Poughkeepsies' Joint Water Board

November 12, 2013
4:30 PM

Poughkeepsies' Water Treatment Facility

Agenda

1. **Approval of October 1, 2013 Minutes**

2. **Public Participation**

3. **Plant Status Report**

4. **Update on Operating Budget**

5. **Upgrade Status**

6. **IBM Negotiations**

7. **Old Business**
   Letter to Fishkill Supervisor

8. **New Business**

Next meeting: November 12, 2013: 4:30 PM
Poughkeepsies' Water Treatment Facility

Poughkeepsies' Joint Water Board

October 1, 2013
Minutes

Board Members	**Others**
Mark Newton	Randy Alstadt, Administrator
Paul Herman	Milo Bunyi, City Administrator
Sean Eagleton	Scott Volkman, SRDD
Rich DuPilka	Keith Ballard, Town Water
John Tkazyik	Doreen Tignanelli, Customer
Todd Tancredi	Mark Grady, EJ Prescott, Inc.

1. **Approval of September 3, 2013 Minutes**

   Minutes were approved.

2. **Public Participation**

   Doreen Tignanelli questioned if Dutchess County paid their share of urea study costs. She also asked if late fees are being paid and what Board is doing to prevent late fees.

3. **Plant Status Report**

   Randy Alstadt reviewed his written report. Paul Herman questioned the impact of high rainfall. Randy stated that overall quality has not been affected, however, increase in river turbidity has resulted in increase in sludge.

4. **Update on Operating Budget Status**

   Randy Alstadt provided Board 2013 operating budget status. Randy stated that overall we have expended 63% compared to 75% of year expended. Randy projected that we will not exceed budget.

5. **Upgrade Status**

   Russell Ford stated that his firm has been working with our staff. Schedule is currently 1 month behind due to startup delays. Russell recommended that centrifuge project and ozone project be bid together. He stated this would avoid having up to 8 contractors on site and by combining project total bid will be more competitive.

   Randy Alstadt added that the contract will include a schedule for completing the centrifuge work earlier in construction.

   Milo Bunyi asked if start will be same for all work. Randy stated that is correct. Milo questioned if there would be savings in bid process by combining work.

Russell Ford stated that potential savings is minimal. Sean Eagleton asked if ozone would be started early and questioned what happens if EPA doesn't approve. Randy stated if EPA does not approve we will have to bid separately. Mayor Tkazyik stated he agrees with combining projects.

6. Old Business

IBM Negotiations – Randy Alstadt stated that Don Beer, Scott Volkman and he had met with County. Randy stated County is in process of drafting response to IBM. County major concern is that changed contract does not harm their current position. Mark Newton questioned if negotiating team needs input from Board. Scott Volkman stated that we need to identify what County position is before we can move forward. Mayor Tkazyik expressed concern that deal needs to be completed before year end. He recommended a Special Board meeting might be necessary.

Mark Newton stated that given IBM is requiring Water Board to take on more risk Water Board should determine value of risk and add cost to water rate. Mayor Tkazyik stated he is not sure about raising rate although he appreciates the point made. Randy stated he would coordinate meeting with County for next week. Mark Newton requested he be advised of time and that he will attend if he can.

7. New Business

Mayor Tkazyik distributed a letter from John Hickman, Supervisor Town of east Fishkill. Letter expressed concern that IBM will be leaving the area and that no one is in charge of resolving water quality issues. Todd Tancredi stated letter indicates Water Board has done something wrong. Scott Volkman stated that letter warrants response from Water Board. Randy Alstadt proposed to draft response and circulate it to Board for comments.

Board set next meeting date to be held November 12, 2013 at 4:30 PM.

Poughkeepsies' Water Treatment Facility

MEMORANDUM

November 8, 2013

To: Joint Water Board

From: Randy J. Alstadt, P.E.
Water Plant Administrator

Subject: **October 2013 Status Report**

Water Quality/Production Issues

Process data for September 2013 and October 2013 are presented in the following tables. Average Daily Flow was down 0.3 MGD (3.3 percent) in October 2013 compared to September 2013. Quality was excellent. Plant effluent turbidity averaged 0.05 NTU while influent turbidity averaged 45 NTU (99.8% reduction).

