EQuIS Data Gathering Engine & EQuIS Collect

EarthSoft Field Collection

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AGENDA

- Comparison EDGE and Collect
- EQuIS Data Gathering Engine (EDGE)
  - Workflow
  - Function & Features
  - Enterprise Field EDD
- EQuIS Collect
  - Workflow
  - Function & Features
  - Enterprise Collect

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Field Collection Software

- EDGE – Runs on laptops, and Windows tablets
  - Users need more training than Collect users.
- Collect - Runs on phone, iPads, Android, iOS

- Form layout preferences
  - EDGE forms looks more like a paper form
  - Collect forms are single column fields designed for mobile data entry and swiping

- EDGE – data are uploaded at the end of the day or sampling event
- Collect - data can be immediately reviewed by the managers in the office as data are being collected in the field
- Collect allows end users to see what data other field crews collected.

Product Comparison

- EDGE is better on laptops while Collect forms are designed for mobile devices.
- EDGE users need more training than Collect users.

- EDGE Forms need to be coded.
- Collect has a Forms Designer in Enterprise

- Collect is much easier to use GPS and Barcodes than EDGE (or Windows in general).

Product Comparison

EDGE	EQuIS COLLECT
Current EDGE 6.6 plus new features (30+)	Completely New Application
Licensed by device (no change)	Licensed by subscription
Windows (7 to 10)	✓ All major OS's (IOS, Android, Windows 10)
PC or Tablet ONLY	✓ Device agnostic (phone, tablet, PC)
EDGE compatible formats ONLY	Use any EQuIS format
Static forms library	✓ Collect any data
New forms added by developers	Build Forms using the Enterprise Forms Builder
Connects to data loggers	Deploy Forms instantly to users in the field
Supports full SPM	Forms status viewed in real-time on Collect and Enterprise
	Connects via BlueTooth to data loggers
	Supports full SPM

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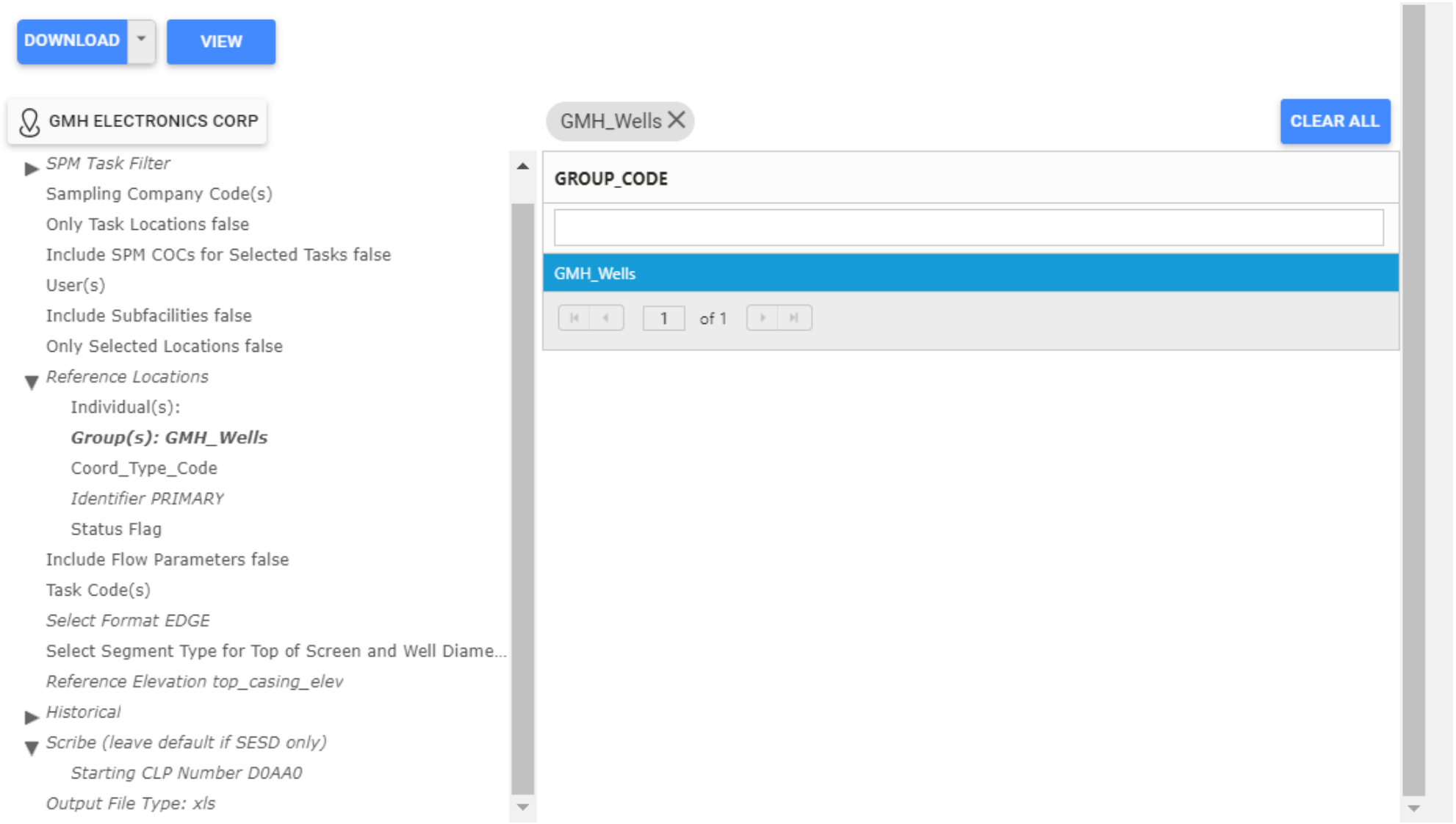
EDGE Workflow

