



# Enterprise SMS Update



# Collection of Available Information

## ESMS Training

- Contracted Training Development

## Fall Summit - ESMS Development Update

- Paisley Mahern

## Fall Summit – ESMS Utilities Update

- Mike Grussing and Matt Walters

## Fall Summit – ESMS Fuels Update

- Joe Karbarz

## Fall Summit – Waterfront Structures

- James Allen and Rhoda Brucker





# Online Training

A screenshot of a web browser displaying the "Enterprise SMS (ESMS)" course page within a Learning Management System (LMS). The browser's address bar shows the URL "training.sms.erd.c.dren.mil/course/view.php?id=11#section-4". The page header includes the text "SMS - Learning Management System" and a user profile for "Kurt Sorensen". The main content area is titled "Enterprise SMS (ESMS)" and includes a breadcrumb trail: "Dashboard / My courses / Enterprise SMS (ESMS)". On the left, a "Navigation" sidebar lists various options: "Dashboard", "Site home", "Site pages", "My courses", "Enterprise SMS (ESMS)" (which is expanded to show "Participants", "Badges", "Competencies", "Grades", and "Course Description:"). The "Course Description:" section on the right contains the following text: "Provides a broad overview of the Enterprise Sustainment Management System (ESMS). This course is open for Self-Enrollment and Manual Enrollment only. No Guest Access. Only those who have a registered login on the LMS and are enrolled in a course by Self-Enrollment or have been Manually Enrolled by an instructor will have their progress tracked for the course by the system. Certificates of Completion are only accessible to enrolled users who have successfully completed the requirements for any particular certificate. To Self-Enroll in this course select 'Enrol me in this course' from the Administration Box on the lower left side of the Dashboard." A "Your progress" link with a question mark icon is also visible in the top right of the course description area.



# Fall Summit Virtual Presentation

## ESMS Development Update and Demonstration

### **Presenters:**

Paisley Mahern – SMS TCX

### **Description:**

In this presentation, Paisley Mahern of the SMS TCX provides an overview of the work that has been completed in the development of the ESMS Platform and demonstrates current capabilities.



[ESMS Development Update and Demonstration - Video Presentation](#)





# Fall Summit Virtual Presentation

## ESMS Utilities Update

### **Presenters:**

Mike Grussing and Matthew Walters – SMS TCX

### **Description:**

In this presentation, Michael Grussing and Matt Walters of the SMS TCX provide an overview of the work that has been completed in the development of the Utilities SMS domain and the ESMS platform.



[ESMS Utilities Update - Video Presentation](#)



[ESMS Utilities Update - Slides](#)



# Fall Summit Virtual Presentation

## ESMS Fuels Update

### **Presenters:**

Joseph Karbarz – SMS TCX

### **Description:**

In this presentation, Joseph Karbarz of the SMS TCX provide an overview of the work that has been completed in the development of the Fuels SMS domain and the ESMS platform.



[ESMS Fuels Update - Video Presentation](#)



[ESMS Fuels Update - Slides](#)



# Fall Summit Virtual Presentation

## Water Control Structures and Waterfront SMS Update

### **Presenters:**

James Allen and Rhoda Brucker – SMS TCX

### **Description:**

In this presentation, Jim Allen and Rhoda Brucker of the SMS TCX provide an overview of the work that has been completed in the development of the Water Control Structures SMS domain that will be implemented using the ESMS platform. They will discuss the methodologies employed to date as well as covering existing challenges and next steps in this domain area.



[Water Control Structures Domain - Video Presentation](#)



[Water Control Structures Domain - Slides](#)

# Shared Platform

## *Enterprise SMS Capabilities - Current*

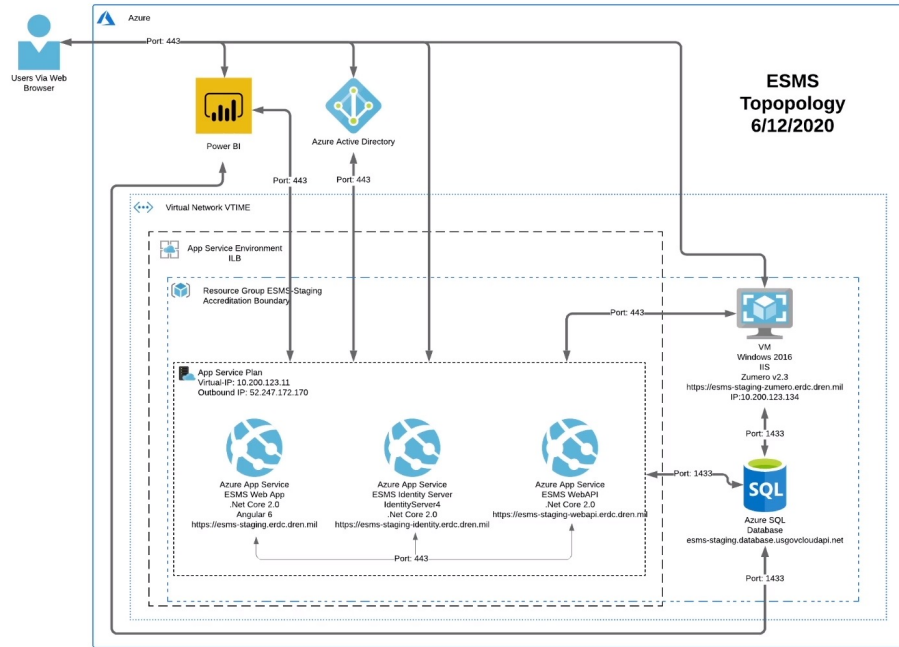
### System-wide Capabilities

- Web Application
- Desktop/Tablet Application
- Role-based Permissions Model
- 'Team' Model for Assessment/Project Team Authorization
- Core data structure for storing multiple infrastructure domain Inventory data
- Direct Rating Assessments (G/A/R)
- Condition Projection (CI)
- Functional Assessment (FI)
- Long Range Work Planning
- PowerBI Integration
- Electronic Import of GIS data from ArcGIS Server
- Map/GIS Displays
- Component Catalog Management (Uniformat II, etc.)
- Document/Image Management

### Domain Specific Efforts:

Buildings	Utilities	Fuels	Rail	Pavements	Dams/Levees
<ul style="list-style-type: none"> <li>• Electronic Import of Inventory/Assessment data from BUILDER to ESMS</li> </ul>	<ul style="list-style-type: none"> <li>• Initial Component Catalog for Water, Electrical, Gas, Thermal, Sewer and Storm</li> <li>• Inventory/Assessment population based on import from GIS database</li> <li>• Inventory population via import of GIS data from ArcGIS Server</li> </ul>	<ul style="list-style-type: none"> <li>• DLA Project Planning Study capability</li> <li>• Functional Assessments</li> <li>• Deficiency-based work plan generation</li> <li>• Deficiency-based FCJ calculation</li> <li>• Automated Assessment Workflow Process</li> </ul>	<ul style="list-style-type: none"> <li>• Import of RAILER databases for viewing rail data alongside other SMS domains</li> <li>• Legacy RAILER desktop capabilities migrated to ESMS platform</li> </ul>	<ul style="list-style-type: none"> <li>• Import of E70 file for viewing pavement data alongside other SMS domains</li> </ul>	<ul style="list-style-type: none"> <li>• Initial Inventory catalog creation to capture water retention</li> </ul>

# System Architecture: Azure Cloud





# Hierarchy Update

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- No more Systems, Components, Sections strict hierarchy
- Inventory are Components within a Facility
  - Not “Section”
- Introducing “Groups”
  - Multiple groups possible (zone, floor, system, maintenance group)



# Login: Demo

The screenshot shows the login interface for the Enterprise SMS system. The background is a blurred image of a construction site with a large blue machine. The login form is a white box with a blue border. It has two tabs at the top: "Password" (selected) and "CAC". Below the tabs, there are three input fields: "Username", "Password", and "Password". A blue "Login" button is at the bottom of the form. To the right of the form, the text "Enterprise Sustainment Management System" is displayed in a large, white, sans-serif font. The top of the page has a blue header with "Enterprise SMS" on the left and "Announcements" on the right. The bottom of the page has a blue footer with the text "BUILDINGS | PAVEMENTS | UTILITIES | RAILS | FUELS".

Enterprise SMS

Announcements

Enterprise Sustainment Management System

BUILDINGS | PAVEMENTS | UTILITIES | RAILS | FUELS



# User Management

Enterprise SMS

https://esms-staging.erc.dren.mil/sms/site/N5k78pUfgEmuWgoMzMXbTQ/domain/2.3.4/securitymanagement/roles

Enterprise SMS

Offutt AFB Domains (3)

Search

Last Login: 10/09/2020 16:34

Security Editor

Users Roles

Administrator

AllPermissions

Assessor

Assessor Lead

DLA Energy

Inventorier

MCA Inventorier

test

Work Planner

WorkflowRole

WorkplanRole

Role Details

Name: AllPermissions

Categories

General Access

Organization: None

Installation: None

Site: None

Inventory: Delete

Work Plans: Local

Condition Assessments: Create

Functional Assessments: Delete

Reference Books: None

Administrative

User Accounts: None

Save





# Invite People

The screenshot shows the Enterprise SMS web application interface. The browser address bar displays the URL: <https://esms-staging.ercd.dren.mil/sms/site/N5k7BpUfgEmuWgoMzMxbTQ/domain/2.3.4/organizations/orgId=F-kHWKtdPEKaM72LA6WRWA>. The application header includes the "Enterprise SMS" logo, a search bar, and the user's name "Oruti AFB" and "Domains (3)". The main content area is titled "Organizations" and has tabs for "General", "Teams", and "Roles". The "Teams" tab is active, showing a list of organizations on the left and a "Team Details" panel on the right. The organization "DLA" is selected, and the team "DLA Work Planners" is chosen. The "Team Details" panel shows the organization name "DLA" and the team name "DLA Work Planners". Below this, there is a table of invitations with columns for "Link" and "Uses". The table contains two rows of invitation links and their respective use counts. At the bottom of the panel, there are buttons for "Members" and "Workspace", each with a plus icon. A "Save" button is located at the bottom right of the panel.