Treatment Process Comparison September 2013 vs. October 2013

Parameter	September-13			October-13		
	Average	Maximum	Minimum	Average	Maximum	Minimum
Raw Flow, MGD	9.06	14.02	5.08	8.76	14.02	5.08
Raw Turbidity, NTU	38	119	11	45	181	11
Effluent Turbidity, NTU	0.04	0.07	0.03	0.05	0.09	0.03

Sludge Process Comparison September 2013 vs. October 2013

Parameter	September-13	October-13	Change	
			Quantity	Percent
Residual Solids, gallons	736,998	1,098,491	361,493	49%
Backwash, gallons	659,000	1,020,000	361,000	55%
Thickener, gallons	284,571	277,737	(6,834)	-2%
Plate Settler, gallons	11,535	16,871	5,336	46%
Centrifuge #1 gallons	134,754	131,970	(2,784)	-2%
Centrifuge #2 gallons	79,723	147,461	67,738	85%
Centrifuge Total	214,477	279,431	64,954	30%
Centrifuge #1 gpm	4.9	5.4	0.5	11%
Centrifuge #2 gpm	4.9	5.4	0.5	10%
Solids Hauled, tons	339.23	308.36	(31)	-9%

Plant Update

Plant operated well.

As of October 31st the solids thickener solids level was at 5.0 feet, 4.0 feet less than September 30th.less than September 30, 2013. We continue to closely monitor levels and encourage overtime when level exceeds 10 feet.

Relocated compressor from Sludge Plant to Low Lift Pumping Station. Compressor will be used to assist locating intakes during inspections.

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e-mail: ralstadt@pokwater.com

Muffin Monster to number 1 centrifuge broke down requiring repairs. Parts have been ordered.

Sludge Plant Equalization Tank Pump failed. Pump parts are on order.

Roof Top Unit #1 was replaced. Unit will be started up in early November (two of three units that were installed in upgrade have now been replaced).

Plant Upgrade

We are continue conducting biweekly conference calls to discuss project.

A 30% design review meeting is scheduled for November 13th.

EPA Consent Order

The first quarterly report was submitted. Report requested approval to combine projects and identified milestones that have not been met. EPA representative stated as long as completion date is maintained there will be no problem making changes. To make these changes a new schedule needs to be submitted with new milestones after which EPA will issue a replacement Consent Order.

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Poughkeepsies' Water Treatment Facility Operating Budget Status