1) Download EQuIS Data Gathering Engine (EDGE) from EPA Region 4 download page: https://earthsoft.com/products/edp/edp-format-for-epar4
2) Install and open get registration key (by device).
3) Log into EQuIS Enterprise and run the Field EDD report
4) Collect data on the selected Form
5) Push saved Forms from EDP to EQuIS
6) View status of EDD on Enterprise (Accepted, Rejected)
7) Repeat 4 through 6 as needed

EDGE Function & Features

- Windows laptop or tablet
- Licensing by device
- Generate Field EDD from Enterprise Dashboard
- Requires an EQuIS User Certificate
- EPA Region 4 form pre-built, includes configuration file
- Work offline, submit data when connection is available
- Data can be uploaded from EDGE to local EQuIS Professional for reporting prior to submittal to EPA

EDGE Enterprise Field EDD



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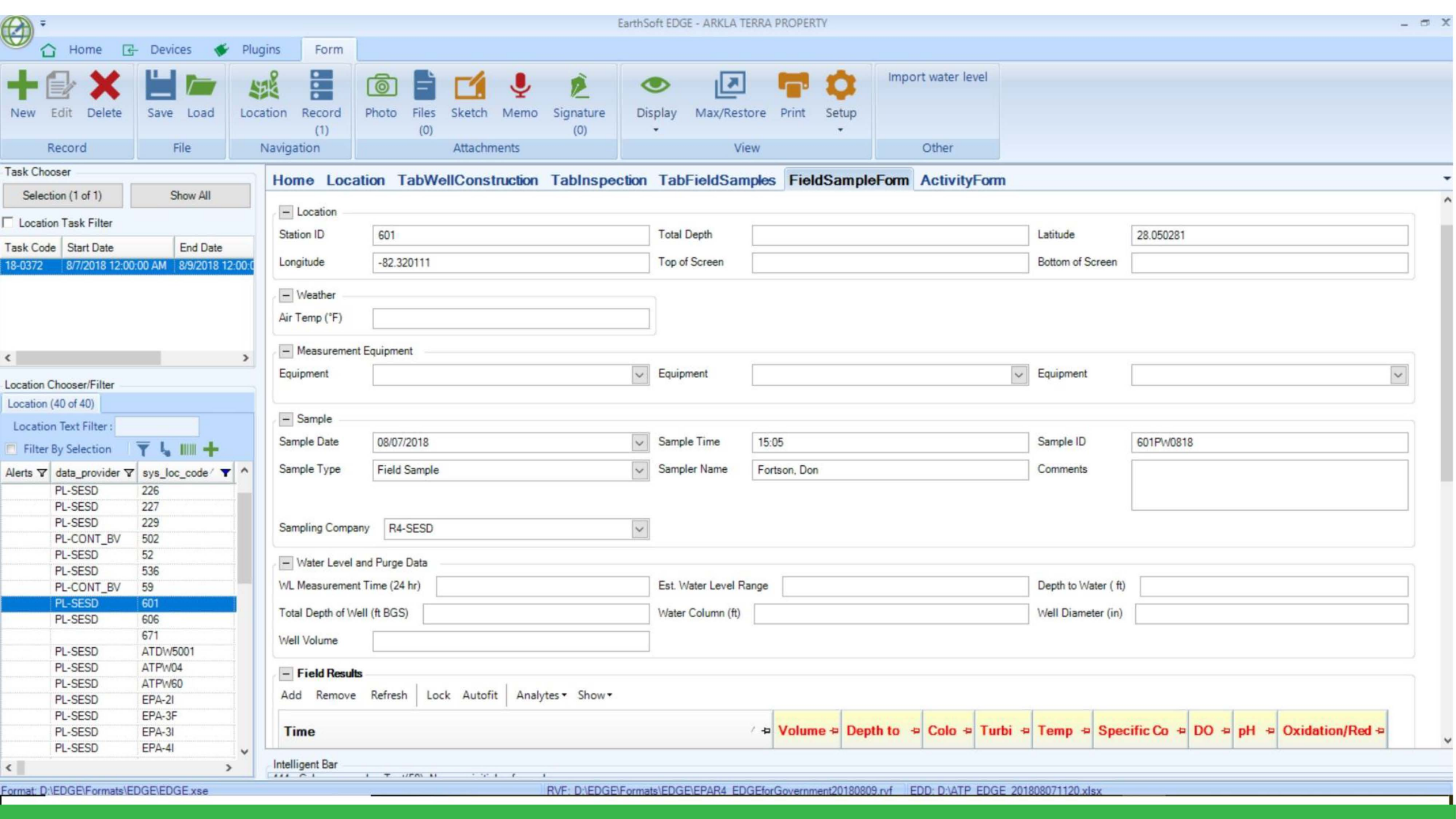

EarthSoft EDGE - ARKLA TERRA PROPERTY
Home
Devices
Plugins
Form
New
Edit
Delete
Record
Save
Load
File
Location
Record (1)
Navigation
Photo
Files (0)
Sketch
Memo
Signature (0)
Attachments
Display
Max/Restore
Print
Setup
View
Import water level
Other
Task Chooser
Selection (1 of 1)
Show All
Location Task Filter
Task Code
Start Date
End Date
18-0372