Link	Uses
<a href="#">JWP5aKc3aRf2bW27c0Rg</a>	7
<a href="#">MuxGw79K3aU4_ApGJMA</a>	5



# Teams

A screenshot of the Enterprise SMS web application. The browser address bar shows a URL from esms-staging. The main interface has a blue header with "Enterprise SMS" and a user profile. On the left, a sidebar shows "Organizations" with a search bar and a list including "Marine Corps Active" and "DLA". The "DLA" organization is selected, and the "Teams" tab is active. The main content area shows the "DLA Work Planners" team configuration. A "Team Workspace" modal window is open, displaying a list of "Organizations" (1), "Sites" (1), and "Groups" (0). The "Groups" section is currently selected. In the background, there are sections for "Members" (with an "Edit" button), "Workspace" (with an "Edit" button), and a table of "Uses" with two rows of data (7 and 5) and "Add" buttons. A "Save" button is at the bottom right of the main content area.

Enterprise SMS

Organizations

Search organizations here

Marine Corps Active

DLA

DLA Work Planners

General Teams

Team Workspace

Organizations 1

Sites 1

Groups 0

Add Group Role

Close

Members Edit

Workspace Edit

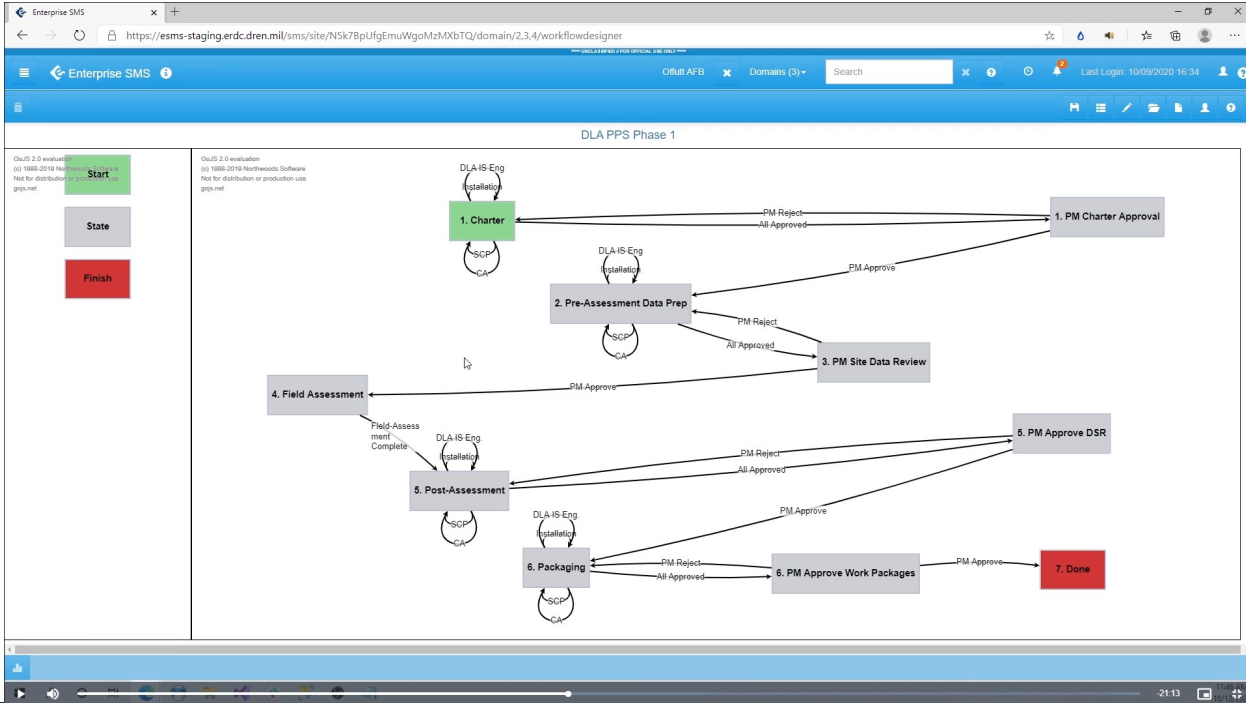
Uses

7	+
5	+


Save



# Workflow

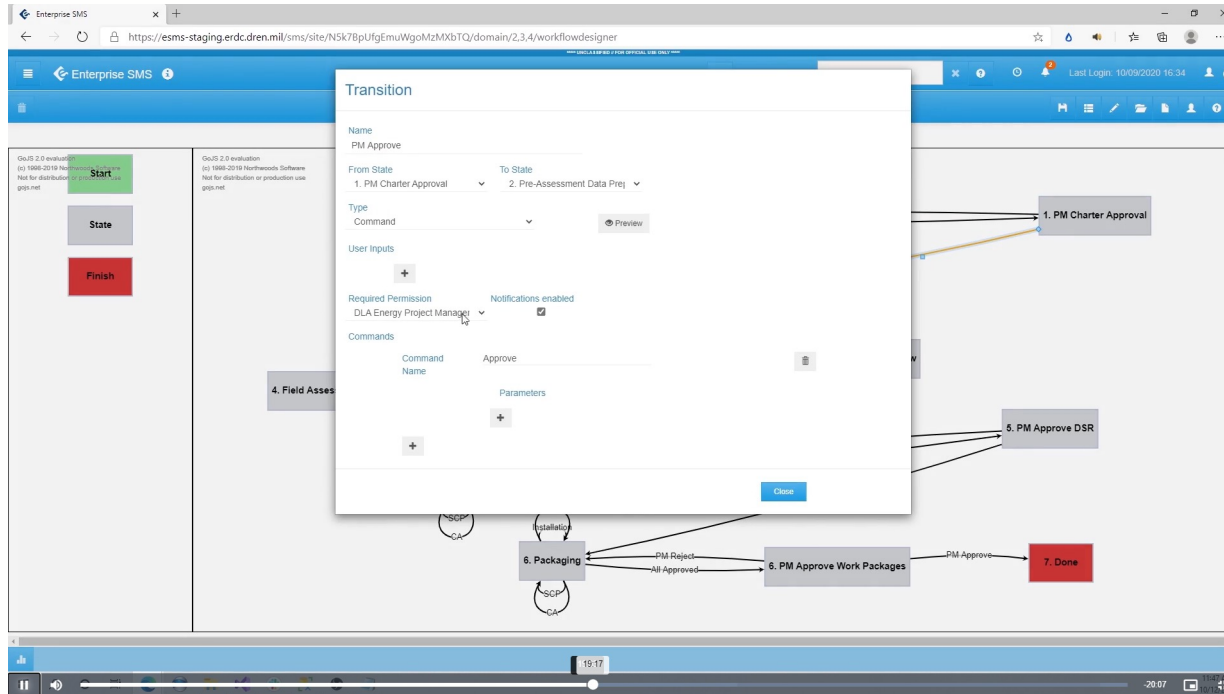


# Types of Workflow Plans

	Category of Facility Condition Assessment					
	Comprehensive	Modified	Operational	Direct Rating	Desk Audit	Revalidation
<b>Description</b>	A "fence to fence" review of all assets	Includes assets not subject to scheduled inspections (e.g. CMP)	Review of mission specific assets and capabilities	Functional evaluation of the performance of assets	Guided review of known site deficiencies	Validation of requirements addressed from previous studies
<b>Application Criteria</b>	For a newly constructed or recently capitalized site	For Service-strategic assets and locations	At request of Service	For establishing the general condition of operations at a site	For Facility Management Plan development or Project Programming	For sites with legacy inspections or modified without SRM project
<b>User</b>	DoD Fuel SME/Engineer	DoD Fuel SME/Engineer	DoD Fuel SME/Engineer	DoD Fuel SME/Engineer or other capable Fuels personnel	DoD Fuel SME/Engineer or DLA E SRM PM	DoD Fuel SME/Engineer or DLA E SRM PM
<b>Frequency</b>	1x per Application Criteria	Cyclical	As Requested by Site	As Needed	1x per previous study, then as needed	1x per previous study, then as needed
<b>Evaluation Parameters</b>	DoD Design Criteria, Environmental, Operational, Functional	Environmental, Operational, and Functional	Environmental, Operational, and Functional	Functional	Regulatory, Environmental, Operational, and Functional	Regulatory, Environmental, Operational, and Functional
<b>Outcome</b>	Deficiency list for all assets, includes DoD design deficiencies	Deficiency list for select assets only	Mission specific deficiency list	Functional requirements list	Facility Management Plan development, deficiency data warehousing	Validation of known deficiencies and execution of previous work
<b>Test Sites</b>	Location: Camp Humphreys, Korea Date: Q2-3	Location: Sunny Point, NC Date: Q2	Location: TBD Date: Q3-4	Location: All Date: Q2-4	Location: Red Hill (ongoing) Date: Q2-4	Location: Korea Army Sites Date: Q2-3

