Requirements/Design Specification

**Large Container Disposal Changes 3:**

**Support for Additional Waste Types and Billing Methods**

**GH 595 - CR**

Revision History

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| --- | --- | --- | --- |
| **Date** | **Revision** | **Description** | **Author** |
| 5/7/2015 | 1.0 | Initial Document | Roger |
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# Business Requirements

## Purpose of the Design Specification

This document highlights items to be implemented for additional waste types and billing methods.

### Business Functional Requirements / Configuration

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| --- | --- |
| **Business Functional Requirement** | **Design** |
| For large Container Type: 'Is Container Owned?' to be forced set to false for “Self-Contained Compactor” | * 1. Add new recommendation rule ‘Set Is Customer Owned? Based on Container Type”   2. Condition: Container Type = ‘Self-Contained Compactor’   3. Action: Is Container Owned? Forced Set to False |
| Change 'Total Compactor Expense' to 'Total Compactor Cost' | 1. Attribute Administration – Change Display Name to ‘Total Compactor Cost’ |
| Default 'Total Compactor Expense' to a division specific value | 1. Query parts database to pull default value/use recommendation rule |
| Hide 'Estimated Tons/Haul' if 'Unit of Measure' is 'Per Haul' or 'Per Yard' | 1. Add Hiding Rule: Hide Estimated Tons/Haul based on Unit of Measure’    * 1. At the Large Container Level      2. Condition: if UoM <> Per Ton      3. Action: Hide Estimated Tons/Haul |
| Align Monthly Totals section with Unit of Measure calculations | If By the load UOM is chosen, financial summary multiplies disposal by estimated tons/haul. It should not do this.   * For "By the Load" , monthly disposal expense = I/C ratehauls per month \* qty * For "By the Yard", monthly disposal expense = I/C rate \* container size in yards \* hauls per month \* qty * For "By the Ton" monthly disposal expense = I/C rate \* estimated tons per haulhauls per month \* qty |
| Disposal Rate cannot be negative for non-recycling waste types | 1. Change line level validation rule: Check Core Price for Negative Value 2. Change to advanced condition:   result = false;  priceCheck = false;  rateCheck = false;  wasteCheck = false;  recyclingWastes = string[];  wasteTypeRecs = bmql("SELECT Is\_Recycling, wasteType FROM Div\_Waste\_Types WHERE division = $division\_quote");  for rec in wasteTypeRecs{  if (get(rec, "Is\_Recycling") == "1"){  append(recyclingWastes, get(rec, "wasteType"));  }  }  for line in line\_process{  if(line.\_document\_number == \_system\_current\_document\_number){  if (line.rateType\_line == "Disposal"){  rateCheck = true;  }  if (findinarray(recyclingWastes, line.wasteType\_line) <> -1){  wasteCheck = true;  }  }  }  result = not(rateCheck AND wasteCheck);  return result; |
| Hide 'Tons Included in Haul Rate' for Per Yard or Per Load Flat Rate quotes | Add constraint rule |
| Remove overage line item for Per Yard or Per Load Flat Rate quotes | Add constraint rule |

### Technical Design Requirements

| **Technical Design Requirement** | **Notes** |
| --- | --- |
|  |  |

# Assumptions

The following items are assumptions are out of scope:

# Technical Design

## Referenced Documents

None

## Process Flow and Mock Ups

## Changes to Capture tables

## Changes to Pricing formulas

None

## Data Sources & Mapping

* For detailed mapping information, please refer to the BMI [Enterprise Mapping Document](http://itpmo-2013projects/Pricing%20Initiative/2.0%20Planning%20and%20Requirements/BMI%20Enterprise%20Mapping%20Document.xlsx).

## InfoPro Int

Should not require now attributes for any of the changes.

# Report Changes

See BFR 009 in the Deferred Items section

# Appendix