8/7/2018 12:00:00 AM
8/9/2018 12:00:0
Location Chooser/Filter
Location (40 of 40)
Location Text Filter :
Filter By Selection
Alerts
data_provider
sys_loc_code
PL-SESD 226
PL-SESD 227
PL-SESD 229
PL-CONT_BV 502
PL-SESD 52
PL-SESD 536
PL-CONT_BV 59
PL-SESD 601
PL-SESD 606
671
PL-SESD ATDW5001
PL-SESD ATPW04
PL-SESD ATPW60
PL-SESD EPA-2I
PL-SESD EPA-3F
PL-SESD EPA-3I
PL-SESD EPA-4I
Home
Location
TabWellConstruction
TabInspection
TabFieldSamples
FieldSampleForm
ActivityForm
Location
Station ID
601
Total Depth
Latitude
28.050281
Longitude
-82.320111
Top of Screen
Bottom of Screen
Weather
Air Temp (°F)
Measurement Equipment
Equipment
Equipment
Equipment
Sample
Sample Date
08/07/2018
Sample Time
15:05
Sample ID
601PW0818
Sample Type
Field Sample
Sampler Name
Fortson, Don
Comments
Sampling Company
R4-SESD
Water Level and Purge Data
WL Measurement Time (24 hr)
Est. Water Level Range
Depth to Water (ft)
Total Depth of Well (ft BGS)
Water Column (ft)
Well Diameter (in)
Well Volume
Field Results
Add
Remove
Refresh
Lock
Autofit
Analytes
Show
Time
Volume
Depth to
Colo
Turbi
Temp
Specific Co
DO
pH
Oxidation/Red
Intelligent Bar
Format: D:\EDGE\Formats\EDGE\EDGE.xse
RVF: D:\EDGE\Formats\EDGE\EPAR4_EDGEforGovernment20180809.rvf
EDD: D:\ATP_EDGE_201808071120.xlsx