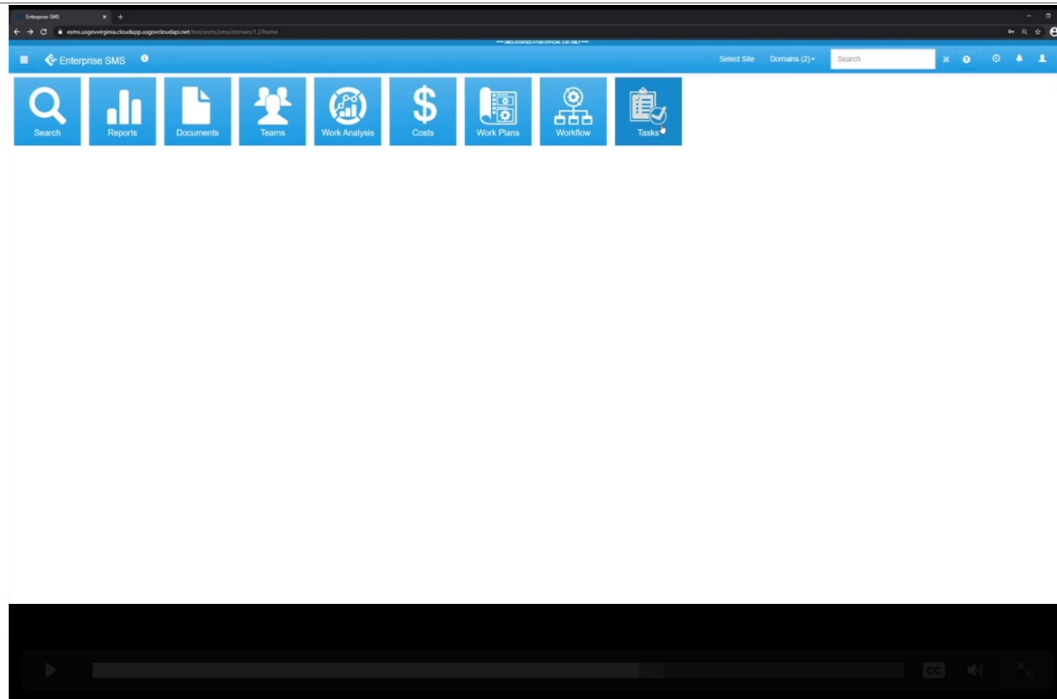


# Approval Process Flow





# Tasks





# Work Plan Charter step

Enterprise SMS | Offutt AFB | Domains (3) | Search | Last Login: 10/09/2020 16:34

## Charter

State: 1 Charter

Details | Assets | Groups | Pre-Assessment Team

**Name** Web Demo Work Plan

**Site** Test Site 7 - Offutt AFB

**Project Charter** This is for the web demo

**Domain** Fuels

**Scheme** DLA PPS Phase 1

**Pre Assessment Template** Fuels Pre-Assessment Template

**Field Assessment Template** Fuels Assessment Template

**Budget** \$ 100000.00

**Planned Assessment Date** 10/12/2020

**Date Created** 2020-10-12

**Plan Permissions**

DLA Energy Project Manager	paisley.mahern
Service Control Point (SCP)	paisley.mahern
Construction Agent PDT	paisley.mahern
DLA IS Engineer	paisley.mahern
Installation	paisley.mahern

**Created By** paisley.mahern

Edit | Delete | Save



# Pre-Assessment

## Desktop exercise

- Validate real property
- Review job orders
- Answer questions

A screenshot of the "Pre-Assessment" software interface. The top navigation bar is blue and contains the text "Enterprise SMS", "Offutt AFB", "Donations (3)", a search bar, and a "Last Login: 10/09/2020 16:34" indicator. Below the navigation bar, the main content area is titled "Pre-Assessment" and shows a "Documents" tab with "Pre-Assessment Questionnaire" and "Field Assessment Team" options. A table with five columns is visible: "Facility", "Component", "Type", "Question", and "Answer". Each column has a "Filter" button. Below the table, it says "No Results Found". The interface is clean and professional, with a light blue and white color scheme.

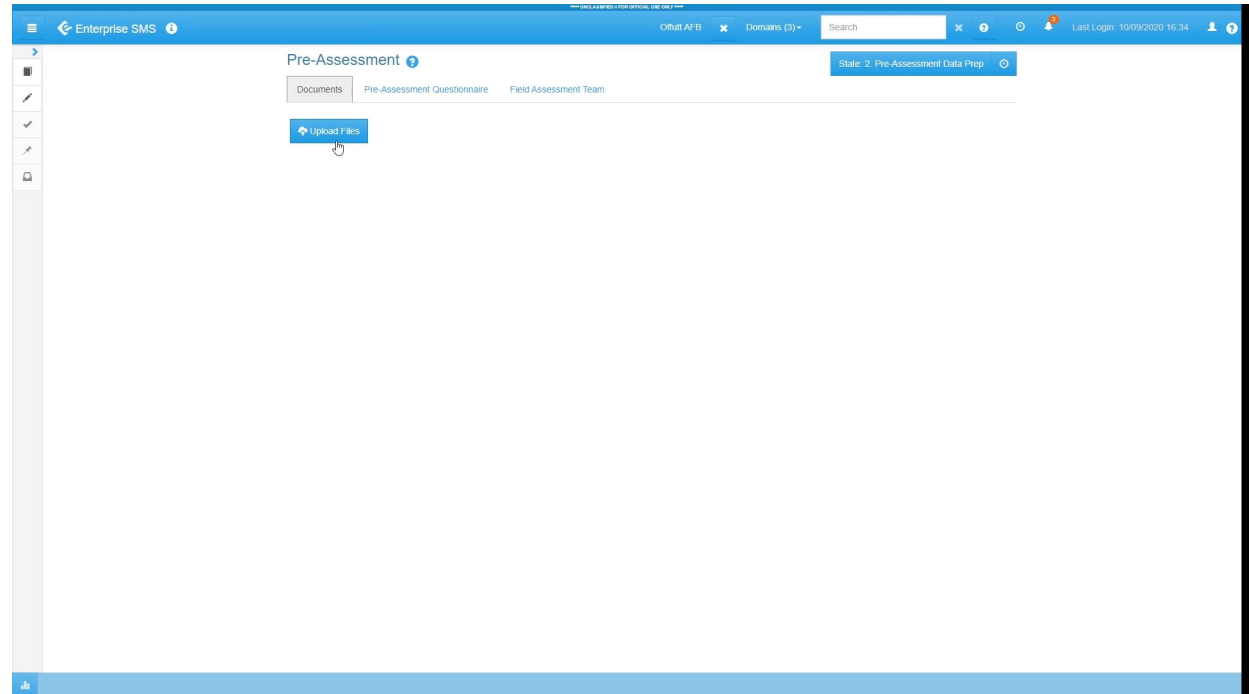




# Pre-Assessment

## Document Management

- Upload drawings





# Assessment Team Management

## Roles

The screenshot displays the "Enterprise SMS" interface, specifically the "Pre-Assessment" section. The "Field Assessment Team" tab is active. A context menu is open over the "Add" button, showing options for "CA", "SCP", "Installation", and "DLA IS Eng", each with "Approve" and "Reject" buttons. The main content area shows a table with one row for the "Assessor" role, with columns for "Allow Full Desktop", "Remove", and "Manage Disciplines". The table currently displays "No Results Found".

