

**Upper Blue Sanitation District**  
**Board of Directors Meeting**  
**Thursday January 12, 2017 @ 5:30 PM**

**I. ROLL CALL:**

Mr. Barrie Stimson called the meeting of the Upper Blue Sanitation District Board of Directors to order at 5:30 PM. Mr. Jason Hart, Mr. Allyn Mosher, Mrs. Patricia Theobald and Mr. Barrie Stimson answered "present" at roll call.

Mr. Andrew Carlberg and Ms. Marjorie Covey attended as well.

**II. MINUTES:**

December 8, 2016 minutes: Mr. Hart made a motion to approve the December 8, 2016 Board of Directors meeting minutes. Mr. Mosher seconded the motion. The motion was passed unanimously by the Board.

**III. PUBLIC HEARINGS:**

A. Resolution 1, Series 2017, Inclusion of Lot 60 Breckenridge Park Estates Subdivision  
Mr. Carlberg said that the Board accepted the Inclusion Petition for Lot 60 Breckenridge Park Estates Subdivision at the December Board Meeting and called for a Public Hearing. The Notice of Hearing has been published in the newspaper and to date the District has not received any comments. Mr. Carlberg said he recommends that the Board approve Resolution 1, Series 2017 for the Inclusion of Lot 60 Breckenridge Park Estates Subdivision.

Mr. Mosher made a motion to approve Resolution 1, Series 2017 for the Inclusion of Lot 60 Breckenridge Park Estates Subdivision. Mr. Hart seconded the motion. The motion was passed unanimously by the Board

**IV. PUBLIC COMMENT:** None

**V. BILLS:**

The bills were reviewed and discussed by the Board of Directors.

Mr. Mosher made a motion to approve the bills as presented. Mrs. Theobald seconded the motion. The motion was passed unanimously by the Board.

**VI. FINANCIAL REPORT:**

-The Financial Report was accepted by the Board of Directors.

**VII. MONTHLY REPORTS:**

B. Plant and Collection:

The Plant and Collection reports were discussed by the Board of Directors. Mr. Carlberg said that the District's highest flows last month were during Christmas week, especially New Year's Eve.

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C. Manager Report:

-Blue River Sewer Line Extension

Mr. Carlberg said that the District is finalizing the plans and specs for the Blue River sewer line extension and the project will go out to bid on January 31, 2017. The District talked to Stan Miller, Inc. about doing excavation underground boring along the Highway 9 portion of the line extension so that the District would not have to dig up and repair Highway 9. Mr. Carlberg said that he would ask to have the project bid both ways, underground boring and open cut.

-South Blue Plant Upgrade

Mr. Carlberg said that the plans and specs are close to completion and that he had the engineer do a design modification on the grade of the road going up to the plant. Mr. Carlberg said that he also removed the flow equalization basin for now, but will redesign it to be placed elsewhere in the plant. The District will put the project out to bid on January 31, 2017.

-Nutrient Regulations

Mr. Carlberg said that he continues to follow the Health Department's discussions on the implementation of the Nutrient Regulations concerning Phosphorous and Nitrogen. It looks like the Health department is leaning toward delaying the implementation until 2027. In addition, the Health Dept. is also considering lowering the concentrations they would allow to be discharged. If the Health Dept. lowers the concentrations there would definitely be impacts on the District.

**VIII. OLD BUSINESS:**

**IX. NEW BUSINESS:**

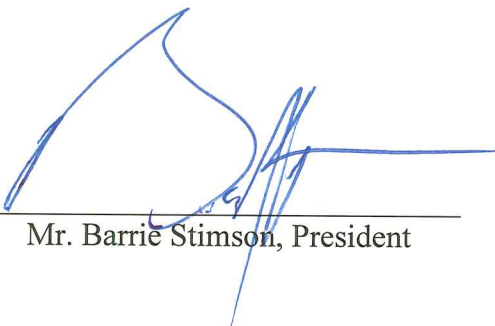
D. Resolution 2, Series 2017, Establish Time and Place of Meetings

Mrs. Theobald made a motion to approve Resolution 2, Series 2017 to establish time and place of meetings. Mr. Mosher seconded the motion. The motion was passed unanimously by the Board.

**X. CORRESPONDENCE:**

**XI. ADJOURN:**

Mr. Hart made a motion to adjourn the meeting at 6:00 PM. Mr. Mosher seconded the motion. The motion was passed unanimously by the Board.

  
Mr. Barrie Stimson, President  
Mr. Allyn Mosher, Secretary

# Memorandum

**To:** Andy Carlberg

**From:** Marjorie Covey

**Date:** January 6, 2017

**Re:** Financial Update

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-The District's Financial Records are in good order.

-We have not received all of the December 2016 bills (ie: Xcel Energy). Therefore, the December 2016 Financial Statements are a preliminary draft for your review.

-The December 2016 accounts payable check register is included in the financial section of the Board packet behind the red tab.

