



# Lucity Dashboards for Quality Control (QC)



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# Lucity Dashboards for Quality Control (QC)



- What are Lucity Dashboards?
- How Can They Be Used?
- How Can They Be Used as Part of Quality Control?
- What are Advance Filters?
- What are the Best Practices for 'Fixing' Quality Problems?



# Lucity Dashboards for Quality Control (QC)



Lucity for clint004, - User kcoons - Windows Internet Explorer provided by City of Wichita

http://vmaardvark/gbamswebap/default.aspx?

File Edit View Favorites Tools Help

McAfee

Web Slice Gallery

Lucity for clint001, - User k... Lucity for clint004, - Us...

Home Menu Favorites Open Views Modules

Build Maint Supervisor

Build Maint Mechanic

Build Maint Warehouse

Fleet Maint

Requests

My New Requests (0)

All Open Requests (0)

Work Orders

- All Work Orders (78)
  - New Work Order (52)
  - On-Going (26)

Warehouse Report - Multi Column

**Airport Crew Warehouse Status Detail Report** 8/12/2013 1:25 PM

Building Maintenance Crew 51 WH

Part #	Qty	Part Description
BM029043	2.00	Bearing, Vak 3/4 Fafnir Pillow Block
BM030777	10.00	Sealer, Fence - Waterproof

Done Local intranet | Protected Mode: Off 100%



# Lucidity Dashboards for Quality Control (QC)



Lucidity for clint001, - User kcoons - Windows Internet Explorer provided by City of Wichita

http://vmaardvark/gbamswbepw/default.aspx?

File Edit View Favorites Tools Help

McAfee

Favorites Web Slice Gallery

Lucidity for clint001, - Us... x Lucidity for clint004, - User k...

Home Menu Favorites Open Views Modules

kcoons

Administration

Flood Control

Illicit Discharge & Samplings

Pumps & Generators

Stormwater

Stream

Requests & Work Orders

Stormwater Work Quality Control

Stormwater Inventory

Stormwater Inventory Quality Control

**Conduits & Structures**

- ▶ All Conduits (56714)
- ▶ Conduits - Arterial Routes (280)
- ▶ Conduits - Routine Routes (0)
- ▶ Conduits - Special Routes (1230)
- ▶ Conduits - Watershed (230)
- ▶ All Structures (66953)
- ▶ Structures - Arterial Routes (5359)
- ▶ Structures - Routine Routes (7031)
- ▶ Structures - Special Routes (1484)
- ▶ Structures - Watershed (1601)

**Parks**

- ▶ Flood Control Mowing (1)
- ▶ Landscape (Mowing Areas) (305)
- ▶ Stream Mowing (1)

Done

Local intranet | Protected Mode: Off

100%



# Lucity Dashboards for Quality Control (QC)



## Quality Control Items

- Filter for Common WO Errors
- Unusual WO Errors
- Drill By Important Factors
  - Supervisor
  - Type of WO
  - Category
  - Problem
  - Main Task
  - Priority

A screenshot of the Lucity Work Orders dashboard. The title "Work Orders" is at the top left. In the top right corner, there are three icons: a blue square with a white 'H', a blue circle with a white 'W', and a blue circular arrow. The main content area lists various quality control items with their respective counts in parentheses. The items are: "Hours Not in NORM Field (0)", "My WO w No Start Date/No End Date (0)", "No Supervisor (0)", "Missing Task Units (0)", "Missing Task Data (Dates, Units, etc...) (0)", "No Category or No Problem Or No Main Task (90)", "No Cause or Assigned Crew, or Assigned By (0)", "No Crew When Section or Sub-Section &lt;&gt; 0 (0)", "No Section or No Sub-Section or No District (0)", "No Start Date or No End Date or No Priority Set (3)", "No Status (0)", "Task Resource Checkbox Not Checked (0)", "Hours in REG or OT Fields (0)", "Zero Hrs In WO Resource for Employee (1)", "Zero Hrs in WO Resource for Equip (1)", "Zero Hrs In WO Tasks and Resources (1)", "Zero Hrs In WO Tasks (1)", "Material Not Stormwater Material Code (0)", "Problems Tasks Causes Not Stormwater Codes (7678)", and "Sub Task Not Stormwater Codes (8007)".





# Lucidity Dashboards for Quality Control (QC)



Lucidity Administration 7.50 - Client: CLINT001 - User: KCOONS

System Dashboard Navigation

Dashboard/Preferences

Users Templates

PW Engineering Templates  
PW Maintenance Templates  
PW Stormwater Templates

Administration  
Flood Control  
Illicit Discharge & Samplings  
Pumps & Generators  
Stormwater  
Stream  
Requests & Work Orders  
Stormwater Work Quality Control  
Stormwater Inventory  
Stormwater Inventory Quality Control

Links

Apply Template Save Cancel

**Edit Preferences For: PW Stormwater Templates**

Dashboard Tabs

Administration  
Flood Control  
Illicit Discharge & Samplings  
Pumps & Generators  
Stormwater  
Stream  
Requests & Work Orders  
Stormwater Work Quality Control  
Stormwater Inventory  
Stormwater Inventory Quality Control

Links

Apply Template Save Cancel

**Edit Dashboard Tab**

Name Stormwater Work Quality Control

Enable Refresh Rate: 3

Frames

Work Orders

Apply Template Save Cancel

**Edit Frame**

Frame Name Work Orders

Show 'Launch In Desktop'  
Show 'Launch In Web'