Enterprise SMS

Offutt AFB Domains (3) Search

State: 2 Pre-Assessment Data Prep

CA Approve Reject

SCP Approve Reject

Installation Approve Reject

DLA IS Eng Approve Reject

Pre-Assessment

Documents Pre-Assessment Questionnaire Field Assessment Team

Add

Assessor Allow Full Desktop Remove Manage Disciplines

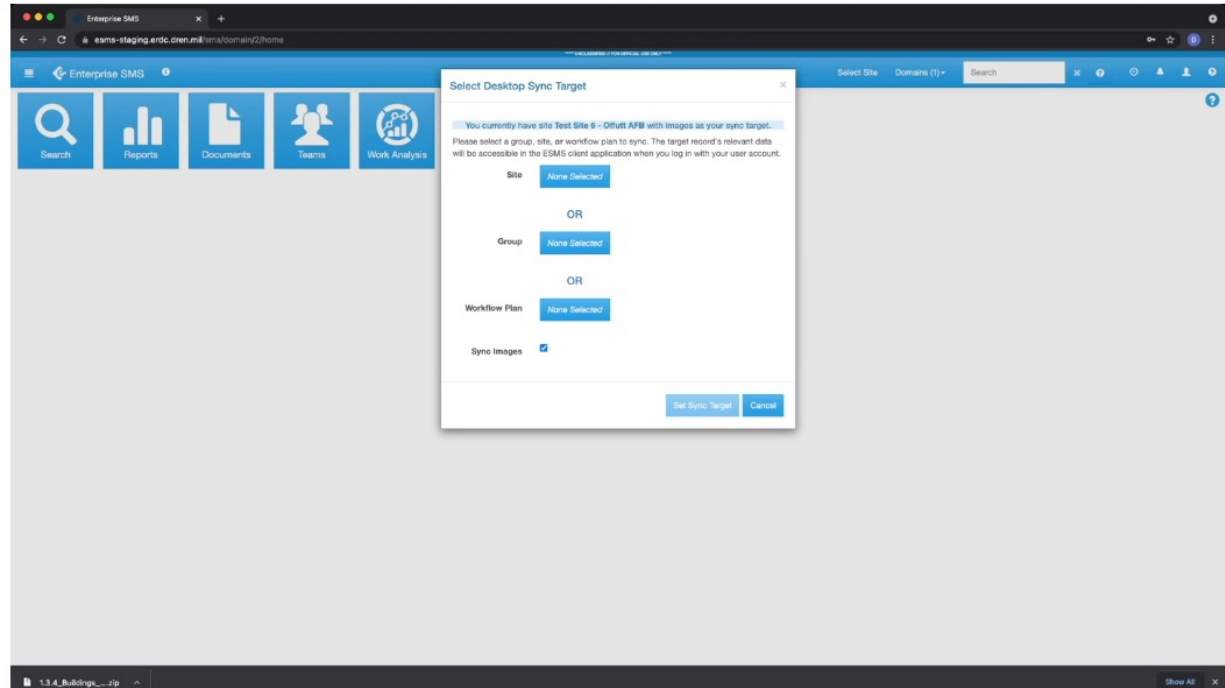
No Results Found

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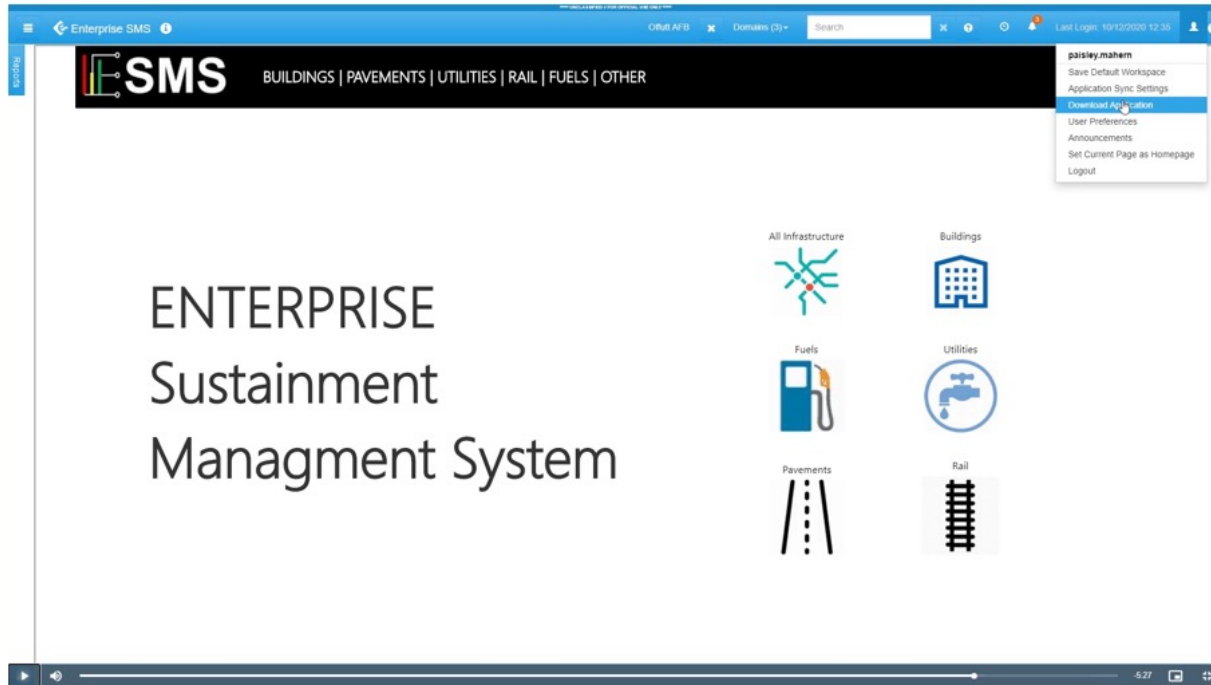


# Desktop Application (Data Entry Application)

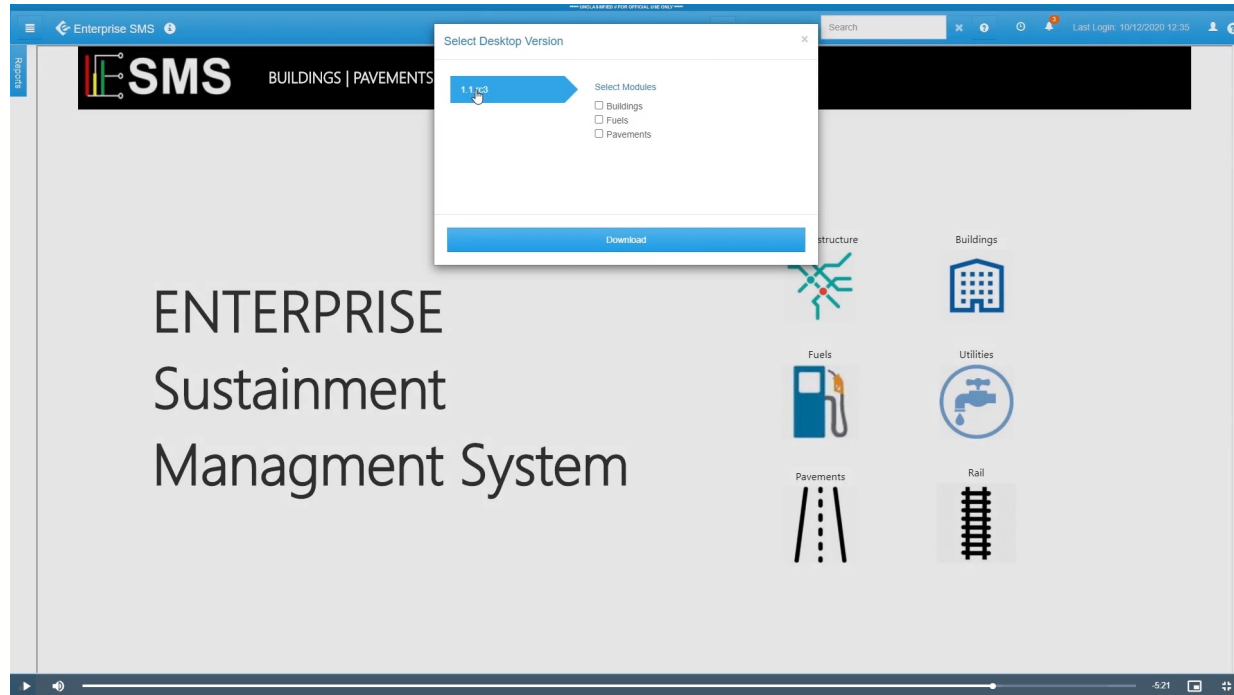
Set a Sync Target



# Download from the web-application

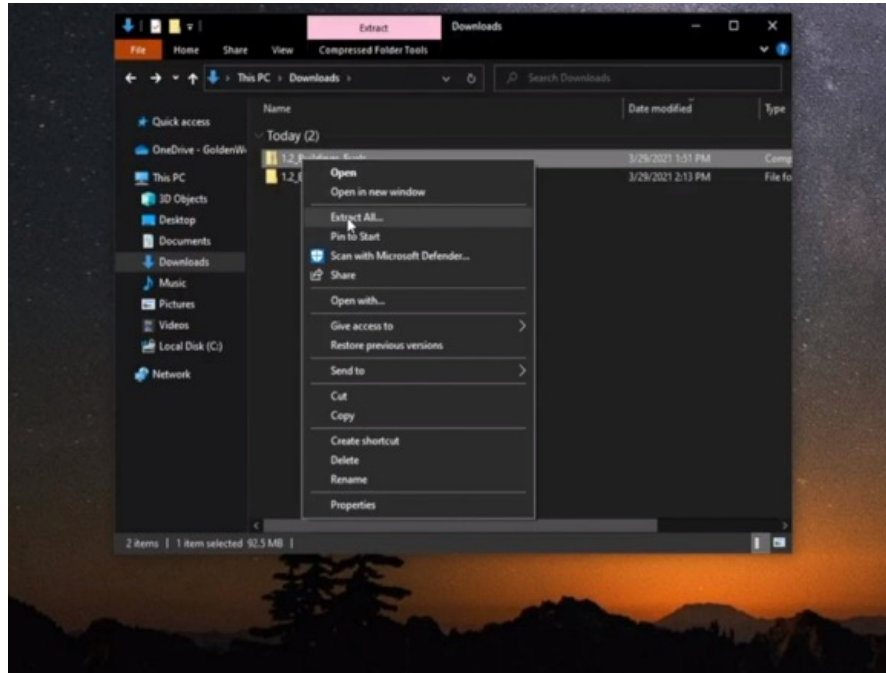


# Identify the Modules to include



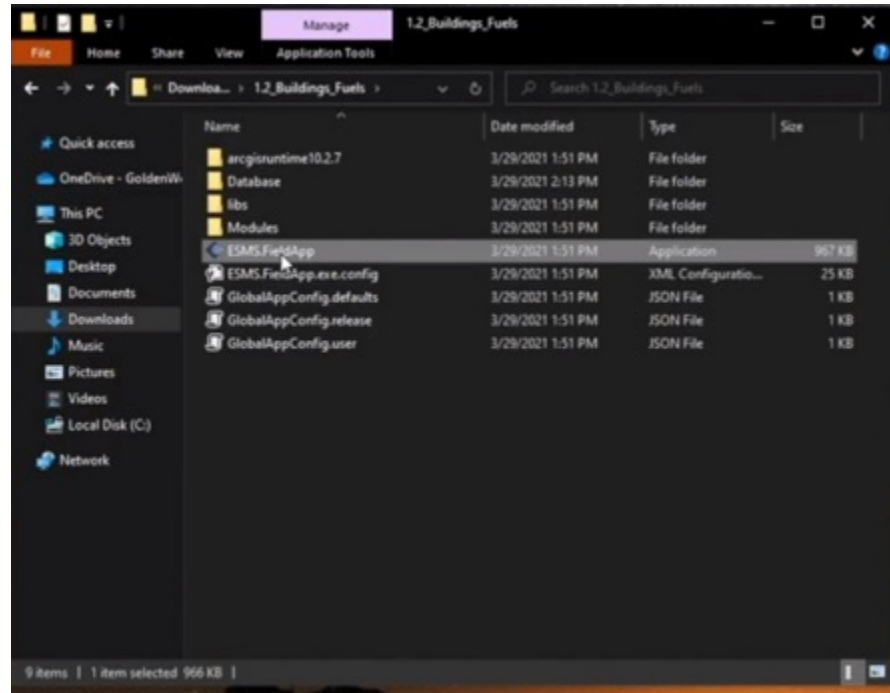


# Find the downloaded zip and “extract files”





# Find the “ESMS FieldApp.exe”





# Fuels Module

Enterprise SMS Desktop - 1.1.0 - eismstaging\_paisley.mahem.sqite

Home Assets Assessments Work Plans Tools Reports Help

Sync Import Facilities Groups Maps Diagrams Domain Selectors Tablet Mode View Help