*Marjorie*



Upper Blue Sanitation District  
Comparative Balance Sheet-UNAUDITED DRAFT  
December 31, 2016 and December 31, 2015

	<u>2016</u>	<u>2015</u>	<u>Increase</u> <u>(Decrease)</u>
<b><u>Current Assets:</u></b>			
Petty Cash	\$200	\$200	-
Checking-Wells Fargo Bank	20,569,411	19,160,162	1,409,249
Cash-Centennial Bank Money Market	-	250,917	(250,917)
ColoTrust Prime	3,651,621	3,641,306	10,315
Total Cash and Equivalents	24,221,232	23,052,585	1,168,647
Investments			
FK Construction Retainage Escrow	-	-	-
Cert. of Deposit & Treasuries	-	2,001,565	(2,001,565)
Total Investments	-	2,001,565	(2,001,565)
Other Current Assets			
Receivables-Utility + Spec. Assessments	7,712	13,668	(5,956)
Developer/Contractor Escrow	181,236	152,086	29,150
Interest Receivable & Market Adjustments	-	-	-
Notes Receivable	263,065	303,490	(40,425)
Prepaid Expenses	157,903	147,907	9,996
Loan Issuance Costs (Net)	-	-	-
Total Other Assets	609,916	617,151	(7,235)
<b>Total Current Assets:</b>	<b>24,831,148</b>	<b>25,671,301</b>	<b>(840,153)</b>
Property Plant and Equipment:			
Land	721,070	721,070	-
Easements	98,254	97,113	1,141
Sewer Lines	14,010,758	13,894,928	115,830
Treatment Plants	77,732,030	77,397,858	334,172
Office Equipment	210,830	210,830	-
Other Machines & Equipment	530,064	459,772	70,292
Autos & Trucks	1,206,452	1,144,022	62,430
IH Administration Building	138,162	138,162	-
Upper Blue System Costs	6,324,338	5,711,804	612,534
Telemetry	316,466	316,466	-
Employee Housing	1,038,191	1,038,191	-
Total Property Plant and Equipment :	102,326,615	101,130,216	1,196,399
<b>Less Accumulated Depreciation</b>	<b>(34,069,052)</b>	<b>(31,881,051)</b>	<b>(2,188,001)</b>
Net Property Plant and Equipment :	68,257,563	69,249,165	(991,602)
<b>Total Assets:</b>	<b>93,088,711</b>	<b>94,920,466</b>	<b>(1,831,755)</b>

**Liabilities**

	<u>2016</u>	<u>2015</u>	<u>Increase</u> <u>(Decrease)</u>
<b>Current Liabilities:</b>			
<b>Accounts Payable</b>	189,328	367,772	(178,444)
Construction/Developer Escrow	181,236	152,086	29,150
Earned Employee Benefits	116,677	124,965	(8,288)
Unearned User Fees	-	-	-
Interest Payable	118,789	131,843	(13,054)
Loan Payable (Current Portion)	93,340	964,010	(870,670)
Retainage Payable-Construction in Progress	-	-	-
Retainage Payable-Blue River	-	-	-
Employee Housing Deposit Payable	1,750	1,750	-
<b>Total Current Liabilities:</b>	<b>701,120</b>	<b>1,742,426</b>	<b>(1,041,306)</b>
<b>Long Term Liabilities:</b>			
<b>Loan Payable</b>	1,460,017	7,385,294	(5,925,277)
<b>Total Long Term Liabilities:</b>	<b>1,460,017</b>	<b>9,290,474</b>	<b>(7,830,457)</b>
<b>Total Liabilities</b>	<b>2,161,137</b>	<b>11,032,900</b>	<b>(8,871,763)</b>
<b>Net Assets</b>			
Invested in Capital Assets, Net of Related Debt	60,752,339	60,752,339	-
Unrestricted Net Assets	20,175,235	15,135,227	5,040,008
Unrestricted Net Assets - Nutrient Reserve	10,000,000	8,000,000	2,000,000
<b>Total Contributed Capital</b>	<b>90,927,574</b>	<b>83,887,566</b>	<b>7,040,008</b>
<b>Total Liabilities and Equity</b>	<b>93,088,711</b>	<b>94,920,466</b>	<b>(1,831,755)</b>

Upper Blue Sanitation District  
Monthly Financial Statement-UNAUDITED DRAFT  
December 31, 2016

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	2016 December	2016 Year To Date	2016 Approved Budget	2016 Uncollected	2016 % Uncol/Col
<b>Operating Revenue</b>					
Sewer User Fees	464,360	5,466,844	5,400,000	(66,844)	(1)
Tap Inspection Fees	100	11,100	7,000	(4,100)	(59)
Miscellaneous Revenue	0	20,923	6,000	(14,923)	(249)
Camper Dump Fees	0	11,487	4,000	(7,487)	(187)
Late Fees	7,586	26,762	15,000	(11,762)	(78)
Line Extension Fees	10,514	165,058	50,000	(115,058)	(230)
Rental Income	3,200	33,300	30,000	(3,300)	(11)
<b>Total Operating Revenue</b>	<b>485,760</b>	<b>5,735,474</b>	<b>5,512,000</b>	<b>(223,474)</b>	<b>(4)</b>
<b>Miscellaneous Revenue</b>					
Interest on Loan Payments	611	16,776	15,000	(1,776)	(12)
Plant Investment Fees	23,168	4,513,243	3,000,000	(1,513,243)	(50)
Inclusion Fees	0	415,479	30,000	(385,479)	(1,285)
Interest on Investments	1,327	19,314	18,000	(1,314)	(7)
Transfer from Reserve	0	0	0	0	0
<b>Total Miscellaneous Revenue</b>	<b>25,106</b>	<b>4,964,812</b>	<b>3,063,000</b>	<b>(1,900,036)</b>	<b>(62)</b>
<b>Total Revenue</b>	<b>510,866</b>	<b>10,700,286</b>	<b>8,575,000</b>	<b>(2,125,286)</b>	<b>(25)</b>

