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