Data Management Selectors

Navigation

Fuels Systems x

8/13/2019 4:18:11 PM

Search

Name	Type	FI
MACAS CHERRY POINT MAIN BASE		
RAILHEAD		
1959 Railhead Fuel Tank Unload Facility	RECEIPT	38
Railhead Pump Station	PUMP STATION	33
Railhead Support Facilities (FOS)	MISC SUPPORT FA...	0
TANK FARM A - Service		
4352 Mogas Fuel Storage Tank	AST-FIELD FABRICA...	20
4353 Diesel Fuel Storage Tank	AST-FIELD FABRICA...	20
4354 Bulk Heating Fuel Storage Tank	AST-FIELD FABRICA...	20
4355 JPS Fuel Storage Tank	AST-FIELD FABRICA...	20
4416 Canopy Truck Offload FOB 2.2	MISC SUPPORT FA...	0
4416 JPS Fillstand	FILLSTAND	12
4416 Mogas Fillstand	FILLSTAND	23
4417 Canopy Truck Offload FOB 2.3	MISC SUPPORT FA...	0
4417 JPS Truck Offload	RECEIPT	38
4417A Mogas Truck Offload	RECEIPT	17
4417B Diesel Truck Offload	RECEIPT	38
4417C Bulk Heating Fuel Truck Offload	RECEIPT	38
4418 Service Station	SERVICE STATION	10
HYDRANT SYSTEM		
TANK FARM A Hydrant System	HYDRANT SYSTEM	0
TANK FARM A - Support		
210252 Parking Areas 4221, 4803, 4004	MISC SUPPORT FA...	0
210253 Pavement Roads Within Tank Farm A	MISC SUPPORT FA...	0
210723 Fencing Tank Farm A and C	MISC SUPPORT FA...	0
4221 Fuel Laboratory / Operations Building	FUEL LABORATORY	10
4430 BOM Operations Building	MISC CLIBORT FA...	0





# Buildings

Builder Summit Software Interface - Buildings View

**Navigation:** Home, Assets, Assessments, Work Plans, Tools, Reports, Help

**Facilities:** Sync, Import, Data Management

**Groups:** Facilities, Groups, Domain Selectors, Selectors

**Tablet Mode:** View Help

**View Component:** View Component, Assessment Set List, View Facility

**Basic Properties:**

Fac Code: 8511 - Road Surface

Cat Code: 851140 - DRIVEWAY

Name	RPUD	Number	CI	FCI	FI
ASPHALT DR...	1098538	661	0	100	0
ASPHALT DR...	1098548	661	0	100	0
ASPHALT DR...	1098538	661	0	100	0
ASPHALT DR...	1098538	661	0	100	0
ASPHALT DR...	1098538	661	0	100	0
ASPHALT DR...	1098538	661	0	100	0
Age IP-B Tank	TBD12	0	0	0	0
Bio-Cleat T...	TBD01	0	0	0	0
CATHODIC P...	TBD13	0	0	0	0
OVERS UNCL...	502911	136	0	100	0
Exterior Light...	FCB3.1.1	0	0	0	0
Exterior Light...	FCB3.1.1	0	0	0	0
FENCE	1098705	133	0	100	0
HYDR FLBLDG	504540	441	0	100	0
HYDR FLBLDG	501886	531	0	100	0
HYDR FLBLDG	501886	531	0	100	0
HYDR FLBLDG	501886	531	0	100	0
HYDRANT FU...	1166235	77	0	99	0
HYDRANT FU...	504540	391	0	100	0
Hydrant Tank 4	TBD04	0	0	0	0
INDUSTRIAL...	BU337.6	0	0	0	0
INDUSTRIAL...	BU417.4	0	0	0	0
INDUSTRIAL...	FC51.1.75	0	0	0	0
Industrial Wa...	BU322.7	0	0	0	0
LIQUID FUEL...	BU417.2	0	0	0	0
LIQUID FUEL...	BU417.3	0	0	0	0
LOADING RA...	500218	482	0	100	0
LOADING RA...	500218	482	0	100	0
Liquid Fuel Lo...	FCB3.6	0	0	0	0
Liquid Fuel Lo...	FCB3.8	0	0	0	0
Miscellaneous...	502903	236	0	100	0
Mages SCAT...	361	0	0	0	0
OPERATING S...	1166281	84	0	100	0

# Tablet View

Fuels Systems
Facilities

Expand All
Collapse All

CI 6/13/2021 4:01:3... FI 6/13/2021 4:24:2...

Search

Name	RPUID	Num...	CI	FCI	FI
HYDR F...	5018...	531		100	0
HYDRA...	1166...	77	11	86	0
HYDRA...	5045...	391		100	0
Hydrant...	TBD04	0	0	0	0
INDUST...	RU3...			0	0
INDUST...	RU4...			0	0
INDUST...	FOS...			0	0
Industri...	RU3...			0	0
LIQUID...	RU4...			0	0
LIQUID...	RU4...			0	0
LOADIN...	5002...	482		100	0
LOADIN...	5002...	482		100	0
Liquid F...	FOB...			0	0
Liquid F...	FOB...			0	0
Miscella...	5029...	326		100	0
Mogas...	361			0	0
OPERAT...	1166...	82	0	94	0
OPERAT...	1166...	85		100	0
OPERAT...	1166...	84	0	100	0
OPERAT...	NEW...			0	0
OPERT1...	1166...	83		100	0
OPG ST...	5045...	447		100	0
OPG ST...	5045...	444	0	100	0
Tank 5					
OPG ST	5045	466		100	0

Assessment
Direct Rating
Work Item
Distress Survey
Assessment Set List

Expand All
Collapse All
Show Answered
Hide Answered

Tank 5

6/13/2021 4:24 PM
Fuels Assessment Template

☒ Tank - General (0/2) - 0% Mark All: Yes No N/A

☒ Automatic Tank Gauge (0/1) - 0% Mark All: Yes No N/A

☒ Tank is equipped with an approved and operable Automatic Tank Gaging system and is (0/1) - 0% interfaced with F

Yes No N/A Clear

☒ Adequate Lighting (0/1) - 0% Mark All: Yes No N/A

☒ Adequate lighting is installed in tank area. (0/1) - 0%

Yes No N/A Clear

☒ Tank Spacing (0/1) - 0%

☒ Tank Spacing (0/1) - 0%

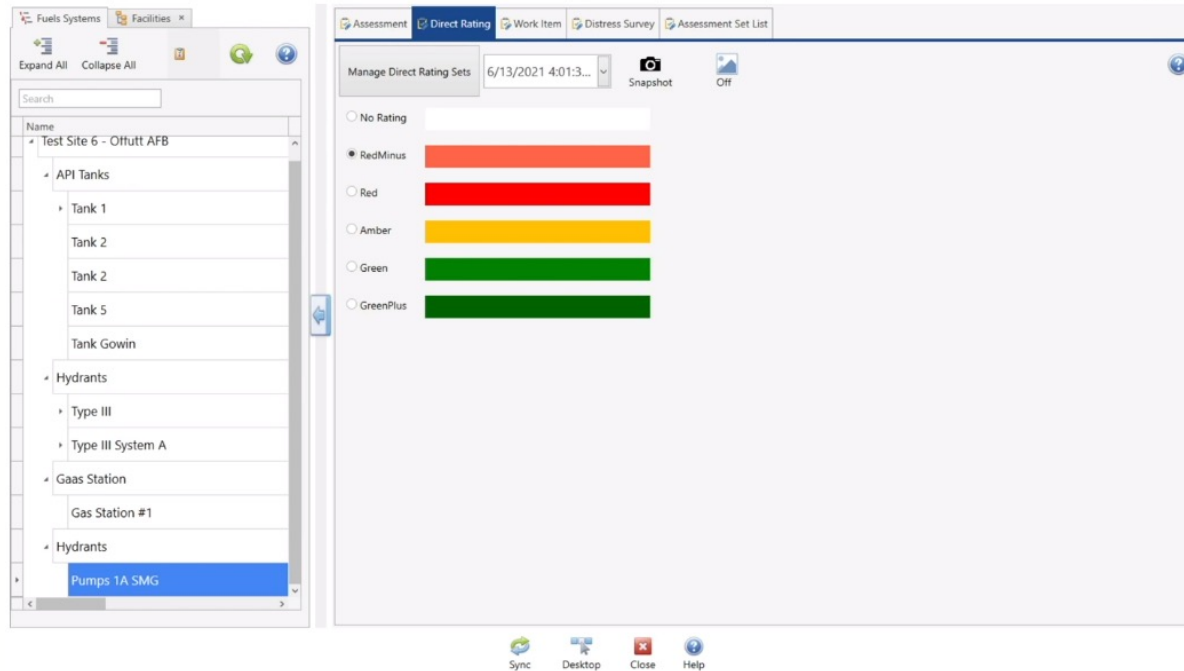
Horizontal tanks are spaced in accordance with UFC requirements. (5 feet between tanks in pair, 10 feet between adjacent pairs, 20 feet between groups of pairs in a row, 20 feet between rows)

