
Asset Check Up Report

Prepared for:

WILDWOOD WATER COMPANY, INC
ALBANY, NEW HAMPSHIRE



Prepared by:

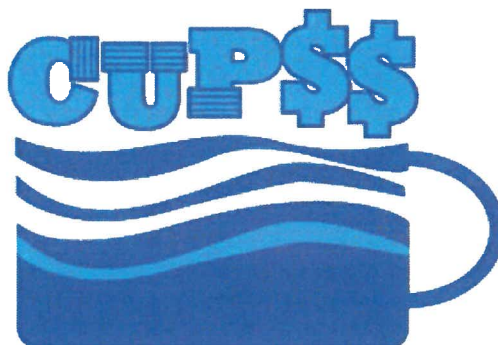
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Date:

01/22/2018

Prepared using:



EXAMPLE

Table Of Contents

1 Introduction3

2 Asset Schematic.....4

3 Asset Inventory5

 3.1 Asset Inventory Summary 6

 3.2 Asset Details 8

EXAMPLE

1 Introduction

The Asset Check Up report includes an overview of the WILDWOOD WATER COMPANY, INC. an asset summary and risk matrix which includes a listing of the high risk assets, and asset details and the associated task scheduled for the upcoming years.

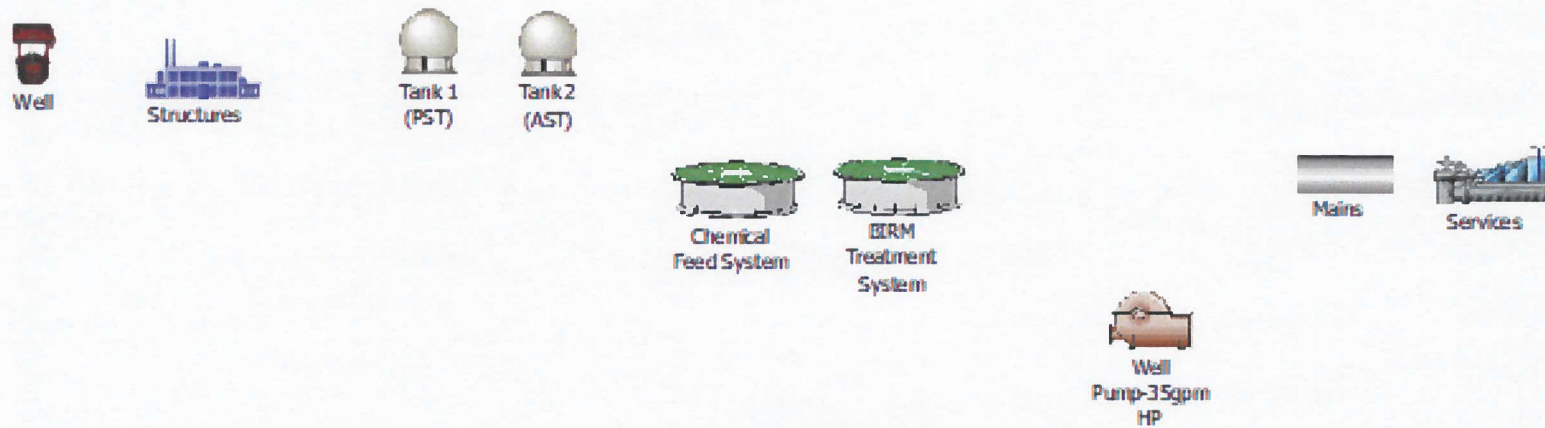
The WILDWOOD WATER COMPANY, INC consists of Source, Pumping Facility, Treatment, Storage, Distribution, Other assets serving [insert community names]. The utility delivers 2,023,414 million gallons per year of water to 49 connections per the 2016 Annual Report. The utility is not interconnected or shared with other drinking utilities. Maps of the utility are maintained by the utility at the Conway, NH office.

The following is a breakdown of customer categories:

1. Residential Customer both Full-time and Part-time occupants.

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2 Asset Schematic



EXAMPLE

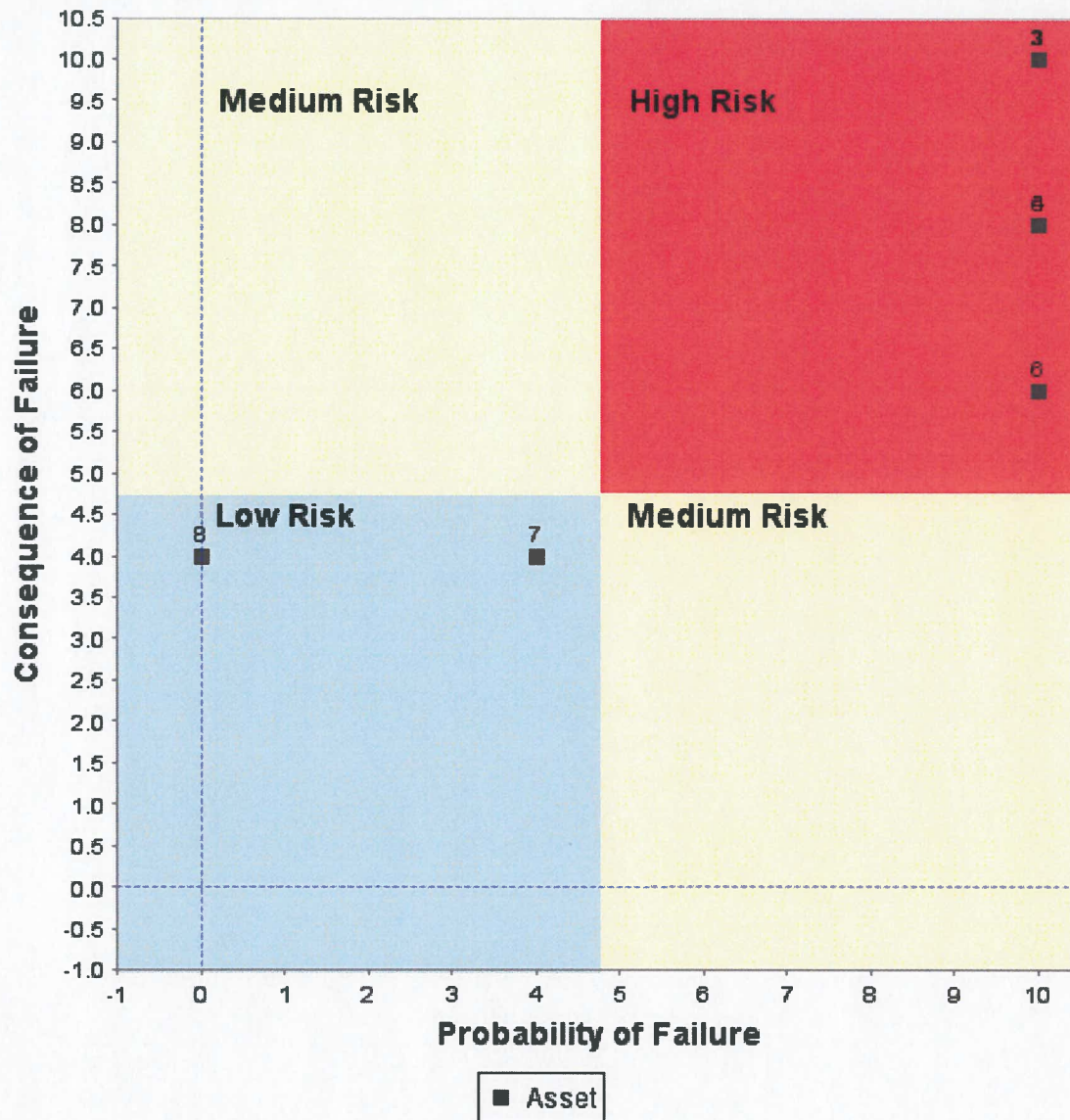
3 Asset Inventory

TBD

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3.1 Asset Inventory Summary

Figure 3.1 Asset Risk Matrix - *NOTE REFER TO TABLE BELOW USING PRIORITY NUMBERS WITHIN THE ASSET RISK MATRIX



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Table 3.1 Asset Inventory Summary

Priority	Asset	Category	Asset Type	Risk	Replacement Date
1	Chemical Feed System	Treatment	Treatment Equipment	High Risk – Immediate Attention	Over due
2	Mains	Distribution	Distribution / Collection Mains	High Risk – Immediate Attention	Over due
3	Well	Source	Wells	High Risk – Immediate Attention	Over due
4	Services	Distribution	Service Lines	High Risk – Immediate Attention	Over due
5	Tank 1 (PST)	Storage	Concrete & Metal Storage Tanks	High Risk – Immediate Attention	Over due
6	Structures	Pumping Facility	Buildings	High Risk – Immediate Attention	Over due
7	Well Pump- 35gpm HP	Pumping Facility	Pumping Equipment	Low Risk – Routine Maintenance	02/01/2024
8	BIRM Treatment System	Treatment	Treatment Equipment	Low Risk – Routine Maintenance	02/01/2031

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3.2 Asset Details

Asset Maintenance Details

Asset Priority: 1

Asset Name: Chemical Feed System

Location: Pump House

Latitude: 0.0

Storage Capacity Days: None

Acre: None

Asset Type: Treatment Equipment

Size: None

Asset Status: Active

Probability of Failure: High

Capacity: Fullsized

Original Cost: 1

Maintenance Cost: 0

Associated Asset: None

Associated Location: None

Longitude: 0.0

LF: None

Asset Category: Treatment

ID: None

Material: None

Condition: Very Poor

Consequence of Failure: Catastrophic

Installation Date:

Replacement Costs: 1

Expected Useful Life: 12.5

There are no tasks associated with this asset.