November 6, 2013

85% Time Expended

Account Number	Description	Amended Budget	Encumbrances	Expenses	Remaining Balance	Percent Dedicated	Percent Expended	Remaining Expenses	Anticipated Expenses	Projected Balance
				90-19-8310						
7102	Salaries-Management	111,001.00	0	91,362	19,639	82%	82%	19,639	111,001	0
7202	Computer Equipment	660.04	0	660	0	100%	100%	0	660	0
7401	Office-General	4,000.00	0	830	3,170	21%	21%	200	1,030	2,970
7405	Office-Printing	3,296.00	0	3,096	200	94%	94%	0	3,096	200
7406	Office-Postage	1,750.00	0	1,525	225	87%	87%	225	1,750	0
7407	Office-Fees/Permits	3,309.00	0	2,231	1,078	67%	67%	0	2,231	1,078
7408	Office-Telephones	6,840.00	969	5,634	1,206	97%	82%	2,800	8,434	(1,594)
7410	Employees-Travel	855.00	0	398	457	47%	47%	0	398	457
7411	Employees-Training/Devel.	300.00	0	571	(271)	190%	190%	0	571	(271)
7435	Rent/Lease-Equipment	1,560.00	2,231	912	648	202%	58%	250	1,162	398
7460	Contracted Services-Legal	9,000.00	665	11,388	(2,388)	134%	127%	**6,000**	17,388	(8,388)
7461	Contract Ser-Engineering	88,866.00	36,951	58,287	30,579	107%	66%	**40,000**	98,287	(9,421)
7463	Contract Ser-Accounting	7,500.00	1,450	6,200	1,300	102%	83%	3,050	9,250	(1,750)
7803	Social Security Tax	6,882.00	0	5,840	1,042	85%	85%	1,042	6,882	0
7803.M	Medicare Tax	1,610.00	0	1,366	244	85%	85%	244	1,610	0
7805	Life Insurance	1.00	0	0	0	22%	22%	1	1	0
TOTAL		**247,430.04**	**42,266.84**	**190,302**	**57,127.59**	**94%**	**77%**	**73,450.31**	**263,752.20**	**(16,322.16)**
				90-19-8320						
7107	Sal-UFOPJtWat	374,756.00	0	283,237	91,519	76%	76%	65,000	348,237	26,519
7117	Overtime-UFOP	16,423.00	0	20,760	(4,337)	126%	126%	2,000	22,760	(6,337)
7140	Allowances-Meals	400.00	0	168	232	42%	42%	232	400	0
7166	Reimburse-Health Ins.	4,000.00	0	0	4,000	0%	0%	4,000	4,000	0
7177	AccumPay - Compensatory	0.00	0	2,084	(2,084)			0	2,084	(2,084)
7178	Accumulated Pay-Sick	0.00	0	10,371	(10,371)			0	10,371	(10,371)
7179	Accumulated Pay-Vacation	0.00	0	6,875	(6,875)			0	6,875	(6,875)
7215	Water Equipment	17,000.00	14,000	2,708	14,292	98%	16%	14,000	16,708	292
7217	Building Equipment	30,000.00	783	10,380	19,620	37%	35%	783	11,163	18,837
7410	Employees-Travel	100.00	0	126	(26)	126%	126%	0	126	(26)
7411	Employees-Training/Devel.	4,600.00	4,500	305	4,295	104%	7%	4,295	4,600	0
7412	Employees-Wearing Apparel	2,700.00	0	1,792	908	66%	66%	908	2,700	0
7420	Mat & Supplies-Buildings	10,000.00	0	2,564	7,436	26%	26%	2,000	4,564	5,436
7423	Mat & Supplies-General	40,000.00	0	19,035	20,965	48%	48%	5,000	24,035	15,965
7424	Mat & Supplies-Vehicles	2,000.00	0	837	1,163	42%	42%	1,163	2,000	0
7426	Mat & Supplies-Water	0.00	0	13	(13)			0	13	(13)
7434	Rent/Lease-Uniforms	8,300.00	3,796	4,305	3,996	98%	52%	1,608	5,913	2,388
7435	Rent/Lease-Equipment	3,000.00	0	2,079	921	69%	69%	921	3,000	0
7440	Repair/Maint-Buildings	32,000.00	1,590	6,030	25,970	24%	19%	25,970	32,000	0
7443	Repair/Maint-Equipment	91,000.00	18,394	57,673	33,327	84%	63%	33,326	90,999	1
7444	Repair/Maint-Vehicles	10,000.00	5,900	5,771	4,229	117%	58%	4,229	10,000	0