Clear

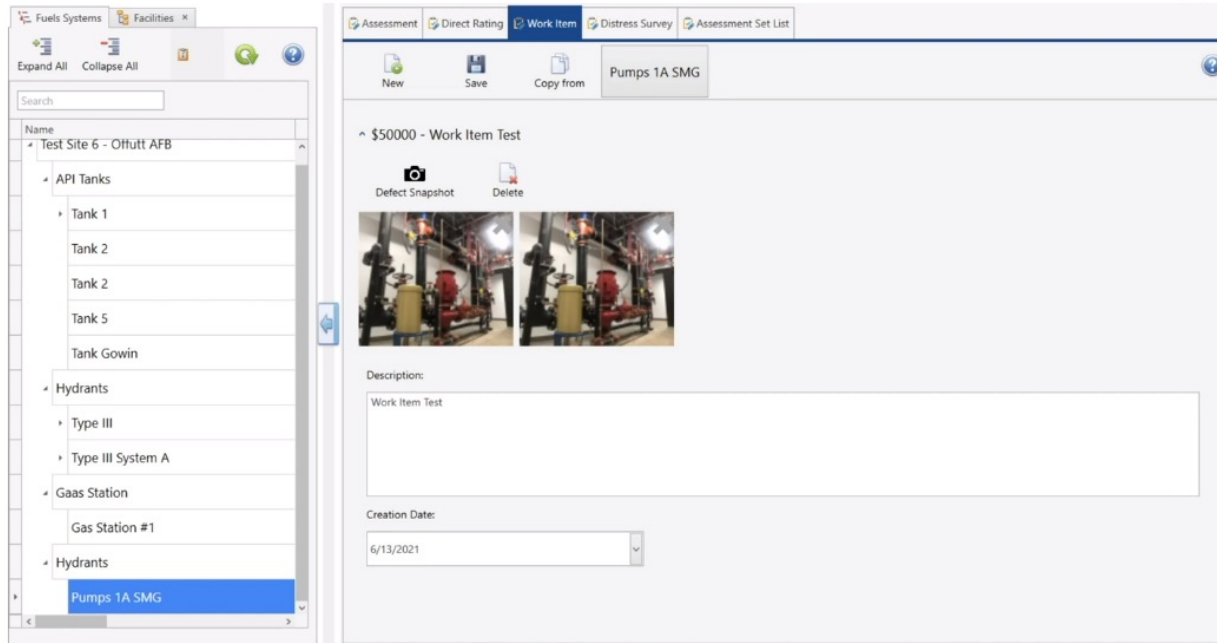
Sync Desktop Close Help



# Direct Ratings

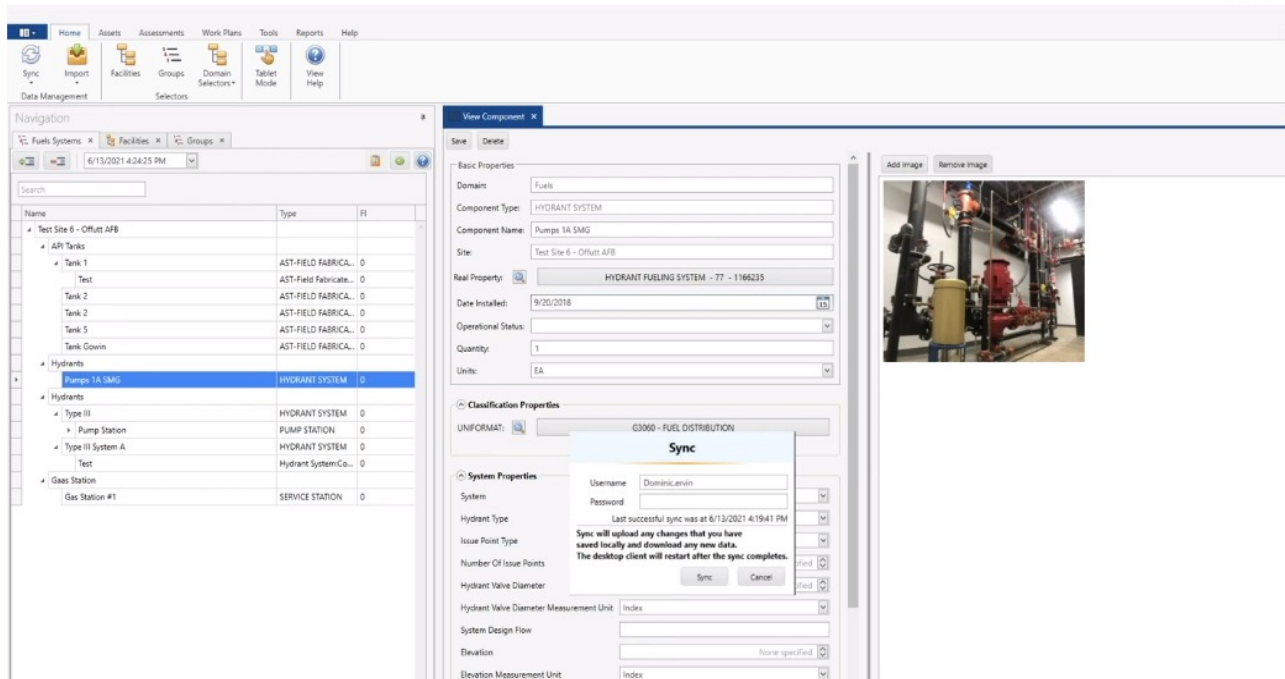


# Custom Work Items



The screenshot displays the Builder Summit software interface. On the left, a sidebar shows a tree view of facilities under the 'Facilities' tab. The tree includes 'Test Site 6 - Offutt AFB', 'API Tanks' (with sub-items Tank 1, Tank 2, Tank 2, Tank 5, and Tank Gowin), 'Hydrants' (with sub-items Type III and Type III System A), 'Gaas Station' (with sub-item Gas Station #1), and 'Pumps 1A SMG' (which is selected and highlighted in blue). The main window shows the 'Work Item' form for 'Pumps 1A SMG'. The form has tabs for 'Assessment', 'Direct Rating', 'Work Item', 'Distress Survey', and 'Assessment Set List'. The 'Work Item' tab is active. The form includes a 'New' button, a 'Save' button, and a 'Copy from' button. Below these is a dropdown menu showing 'Pumps 1A SMG'. The main content area displays a tree view of work items, with '\$50000 - Work Item Test' selected. Below this, there are two columns of images showing industrial equipment. The 'Description' field contains the text 'Work Item Test'. The 'Creation Date' field shows '6/13/2021'.

# Don't forget to Sync



The screenshot displays the Builder Summit software interface. On the left, a navigation pane shows a tree view of assets, including 'Test Site 6 - Offsite AFB' and 'Hydrant 1A SMG'. The main window shows the 'View Component' form for 'Hydrant 1A SMG'. A 'Sync' dialog box is open in the center, prompting the user to enter a username and password. The dialog also displays the last successful sync time and a message: 'Sync will upload any changes that you have saved locally and download any new data. The desktop client will restart after the sync completes.' The background form includes fields for 'Basic Properties' (Domain, Component Type, Component Name, Site, Real Property, Date Installed, Operational Status, Quantity, Units) and 'Classification Properties' (UNIFORMAT, C3000 - FUEL DISTRIBUTION). A 'System Properties' section is also visible, containing fields for System, Hydrant Type, Issue Point Type, Number Of Issue Points, Hydrant Valve Diameter, Hydrant Valve Diameter Measurement Unit, System Design Flow, Elevation, and Elevation Measurement Unit. An image of the hydrant system is shown on the right side of the form.



# Work Analysis

## Policy

The screenshot displays the 'Enterprise SMS' web application interface. The top navigation bar includes 'Select Site', 'Domains (2)', and a search bar. The main menu on the left lists various policy types: 'Uniform Rule', 'DLA Energy Policy', 'DoD Policy', 'Domain Rule', 'Failing Policy', 'CERL Policy', and 'component type'. The 'new policy' option is selected and highlighted in blue.

The main content area is titled 'new policy' and features a 'Standard Scope' tab. It contains a table with columns for various inspection and repair activities. The table lists several standards, including 'Standard 3', 'Standard 23452345', 'Standard 3', 'Standard 4', 'Standard 5', and 'Default'. Each row shows a grid of plus (+) and minus (-) icons indicating the status of different activities.

Below the table, there are buttons for '+ Add Standard', 'Edit Standard', and 'Delete Standard'. At the bottom, a 'Rules' section is visible, showing a rule configuration for 'Standard 3' with a 'Projected CI' value of 0.

	Repair	Inspection - Distress Survey	Global Repair	Maintain	Add/Install	Corrective Maintenance	Demolish	Inspect	Replace	Paint	Local Repair	Stop Gap	Inspection	Inspection - Direct Rating	Inspection - Dist Sur w/ Qui
Standard 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 23452345	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Standard 5	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Default	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+



# Work Analysis

Profile:  
New  
Scenario

The screenshot shows the 'Enterprise SMS' web application interface. The top navigation bar includes 'Policy', 'Priority', 'Profile', 'Work', 'Queue', and 'Reports'. The 'Profile' tab is active. On the left, a sidebar lists various profiles, with 'New Profile 15 (KK)' selected. The main content area is titled 'New Profile 15 (KK)' and contains several configuration fields:

- Start Year:** 2021
- End Year:** 2026
- Cost Book:** Demo Costbook
- Cost Modifier Book:** Example Modifier
- Policy:** Uniformat Rule
- Prioritization:** CERL Priority
- Domains:** Buildings, Fuels, Pavements
- Scopes:** [Organizations]: DLA, Army National Guard, Air Force Reserve, USACE, Air Force Reserve Command, AMC
- Funding Sources:** new, usace1, DLA2, new fund, AMC1, ang3, dae1, ang1

Buttons for 'Generate Work' and 'Delete Profile' are located in the top right corner of the configuration area.



# Work Plans

Enterprise SMS

https://esms-staging.erdcdren.mil/sms/site/N5k7BpUfgEmuWgoMzMXbTQ/domain/2,3,4/workplans/list

Enterprise SMS

Offutt AFB Domains (3)

Search

Last Login: 10/09/2020 16:34

### Work Plans

+ Create Plan

Name	Date	Budget	Domain	Organization	Site	Workflow
NAS Patuxent River FCA	September 9th 2019	200000	Fuels	Navy Active	NAVAL AIR STATION PATUXE...	Yes
Test Work Plan for Add Assets	September 4th 2020	1000	Fuels	DLA	FORT BELVOIR - DAVISON A...	No
MCAS Cherry Point FCA	August 26th 2019	200000	Fuels	Marine Corps Act...	MCAS CHERRY POINT MAIN...	Yes
Belvoir Desk Audit 2020	September 3rd 2020	6000	Fuels	DLA	FORT BELVOIR - DAVISON A...	Yes
ALF BOGUE FCA	August 26th 2019	20000	Fuels	Marine Corps Act...	ALF BOGUE	Yes
BEL Desk Audit 2020	September 3rd 2020	6000	Fuels	DLA	FORT BELVOIR - DAVISON A...	Yes
ALF Bogue TEST	August 26th 2019	15000	Fuels	Marine Corps Act...	MCAS CHERRY POINT MAIN...	Yes





# Create a Work Plan

Enterprise SMS

https://esms-staging.erc.dren.mil/sms/site/N5k7BpUfgEmuWgoMzMXbTQ/domain/2,3,4/workplans/list

Enterprise SMS

Last Login: 10/09/2020 16:34

### Create Plan

Site:

Planned Assessment Date:

Domain: **Fuels**

Budget:

Name:

Charter:

Workflow: ☐ Enabled

Create Close

11:50 AM  
10/12/2020



# If you Enable WorkFlow...

The screenshot shows a web browser window with the URL `https://esms-staging.erc.dren.mil/sms/site/NSk78pUlgEmuWgoMzMXbTQ/domain/2.3.4/workplans/list`. A modal dialog titled "Create Plan" is open, displaying various configuration fields for a new plan. The fields are organized into two columns. The left column includes "Site" (a dropdown menu), "Domain" (a dropdown menu with "Fuels" selected), "Budget" (a text input field with a red border and a message "Budget should have some value"), "Name" (a text input field with a red border and a message "Name must be 2 to 100 characters long"), and "Charter" (a large text area with a red border and a message "Charter must be at least 2 characters long"). The right column includes "Planned Assessment Date" (a date picker showing "mm/dd/yyyy"), "Workflow" (a checkbox labeled "Enabled" which is checked), "Workplan Category" (a dropdown menu with "None Selected" and a message "You must select a category"), "Scheme" (a dropdown menu with "None Selected" and a message "You must select a scheme"), "Pre Assessment Template" (a dropdown menu with "None Selected" and a message "You must select a template"), "Field Assessment Template" (a dropdown menu with "None Selected" and a message "You must select a template"), and "Permissions" (a dropdown menu with "Permissions" selected). At the bottom right of the dialog are "Create" and "Close" buttons.