Asset Maintenance Details

Asset Priority: 2

Asset Name: Mains

Location: Road

Latitude: 0.0

Storage Capacity Days: None

Acre: None

Asset Type: Distribution / Collection Mains

Size: None

Asset Status: Active

Probability of Failure: High

Capacity: Fullsized

Original Cost: 20491

Maintenance Cost: 0

Associated Asset: None

Associated Location: None

Longitude: 0.0

LF: None

Asset Category: Distribution

ID: None

Material: None

Condition: Poor

Consequence of Failure: Catastrophic

Installation Date: 01/01/1972

Replacement Costs: 300000

Expected Useful Life: 37.5

EXAMPLE

There are no tasks associated with this asset.

Asset Maintenance Details

Asset Priority: 3

Asset Name: Well

Location: Ground

Latitude: 0.0

Storage Capacity Days: None

Acre: None

Asset Type: Wells

Size: None

Asset Status: Active

Probability of Failure: High

Capacity: Fullsized

Original Cost: 0

Maintenance Cost: 0

Associated Asset: None

Associated Location: None

Longitude: 0.0

LF: None

Asset Category: Source

ID: None

Material: None

Condition: Fair (Average)

Consequence of Failure: Catastrophic

Installation Date: 01/01/1972

Replacement Costs: 1

Expected Useful Life: 30.0

There are no tasks associated with this asset.

Asset Maintenance Details

Asset Priority: 4

Asset Name: Services

Location: Ground

Latitude: 0.0

Storage Capacity Days: None

Acre: None

Asset Type: Service Lines

Size: None

Asset Status: Active

Probability of Failure: High

Capacity: Fullsized

Original Cost: 1886

Associated Asset: None

Associated Location: None

Longitude: 0.0

LF: None

Asset Category: Distribution

ID: None

Material: None

Condition: Poor

Consequence of Failure: Major

Installation Date: 01/01/1972

Replacement Costs: 98000

EXAMPLE

Maintenance Cost: 0**Expected Useful Life: 35.0**

There are no tasks associated with this asset.

Asset Maintenance Details**Asset Priority: 5****Asset Name: Tank 1 (PST)****Location: Pump House****Latitude: 0.0****Storage Capacity Days: 4850****Acre: None****Asset Type: Concrete & Metal Storage Tanks****Size: None****Asset Status: Active****Probability of Failure: High****Capacity: Fullsized****Original Cost: 1****Maintenance Cost: 0****Associated Asset: None****Associated Location: None****Longitude: 0.0****LF: None****Asset Category: Storage****ID: None****Material: None****Condition: Poor****Consequence of Failure: Major****Installation Date: 01/01/1972****Replacement Costs: 1****Expected Useful Life: 45.0**

There are no tasks associated with this asset.

Asset Maintenance Details**Asset Priority: 6****Asset Name: Structures****Location: Tabor Circle****Latitude: 0.0****Storage Capacity Days: None****Acre: None****Asset Type: Buildings****Size: None****Asset Status: Active****Probability of Failure: High****Capacity: Fullsized****Associated Asset: None****Associated Location: None****Longitude: 0.0****LF: None****Asset Category: Pumping Facility****ID: None****Material: None****Condition: Good****Consequence of Failure: Moderate****Installation Date: 01/01/1972****EXAMPLE**

Original Cost: 54984**Maintenance Cost:** 0**Replacement Costs:** 75000**Expected Useful Life:** 37.5

There are no tasks associated with this asset.

Asset Maintenance Details**Asset Priority:** 7**Asset Name:** Well Pump-35gpm HP**Location:** Well house**Latitude:** 0.0**Storage Capacity Days:** None**Acre:** None**Asset Type:** Pumping Equipment**Size:** 35gpm**Asset Status:** Active**Probability of Failure:** Medium**Capacity:** Fullsized**Original Cost:** 4252**Maintenance Cost:** 0**Associated Asset:** None**Associated Location:** None**Longitude:** 0.0**LF:** None**Asset Category:** Pumping Facility**ID:** None**Material:** None**Condition:** Excellent**Consequence of Failure:** Minor**Installation Date:** 05/25/2017**Replacement Costs:** 4500**Expected Useful Life:** 10.0

Task	Task Type	Frequency	Task Duration	Cost
Installed new Pump	Unplanned-Repair	None	2017-06-15 - 2017-06-15	4252.00

Asset Maintenance Details**Asset Priority:** 8**Asset Name:** BIRM Treatment System**Location:** In Pump House**Latitude:** 0.0**Storage Capacity Days:** None**Acre:** None**Asset Type:** Treatment Equipment**Size:** None**Associated Asset:** None**Associated Location:** None**Longitude:** 0.0**LF:** None**Asset Category:** Treatment**ID:** None**Material:** None**EXAMPLE**

Asset Status: Active**Probability of Failure:** Low**Capacity:** Fullsized**Original Cost:** 12461**Maintenance Cost:** 0**Condition:** Excellent**Consequence of Failure:** Minor**Installation Date:** 06/15/2017**Replacement Costs:** 13000**Expected Useful Life:** 12.5

Task	Task Type	Frequency	Task Duration	Cost
Installed new Treatment	Unplanned-Repair	None	2017-06-15 - 2017-06-15	12,461.50

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