

Application Modifications and Enhancements

HiCAMS & DOH Vendor Version 8.5.5 were released Friday, 10/19/2018.

OVERVIEW OF THE RELEASE

- Application enhancements in various modules related to Samples, Pay Records, Notifications, Field Inspection Reports, Density, Query Tools and Standard Reports
- Data fixes for production issues in various modules.

DENSITY - Review Density Core/Tests

- An Export Button has been added to window
- User will be able to export file which can be Saved and/or Printed.
- When the button is clicked a popup dialog box will be displayed for the user to specify the filename and filetype. The default filetype is (Excel) [SQA 22284](#)

FIELD INSPECTION REPORTS (FIR) - Review Field Inspection Reports

CONCRETE PIPE: CORRUGATED METAL PIPE: GUARDRAIL: PRECAST
CONCRETE: PRESTRESSED CONCRETE: STAY-IN-PLACE: STRUCTURAL STEEL:

- Corrugated Metal Pipe (FIR) – for “Aluminized” Coating Type, changed the logic to calculate the Coating value for the Average Aluminum Reading -
- The English rules states: dividing the Average Aluminum Reading from 1.9 with a value of 3.74
- The Metric rules states: dividing the Average Aluminum Reading from 1.9 with a value of 3.74 and multiply by 305.2 [SQA 22277](#)

PRESTRESSED CONCRETE:

- Removed the Material/Contract verification logic when checking a CNI Sample – logic now requires that only Sample Number be valid when associated to PS FIR. [SQA 22304](#)

SAMPLING - Enter Sample Details

- Added Print function to the Sample Details window. [SQA 22216](#)

SAMPLING - Review Sample Details

- Added six new fields to Cont/Loc Tab – Total Water (gals/cy), Air Content [%], Slump [in], Concrete: Type Curing, Temperature of Air [F], Temperature of Concrete [F]
- Fields are conditionally required based on a select list of materials in the Material Type Group: “Concrete”. [SQA 22217](#)

QUERY TOOL - FIELD INSPECTION REPORTS: FIR General

- Added “Prestressed Concrete” to the dropdown Report Name data value when selected in the Criteria Column.
- Snapshot Report window will allow you to navigate to FIR records when selected. [SQA 22268](#)

SAMPLES: Added 3 new fields to Query Tool

1. Total Water (gals/cy)
2. Concrete: Type Curing
3. Temperature of Air [F]. [SQA 22217](#)

STANDARD REPORTS - RECYCLED AND SOLID WASTE REPORT:

- Created a Standard Report to list Recycled Materials (Cable Guardrail, Fly Ash, Glass Beads, Guardrail Removal, Plastic Offset Blocks, Plastic Pipe, RAP and RAS)
- Information can be sorted by Date Range and Division.
- Additional modifications are scheduled for this report in next release. [SQA 22125](#)

PROJECT CLOSEOUT – Review Construction Quality Index (CQI):

- Added CQI Q&A button to window, to activate the button you must first select a Consultant Name or Design Engineer.
- 3 questions have been added to window:
 - (1) Was there a new product, method or technique that you used during project development or construction? Describe any positive or negative impacts or consequences from this product, method or technique.
 - (2) Was there an issue or challenge that occurred during project development or construction that could have been avoided if something else had been done?
 - (3) Is there a specification or standard that needs to be revised or adjusted to better serve its purpose? [SQA 22227](#)

ADMIN - Notification Setup

- Added a new Field Inspection Reports notification tag: FIR X: Prestressed/Precast/Concrete Pipe Complete Status Alert
- Notifications will be sent when PS, PC & CP FIR report statuses = **Complete**
- Notification will go to the following staff members: Jason Poppe, Jason Civils and Tim Brandenburg. [SQA 22252](#)
- Added a notification for when a Contract is Activated. A notification will be sent to the following staff members: SJFrederick, KARogers, JSawyer, AME, SMS and Margaret Lloyd - M&T Records Specialist. [SQA 22243](#)

QUERY TOOLS

- Density Other Nuclear – added Square Yards to columns description
- This field will be a calculated field that will only show a value on the Query Tool report if the value of the Square Yard is greater (>) than 36. If value is less (<) than 36 no value will appear on report.
- The square yard calculation is provided in feet, so a conversion from feet to yards or square feet to square yard must be performed. Calculation Formula - (Length(ft) x Width(ft) / 9 = Square Yards. [SQA 22208](#)
- Field Inspection Reports – FIR General – Added Prestressed Concrete to the Select Data Value under Report Name. [SQA 22268](#)