Enterprise SMS

https://esms-staging.erc.dren.mil/sms/site/NSk78pUlgEmuWgoMzMXbTQ/domain/2.3.4/workplans/list

Enterprise SMS

Last Login: 10/09/2020 16:34

### Create Plan

Site: [Dropdown]

Planned Assessment Date: mm/dd/yyyy

Domain: Fuels

Workflow: ☒ Enabled

Budget: [Text Input] Budget should have some value.

Workplan Category: [Dropdown] None Selected You must select a category.

Name: [Text Input] Name must be 2 to 100 characters long.

Scheme: [Dropdown] None Selected You must select a scheme.

Charter: [Text Area] Charter must be at least 2 characters long.

Pre Assessment Template: [Dropdown] None Selected You must select a template.

Field Assessment Template: [Dropdown] None Selected You must select a template.

Permissions: [Dropdown] Permissions

Create Close



# Work

Enterprise SMS

Policy Priority Profile **Work** Queue Reports

Search

- New Profile
- New Profile 23
- New Profile
- New Profile
- New Profile
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15 (OK)
- New Profile 15
- New Profile
- Fund Test
- Fund Test
- Built to Fail
- CERL Profile 5
- Uniformat Rule**
- Domain Rule Fuels

### Uniformat Rule

Created On 03/02/2021 Created By anna.shuchman Managed On 03/03/2021 Managed By joseph.karlantz Status Succeeded

Object Name	Activity	Priority	Cost	Asset Name	Domain	Type	Site	Year
PRIMARY UNDERGROUND...	None	0	0	FOS-CANOP...	Fuels	eUGPrimar...	Tyndal AFB	2021
PAD-MOUNTED	None	0	0	PRM DISTR ...	General...	eTransform...	HURLBURT ...	2021
WALK LIGHT	None	0	0	FOS-CANOP...	Fuels	eExteriorLi...	Tyndal AFB	2021
POTABLE WATER VALVE	None	0	0	FOS	General...	wControlVa...	HURLBURT ...	2020
WALK LIGHT	None	0	0	FOS-CANOP...	Fuels	eExteriorLi...	Tyndal AFB	2021
HANDHOLE	None	0	0	FOS-CANOP...	Fuels	eAccessPol...	Tyndal AFB	2019
SECONDARY UNDERGROUN...	None	0	0	FOS-CANOP...	Fuels	eUGSeccon...	Tyndal AFB	2020
NON-POTABLE WATER VALVE	None	0	0	FOS-CANOP...	Fuels	wControlVa...	Tyndal AFB	2019
CURB INLET	None	0	0	FOS-CANOP...	Fuels	drilet	Tyndal AFB	2021



# Work Detail

**Work Item Details**

**General**

Work Item Name	Misc Support Facilities - Fence	Target Component	Misc Support Facilities - Fence
Deficiency	None	Cost	3,300
Creation Date	08/27/2019	Completion Date	08/19/2019
Reference	None		

**Description**

Parking south street from 4603 also part of facil

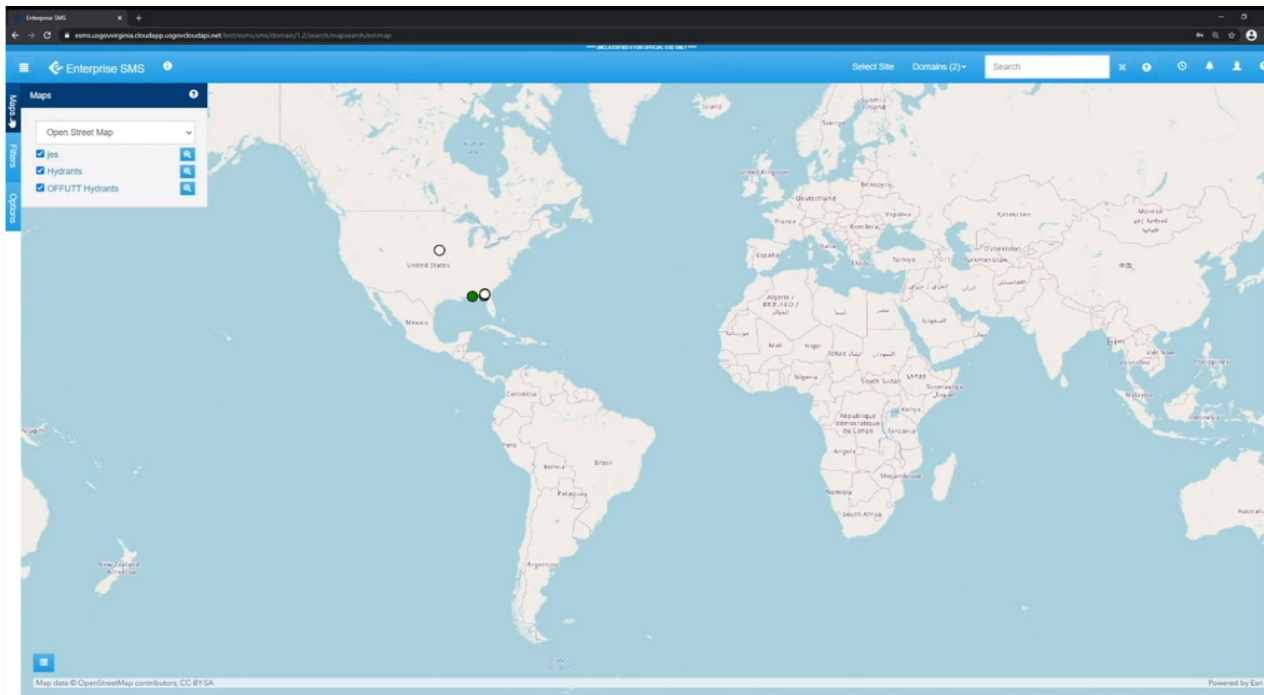
**Fuels Details**

Current Situation	Asphalt pavement is degraded. Many mi...	Regulatory Requirement	Maintenance of gov't facilities.
Scope of Work	Route and seal cracks - 1200 LF. Remov...	Impact	Pavement will continue to degrade until I...

Close



# Map





# Work Package

Enterprise SMS UNCLASSIFIED // FOR OFFICIAL USE ONLY Select Site Domains (1) Search Last Login: 10/08/2020 14:36

## Work Packages ?

State: 6. Packaging

SRM + 📄 🕒 📁 🔄 Work Items Filter Work Package

Work Description	Package	Cost	Date	RPUID	Facility	Add/Remove
<span>Filter</span>	<span>=</span> SRM	<span>=</span> Filter	<span>=</span> mm/dd/yyyy <span>📅</span>	<span>=</span> Filter	<span>=</span> Filter	
Repair Asphalt Pavement	SRM	10000	August 20th, 2019	1242377	210723	-
Replace lighting.	SRM	10000	January 1st, 1970	22253	4416	-
Building does not have lightning protection.	SRM	5000	January 1st, 1970	19067	4650	-
Replace lighting.	SRM	5000	January 1st, 1970	20718	1899	-
Modify the Fuels Lab to have a recessed...	SRM	0.1	June 9th, 2020	22253	4416	-



# Searching

Enterprise SMS

esms-staging.erdic.dren.mil/sms/domain2/search/facility

Enterprise SMS

Select Site Domains (1) Search

Facilities 106 Groups 27 Components 38 Assessments 20 Work 4

RPURID	Number	Name	Quantity	UoM	Year Const.	CI	FCI	EFCl	FI	PI	MDI
502899	322	VEHICLE FUELING...	4000	GA	10/23/2009	100	100	100	100	100	
502911	337	VEH FL STN	0	GA	10/23/2009	100	100	100	100	100	
	TBD08	VEHICLE PARKING...	4444	SY	10/23/2009	100	100	100	100	100	
501886	531	HYDR FL,BLDG	0	GM	10/23/2009	100	100	100	100	100	
500222	486	PMP STN, LF	0	OL	10/23/2009	100	100	100	100	100	
500222	486	PMP STN, LF	0	OL	10/23/2009	100	100	100	100	100	
502911	337	VEH FL STN	10000	GA	10/23/2009	100	100	100	100	100	
	NEWAST	OPERATING STOR...	0	GA	10/23/2009	100	100	100	100	100	
	TBD01	Bio-Diesel Tank - D...	0	GA	10/23/2009	100	100	100	100	100	
504545	446	PMP STN, LF	36	SF	10/23/2009	100	100	100	100	100	
1098538	661	ASPHALT DRIVEWAY	60	SY	09/11/2012	100	100	100	100	100	
	RU322.5	Vehicle Fueling Stat...	1	OL	07/06/2018	100	100	100	100	100	
502899	322	VEHICLE FUELING...	2	OL	10/23/2009	100	100	100	100	100	
501914	558	PMP STN, LF	0	OL	10/23/2009	100	100	100	100	100	
502874	299	Pad	96	SY	04/14/2018	100	100	100	100	100	
417601	29068	29068				100	100	100	100	100	
501886	531	HYDR FL,BLDG	1822	SF	10/23/2009	100	100	100	100	100	
1166235	77	HYDRANT FUELIN...	4	OL	02/28/2014	100	100	100	4	100	
502899	388	UNDERGROUND ...	1000	GA	04/15/2014	100	100	100	100	100	
	TBD04	Hydrant Tank 4	0	GA	10/23/2009	100	100	100	100	100	
	FOR1.1,09	OVERHEAD PROT...	2482	SF	02/28/2014	100	100	100	100	100	
	RU337.5	Vehicle Fueling Stat...	1	KG	07/06/2018	100	100	100	100	100	
	FOR3.6	Liquid Fuel Loading...	1	OL	07/01/2018	100	100	100	100	100	
502903	328	Miscellaneous Ops...	81	SF	09/11/2012	100	100	100	100	100	



