WEB-BASED GREENIT DATA ENTRY APP User Guide V4





GreenIT: Data Entry App	lication	V GreenIT	PHILADELPHIA	User Manual PWD Design Report Definitions
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	Forgot your Don't have a	Login password? n account? Sign Up		

DOCUMENT CONTROL

Document Information

	Information
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Document History

Version	Issue Date	Changes
Version 1.0		Initial Document Creation
Version 1.1	5/22/13	Various Updates to document
Version 1.2	4/24/14	Updates to installation instructions
Version 2	5/14/15	 Updated to accommodate the new functionality developed in version 2: Added support for the "As Maintained phase" Added validation rules Added support for new SMP types Enhanced the export process Added tab for viewing calculated fields
Version 2.1	9/22/15	 Updated to accompany new business rules and some minor changes to the .pdf reports. Added sand as a storage type Included more validation rules to address all data scenarios Removed Tree Pit Volume from reporting Modified credited greened acre and credited storm size managed fields to only calculate if sewer type = Combined.
Version 3.0	10/18/17	 Moved App to a web-based platform Added new system level fields to support <i>Green City, Clean</i> <i>Waters</i> compliance model Incorporated new validation rules to ensure data correctness and completeness for new fields Updated greened acre and storm size managed calculations for new fields Updated to remove Infiltration Column from the possible SMP's.
Version 3.01	7/6/18	 Added validation logic for infiltration footprint and model input category Added password warning message
Version 3.02	4/22/19	Added functionality to support Import of PWD files

Version 3.02	6/5/20	 Added validation rule for model input category Updated business rule documentation Changed multiple tool tip definitions Added Model Input Category= Inlet Disconnection Add new SMP type = Inlet Disconnection Added Pretreatment Type =Water Quality Device
Version 4	8/17/22	 Added Pretreatment Type = water Quality Device Added backend database changes to support synchronization with central GreenIT system Reorganized the project screen with a tabbed approach Added ability to input different data for Design, As-Built and As-Maintained phases Added the ability to submit data for review and approval and submission to central GreenIT system Added the ability to approve and reject data Added CIPIT status to display fields Automatic population from GreenIT data of Work Number and Name fields based on Project ID Removed unnecessary project level fields: Work number name Design Consultant Surveyor Infiltration Contractor Project Location
Version 4.01	1/5/23	 Added the "Request Share" button Removed the owner concept for projects
Version 4.02	6/25/25	• Updated synchronization process to handle situations where systems and/or SMPs are completely deleted from the central GreenIT database

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OVERVIEW

This document serves as the user guide for the Web-based *GreenIT Data Entry App* and provides a description of the App functionality. The App provides a mechanism for off-site consultants and PWD staff to input information related to the design and construction of specific projects, systems, and SMP's. In addition, the App allows for the generation of reports for the Design, As-Built, and As-Maintained phases. For more information about PWD's green metrics reporting requirements and associated definitions of all fields, see the GSI Planning & Design Resources website, *GreenIT Design Report Definitions*, available online at: https://water.phila.gov/pool/files/greenit-design-report-definitions.pdf.

The GreenIT Data Entry App was previously available as a stand-alone, off-site App originally released in 2013 and was moved to a web-based platform in 2017. In 2022, the application was again updated to support automated synchronization with the central GreenIT system and thereby eliminating the need for file export and import.

Assumptions/Preconditions

- Supports Browsers include Edge, Chrome, and Firefox. User should be running a current version of the browsers.
- Reports will be generated in .pdf formats.

The App can be accessed via the following link (URL): <u>www.greenitapp.philadelphiawater.org.</u>

Questions regarding the GreenIT Data Entry Application can be directed to: PWD.GreenITApp@phila.gov.

SreenIT	WATER WATER	PWD Design Report Definitions
Login to GreenIT User Name Password Login Forgot your password? Don't have an account? Sign Up		

CREATING AN ACCOUNT

To access the GreenIT web App, an account must be created. It is recommended that each individual user create an account; however, companies can also opt to create a single account for their company.

