

### **Castle Danger Brewery: Lessons Learned for Others**

Donovan Hannu, PE

### **INTRODUCTION**

### A Transformation





3 Barrel System 2 "Employees" Castle Danger Resort 15,000 Barrels/Yr 65 Employees #8 Brewery in MN





- Vacant Lot in Downtown Two Harbors
- Former YMCA Building Innocuous
- Self-Financed with NO DUE DILIGENCE

#### LESSON #1 BEER MAKERS MAY NOT BE SAVVY DEVELOPERS



### THE CONTAMINATION

- Financing Required Due Diligence
- Asbestos from YMCA Building Debris
- Metals from Imported Fill Material
- Fall Construction for Spring Opening

#### LESSON #2 ENVIRONMENTAL ISSUES NOT ALWAYS OBVIOUS



### **INITIAL CONSTRUCTION**

- Excavator for building footprint was already hired
- Asbestos & Metals = HAZWOPER & Asbestos Certifications
- City Contractor on Project Across the Street
- Phase II to 300 yards of Material Gone THREE WEEKS!

### LESSON #3 TEAMWORK!



### **INITIAL RESULTS**

- 30-Barrel System making 5,000 Barrels/Year
- 20 Employees
- DEMAND GREATLY EXCEEDED SUPPLY!

## LESSON #4

## PLANNING FOR FUTURE SUCCESS!



### **EXPANSION – ADJACENT PROPERTY**

- Appropriate Due Diligence & Liability Letters
- Similar Results and Cleanup Needed
- DEED CLEANUP FUNDING of \$100K!

### LESSON #5 DEED MONEY BUYS HAPPINESS



### **COMPLETED PROJECT**

- 15,000 Barrels/year
- 65 Current Employees (planning for 100+)
- #8 Brewery in Minnesota (and rising)

# FINAL LESSON: NEIGHBORHOOD IMPACT



### **NEIGHBORHOOD IMPACT**

- 1,500 DOWNTOWN Visitors/Week
- They sell BEER Not Food = DELIVERIES!
- City Comprehensive Plan



### MAYOR OF TWO HARBORS

- **"Castle Danger Brewery is now SYNONOMOUS**
- with the City of Two Harbors. They have had a
- huge impact on our community we are so
- excited to see them succeed!"



#### **SUMMARY**

- BEER MAKERS MAY NOT BE SAVVY DEVELOPERS
- ENVIRONMENTAL ISSUES NOT ALWAYS OBVIOUS
- TEAMWORK!
- PLANNING FOR FUTURE SUCCESS!
- DEED MONEY BUYS HAPPINESS
- NEIGHBORHOOD IMPACT