# Data Fields to Display

Enterprise SMS

Select Site Domains (2) Search

Fields Groups (142) Components Assessments Work (4000)

☒ RPUID ☒ Number ☒ Name ☐ Site ☐ Asset Class ☐ Status ☒ Quantity ☒ UoM ☒ Year Const. ☐ PRV ☒ CrV ☒ FCi ☒ FI ☒ PI ☒ MDi

Apply Fields Clear Fields

Name	Quantity	UoM	Year Const.	CI	FCI	FI	PI	MDi
LANDFILL SCALES	1		08/31/1998	100	100	100	100	0
WELL #1				100	100	100	100	
3 GUILFORD	1258		07/06/1982	100	100	100	100	0
WELL #2B				100	100	100	100	
ASPHALT DRIVEWAY	65	SY	09/11/2012	100	100	100	100	
1100 1102 1104 1106 ...	5626		12/13/2007	100	100	100	100	0
GENERATOR BLDG				100	100	100	100	
VEHICLE FUELING S...	4000	GA	10/23/2009	100	100	100	100	
Age JP-8 Tank	0	GA	10/23/2009	100	100	100	100	
PIPELINE, LF	1575	LF	10/23/2009	100	100	100	100	
(MACS-2) AUTOMOB...	1		03/09/1983	100	100	100	100	0
GATE				100	100	100	100	
LOADING RAMP	0	OL	10/23/2009	100	100	100	100	
(MCCS) GROUNDS ...	1200			100	100	100	100	0
CIVIL ACTION 472 0...	0.2			100	100	100	100	0
4107 4109 OAK DRIVE	2814		12/20/2007	100	100	100	100	0
MEDICAL STORAGE-...	311		06/30/1994	100	100	100	100	0
SEPTIC TANK	500		12/31/1986	100	100	100	100	0
PAVEMENT AREAS (...)	5382.27		04/19/1982	100	100	100	100	0
EASEMENT PARCEL ...	12.47			100	100	100	100	0
STORM WATER PON...	0.05			100	100	100	100	0
VEH FL STN	0	GA	10/23/2009	100	100	100	100	
HYDR FL BLDG	0	GA	10/23/2009	100	100	100	100	





# Search Filters

Enterprise SMS

Filters

Groups 147

RPUID

Number

Site

Status

Min to Max

Quantity

Min to Max

UoM

Year Const.

Min to Max

PRV

\$ Min to \$ Max


CI

Min to Max

Name	Quantity	UoM
LANDFILL SCALES	1	
WELL #1		
3 GUILFORD	1258	
WELL #2B		
ASPHALT DRIVEWAY	65	SY
1100 1102 1104 1106 ...	5626	
GENERATOR BLDG		
VEHICLE FUELING S...	4000	GA
Age JP-8 Tank	0	GA
PIPELINE, LF	1575	LF
(MACS-2) AUTOMOB...	1	
GATE		
LOADING RAMP	0	OL
(MCCS) GROUNDS ...	1200	
CIVIL ACTION 472 0...	0.2	
548886	5056	
4107 4109 OAK DRIVE	2814	
19140	4426	
21677	4047	
SEPTIC TANK	500	

# Export a CSV

	NOTES	LIQUID FUEL BURN...		CE
502899	RU322-02	RU-UNDERGROU...	2000	GA
504566	466	OPG STOR,MOGAS	20000	GA
504367	690	PIPELINE, LF	1575	LF
1098538	661	ASPHALT DRIVEWAY	275	SY
502979	585	PETROL OPS BLDG	4688	SF
500044	400	DIESEL UNDERBO	40000	GA

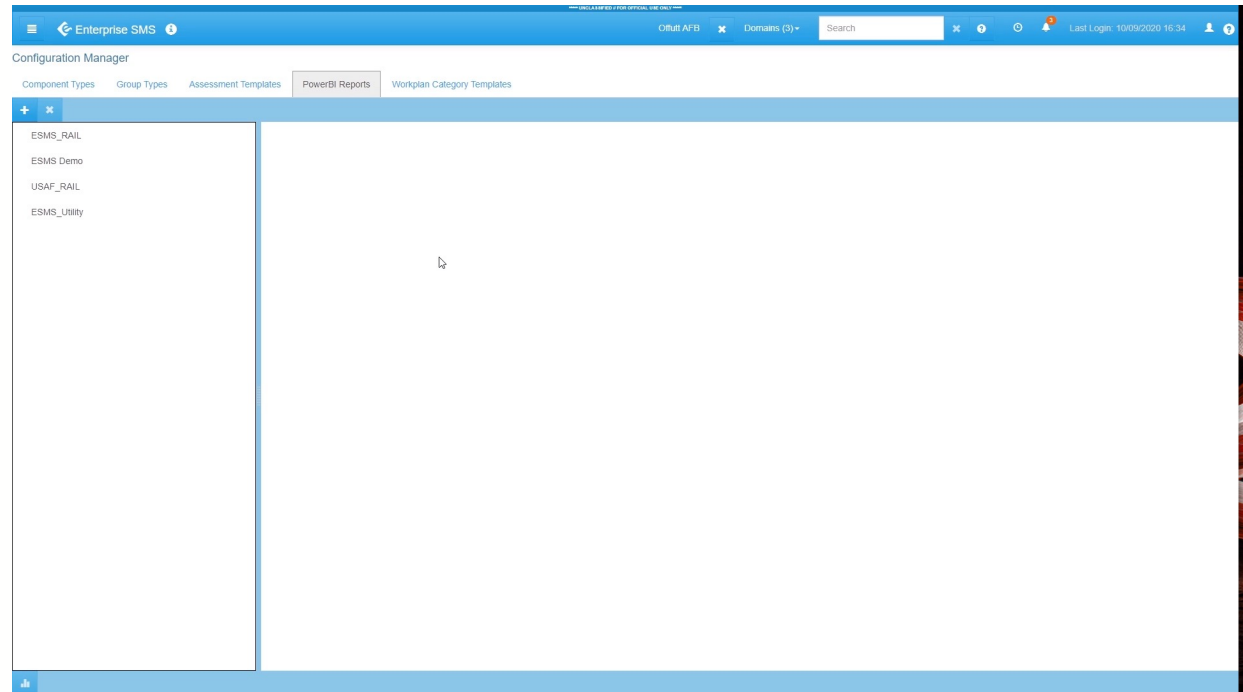


Generating file



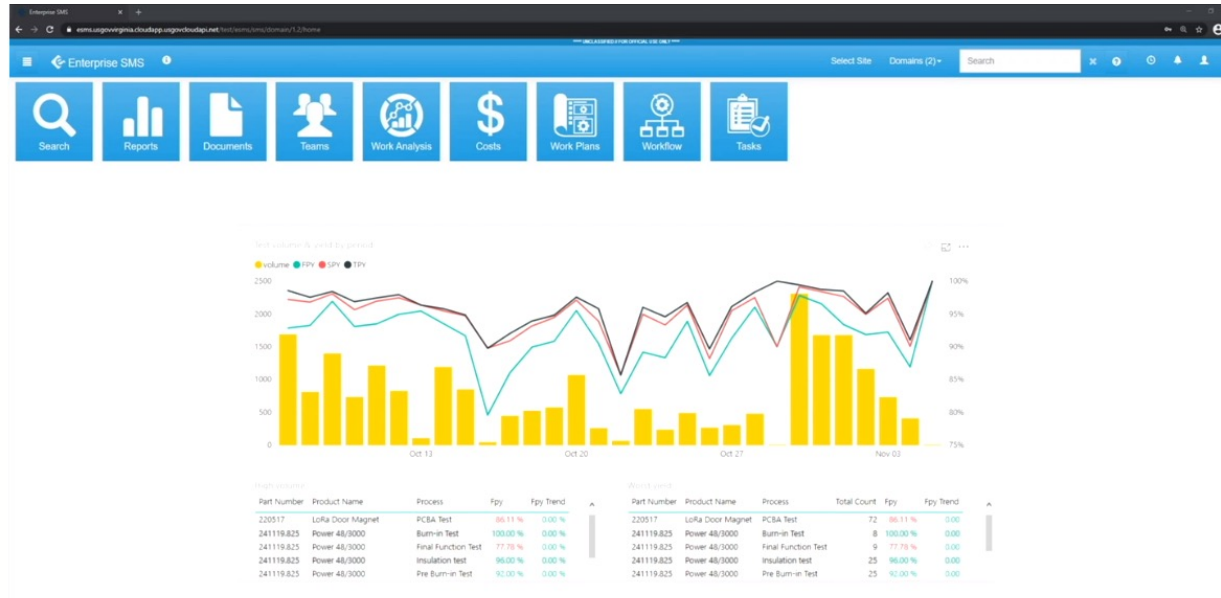
# Reports

Select from  
multiple report  
options





# Reports





# AF Utilities Update

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