

AGENDA
Dallas Center City Council
November 17, 2020 – 6:00 pm

On November 10, 2020, Iowa Governor Kim Reynolds issued an updated Proclamation of Disaster Emergency, which among other matters, encouraged all vulnerable Iowans to limit their activities outside of their home including their participation in gatherings of any size and any purpose. The Governor's Proclamation allows a community gathering (such as a public meeting) of more than ten persons so long as social distancing of at least six feet is maintained and increased hygiene practices are undertaken. The Governor further continued the suspension of state laws requiring a public meeting or hearing to the extent the laws could be interpreted to prevent a governmental body from limiting the number of people present for an in-person location of the meeting, providing the governmental body provides a means for the public to participate by telephone or electronically. Compliance with the social distancing requirements for a public meeting would unduly limit the public's participation at a City Council meeting. As permitted by Iowa Code Section 21.8 the City Council meeting will be conducted by electronic means. The public is encouraged to access the meeting electronically in the manner specified below.

The meeting will be conducted by Zoom at the following Internet link or telephone numbers:
<https://us02web.zoom.us/j/87410507190>

If a Zoom user has the Zoom app, just enter the meeting ID 874 1050 7190

Or a member of the public may connect to the meeting by telephone using any of the following numbers (the Meeting ID is 874 1050 7190 #): Dial by your location
+1 646 558 8656 +1 301 715 8592 +1 312 626 6799 +1 669 900 9128

Depending on the caller's long-distance calling plan, long distance charges may apply.

The meeting will originate in the City Hall at 1502 Walnut Street (which will not be open to the public). The Zoom connection will be available starting at approximately 5:50 p.m.

1. Roll call
2. Action to approve agenda
3. Discussion and possible action on biosolids removal at the Wastewater Treatment Facility
4. Budget Strategy Session
5. Adjournment

Cindy Riesselman, City Clerk



VEENSTRA & KIMM, INC.

3000 Westown Parkway • West Des Moines, Iowa 50266-1320

515-225-8000 • 515-225-7848 (FAX) • 800-241-8000 (WATS)

November 13, 2020

Cindy Riesselman
City Clerk
City of Dallas Center
1502 Walnut Street
P.O. Box 396
Dallas Center, Iowa 50063

DALLAS CENTER, IOWA
WASTEWATER TREATMENT FACILITY IMPROVEMENTS
BIOSOLIDS REMOVAL

The contract between the City of Dallas Center and C.L. Carroll Co., Inc. includes a provision for the removal of biosolids. The contract included an estimated quantity for the removal of biosolids of 800 dry tons. As indicated in the writer's previous correspondence estimating the quantity of removal of dry biosolids is extremely difficult and unreliable.

As of November 9, 2020, Nutri-Ject, subcontractor to C.L. Carroll Co., Inc. had removed 534.23 tons from Cell No. 2 and 345.93 tons from Cell No. 1. Based on the daily numbers provided by C.L. Carroll Co., Inc.'s subcontractor, the total biosolids removed through November 9, 2020 was 880.15 tons.

Enclosed is an updated production report from Nutri-Ject showing a removal of 887.34 dry tones. The total does not match the daily totals because they calculate the total based on the total volume and average solids concentration, rather than using the daily totals. It is noted Nutri-Ject originally showed the removal to be 951.5 dry tons, but Nutri-Ject has agreed that number was incorrect.

Nutri-Ject indicates they are approximately 25% complete with the removal of the biosolids in Cell No. 1. Additional biosolids should be removed from Cell No. 1. However, complete removal of biosolids from Cell No. 1 is not essential. Not removing the biosolids at this time will likely result in the City removing biosolids at a future date that would be earlier than would be the case had all the biosolids been removed. It will be another several years before biosolids would need to be removed even if biosolids were left in the bottom of Cell No. 1 at this time. Also, biosolids removal in Cell No. 3 is considered less critical.

Cindy Riesselman
November 13, 2020
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Based on the additional biosolids that was removed only in Cell No. 1 the additional cost to the City would be \$53,026.31. Had the biosolids removal continued without any limitations it is anticipated the total cost for the biosolids removal could exceed the contract amount by up to \$150,000.