Administration Expense	2016 <u>December</u>	2016 <u>Year to Date</u>	2016 <u>Approved Budget</u>	2016 <u>Available</u>	2016 <u>% Available</u>
<b>Payroll &amp; Employee Benefits</b>					
Salaries	111,485	1,069,234	1,233,000	163,766	13
Overtime	10,159	39,516	45,000	5,484	12
FICA-Admn	6,422	64,823	76,500	11,677	15
Medicare-Admin	1,757	16,007	18,000	1,993	11
401K Contributions	6,355	73,511	92,500	18,989	21
Worker's Compensation Insurance	1,349	15,475	30,000	14,525	48
Health Insurance	20,211	240,615	275,000	34,385	13
<b>Total</b>	<b>157,738</b>	<b>1,519,181</b>	<b>1,770,000</b>	<b>250,819</b>	<b>14</b>
Office Supplies	39	3,853	5,000	1,147	23
Telephone	603	18,468	22,000	3,532	16
Business Expenses	1,359	29,373	45,000	15,627	35
Bank Service Fees - Admin	0	2,744	5,000	2,256	45
Legal Counsel	3,299	17,585	40,000	22,415	56
Education	130	16,358	25,000	8,642	35
Audit & Accounting	0	8,900	9,000	100	1
Legal Publications	25	6,435	7,000	565	8
Board Members	500	6,000	6,000	0	0
Elections	0	167	8,000	7,833	0
Computer Expenses	1,353	33,886	25,000	(8,886)	(36)
Copy Machine & Supply	400	1,212	1,000	(212)	(21)
Postage & Meter Rent	1,064	11,119	13,000	1,881	14
Insurance - General	10,845	129,249	151,000	21,751	14
Insurance - Deductible	0	0	1,000	1,000	100
Engineering	0	28,173	30,000	1,827	6
Tools	14	225	3,500	3,275	94
Radios	0	0	0	0	0
Vehicle Expense	0	0	1,000	1,000	100
Dues & Memberships	0	6,653	7,000	347	5
Safety	3,071	6,955	7,000	45	1
Summit Water Quality	1,500	17,611	15,000	(2,611)	(17)
Building Maintenance	1,181	27,587	20,000	(7,587)	(38)
Employee Housing Maintenance	517	9,435	20,000	10,565	53
Employee Housing Utilities	0	3,543	5,000	1,457	29
<b>Total Administration</b>	<b>183,638</b>	<b>1,904,712</b>	<b>2,241,500</b>	<b>336,788</b>	<b>15</b>
<b>Iowa Hill Plant Expenses</b>					
Utilities					
Gas	0	11,930	15,000	3,070	20
Electric	0	114,588	185,000	70,412	38
Freight	1,470	11,334	10,000	(1,334)	(13)
Equipment Repairs	402	42,104	60,000	17,896	30
Chemicals	10,441	98,523	125,000	26,477	21
Supplies	0	9,061	9,000	(61)	(1)
Contracted Repairs	882	84,462	20,000	(64,462)	(322)
Laboratory Supplies	83	17,800	15,000	(2,800)	(19)
Biomonitoring	0	5,060	10,000	4,940	0
Discharge Permit	0	6,370	8,000	1,630	20
Site Monitoring	448	1,568	0	(1,568)	#DIV/0!
<b>Total Iowa Hill</b>	<b>13,726</b>	<b>402,800</b>	<b>457,000</b>	<b>55,768</b>	<b>12</b>



## December Financial Statement Cont.

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	2016 <u>December</u>	2016 <u>Year to Date</u>	2016 <u>Approved Budget</u>	2016 <u>Available</u>	2016 <u>% Available</u>
<b>Farmers Korner Expenses</b>					
Utilities					
Gas	0	41,920	60,000	18,080	30
Electric	0	301,489	400,000	98,511	25
Freight	680	23,318	35,000	11,682	33
Equipment Repairs	6,496	44,999	60,000	15,001	25
Chemicals	10,493	319,976	350,000	30,024	9
Supplies	674	8,369	10,000	1,631	16
Contracted Repairs	871	35,099	30,000	(5,099)	(17)
Dumpster Charges	1,025	12,300	14,000	1,700	12
Biomonitoring	15	3,068	7,000	3,932	56
Discharge Permit	0	13,374	20,000	6,626	33
Composting	0	105,819	110,000	4,181	4
Site Monitoring	2,316	34,791	30,000	(4,791)	(16)
Sludge Hauling Costs	0	56,025	75,000	18,975	25
State Health Fees	0	57	2,500	2,443	98
<b>Total Farmers Korner</b>	<b>22,570</b>	<b>1,000,604</b>	<b>1,203,500</b>	<b>202,896</b>	<b>17</b>
<b>South Blue Expenses</b>					
Utilities					
Gas	570	3,898	10,000	6,102	61
Electric	0	17,072	22,000	4,928	22
Equipment Repairs	0	3,302	1,500	(1,802)	(120)
Supplies	(378)	4,644	2,000	(2,644)	(132)
Discharge Permit	0	2,315	5,000	2,685	54
Site Monitoring	735	2,877	1,500	(1,377)	(92)
<b>Total South Blue</b>	<b>927</b>	<b>34,108</b>	<b>42,000</b>	<b>7,892</b>	<b>19</b>
<b>Collection Expenses</b>					
Utilities	736	18,941	28,000	9,059	32
Vehicle Expense	27	35,870	35,000	(870)	(2)
Line Cleaner Expenses	0	477	2,000	1,523	76
Manhole Repairs/Line Repairs	1,859	238,196	120,000	(118,196)	(98)
Equipment Repairs	39	6,982	9,000	2,018	22
CCTV Expense	0	1,084	3,500	2,416	69
<b>Total Collection</b>	<b>2,661</b>	<b>301,550</b>	<b>197,500</b>	<b>(104,050)</b>	<b>(53)</b>
<b>Total Operating Expenditures</b>	<b>222,595</b>	<b>3,609,666</b>	<b>4,099,500</b>	<b>491,402</b>	<b>(9)</b>
<b>Net Cash from Operations</b>	<b>263,165</b>	<b>2,125,808</b>	<b>1,412,500</b>	<b>(714,876)</b>	
<b>Replacement Capital</b>					
Administration	0	22,716	30,000	7,284	24
Plant:					
IH	25,269	139,637	305,000	165,363	54
FK	66,565	251,786	478,000	226,214	47
South Blue	0	0	50,000	50,000	100
Collection					
Misc.	0	770,606	1,900,000	1,129,394	59
Vehicle	0	3,866	40,000	36,134	90
<b>Total Replacement Capital</b>	<b>91,834</b>	<b>1,188,611</b>	<b>2,803,000</b>	<b>1,614,389</b>	<b>58</b>
<b>Non Operating Expenses</b>					
Bond Principal	0	93,339	1,033,181	939,842	91
Bond Interest	0	221,040	284,590	63,550	22
<b>Total Non Operating</b>	<b>0</b>	<b>314,379</b>	<b>1,317,771</b>	<b>1,003,392</b>	<b>76</b>