1. To Create an Account, click "Sign Up" on the App landing page.

	Login to G	breenin	
Jser Name			
Password			
	Login		
Forgot your passw	ord?		
Don't have an acco	ount? Sign Up		
	1		

2. Complete the 'Create Account' form and click 'Sign Up'. Passwords must have at least one uppercase ('A'-'Z'), one lowercase ('a'-'z'), and one non-alphanumeric character. **Passwords must be at least 10** characters in length.

	0.00	te Aco		
Email				
Company				
User Name				
Phone Number				
Password				
Confirm Password				
		Sign Up		
		Cancel		

3. If the account request is submitted successfully, the following message will appear at the top of the web page.



4. A PWD Administrator will process the request within a couple of days. Once the account request is approved by an administrator, the system will send an email. Confirm the account by clicking the link provided in the email.

Google	α
Gmail +	Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more Hide Image: Click here to enable desktop notifications for Gmail. Learn more to enable desktop notifications for Gmail. Learn more to enable desktop notifications for Gmail. Learn more to enable desktop notifications for Gmail desktop
COMPOSE Inbox (5) Starred Sent Mail Drafts (1) More ~ G Greenit ~ +	Confirm your account Intext x Image: pwd.greenit@gmail.com via amazonses.com 4:31 PM (2 minutes ago) ☆ Image: to me mean Welcome to Philadelphia Water's GreenIT application. Please Confirm your account by clicking this link
No recent chats Start a new one	Click here to Reply or Forward Click here to Reply or Forward Glick here to Reply or Forward Ierms - Privacy Last account activity: 1 day ago Details

5. The following message will then be displayed. User should now be able to login to the App.

$\left. \left. \left. \left. ight. i$	om/Account/Login					9☆:
GreenIT: Data Entry Application		2	GreenIT	PHILADELPHIA WATER	User Manua PWD Design Report I	
	test@test.com has been successfull validated. Please login below Login to GreenIT User Name Colin.Cosine@curve.com Password 	Ιγ	Hello Colin.Cosi	ne@curve.com!	Change Password	Log off

APP DASHBOARD

The App dashboard provides the ability to search for projects, to view all projects, to add new projects, to edit projects, to submit changes for review, to review changes, and to create report(s). All arrow icons review are navigation links and can be clicked at any time during App use.

T: Data	Entry	/ Application (8/10/22) - TEST										S GreenIT	WATER	User PWD Design F	r Manua Report D
rd											Ş			Hello aarauj	jo@jmtt
Proje	ct name,	work number, author or ID									Search Projects	Show All		Add New Projec	ct
Work Number	Project	Project Name	Latest Phase	# Sy	S CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update 🖨	Last Editor	Last Reviewer	Edit	Submit/Review	Report
50005	1	7th St, 8th St, and Cumberland St (Hartranft School)	As Maintain	ed 3	Closed	Jillian Simmons	Complete - Draft	Complete - Approved	Complete - Draft	8/10/2022	Jsimmons		1	Submit Changes	PDF
50020	2	Welsh School	As Maintain	ed 2	Closed	Jillian Simmons	Complete - Approved	Complete - Draft - Phase Author Missing	Incomplete Systems - Approved	8/9/2022	Jsimmons		1		PDF
50004	3	Belfield Ave from Chew Ave to Walnut Ln	As Maintain	ed 12	Closed	Jillian Simmons	Complete - Approved		Complete - Approved	8/10/2022	IMPORT		1		PDF
50009	5	Queen Lane from Henry St to Fox St	As Maintain	_{≥d} 7	Closed	Laura Rozumalski	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/8/2022	Colin.Cosine@curve.com		1		PDF
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Complete - Draft	Complete - Approved		8/5/2022	Colin.Cosine@curve.com		1	Submit Changes	PDF
50005	9	Palmer St from Frankford Ave to Blair St (Shissler Playground)	As Built	2	Closed	Jillian Simmons	Complete - Approved	Incomplete Systems - Approved		8/3/2022	Colin.Cosine@curve.com		1		PDF
50034	10	Thompson St and Columbia Ave	As Maintain	ed 2	Closed	Shelly Jones	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	IMPORT		1		PDF
50003	12	4th St and Cambridge St (Bodine High School)	As Maintain	ed 7	Closed	Jillian Simmons	Complete - Approved	Complete - Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	IMPORT		1		PDF