The biosolids in Cell No. 1 ranged from approximately 2 feet deep near the inlet end of the cell to about 6 inches in the opposite end of Cell No. 1. Nutri-Ject is currently removing biosolids in the inlet end of Cell No. 1 where the depth of the biosolids would interfere with the new aeration system.

Based on the biosolids in Cell No. 1 some additional biosolids need to be removed to avoid interference with the aeration system. However, the amount of biosolids can be limited.

Based on discussions with Nutri-Ject on November 12 and November 13, 2020 the writer proposed limiting the biosolids removal to 1,150 tons, with no biosolids removed in Cell No. 3. This quantity would provide for the removal of about 616 tons of biosolids from Cell No. 1 or slightly more than the combined biosolids removal originally contemplated for Cell No. 1 and Cell No. 2. The removal of the 616 tons should reduce the biosolids in Cell No. 1 to a level that will not interfere with the new aeration system.

Based on the 1,150 tons, the overrun of biosolids would be 350 tons. At the unit cost this would increase the contract price by \$59,062.50. The biosolids removal in Cell No. 1 would be limited to an amount not more than \$6,000 greater than the original planned quantity for biosolids removal in combined Cells No. 1 and 3. Nutri-Ject has agreed to limit the biosolids removal to 1,150 tons to avoid a greater overrun.

If you have any questions or comments concerning the project, please contact the writer at 225-8000, or at bveenstra@v-k.net.

VEENSTRA & KIMM, INC.



H. R. Veenstra Jr.

HRVJr:paj
212163
Enclosure

cc: Ralph Brown, Brown, Fagen, & Rouse – w/enclosure

NUTRI-JECT SYSTEMS, INC.
PO BOX 398--HUDSON, IA 50643
(319)988-4205/ (319)988-3506 FAX



Dallas Center, IA Lagoon Storage 2020

Preliminary Production Report

EQUIPMENT LIST	LAND OWNER	EMPLOYEE LIST				
NH TG285		Rob Butler				
White Hose Reel	Field #1	Rick Nissen				
Tool Bar	Sec. 11, Twp 79N,	Jeff Johnson				
Lagoon Pump	R-27W					
JD 4850	Field #2					
Grey Hose Reel	Sec. 12, Twp 79N,					
DATE/DAY	WEATHER	Description	Cord System	Avg. On-Site Testing	Daily DT	GALLONS
10/21/2020	50 / 37°	Mobe equipment				
10/22/2020	Rain 2" 52 / 37°	set-up, mobe equip.				
10/23/2020	Rain 1.3" 40 / 32°	De-Water				
10/24/2020	38 / 25°	De-Water				
10/25/2020	36 / 28°	De-Water				
10/26/2020	32 / 24°	De-Water				
10/27/2020		Cell #2				
10/27/2020	39 / 25°	NJS Field #1	54270	13.77%	31.16	54270
10/28/2020	53 / 26°	NJS Field #1	200200	15.80%	131.90	254470
10/29/2020	42 / 32°	NJS Field #1	215100	20.63%	185.04	469570
10/30/2020	51 / 29°	NJS Field #1	110600	26.86%	123.88	580170
10/31/2020	66 / 38°	NJS Field #1	54900	27.19%	62.25	635070
11/1/2020	45 / 29°	Set-Up & De-Water				635070
11/2/2020	62 / 75°	De-Water				635070
11/3/2020	77 / 38°	De-Water				635070
11/4/2020	74 / 44°	De-Water				635070
11/5/2020	71 / 46°	De-Water				635070
11/6/2020	74 / 44°	Primary Cell				635070
11/6/2020		NJS Field #1	95420	10.90%	43.37	730490
11/7/2020	72 / 53°	NJS Field #1	265970	9.85%	109.25	996460
11/8/2020	70 / 49°	NJS Field #2	221670	12.44%	114.99	1218130
11/9/2020	72 / 39°	NJS Field #2	155600	12.07%	78.32	1373730
11/10/2020	Rain .7" 40 / 30°	Wet Fields	0			
11/11/2020	51 / 30°	Wet Fields	0			
11/12/2020	53 / 24°	Started Production				
11/12/2020	10:10am	shut down by City				
11/13/2020	45 / 31°	NJS Field #2				
			1373730		887.34	
		Field #1		Field #2		
Total gallons	1,373,730	996460		377,270		
Total Loads		Cord System		Cord System		
Total dry ton	887.34	643.65		243.69		
Total Solids	15.49%	15.49%		15.49%		On-Site solids Test 15.68%
Total acres	110.9	76.7		34		Test America 15.3%
Dry ton/acre	8.00	8.40		7.11		Average of both 15.49 %
Lbs/acre	15,996	16,794		14,211		