## December Financial Statement Cont.

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	2016 <u>December</u>	2016 <u>Year to Date</u>	2016 <u>Approved Budget</u>	2016 <u>Available</u>	2016 <u>% Available</u>
<b>Capital Outlay</b>					
Plant:					
IH	0	53,110	435,000	381,890	88
FK	109,618	109,618	320,000	210,382	66
South Blue	0	92,132	500,000	407,868	82
Collection	6,000	156,395	874,000	717,605	82
Administration	0	0	0	0	#DIV/0!
<b>Total Capital Outlay</b>	<u>115,618</u>	<u>411,255</u>	<u>2,129,000</u>	<u>1,717,745</u>	<u>81</u>
<b>Total Expenses</b>	<u>430,974</u>	<u>5,558,019</u>	<u>10,349,271</u>	<u>4,791,252</u>	<u>46</u>
<b>Total Revenue - Total Expenses</b>	<u>79,892</u>	<u>5,142,267</u>	<u>(1,774,271)</u>		

Upper Blue Sanitation District  
Comparative Financial Statement-UNAUDITED DRAFT  
December 31, 2016 vs. December 31, 2015

	2016 <u>December</u>	2015 <u>December</u>	2016 <u>Year To Date</u>	2015 <u>Year to Date</u>	Increase <u>(Decrease)</u>
<b>Operating Revenue</b>					
Sewer User Fees	464,360	450,003	5,466,844	5,360,536	106,308
Tap Inspection Fees	100	1,700	11,100	12,000	(900)
Miscellaneous Revenue	0	0	20,923	9,500	11,423
Camper Dump Fees	0	0	11,487	9,598	1,889
Late Fees	7,586	11,806	26,762	31,539	(4,777)
Line Extension Fees	10,514	0	165,058	141,277	23,781
Rental Income	3,200	2,350	33,300	37,720	(4,420)
<b>Total Operating Revenue</b>	<b>485,760</b>	<b>465,859</b>	<b>5,735,474</b>	<b>5,602,170</b>	<b>133,304</b>
<b>Miscellaneous Revenue</b>					
Interest on Loan Payments	611	776	16,776	16,748	28
Plant Investment Fees	23,168	461,043	4,513,243	6,066,142	(1,552,899)
Inclusion Fees	0	(7,912)	415,479	533,541	(118,062)
Interest on Investments	1,327	1,430	19,314	14,114	5,200
Transfer from Reserve	0	0	0	0	0
<b>Total Miscellaneous Reven</b>	<b>25,106</b>	<b>455,337</b>	<b>4,964,812</b>	<b>6,630,545</b>	<b>(1,665,761)</b>
<b>Total Revenue</b>	<b>510,866</b>	<b>921,196</b>	<b>10,700,286</b>	<b>12,232,715</b>	<b>(1,532,429)</b>

## December Comparative Statement Cont.

Pg. 2

Administration Expense	2016 <u>December</u>	2015 <u>December</u>	2016 <u>Year to Date</u>	2015 <u>Year to Date</u>	Increase <u>(Decrease)</u>
<b>Payroll &amp; Employee Benefits</b>					
Salaries	111,485	97,688	1,069,234	1,021,111	48,123
Overtime	10,159	4,524	39,516	39,355	161
FICA-Admn	6,422	5,749	64,823	62,654	2,169
Medicare-Admin	1,757	1,600	16,007	15,450	557
401K Contributions	6,355	6,015	73,511	70,639	2,872
Worker's Compensation Insu	1,349	2,178	15,475	13,717	1,758
Health Insurance	20,211	20,156	240,615	236,056	4,559
<b>Total</b>	<b>157,738</b>	<b>137,910</b>	<b>1,519,181</b>	<b>1,458,982</b>	<b>60,199</b>
Office Supplies	39	885	3,853	3,818	35
Telephone	603	2,075	18,468	17,158	1,310
Business Expenses	1,359	7,154	29,373	35,643	(6,270)
Bank Service Fees - Admin	0	0	2,744	169	2,575
Legal Counsel	3,299	1,140	17,585	31,751	(14,166)
Education	130	477	16,358	20,040	(3,682)
Audit & Accounting	0	0	8,900	8,500	400
Legal Publications	25	0	6,435	2,036	4,399
Board Members	500	500	6,000	5,900	100
Elections	0	0	167	0	167
Computer Expenses	1,353	11,340	33,886	28,736	5,150
Copy Machine & Supply	400	0	1,212	0	1,212
Postage & Meter Rent	1,064	2,534	11,119	14,814	(3,695)
Insurance - General	10,845	11,845	129,249	142,354	(13,105)
Insurance - Deductible	0	0	0	0	0
Engineering	0	6,651	28,173	13,282	14,891
Tools	14	0	225	1,902	(1,677)
Radios	0	0	0	0	0
Vehicle Expense	0	0	0	0	0
Dues & Memberships	0	920	6,653	6,851	-198
Safety	3,071	1,088	6,955	16,207	(9,252)
Summit Water Quality	1,500	0	17,611	15,832	1,779
Building Maintenance	1,181	4,264	27,587	32,408	(4,821)
Employee Housing Maintena	517	636	9,435	13,445	(4,010)
Employee Housing Utilities	0	243	3,543	3,912	(369)
<b>Total Administration</b>	<b>183,638</b>	<b>189,662</b>	<b>1,904,712</b>	<b>1,873,740</b>	<b>16,081</b>
<b>Iowa Hill Plant Expenses</b>					
Utilities					
Gas	0	1,560	11,930	10,989	941
Electric	0	6,332	114,588	36,348	78,240
Freight	1,470	1,736	11,334	3,381	7,953
Equipment Repairs	402	7,074	42,104	14,694	27,410
Chemicals	10,441	18,795	98,523	18,953	79,570
Contracted Repairs	0	19,943	9,061	41,251	(32,190)
Laboratory Supplies	882	604	84,462	14,044	70,418
Biomonitoring	83	0	17,800	0	17,800
Discharge Permit	0	0	5,060	6,171	(1,111)
Supplies	0	1,155	6,370	11,822	(5,452)
Site Monitoring	448	0	1,568	0	1,568
<b>Total Iowa Hill</b>	<b>13,726</b>	<b>57,199</b>	<b>402,800</b>	<b>157,653</b>	<b>249,031</b>



