	0	5585 A	0	2890465 O	1659	1300448 A	0	5029191 A		195732 A	0.00		1/24/16
	12	919784 A		24037897 A	1	5584 A	0	2890465 O		1298779 A	1970	5027221 A		195468 A	0.00		1/23/16 Wed
	237	919547 A		24035014 A	0	5584 A	0	2890465 O	1650	1297129 A		5027221 A	250	195218 A	0.00	lue	1/22/16
	8	919539	3529	24031485 A	1	5583 A	0	2890465 O	2473	1294656 A	S	385 5027216 A	385	194833 A	0.00		1/21/16
	10	919529	5178	24026307 A	1	5582 A	0	2890465 C	3330	1291326 A	6	456 5027210 A	456	194377 A	0.00	Sun	1/20/16
	123	919406	3728	24022579 A	3	5579 A	1	2890464 O	2939	1288387 A	1347	5025863 A	267	194110 A	0.00	Sat	1/19/16
	123	919283	3729	24018850 A	3	5576 A	0	2890464 0	2939	1285448 A	1347	5024516 A	_	193842 A	0.00		1/18/16
	35	919248	4164	24014686 A	16	5560 A	1	2890463	5270	1280178 A	18229	5006287 A	507	183335 A	0.00	-	1/1//16
	143	919105	4981	24009705 A	19	5541 A	0	2890463 O	23626	1256552 A		324 4989467 A	324	193011 A	0.00		1/16/16
	143	918962	4981	24004724 A	12	5529 A	0	2890463 C	111	1256441	T	4989448 A	360	192651 A	0.00	ue	1/15/16
	8	918954	4168	24000556 A	1	5528 A	0	2890463 0	0	1256441 C	0	4989448 A		192250 A	0.00	Mon	1/14/16
	129	918825		23996454 A	0	5528 A	0	2890463 O	0	1256441	0	4989448 A		192001 A	0.00	Sun	1/13/16
	130	918695		23992351 A	0	5528 A	0	2890463 O	0	1256441 C	0	4989448 A	250	191751 A	0.00	Sat	1/12/16
	16	918679	4608	23987743 A	0	5528 A	0	2890463 C	0	1256441 C	0	4989448 A	365	191386 A	0.00	Fn	1/11/16
	14	918665	3513	23984230 A	0	5528 A	0	2890463 C	0	1256441 C	0	4989448 A	254	191132 A	0.00	Thu	1/10/16
	256	918409	4519	23979711 A	0	5528 A	0	2890463 C	0	1256441 C	0	4989448 A	331	190801 A	0.00		1/09/16
	19	918390	4369	23975342 A	0	5528 A	0	2890463 C	0	1256441 C	0	4989448 A		190588 A	0.00	lue	1/08/16
	16	918374	3456	23971886 A	25	5503 A	0	2890463 C	0	1256441 C	0	4989448 A	226	190362 A	0.00		1/07/16
	137	918237	4692	23967194 A	1	5502 A	0	2890463 C	0	1256441	0	4989448 A	262	190100 A	0.00	Sun	1/06/16
	137	918100	4693	23962501 A	0	5502 A	1	2890462 O	0	1256441	0	4989448 A	262	189838 A	0.00	Sat	1/05/16
	18	918082	3573	23958928 A	0	5502 A	0	2890462 O	0	1256441 C	0	4989448 A	157	189681 A	0.00		1/04/16
		918063	3992	23954936 A	0	5502 A	0	2890462 O	0	1256441 C	0	4989448 A	237	189444 A	0.00		1/03/16
	259	917804 A	4837	23950099 A	1	5501 A	0	2890462 O	0	1256441	0	4989448 A	247	189197 A	0.00	Wed	1/02/16
	19	917785 A	3894	23946205 A		5501 A	0	2890462 0	0	1256441 C	0	4989448 A	178	189019 A	0.00		1/01/16
SECONDARY	-8	METER	GAL	METER		METER	GAL	METER C		LS METER C	GAL	METER C	GAL	METER C	S	DAY	DATE
TOTAL	EI OW	0	E OW	18.	FIOW	ls.		LS		80-1 (P)	FLOW	LS	FLOW	LS	ž		
80 40	Secondary 80 (D-2)	80 (P-2)	Primary 80 (P-1)	80 (P-1) P	Secondary 80-3 (S)	80-3 (S) P		80-2 (P) P 80-2 (P)	Primary 80-1 (P)	71	Primary 80-2 (P)	80-2 (P) P	Secondary 80-1 (S)	80-1 (S) P	-		
		PHASE 3	PHA				E 2	PHASE 2				ANDIA	PRIADE				
		SF3	PHA				E 2	PHAS				AND 1A	PHASE 1 AND 1A				

