

APPENDIX A

QUANTITIES OF FRESH WATER OBTAINED AND WASTE WATER DISCHARGED

Eureka 2007

Fresh Water:

Fresh Water Lagoon

1. Pump capacity: Tsurmi Pump Model LB2-400 with a 20 ft head = 19.5 gal/min
2. Pump time*: 17 days x 24 hours x 60 min x 19.5 gal/min = ~477,360 gal or ~2170.122 m³

* Water pumping intermittent between June 25 and July 13, 2007.

Intake hose screen has ¼ inch diameter holes.

Pumping took place after initial rush of stream had taken place and the amount of silt/mud had diminished.

Actual consumption from water meter in Powerhouse = 475,244 gal or 2160.5 m³

Waste Water:

Sewage Lagoon:

1. Pump capacity: Monarch Pump Model TT30 Type E - 280 gal/minute
2. Pump Time*: 20 hours x 60 min x 280 gal/min = ~336,000 gal or ~1527.487 m³

* Discharge commenced and ended on July 04, 2007.