## December Comparative Statement Cont.

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	<u>2016</u> <u>December</u>	<u>2015</u> <u>December</u>	<u>2016</u> <u>Year to Date</u>	<u>2015</u> <u>Year to Date</u>	<u>Increase</u> <u>(Decrease)</u>
<b>Farmers Korner</b>					
Utilities					
Gas	0	6,379	41,920	51,680	(9,760)
Electric	0	33,707	301,489	394,751	(93,262)
Freight	680	4,757	23,318	36,698	(13,380)
Equipment Repairs	6,496	5,547	44,999	22,079	22,920
Chemicals	10,493	29,591	319,976	486,998	(167,022)
Supplies	674	52	8,369	11,899	(3,530)
Contracted Repairs	871	6,458	35,099	40,877	(5,778)
Dumpster Charges	1,025	1,025	12,300	12,300	-
Biomonitoring	15	22	3,068	4,535	(1,467)
Discharge Permit	0	0	13,374	16,662	(3,288)
Composting	0	10,539	105,819	111,365	(5,546)
Site Monitoring	2,316	5,783	34,791	37,607	(2,816)
Sludge Hauling Costs	0	5,850	56,025	60,750	(4,725)
State Health Fees	0	0	57	0	57
<b>Total Farmers Korner</b>	<b>22,570</b>	<b>109,710</b>	<b>1,000,604</b>	<b>1,288,201</b>	<b>(287,597)</b>
<b>South Blue Expenses</b>					
Utilities					
Gas	570	0	3,898	0	3,898
Electric	0	0	17,072	0	17,072
Equipment Repairs	0	0	3,302	0	3,302
Supplies	(378)	0	4,644	0	4,644
Discharge Permit	0	0	2,315	0	2,315
Site Monitoring	735	0	2,877	0	2,877
<b>Total South Blue</b>	<b>927</b>	<b>0</b>	<b>34,108</b>	<b>0</b>	<b>34,108</b>
<b>Collection Expenses</b>					
Utilities	736	2,781	18,941	21,559	(2,618)
Vehicle Expense	27	2,451	35,870	22,809	13,061
Line Cleaner Expenses	0	0	477	3,853	(3,376)
Manhole Repairs/Line Repai	1,859	14,966	238,196	133,106	105,090
Equipment Repairs	39	3,321	6,982	26,686	(19,704)
CCTV Expense	0	0	1,084	380	704
<b>Total Collection</b>	<b>2,661</b>	<b>23,519</b>	<b>301,550</b>	<b>208,393</b>	<b>93,157</b>
<b>Total Operating Expenditur</b>	<b>222,595</b>	<b>380,090</b>	<b>3,609,666</b>	<b>3,527,987</b>	<b>81,679</b>
<b>Net Cash from Operations</b>	<b>263,165</b>	<b>85,769</b>	<b>2,125,808</b>	<b>2,074,183</b>	<b>51,625</b>
<b>Replacement Capital</b>					
Administration	0	0	22,716	33,464	(10,748)
Plant				0	
IH	25,269	0	139,637	166,899	(27,262)
FK	66,565	0	251,786	164,676	87,110
Upper Blue	0	0	0	0	0
Collection					
Misc	0	0	770,606	324,099	446,507
Vehicle	0	0	3,866	32,470	(28,604)
<b>Total Replacement Capital</b>	<b>91,834</b>	<b>0</b>	<b>1,188,611</b>	<b>721,608</b>	<b>467,003</b>
<b>Non Operating Expenses</b>					
CWRPDA Loan Principal	0	0	93,339	964,010	(870,671)
Loan Interest	0	0	221,040	315,967	(94,927)
<b>Total Non Operating</b>	<b>0</b>	<b>0</b>	<b>314,379</b>	<b>1,279,977</b>	<b>(965,598)</b>



## December Comparative Statement Cont.

Pg. 4  
Increase  
(Decrease)

