

Hill Sparrow O&M Budget
 Budget is for one 12-month period or Fiscal Year
 All line items may not be applicable
 Items not listed may be added and are subject to review

Line Item Description	Pre-Existing Annual Costs Prior to WWTP Upgrade 2008	TOTAL Proposed Budget 2009	Hill Sparrow Budget 2009	NYC Budget 2009	Hill Sparrow %	NYC %	Payment Description as per O & M Agreement
This column is for reference only and in the event of any conflict with the O & M Agreement, the Agreement shall control.							
Utilities							
Electric	\$27,910.00	\$79,503.00	\$28,740.00	\$50,763.00	36%	64%	
700 gal Fuel /Heating Oil/ 500 gal Propane ² / Natural Gas	\$0.00	\$5,750.00	\$2,300.00	\$3,450.00	40%	60%	
Water	\$0.00	\$5,000.00	\$1,000.00	\$4,000.00	20%	80%	
Telephone (Incremental/Itemized SCADA)	\$840.00	\$3,360.00	\$840.00	\$2,520.00	25%	75%	
Radio Transmitter (Itemizeable)	\$0.00	\$1,200.00	\$0.00	\$1,200.00	0%	100%	
Security (Incremental)	\$1,324.00	\$1,500.00	\$1,324.00	\$176.00	88%	12%	
Utilities Subtotal		\$90,253.00	\$32,040.00	\$58,213.00	36%	64%	
Chemicals							
1 PACL 2000 (proportional)	\$10,041.00	\$13,000.00	\$10,041.00	\$2,959.00	77%	23%	
2 Sodium Hypochlorite (Itemizeable)	\$0.00	\$500.00	\$0.00	\$500.00	0%	100%	
3 Citric Acid (Itemizeable)	\$0.00	\$500.00	\$0.00	\$500.00	0%	100%	
4 Sodium MetaBisulfite (Itemizeable)	\$0.00	\$500.00	\$0.00	\$500.00	0%	100%	
Chemicals Subtotal		\$14,500.00	\$10,041.00	\$4,459.00	69%	31%	
Personnel							
O&M Operator Contract ³ (proportional)	\$28,634.00	\$49,920.00	\$28,634.00	\$21,286.00	57%	43%	
O&M Engineering Services (Itemizeable)	\$5,000.00	\$10,000.00	\$5,000.00	\$5,000.00	50%	50%	
Personnel Subtotal		\$59,920.00	\$33,634.00	\$26,286.00	56%	44%	
Administration							
O&M Legal (Itemizeable)	\$1,000.00	\$2,500.00	\$1,000.00	\$1,500.00	40%	60%	
Clerical ⁴ (PROPORTIONAL)	\$13,524.00	\$18,000.00	\$13,524.00	\$4,476.00	75%	25%	
Insurance ⁵	\$15,524.00	\$18,000.00	\$15,524.00	\$2,476.00	86%	14%	
1 ex. Pollution Insurance							
2. ex. Directors and Officers							
3. ex. Umbrella							
4. ex. Liability							
Taxes ⁵ (Incremental)	\$1,264.21	\$2,500.00	\$1,264.21	\$1,235.79	51%	49%	
Administration Subtotal		\$41,000.00	\$31,312.21	\$9,687.79	76%	24%	

O&M

Preventative Maintenance Contracts (please list individually)

1	ex: Generator & ATS_Cummins ⁷	\$150.00	\$2,000.00	\$150.00	\$1,850.00	8%	93%
2	ex: Microfiltration_Siemens ⁸	\$0.00	\$16,890.00	\$0.00	\$16,890.00	0%	100%
3	ex: Sand Filter_Siemens ⁹	\$0.00	\$3,150.00	\$0.00	\$3,150.00	0%	100%
4	ex: Instrumentation PM Contract ¹⁰	\$0.00	\$5,000.00	\$0.00	\$5,000.00	0%	100%
5	ex: SCADA PM Contract ¹¹	\$0.00	\$1,500.00	\$0.00	\$1,500.00	0%	100%
6	ex: Turbidity PM Contract ¹¹	\$0.00	\$1,500.00	\$0.00	\$1,500.00	0%	100%
7	ex: Boiler PM Contract ¹¹	\$0.00	\$1,500.00	\$0.00	\$1,500.00	0%	100%
8	ex: Air Compressor PM Contract ¹¹	\$0.00	\$1,500.00	\$0.00	\$1,500.00	0%	100%
	Building Maintenance & Supplies	\$250.00	\$500.00	\$250.00	\$250.00	50%	50%
	Plant Equipment	\$10,000.00	\$15,000.00	\$10,000.00	\$5,000.00	67%	33%
	Spare Parts/Repairs	\$10,000.00	\$15,000.00	\$10,000.00	\$5,000.00	67%	33%
	Lawn Maintenance/Snow Plowing	\$1,837.00	\$2,200.00	\$1,837.00	\$363.00	84%	17%
	Sludge Hauling/Handling	\$37,187.00	\$45,000.00	\$37,187.00	\$7,813.00	83%	17%
	Lab/Office Supplies	\$500.00	\$1,000.00	\$500.00	\$500.00	50%	50%
	Outside Lab Testing	\$6,704.00	\$10,000.00	\$6,704.00	\$3,296.00	67%	33%
	Permits	\$831.00	\$831.00	\$831.00	\$0.00	100%	0%
	O&M Subtotal		\$121,740.00	\$66,628.00	\$55,112.00	55%	45%
	O&M Budget Subtotal	\$172,520.21	\$327,413.00	\$173,655.21	\$153,757.79	53%	47%
	Contingency (10%) of O&M Budget Subtotal		\$32,741.30		\$32,741.30	0%	100%
	TOTAL PROPOSED O&M BUDGET		\$360,154.30	\$173,655.21	\$186,499.09		

- 1 Fuel Oil for generator based on filling 1x/year @ \$2.50/gal, Incremental
- 2 Propane Tank for Building Heat based on Filling 4x/year @ \$2.00/gal, Incremental
- 3 Operations Contract submitted by Environmental Consultants, Incremental
- 4 Clerical Costs include those paid by the HOA to Kalonah Management Corp., Proportional
- 5 Insurance costs recently paid by Owner, any increase for new Equipment to be paid by NYCDEP
- 6 2009 Assessed Value of \$67,800, any increase other than normal T/Kent increase will be funded by NYCDEP based upon annual costs
- 7 PM Contract quote from Cummins, Actual Costs will be itemized
- 8 Quote from Siemens MEMCOR, Actual Costs will be itemized
- 9 Quote from Siemens ZIMPRO, Actual Costs will be itemized
- 10 Estimated Annual Calibration Costs, Actual costs will be itemized
- 11 Estimated Annual Costs, Actual costs will be itemized