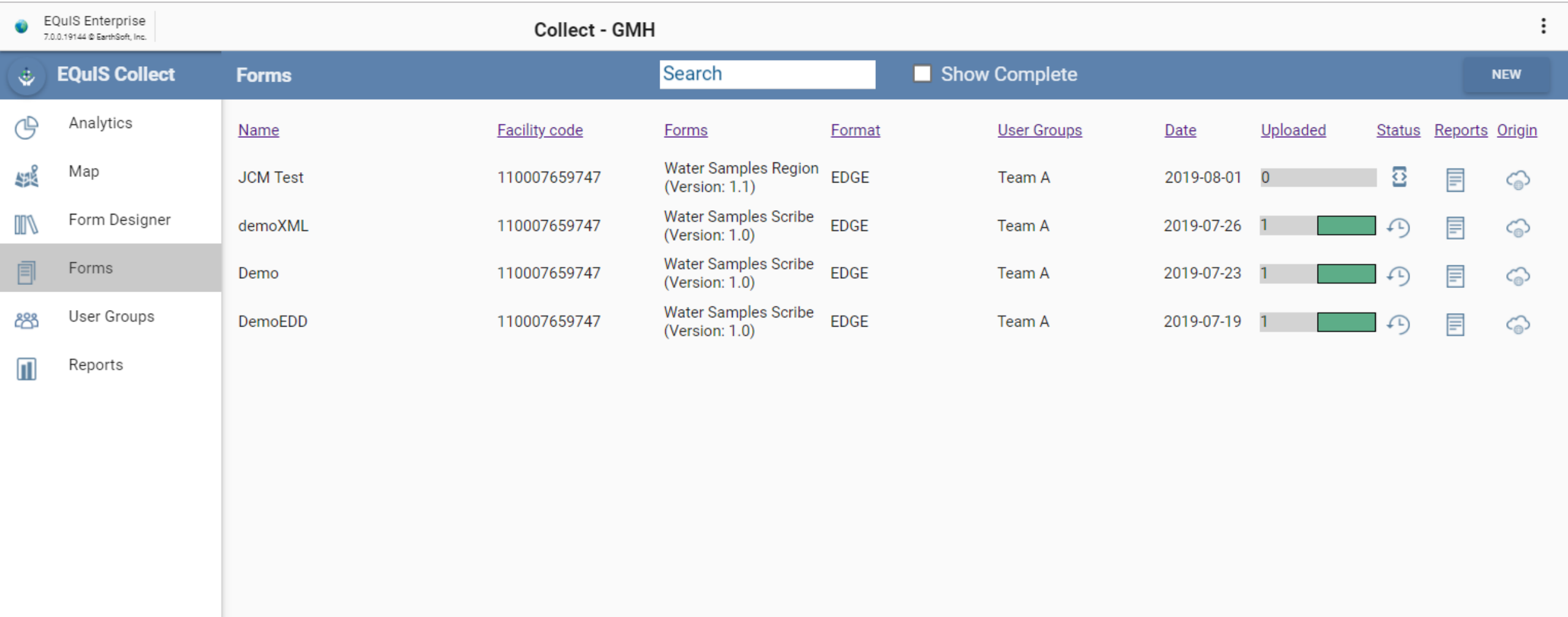
EQuIS Collect Workflow

1) Download EQuIS Collect from the appropriate app store
2) Login to Collect using EQuIS credentials
3) Access Forms assigned to your specific user group(s)
4) Select a Form from the list
5) Collect data on the selected Form
6) Push saved Forms from EDP to EQuIS
7) View status on Collect (Received, Accepted, Rejected, Completed)
8) Repeat 5 through 7 as needed