Gallons/acre	12,382	13,000	11,000
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Fund Balances

	2011	2012	2013	2014	2015	2016	2017	2,018	2019	2020
General	\$640,780	\$663,724	\$661,584	\$662,808	\$724,451	\$786,146	\$874,497	\$835,557	\$890,607	\$842,980
T&A (PD) Benevolent	\$778	\$780	\$861	\$598	\$699	\$751	\$753	\$757	\$769	\$782
T&A (FT)	\$129,049	\$133,295	\$137,496	\$141,704	\$151,766	\$176,835	\$201,463	\$227,406	\$258,760	\$302,591
T&A (SC)	\$6,546	\$6,558	\$6,568	\$7,578	\$7,582	\$9,144	\$9,211	\$12,327	\$12,517	\$12,727
Depr Police	\$48,524	\$22,518	\$2,500	\$9,700	\$19,721	\$29,762	\$39,803	\$56,158	moved to fd	0
Depr Non RUT Equip	\$26,661	\$46,714	\$49,188	\$43,223	\$22,249	\$16,268	\$15,291	\$42,323	\$70,763	\$8,323
Depr Park	\$14,755	\$14,783	\$12,646	\$8,109	\$6,049	\$8,061	\$5,349	\$7,388	\$8,516	\$3,468
Depr Swim Pool	\$55,520	\$52,920	\$41,990	\$42,053	\$42,077	\$42,427	\$42,794	\$68,290	\$69,170	\$70,932
Depr PW Bldg	\$0	\$0	\$0	\$0	\$20,015	\$40,065	\$60,219	\$80,309	\$102,457	\$35,077
Depr FD Equip	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$67,015	\$26,155
T&A (SL)	\$9,402	\$9,829	\$10,039	\$10,662	\$13,385	\$17,560	\$17,454	\$18,020	\$18,273	\$19,925
Road Use Tax	\$64,346	\$66,515	\$75,538	\$105,255	\$189,483	\$214,101	\$241,873	\$269,374	\$190,365	\$113,680
Depr RUT Equip	\$47,642	\$51,666	\$61,857	\$29,017	\$29,506	\$41,798	\$49,181	\$74,181	\$99,181	\$22,767
Sidewalk Proj	\$11,741	\$10,602	\$10,346	\$0	\$0	\$0	\$0	\$0	\$0	\$0
T&A (EB)	\$6,328	\$21,255	\$21,162	\$25,435	\$50,311	\$78,690	\$98,583	\$39,056	\$56,058	\$51,687
LOST Swim Pool	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$205,426	\$499,432
TIF	\$37,202	\$19,649	\$38,870	\$17,598	\$12,454	\$16,905	\$36,165	\$16,375	\$16,812	\$9,928
T&A (Burnett Rec)	\$51,199	\$59,801	\$90,647	\$55,014	\$89,261	\$121,125	\$68,269	\$609,104	\$302,328	\$315,219
T&A (Burnett Rec Pool)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$325,000	\$333,689
T&A (Burnett Library)	\$50,413	\$73,241	\$88,991	\$100,688	\$132,340	\$161,644	\$139,402	\$744,951	\$748,527	\$775,175
T&A (Burnett Cap Imp)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$629,806	\$640,796	\$664,612
Rec Trail	\$24,034	\$23,078	\$15,549	\$10,740	\$8,726	\$6,179	\$0	\$0	\$0	\$0
Debt Service	\$5,063	\$10,118	\$9,953	\$8,819	\$7,469	\$17,288	\$20,820	\$22,937	\$31,833	\$43,298
T&A (B)	\$14,300	\$14,328	\$14,349	\$14,371	\$14,379	\$14,496	\$14,619	\$14,808	\$14,898	\$15,269
T&A (Y)	\$14,961	\$14,990	\$12,453	\$12,472	\$12,478	\$12,592	\$12,710	\$12,888	\$12,971	\$13,289
Water	\$233,724	\$210,570	\$248,952	\$319,953	\$379,832	\$341,186	\$445,835	\$470,674	\$560,685	\$551,113
Sewer	\$205,599	\$243,914	\$279,794	\$323,624	\$423,962	\$528,623	\$684,961	\$793,024	\$830,036	\$270,522
Storm District	\$51,047	\$63,336	\$76,313	\$76,144	\$65,187	\$59,517	\$1,499,806	\$194,139	\$196,294	\$18,183
Total	\$2,864,253	\$1,813,333	\$1,971,967	\$2,026,945	\$2,424,763	\$2,742,547	\$4,579,058	\$5,239,852	\$5,730,057	\$5,020,821