	<u>2016</u> <u>December</u>	<u>2015</u> <u>December</u>	<u>2016</u> <u>Year to Date</u>	<u>2015</u> <u>Year to Date</u>	
<b>Capital Outlay</b>					
Plant-IH-CO	0	0	53,110	5,375	47,735
Plant-FK-CO	109,618	0	109,618	8,337	101,281
Plant-South Blue-CO	0	0	92,132	80,495	11,637
Collection	6,000	0	156,395	532,040	(375,645)
Administration	0	0	0	0	0
<b>Total Capital Outlay</b>	<b>115,618</b>	<b>0</b>	<b>411,255</b>	<b>626,247</b>	<b>(214,992)</b>
<b>Total Expenses</b>	<b>430,974</b>	<b>380,090</b>	<b>5,558,019</b>	<b>6,155,819</b>	<b>(597,800)</b>
<b>Revenue Less Expenses</b>	<b>79,892</b>	<b>541,106</b>	<b>5,142,267</b>	<b>6,076,896</b>	<b>(934,629)</b>

**CAPITAL 2016**

	Current Month	Year To Date	Budget
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**FARMERS KORNER - REPLACEMENT****10-85-8524**

Miscellaneous Equipment Replace/Repair	\$0.00	\$0.00	\$75,000.00
Polymer System	\$0.00	\$3,327.00	
Odor Control Recycle Pump		\$9,117.00	
Telemetry Scada	\$0.00	\$0.00	\$20,000.00
South Plant Blower Soft Starts	\$0.00	\$35,915.00	\$33,000.00
Filter Modification	\$0.00	\$0.00	\$105,000.00
D7 Centrifuge Drives	\$66,564.78	\$118,326.78	\$125,000.00
South Plant Backwash Pumps Rebuild	\$0.00	\$0.00	\$70,000.00
Non-Potable Water Lines in North Plant	\$0.00	\$85,100.00	
<b>TOTAL</b>	<b>\$66,564.78</b>	<b>\$251,785.78</b>	<b>\$428,000.00</b>

**FARMERS KORNER - NEW****10-95-9540**

Miscellaneous Equipment Replace/Repair	\$0.00	\$0.00	\$100,000.00
Telemetry Scada	\$109,618.00	\$109,618.00	\$120,000.00
Odor Control Connection North & South Plants	\$0.00	\$0.00	\$100,000.00
<b>TOTAL</b>	<b>\$109,618.00</b>	<b>\$109,618.00</b>	<b>\$320,000.00</b>

**IOWA HILL - REPLACEMENT****10-85-8522**

Miscellaneous Equipment Replace/Repair	\$0.00	\$0.00	\$250,000.00
Generator	\$0.00	\$57,535.76	
Blower Replacement	\$0.00	\$9,223.00	
Barnstead E-Pure Deionization		\$4,027.95	
BAF Media		\$9,425.20	
Pump		\$2,646.03	
Floor Repair	\$23,002.65	\$34,432.93	\$30,000.00
Turbidity/PH Meter Replacement	\$2,266.00	\$22,345.94	\$25,000.00
<b>TOTAL</b>	<b>\$25,268.65</b>	<b>\$139,636.81</b>	<b>\$305,000.00</b>

**IOWA HILL - NEW****10-95-9510**

Design Nitrogen Removal	\$0.00	\$51,293.14	\$300,000.00
Miscellaneous Equipment Replace/Repair	\$0.00	\$0.00	\$100,000.00
Telemetry Scada	\$0.00	\$1,817.00	\$20,000.00
Composite Samplers	\$0.00	\$0.00	\$15,000.00
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$53,110.14</b>	<b>\$435,000.00</b>

**SOUTH BLUE - REPLACEMENT****10-85-8526**

Miscellaneous Equipment Replace/Repair	\$0.00	\$0.00	\$50,000.00
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$50,000.00</b>

**SOUTH BLUE - NEW****10-95-9590**

Plant Expansion	\$0.00	\$92,132.57	\$500,000.00
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$92,132.57</b>	<b>\$500,000.00</b>

**COLLECTION - REPLACEMENT****10-85-8530**

Manholes/Liftstations	\$0.00	\$77,338.00	\$200,000.00
Miscellaneous Line Extensions	\$0.00	\$0.00	\$100,000.00
Infiltration/Inflow	\$0.00	\$0.00	\$100,000.00
Warriors Mark/South Blue	\$0.00	\$41,143.68	\$250,000.00
Town of Breck Repairs	\$0.00	\$0.00	\$250,000.00
Main Interceptor Cleaning/Inspection	\$0.00	\$652,124.07	\$1,000,000.00
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$770,605.75</b>	<b>\$1,900,000.00</b>

**COLLECTION - NEW****10-95-9520**

Miscellaneous Line Extension	\$0.00	\$0.00	\$850,000.00
Coronet Sub in Blue River	\$0.00	\$121,169.40	
Lincoln Park Heat Trace	\$0.00	\$8,125.28	
Leap Year	\$6,000.00	\$12,000.00	
TV Camera Software/Locator	\$0.00	\$8,700.00	\$12,000.00
4" Push Camera	\$0.00	\$6,400.00	\$12,000.00
<b>TOTAL</b>	<b>\$6,000.00</b>	<b>\$156,394.68</b>	<b>\$874,000.00</b>

**CAPITAL 2016 (Page 2)**

	Current Month	Year To Date	Budget
<b>VEHICLE - RC</b>			
<b>10-85-8550</b>			
Vehicle Replacement	\$0.00	\$0.00	\$40,000.00
Tommy Lift	\$0.00	\$3,866.22	
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$3,866.22</b>	<b>\$40,000.00</b>
<b>ADMINISTRATION - REPLACEMENT</b>			
<b>10-85-8510</b>			
Replace Carpet	\$0.00	\$15,740.95	\$20,000.00
Computers	\$0.00	\$0.00	\$10,000.00
MS Laptop		\$1,045.00	
2 Dell Intel Processors		\$3,690.54	
Dell Intel Processor w/ curved monitor		\$2,239.56	
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$22,716.05</b>	<b>\$30,000.00</b>
<b>ADMINISTRATION - NEW</b>			
<b>10-95-9580</b>			
	\$0.00	\$0.00	\$0.00
<b>TOTAL</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>GRAND TOTALS</b>	<b>\$207,451.43</b>	<b>\$1,599,866.00</b>	<b>\$4,882,000.00</b>