Search Projects with Filter

Users can search for projects by:

- 1. Project Name
- 2. Work Number
- 3. Author
- 4. Project ID

Search steps:

- 1. Enter 'Work Number', 'Project Name', 'Project ID', or 'Author' in the search text box.
- 2. Click 'Search Projects' and the App will return the desired results.

nIT: D	ata Entr	y Applica	ation (8/10/22) - TEST									20	GreenIT	WATE	User Mar PWD Design Repo
ard	•														Hello aaraujo@ji
1	50035									Search	n Projects Sh	ow All			Add New Project
Wo	rk Number 🔶	Project ID	Project Name	Latest Phase		CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As-Maintained Status	Last Update	Last Editor	Last Reviewer	Edit	Submit/Review Reports
500)35	45	Benjamin Franklin Parkway from 21st St to 23rd St	Design	3	Closed	Marc Orgovan	Complete - Approved	No Data	No Data	8/2/2022	IMPORT		1	PDF

View all projects and Clear Search Filter

Users can view all projects in the database by selecting 'Show All'. This button also can be used to clear an existing search filter.

T: Data	Entr	y Application (8/10/22) - TEST										S Green IT	WATER	PWD Design	
rd														Hello aarau	jo@j
Proje	ct name	, work number, author or ID									Search Projects Sh	ow All		Add New Proje	ct
Work Number			Latest Phase	# Sys ∳	CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update ≑	Last Editor	Last Reviewer	Edit	Submit/Review	Re
50215	1354	Fairmount Neighborhood Bumpouts	Design	7	Projects Control-Bid Awarded	Jaime Gandara	Complete - Approved	No Data	No Data	8/2/2022	IMPORT		1		р
50186	1301	Jefferson Street	Design	11	Projects Control-Bid Open	Julia Morris	Complete - Approved	No Data	No Data	8/2/2022	IMPORT		1		Р
50221	1363	Lawndale Streets East	Design	9	Projects Control-Bid Open	Julia Morris	Complete - Approved			8/2/2022	IMPORT		1		Р
50226	1382	Tabor Ave Greening	Design	15	Construction- NTP	Megan DAlessandro	Complete - Approved	No Data	No Data	8/2/2022	IMPORT		1		P
50149	1379	1038 W TIOGA ST	Design	1	Construction- Substantially Complete	Megan DAlessandro	Complete - Approved			8/2/2022	IMPORT		1		Р
50020	312	10th St and Jefferson St (Dendy Recreation Center)	As Built	2	Closed	Jillian Simmons	Complete - Approved		No Data	8/2/2022	IMPORT		1		Р
50001	16	10th St from Wilder St to Reed St	As Built	2	Closed	Jillian Simmons	Incomplete Systems - Draft - Phase Author Missing	Complete - Approved		8/3/2022	Colin.Cosine@curve.com		1		PI
40939	1331	11th/Marvine/Tioga/Ontario	Design	4	Projects Control-In PC	Megan DAlessandro	Complete - Draft	No Data	No Data	8/2/2022	IMPORT		1	Submit Changes	P
50001	14	12th St and Reed St (Columbus Square)	As Maintained	2	Closed	Jillian Simmons	Incomplete Systems - Approved		Complete - Approved	8/3/2022	IMPORT		1		P
50001	10	13th St from Dickinson St to Tasker St	As	2	Closed	Jillian	Incomplete	Incomplete	Complete -	0/1/1011	IMDODT			Submit Chapger	

Add New Project

A user can add a new project to the web App. The steps include:

1. Select 'Add New Project' in the top corner of the Dashboard.

enIT: Dat	ta E	ntry	Application (8/10/22) - TEST											S Green IT	WATER	User PWD Design I	r Manual Report De
board																Hello aarau	jo@jmttg.
	ject n	ame,	work number, author or ID										Search Projects Sho	IIA we		Add New Proje	ct
Work Numbe	er ID	oject	Project Name	¢	Latest Phase	# Sys ∳	CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update ≑	Last Editor	Last Reviewer	Edit	Submit/Review	Reports
50215	13	54	Fairmount Neighborhood Bumpouts		Design	7	Projects Control-Bid Awarded	Jaime Gandara	Complete - Approved	No Data	No Data	8/2/2022	IMPORT		1		PDF
50186	13	301	Jefferson Street		Design	11	Projects Control-Bid Open	Julia Morris	Complete - Approved	No Data		8/2/2022	IMPORT		1		PDF