Collect Features & Functions

- iOS, Windows, Android Support
- Subscription licensing
- EQuIS Collect dashboards managing Forms and Users
- Form Builder with advanced logic capabilities (required, editable, visible, validation, calculations, persistent, history)
- EPA Region 4 Forms Library (Standard library 50+ Forms)
- Intuitive User Interface
- Works offline after initial login
- Data uploaded to EPA Region 4 upon save
- Forms status notification

Enterprise Collect



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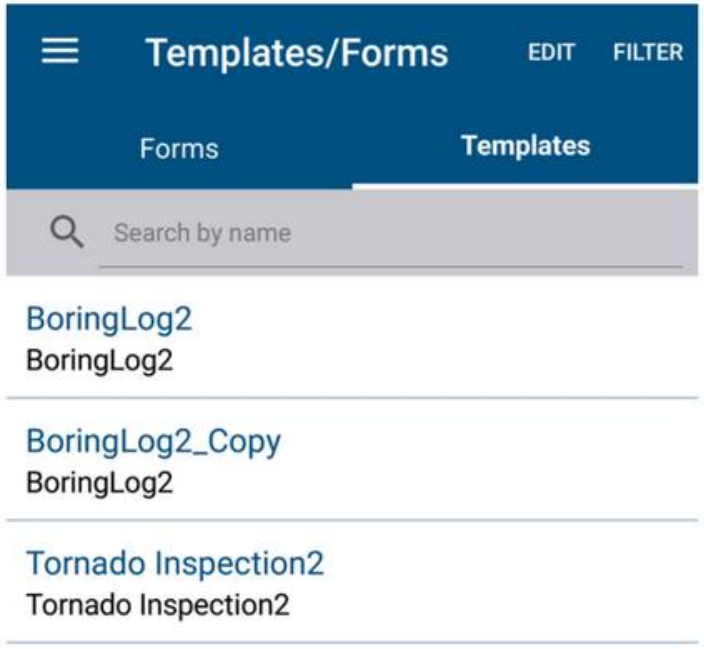
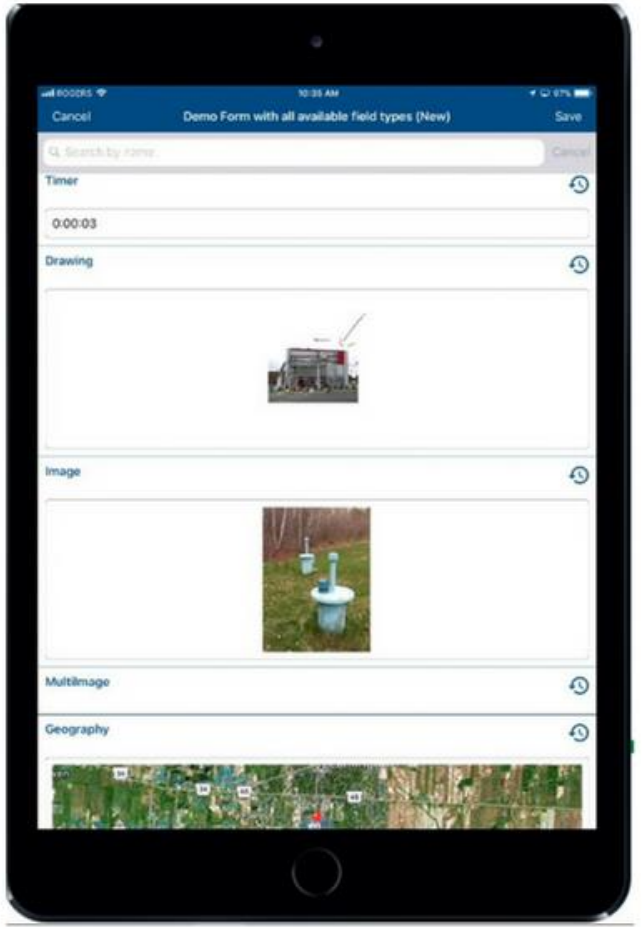
Collect Interface





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Features & Functions

- Supports georeferenced data (Map Views)
  - User events and locations in Map Views
- Manages structured or unstructured data
- Boring logs created online
- Sketch Pad on a base map
- Offline print capable
- Capture Signatures
- Field data key performance indicator (KPI) charts in the Dashboard
- Support field event instructions included (historical, graphics, logs, maps…)

Thank You

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