Plugins

Hours Not in NORM Field  
My WO w No Start Date/No End Date  
No Supervisor  
Missing Task Units  
Missing WO Task Data (Dates, Times, or Categories)  
No Category or No Problem Or Problem Category  
No Cause or Assigned Crew, or No Crew When Section or Sub-Section  
No Section or No Sub-Section or No Start Date or No End Date or No Status  
Task Resource Checkbox Not Checked  
Hours in REG or OT Fields  
Zero Hrs In WO Resource for E  
Zero Hrs in WO Resource for E  
Zero Hrs In WO Tasks and Resources  
Zero Hrs In WO Tasks  
Material Not Stormwater Material  
Problems Tasks Causes Not Stormwater  
Sub Task Not Stormwater Code

OK

**Edit Data Drill**

Label Hours in REG or OT Fields

Filter

WKORDER WHERE (WKORDER.WO\_CAT\_CD LIKE '2%' and WO\_ID in (Select WR\_WO\_ID FROM WKRESRCE where (WR\_UNITS\_OT > 0 OR WR\_UNITS\_R > 0) AND WR\_UNITS >= 0))

Acquire

Drill Downs

WKORDER - WO\_SUPR\_TY  
WKORDER - WO\_STAT\_TY  
WKORDER - WO\_CAT\_TY  
WKORDER - WO\_ACTN\_TY

Add Edit Delete

Use Web View

CDW\_PWSM\_Default\_WO\_View

OK Cancel

WKORDER WHERE (WKORDER.WO\_CAT\_CD LIKE '2%' and WO\_ID in (Select WR\_WO\_ID FROM WKRESRCE where (WR\_UNITS\_OT > 0 OR WR\_UNITS\_R > 0) AND WR\_UNITS >= 0))



# Lucidity Dashboards for Quality Control (QC)



The screenshot displays the Lucidity web application interface. At the top, there is a navigation bar with the Lucidity logo and menu items: Home, Menu, Favorites, Open Views, and Modules. Below the navigation bar is a sidebar with a list of modules: Administration, Flood Control, Illicit Discharge & Samplings, Pumps & Generators, Stormwater, Stream, Requests & Work Orders, Stormwater Work Quality Control, Stormwater Inventory, and Stormwater Inventory Quality Control. The main content area is divided into two panels. The left panel is titled "Conduits" and lists various data points with counts: Alt ID Number Incorrect (0), Conduits without Any Inspections (52509), Box Culvert Height or Width = 0 (28), DS Invert Values = 0 or NULL (1766), US Invert Values = 0 or NULL (308), Diameter/Height = 0 or NULL (2195), Length = 0 or NULL (0), Material = 0 or NULL (4), Owner = 0 or NULL (1), Pipe Shape = 0 or NULL (5), Surface = 0 or NULL (52451), Type = 0 or NULL (0), Length Status = NULL (0), Liner = NULL (2), and Pipe Type and Shape Do Not Match (151). The right panel is titled "Structures" and lists various data points with counts: Structures with No Inspections (1404), Structures with No Attachments (6794), Status = Bad Record, Buried, Not Found, or NULL (596), Cover Type = 0 or NULL (1184), Facility = 0 or NULL (11), Inside Length or Width = NULL (41), Location = 0 or NULL (0), Owner = 0 or NULL (1538), Rim Status = 0 or NULL (763), Rim Value = 0 or NULL (1627), Structure Type = 0 or NULL (0), Surface Type = 0 or NULL (1668), Wall Material = 0 or NULL (12483), Depth = NULL (797), and Lot Location is NULL (56514). The bottom of the screen shows a Windows taskbar with the text "Done" on the left and "Local intranet | Protected Mode: Off" and "100%" on the right.



# Lucity Dashboards for Quality Control (QC)



- Administration
- Flood Control
- Illicit Discharge & Samplings
- Pumps & Generators
- Stormwater
- Stream
- Requests & Work Orders
- Stormwater Work Quality Control
- Stormwater Inventory
- Stormwater Inventory Quality Control

## Conduit Reports



### Stormwater Conduits Circular Reference Report

	1st Conduit ID	1st Conduit Alt ID	DS Structure	US Structure	Cir Ref ID	Cir Ref Alt ID	Cir Ref US	Cir Ref DS
Itself	2113	2113	5548-0148	5548-0148	2113	2113	5548-0148	5548-0148
	2354	2354	5047-0002	5047-0003	2355	2355	5047-0002	5047-0003
Above	2355	2355	5047-0003	5047-0002	2354	2354	5047-0003	5047-0002
Itself	2552	2552	5548-0146	5548-0146	2552	2552	5548-0146	5548-0146
	2679	2679	5248-0111	5248-0110	2680	2680	5248-0111	5248-0110



### Stormwater Conduits Duplicate Records Report

1st Rec ID	2nd Rec ID	US Structure	DS Structure	1st Rec ID	2nd Rec ID	US Structure	DS Structure	
40585	57477	5747-0363	5747-0349	Above	57479	38402	6050-0441	6050-0435
40585	57480	5747-0363	5747-0349					





# Lucity Dashboards for Quality Control (QC)



## Fixing Errors 'Best Practices'

- Two Sets of Eyes
- Organizational/Department Procedures
- Training
- Knowledgeable Lucity Users & IT Staff
- Finding Errors ASAP



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# QUESTIONS?



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