

Castle Valley Consultant
 10 Beulah road
 New Britain, PA 18901
 215-348-8257

Project: Chippewa Farms
 By: GJW Date: 01/09/12
 Rev: _____ Date: _____

Lagoon / Spray 6.5 Edu's

Plant Operations

Manpower

Hours per week 1 hr/week 52 hr \$35.00 per hr \$ 1,820

Electric

Assume Electric \$ 0.13 kwh

Treatment

Aerator Heater - Electr 1.1 KWh 2,525 KWh/year \$ 0.13 KWh \$ 328.19
 Aerators - Electric 17.88 KWh/day 6,526 KWh/year \$ 0.13 KWh \$ 848.41

Spray Pumps

Electric 0.03 KWh/day 11 KWh/year \$ 0.13 KWh \$ 1.47

Disinfection

Sodium Hypochlorite 0.27 gpd 99 gpy \$ 0.73 gallons \$ 71.94
 Electric 0.005 KWh/day 2 KWh/year \$ 0.13 KWh \$ 0.25

HVAC

Electric Heat 1.5 KWh 2,525 KWh/year \$ 0.13 KWh \$ 328.19
 Fans 0.19 KWh 2,525 KWh/year \$ 0.13 KWh \$ 328.19

Lighting and Miscellaneous Elect

Electric 2 KWh/day 730 KWh/year \$ 0.13 KWh \$ 95
Subtotal \$ 2,002

Supplies

Supplies 1 month \$ 50.00 per month \$ 600
Subtotal \$ 600

Other Services

Laboratory Services 1 month \$ 50.00 per month \$ 600
 Lawn Care 1 week \$ 15.00 per week \$ 360
Subtotal \$ 960

Repairs and Maintenance Services

Electric Services 1 LS \$ 250.00 Lump Sum \$ 250
 Mechanical Services 1 LS \$ 250.00 Lump Sum \$ 250
Subtotal \$ 500

Administrative Costs

Annual Maintenance Report 1 year \$ 150.00 per year \$ 150
 Insurances 1 LS \$ 1,500.00 Lump Sum \$ 1,500
 Billing and Office Overhead 1 month \$ 50.00 per month \$ 600
Subtotal \$ 2,100

Total \$ 7,982 year

Exhibit "B"