## **MANAGER REPORT**

**January 2017**

- 1) Blue River Extension. We are in the final phase of the design and we should be out to bid in January. Because of the narrow width of a portion of the CDOT right of way we have included a bid option to allow directional boring.
- 2) South Blue Expansion. This project is also in the final phase and should be out to bid.
- 3) Nutrient Regulations. As the Board is aware I have following the Health departments continuing discussions on the implementation of the Regulations concerning Phosphorus and Nitrogen. It appears that they are leaning to delay the implementation until 2027. It sounds good, but in addition they are now considering to lower the concentrations that would be allowed to be discharged. If lowered there would be no doubt about the impacts on the District. There is another workshop scheduled for mid-January.



DATE: January 5, 2017

TO: Andrew Carlberg, District Manager

FROM: Earl Picard, Chief Plant Operator

SUBJECT: Treatment plant operations for December, 2016.

1. Total influent flow for the Upper Blue Treatment Facilities was 52.2 million gallons for the month of December. The flow for the previous December was 54.2 million gallons. This is a 2.0 million gallon decrease (3.7%).
2. Solids loading at Farmer's Korner was 59,638 lbs. Solids loading at Iowa Hill was 44,909 lbs. Total solids loading at both facilities was 104,547 lbs. This was an increase of 36,468 lbs. from the previous December, which was 68,079 lbs.
3. We are discharging high quality effluent that meets all discharge permit requirements. The phosphorus discharge concentration for December at Farmers Korner was 0.013 mg/l (ppm) and 0.011 mg/l (ppm) at Iowa Hill.

4. Below are holiday flows

<u>Date</u>	<u>2015</u>	<u>2016</u>
19-Dec	1.893	2.264
20-Dec	2.054	2.341
21-Dec	2.238	2.335
22-Dec	2.212	2.409
23-Dec	2.133	2.315
24-Dec	2.122	2.453
25-Dec	2.08	2.318
26-Dec	2.191	2.557
27-Dec	2.283	2.711
28-Dec	2.44	2.853
29-Dec	2.467	2.965
30-Dec	2.648	2.986
31-Dec	2.897	3.077
1-Jan	2.664	2.766
2-Jan	2.444	2.638

Earl

cc: file

### PLANT STATISTICS - FARMERS KORNER

MONTH	FLOW (MG)			EFF PHOS (LBS)			INF SS (LBS)			SLUDGE (TONS)		
	2014	2015	2016	2014	2015	2016	2014	2015	2016	2014	2015	2016
JAN	54.9	54.7	57.4	3.2	4.3	5.3	74790	77471	63185	59.9	68.6	61.8
FEB	50.0	52.3	55.0	6.7	3.2	8.4	79210	84259	87505	61.0	65.6	65.4
MAR	60.4	63.7	60.2	10.6	6.5	12.0	86743	112427	81505	69.0	88.6	97.4
APR	64.2	53.3	53.0	6.4	3.4	3.9	82592	99843	53806	21.1	89.6	46.3
MAY	80.3	59.1	56.7	5.0	2.7	4.9	94940	104569	63751	52.7	22.6	48.0
JUN	61.0	59.6	34.1	3.4	4.2	1.9	75395	93574	44566	58.0	59.2	42.7
JUL	52.9	54.9	40.6	7.8	2.8	3.9	54666	76291	45027	57.7	71.6	53.7
AUG	50.0	48.0	32.8	5.8	4.0	3.8	93034	53667	42272	38.3	34.4	70.7
SEP	38.7	37.0	25.7	3.4	2.0	1.7	41996	34245	25297	41.0	50.4	32.3
OCT	38.4	34.9	21.4	4.6	2.2	1.6	61870	46605	25529	57.0	41.8	29.3
NOV	38.7	37.7	24.3	4.0	3.0	2.2	55194	82810	59910	25.3	38.2	26.6
DEC	47.8	54.2	38.1	6.8	5.0	3.0	62375	68079	59638	65.5	67.3	51.9
TOTAL	637.3	609.4	499.4	67.7	43.2	52.4	862805	933840	651991	606.4	697.7	625.9