POC - PUMP OPERATION CODE
A - AUTOMATIC
M - MANUAL
O - OFF

CITRUS COUNTY CENTRAL LANDFILL

118882 1742 0420 255032
A
0 24178100 A 3607 922066 A 8 267
A 7093 922065 A 1 336
A 3324 922065 A 0 284
A 3793 922047 A 18 227
A 3530 921786 A 261 473
A 3716 921771 A 15 193
A 3517 921764 A 7 194
A 3517 921757 A 7 193
A 4062 921751 A 6 230
A 3473 921751 A 0 206
A 3982 921515 A 236 615
A 3573 921514 A 1 276
A 3910 921512 A 2 205
3611 921504 A 8 254
A 3612
A 3484 921487 A 8 206
A 3275 921250 A 237 494
A 3123 921247 A 3 205
A 3173 921240 A 7 248
A 4176 920990 A 250 470
A 4367 920974 A 16 304
A 4367 920957 A 17 306
A 4145 920942 A 15 377
A 3247 920685 A 257 522
A 4727 920661 A 24 316
A 4476 920645 A
A 3906 920383 A 262 344
A 3862 920368 A 15 252
A 3862 920353 A 15 254
A 3535 920343 A 10 289
4 24066432 A 2837 920332 A 11 387
METER C GAL METER C GAL SECONDARY P
LS O FLOW LS O FLOW TOTAL
80-3 (S) 80 (P-1) P 80 (P-1) 80 (P-2) P 80 (P-2) 80 ACRE 80 ACRE
Primary
PHASE 3 TOTAL PHASE 1, 1-A, 2 & 3
A STATE OF THE PARTY OF THE PAR

A - AUTOMATIC
M - MANUAL

O- OFF

2/16/2017 Shared/

CITRUS COUNTY CENTRAL LANDFILL LEACHATE GALLONS

3527997	4355000	0	4355000	0	7882997	0	152495	7602066	128436	57.6	YTD TOTAL
0											
1	99000	0	99000	0	274682	0	9420	255932	9330	0.70	DECEMBER
-2336	252000	0	252000	0	249664	0	10924	228748	9992	0.00	NOVEMBER
51630	341000	0	341000	0	392630	0	13582	367599	11449	2.90	OCTOBER
302163	617000	0	617000	0	919163	0	26327	879682	13154	10.70	SEPTEMBER
355671	401000	0	401000	0	756671	0	12152	729373	15146	9.70	AUGUST
521005	179000	0	179000	0	700005	0	6005	685261	8739	2.10	AULY
794953	678000	0	678000	0	1472953	0	15944	1447559	9450	8.60	JUNE
343652	424000	0	424000	0	767652	0	12038	745199	10415	6.20	MAY
306009	250000	0	250000	0	556009	0	7985	538654	9370	2.60	APRIL
487838	331000	0	331000	0	818838	0	8651	799802	10385	4.50	MARCH
166657	379000	0	379000	0	545657	0	13040	522781	9836	4.10	FEBRUARY
25073	404000	0	404000	0	429073	0	16427	401476	11170	5.50	JANUARY
BALANCE	TOTAL DISPOSAL BALANCE	DISPOSAL ON-SITE	DISPOSAL OFF-SITE	OFF-SITE	INFLUENT LEACHATE	PROJECT	PHASE 1,1A, 2 & 3	PHASE 1,1A, 2 & 3	LEACHATE	DATA	MONTH
		EFFLUENT	LEACHATE (RAW) FOR	LEACHATE (RAW) FOR	TOTAL	LEACHATE OR	TOTAL OF SECONDARY	TOTAL OF PRIMARY	7-ACRE]	
			FORCE MAIN	HAULED		SURFACE	80-ACRE	80-ACRE			