Poughkeepsies' Water Treatment Facility Operating Budget Status

November 6, 2013

85% Time Expended

Account Number	Description	Amended Budget	Encumbrances	Expenses	Remaining Balance	Percent Dedicated	Percent Expended	Remaining Expenses	Anticipated Expenses	Projected Balance
7446	Repair/Maint-WaterSystems	71,000.00	3,503	41,245	29,755	63%	58%	13,503	58,250	12,750
7448	Repair/Maint-Gasoline	10,000.00	0	3,843	6,157	38%	38%	6,157	10,000	0
7449	Rpr/Maint-ServiceContract	54,756.00	10,729	37,985	16,771	89%	69%	16,771	54,756	0
7468	Contract Ser-Refuse Disp.	5,200.00	1,168	3,332	1,868	87%	64%	1,868	5,200	0
7469	Contract Ser-Other	28,000.00	395	18,987	9,013	69%	68%	9,013	28,000	0
7470	Utilities-Electric-Power	574,339.96	177,821	396,519	177,821	100%	69%	230,000	626,519	(52,179)
7477	Utilities-Fuel Oil/Gas	50,000.00	5,071	14,096	35,904	38%	28%	35,904	50,000	0
7479	Refuse Disposal	500.00	0	0	500	0%	0%	500	500	0
7801	State Retirement	0.00	0	0	0			0	0	0
7803	Social Security Tax	24,526.00	0	17,791	6,735	73%	73%	6,735	24,526	0
7803.M	Medicare Tax	5,736.00	0	4,161	1,575	73%	73%	1,575	5,736	0
7805	Life Insurance	0.00	0	0	0			0	0	0
7807	Disability Insurance	0.00	0	0	0			0	0	0
7808	Health Insurance	0.00	0	0	0			0	0	0
TOTAL		**1,470,336.96**	**247,649.56**	**975,070.46**	**495,266.50**	**83%**	**66%**	**487,462.17**	**1,466,035.13**	**4,301.83**
				90-19-8330						
7107	Sal-UFOPJtWat	463,247.00	0	353,162	110,085	76%	76%	75,000	428,162	35,085
7117	Overtime-UFOP	100,000.00	0	107,859	(7,859)	108%	108%	20,000	127,859	(27,859)
7140	Allowances-Meals	1,152.00	0	576	576	50%	50%	200	776	376
7166	Reimburse-Health Ins.	4,000.00	0	0	4,000	0%	0%	4,000	4,000	0
7177	AccumPay - Compensatory	0.00	0	430	(430)			0	430	(430)
7178	Accumulated Pay-Sick	0.00	0	1,975	(1,975)			0	1,975	(1,975)
7179	Accumulated Pay-Vacation	0.00	0	6,661	(6,661)			0	6,661	(6,661)
7215	Water Equipment	25,900.00	0	0	25,900	0%	0%	10,000	10,000	15,900
7410	Employees-Travel	425.00	0	234	191	55%	55%	0	234	191
7411	Employees-Training/Devel.	1,500.00	0	1,023	477	68%	68%	477	1,500	0
7412	Employees-Wearing Apparel	1,800.00	0	0	1,800	0%	0%	0	0	1,800
7426	Mat & Supplies-Water	14,542.00	0	3,458	11,084	24%	24%	**11,000**	14,458	84
7428	Mat & Supplies-Chemicals	420,000.00	195,943	312,058	107,942	121%	74%	92,942	420,000	0
7443	Repair/Maint-Equipment	30,000.00	24,957	5,279	24,721	101%	18%	18,000	23,279	6,721
7449	Rpr/Maint-ServiceContract	2,340.00	0	800	1,540	34%	34%	500	1,300	1,040
7469	Contract Ser-Other	46,100.00	0	4,619	41,481	10%	10%	30,000	34,619	11,481
7478	Sludge Disposal	75,000.00	10,749	65,096	9,904	101%	87%	12,000	77,096	(2,096)
7482	Lab Analsis & Chemicals	10,000.00	0	7,881	2,119	79%	79%	2,119	10,000	0
7803	Social Security Tax	35,300.00	0	30,334	4,966	86%	86%	4,966	35,300	0
7803.M	Medicare Tax	8,300.00	0	7,094	1,206	85%	85%	1,206	8,300	0
7805	Life Insurance	0.00	0	0	0			0	0	0
7807	Disability Insurance	0.00	0	0	0			0	0	0
7808	Health Insurance	0.00	0	0	0			0	0	0
TOTAL		**1,239,606.00**	**231,648.82**	**908,539.85**	**331,066.15**	**92%**	**73%**	**282,409.91**	**1,205,949.76**	**33,656.24**
GRAND TOTAL		**2,957,373.00**	**521,565.22**	**2,073,912.20**	**883,460.24**	**88%**	**70%**	**843,322.39**	**2,935,737.09**	**21,635.91**

rja