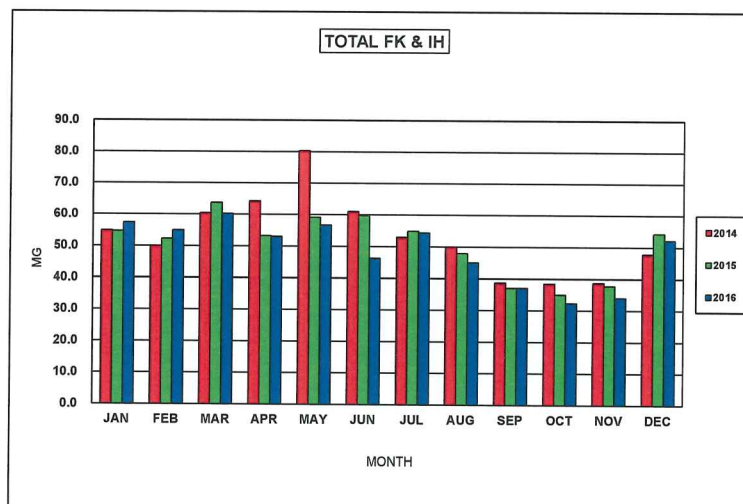
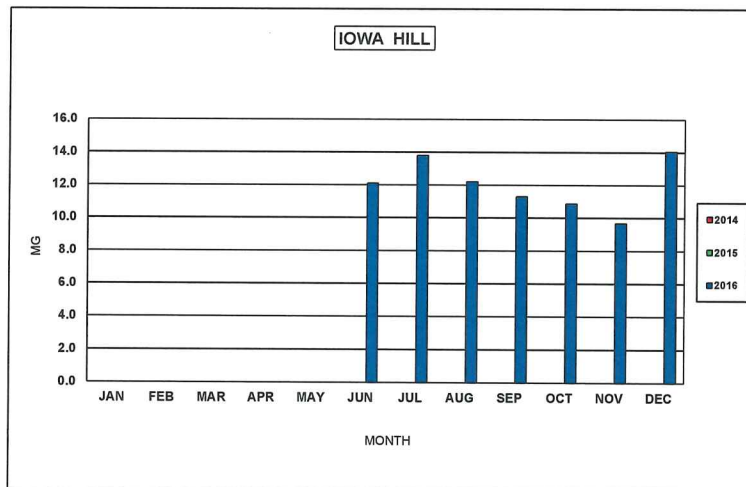
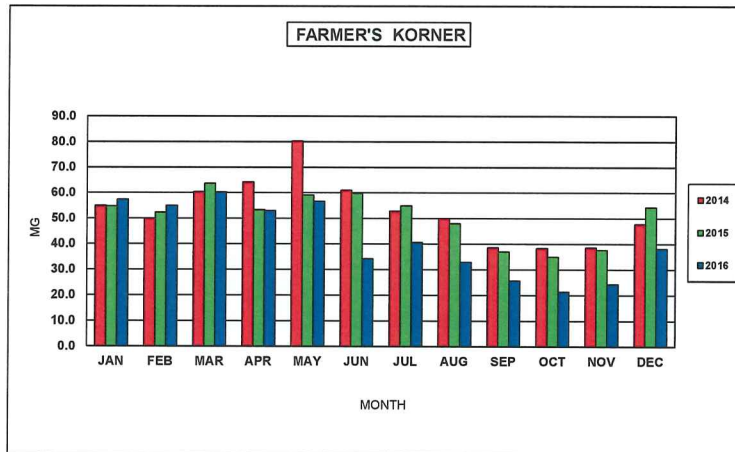
### PLANT STATISTICS - IOWA HILL

MONTH	EFF FLOW (MG)			EFF PHOS (LBS)			INF SS (LBS)		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
JAN	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
FEB	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
MAR	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
APR	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
MAY	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
JUN	0.0	0.0	12.1	0.0	0.0	1.7	0	0	37521
JUL	0.0	0.0	13.8	0.0	0.0	2.5	0	0	38722
AUG	0.0	0.0	12.2	0.0	0.0	3.2	0	0	29745
SEP	0.0	0.0	11.3	0.0	0.0	1.5	0	0	34198
OCT	0.0	0.0	10.9	0.0	0.0	1.5	0	0	24497
NOV	0.0	0.0	9.7	0.0	0.0	1.0	0	0	32047
DEC	0.0	0.0	14.1	0.0	0.0	1.3	0	0	44909
TOTAL	0.0	0.0	83.9	0.0	0.0	12.7	0	0	241639

### PLANT STATISTICS - TOTAL

MONTH	FLOW (MG)			EFF PHOS (LBS)			INF SS (LBS)			SLUDGE (TONS)		
	2014	2015	2016	2014	2015	2016	2014	2015	2016	2014	2015	2016
JAN	54.9	54.7	57.4	3.2	4.3	5.3	74790	77471	63185	59.9	68.6	61.8
FEB	50.0	52.3	55.0	6.7	3.2	8.4	79210	84259	87505	61.0	65.6	65.4
MAR	60.4	63.7	60.2	10.6	6.5	12.0	86743	112427	81505	69.0	88.6	97.4
APR	64.2	53.3	53.0	6.4	3.4	3.9	82592	99843	53806	21.1	89.6	46.3
MAY	80.3	59.1	56.7	5.0	2.7	4.9	94940	104569	63751	52.7	22.6	48.0
JUN	61.0	59.6	46.2	3.4	4.2	3.6	75395	93574	82087	58.0	59.2	42.7
JUL	52.9	54.9	54.4	7.8	2.8	6.4	54666	76291	83749	57.7	71.6	53.7
AUG	50.0	48.0	45.0	5.8	4.0	7.0	93034	53667	72017	38.3	34.4	70.7
SEP	38.7	37.0	37.0	3.4	2.0	3.2	41996	34245	59495	41.0	50.4	32.3
OCT	38.4	34.9	32.2	4.6	2.2	3.1	61870	46605	50026	57.0	41.8	29.3
NOV	38.7	37.7	34.0	4.0	3.0	3.1	55194	82810	91957	25.3	38.2	26.6
DEC	47.8	54.2	52.2	6.8	5.0	4.3	62375	68079	104547	65.5	67.3	51.9
TOTAL	637.3	609.4	583.4	67.7	43.2	65.1	862805	933840	893630	606.4	697.7	625.9

# FACILITY FLOW



To: Andrew Carlberg – District Manager  
From: Wally Esquibel – Collection Systems Foreman  
Subject: Collection System Report for December 2016  
Date: January 5, 2017

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1. No backups reported for the month of December.
2. All projects are completed.
3. Continue to monitor all Lift Stations
4. Starting to outline summer projects for 2017
5. Fleet maintenance, Service line inspection and Locates are all up-to-date.