Dallas Center Levy Rates

Fiscal year Rate per \$1000

2000	\$13.79
2001	\$10.99
2002	\$13.36
2003	\$12.08
2004	\$12.08
2005	\$11.80
2006	\$11.43
2007	\$10.99
2008	\$11.58
2009	\$11.60
2010	\$12.16
2011	\$11.98
2012	\$12.98
2013	\$12.98
2014	\$12.98
2015	\$12.99
2016	\$12.98
2017	\$12.53
2018	\$13.67
2019	\$13.36
2020	\$12.68
2021	\$12.68

Levy Rates

	2017	2018	2019	2020	2021
Dallas Center	12.53	13.68	13.36	12.68	12.68
Grimes	12.91	12.91	12.91	12.81	11.71
Minburn	15.73	15.96	15.64	15.58	15.24
Waukee	13.50	13.50	13.40	13.40	13.30
Adel	14.55	14.30	14.28	14.26	14.30
Granger	15.87	16.88	15.81	15.42	15.34
DeSoto	12.63	12.88	12.82	12.70	12.70
Van Meter	15.40	16.16	15.20	14.75	14.66
Woodward	17.35	16.77	17.99	17.34	15.92

	2011 GO	2016 GO	2020 GO	Total	Levy rate
2018	\$97,640.00	\$196,039.79		\$293,679.79	3.81
2019	\$101,110.00	\$191,155.00		\$292,265.00	3.79
2020	\$99,160.00	\$194,875.00		\$294,035.00	3.82
2021	\$113,841.42	\$193,035.00	\$61,696.37	\$368,572.79	4.5
2022	\$77,092.00	\$216,395.00	\$69,860.00	\$363,347.00	4.44
2023	\$79,914.00	\$213,757.50	\$69,900.00	\$363,571.50	4.44
2024	\$77,660.00	\$216,320.00	\$69,920.00	\$363,900.00	4.44
2025	\$80,425.00	\$213,220.00	\$69,920.00	\$363,565.00	4.44
2026	\$83,114.00	\$210,320.00	\$69,900.00	\$363,334.00	4.44
2027	\$85,727.00	\$196,470.00	\$69,860.00	\$352,057.00	4.3
2028	\$88,264.00	\$193,070.00	\$69,800.00	\$351,134.00	4.29
2029	\$93,725.00	\$188,770.00	\$69,720.00	\$352,215.00	4.3
2030	\$96,053.00	\$184,670.00	\$69,620.00	\$350,343.00	4.28
2031	\$97,305.00	\$185,370.00	\$69,500.00	\$352,175.00	4.3
2032		\$246,120.00	\$69,360.00	\$315,480.00	3.85
2033		\$244,720.00	\$69,200.00	\$313,920.00	3.83
2034		\$248,370.00	\$70,020.00	\$318,390.00	3.89
2035		\$250,945.00	\$69,800.00	\$320,745.00	3.92
2036		\$238,090.00	\$69,560.00	\$307,650.00	3.76
			\$69,300.00	\$69,300.00	0.85
			\$70,020.00	\$70,020.00	0.86
			\$69,700.00	\$69,700.00	0.85
			\$69,360.00	\$69,360.00	0.85

\$1,271,030.42 \$4,021,712.29 \$1,386,016.37 \$6,678,759.08