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**Asset Check Up Report**

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**Prepared for:**

WILDWOOD WATER COMPANY, INC  
ALBANY, NEW HAMPSHIRE



**Prepared by:**

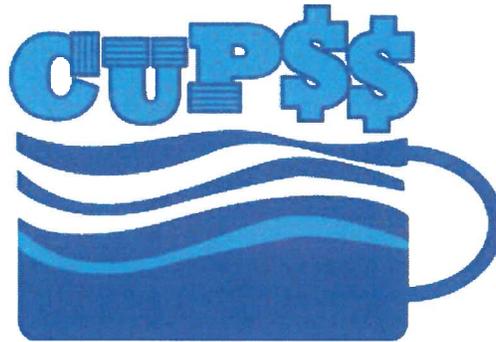
LEAH VALLADARES  
LRWC UTILITY MANAGER

JUSTIN BENES  
LRWC OPERATOR

**Date:**

01/22/2018

**Prepared using:**



**EXAMPLE**

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**EXAMPLE**

## 1 Introduction

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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.

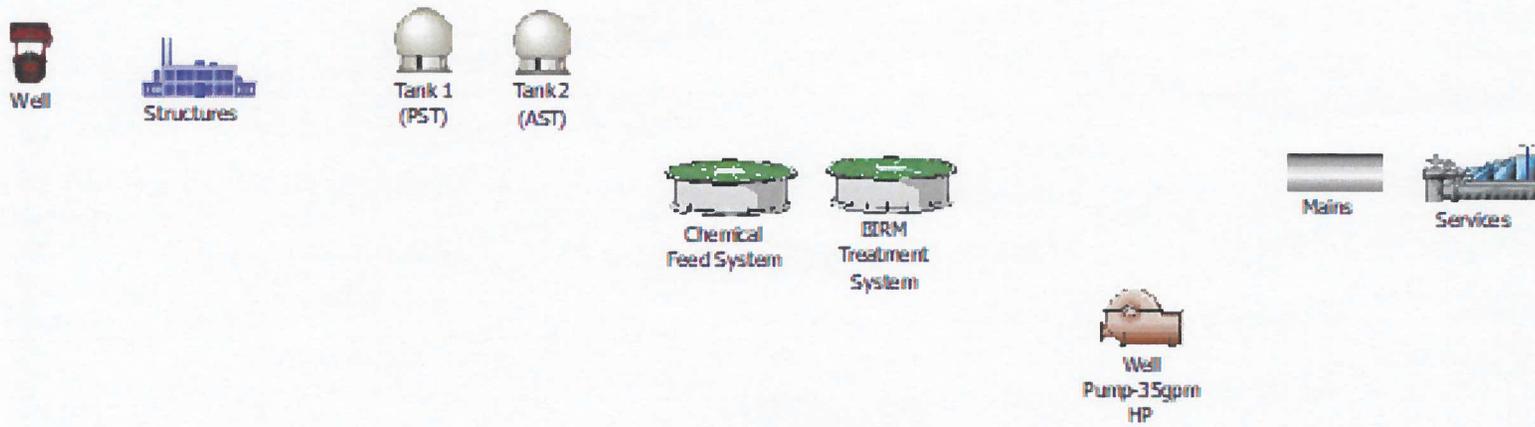
The following is a breakdown of customer categories:

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

**EXAMPLE**

## 2 Asset Schematic

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# EXAMPLE

### **3 Asset Inventory**

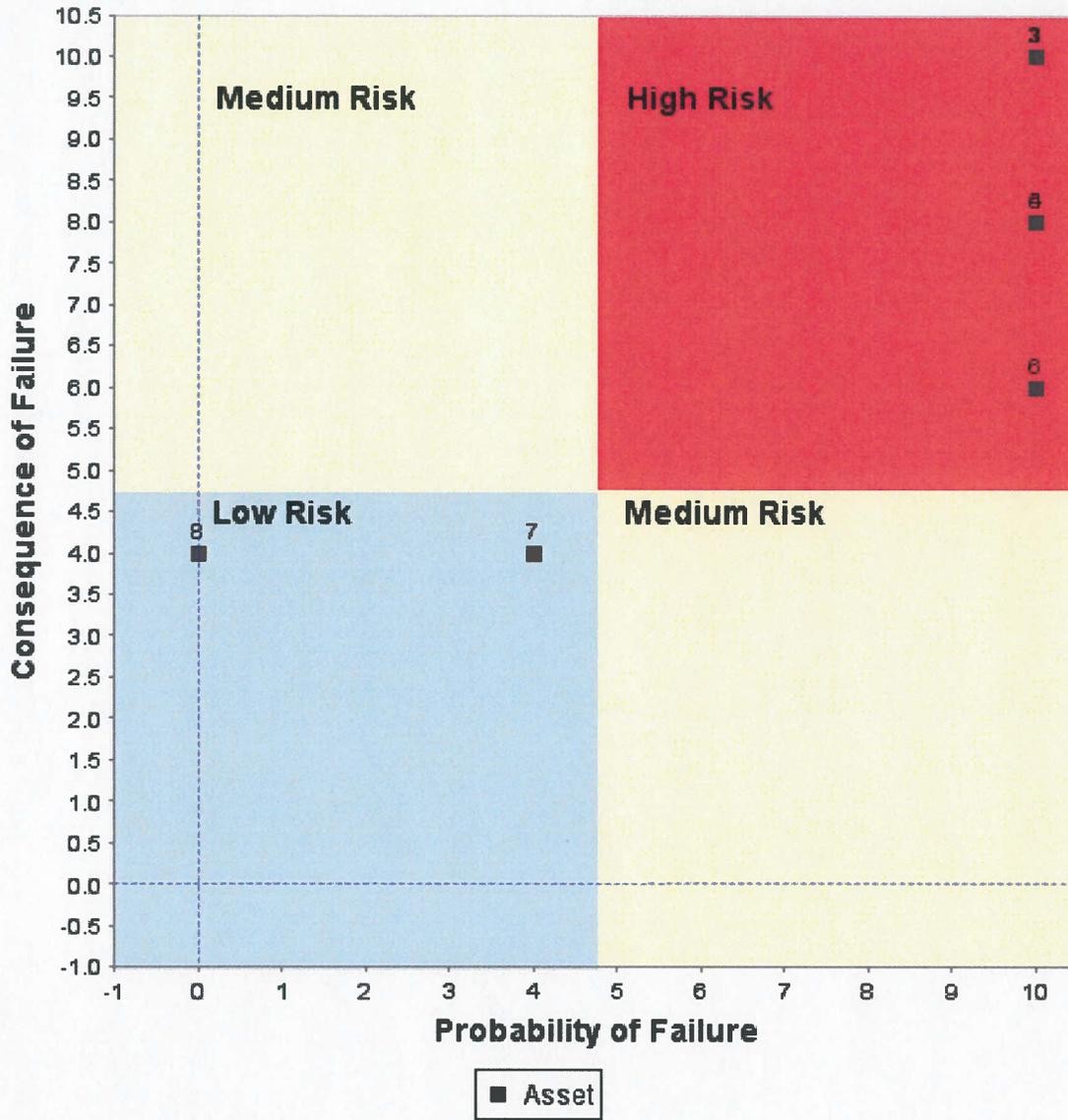
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TBD

**EXAMPLE**

### 3.1 Asset Inventory Summary

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



# EXAMPLE

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

# EXAMPLE

## 3.2 Asset Details

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### 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**

**Replacement Costs: 75000**

**Maintenance Cost: 0**

**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**

**Associated Asset: None**

**Location: Well house**

**Associated Location: None**

**Latitude: 0.0**

**Longitude: 0.0**

**Storage Capacity Days: None**

**LF: None**

**Acre: None**

**Asset Category: Pumping Facility**

**Asset Type: Pumping Equipment**

**ID: None**

**Size: 35gpm**

**Material: None**

**Asset Status: Active**

**Condition: Excellent**

**Probability of Failure: Medium**

**Consequence of Failure: Minor**

**Capacity: Fullsized**

**Installation Date: 05/25/2017**

**Original Cost: 4252**

**Replacement Costs: 4500**

**Maintenance Cost: 0**

**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**

**Associated Asset: None**

**Location: In Pump House**

**Associated Location: None**

**Latitude: 0.0**

**Longitude: 0.0**

**Storage Capacity Days: None**

**LF: None**

**Acre: None**

**Asset Category: Treatment**

**Asset Type: Treatment Equipment**

**ID: None**

**Size: None**

**Material: None**

**EXAMPLE**

**Asset Status: Active**

**Condition: Excellent**

**Probability of Failure: Low**

**Consequence of Failure: Minor**

**Capacity: Fullsized**

**Installation Date: 06/15/2017**

**Original Cost: 12461**

**Replacement Costs: 13000**

**Maintenance Cost: 0**

**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

**EXAMPLE**