2. Enter either a PWD project identifier or work number and the corresponding project name, identifier and work number will automatically populate after tabbing away from the text input box. If entering a project that is already in use, a message alerting the user to enter a different project will appear. Complete any other applicable attributes and click 'Save New Project'. A warning message will appear if all required information is not provided.

Data Entry Application (8/10/22) - TEST				S Green IT	PHILADELPHIA	User Man PWD Design Report
Project						Hello aaraujo@jm
Create New Project						
Create New Project		Mark Norshan				
Project ID		Work Number				
Project Name		GreenIT Contact				
CIPIT Status	Invalid Work Number		×			
	555555 is not a valid PWD work numbe	er. Please enter a different work number.				
# of Non SMP Trees						
0						
Notes	-					
			ОК			
			UK			
: Data Entry Application (8/10/22) - TEST						
				S Green IT	WATER	User Man PWD Design Repor
Project				V Green IT	WATER	
				GreenIT	WATER	
Project Create New Project		Work Number		¥GreenIT	WATER	
Create New Project		Work Number 50005		GreenIT	WATER	
Create New Project Project ID 1 Project Name				GreenIT	WATER	
Create New Project		50005		GreenIT	WATER	
Create New Project Project ID 1 Project Name 7th St, 8th St, and Cumberland St (Hartranft School) CIPIT Status		50005 GreenIT Contact		GreenIT	WATER	Hello aaraujo@jn
Create New Project Project ID 1 Project Name 7th St. 8th St, and Cumberland St (Hartranft School) CIPIT Status Closed		50005 GreenIT Contact Jillian Simmons		GreenIT	WATER	Hello aaraujo@jr
Create New Project Project ID 1 Project Name 7th St, 8th St, and Cumberland St (Hartranft School) CIPIT Status Closed #of Non SMP Trees		50005 GreenIT Contact Jillian Simmons		GreenIT		Hello aaraujo@jn
Create New Project Project ID 1 Project Name Th St. 8th St. and Cumberland St (Hartranft School) CIPT Status Closed #of Non SMP Trees 0		50005 GreenIT Contact Jillian Simmons		GreenIT		Hello aaraujo@jn
Create New Project Project ID 1 Project Name 7th St, 8th St, and Cumberland St (Hartranft School) CIPIT Status Closed #of Non SMP Trees		50005 GreenIT Contact Jillian Simmons		GreenIT		Hello aaraujo@jn
Create New Project Project ID 1 Project Name Th St. 8th St. and Cumberland St (Hartranft School) CIPT Status Closed #of Non SMP Trees 0		50005 GreenIT Contact Jillian Simmons		GreenIT		Hello aaraujo@jrr

3. If Project ID and work number are unique, project will save successfully. System and SMP data can now be added, and the new project is now viewable and editable in the App 'Dashboard'.

reenIT	: Data	Entry	Application (8/10/22) - TEST										S GreenIT	PHILADELPHIA WATER	User Manual PWD Design Report Defin
ishboard															Hello aaraujo@jmttg.co
	Proje	ct name,	work number, author or ID									Search Projects Sho	w All		Add New Project
	Work Number	Project	Project Name	¢ La	atest Sy hase	ys CIF	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update 🔶	Last Editor	Last Reviewer	Edit	Submit/Review Reports
	50005	1	7th St, 8th St, and Cumberland St (Hartranft School)	A	s Aaintained 3	Clo	Jillian Simmons		Complete - Approved		8/10/2022	Jsimmons		1	Submit Changes PDF

Select Project for View/Edit/Sharing

1. On the Dashboard, click the *l* next to the project to be viewed/edited.

nIT: Data	Entry	/ Application (8/10/22) - TEST										M Green IT	WATER	PWD Design F	r Man Repor
ard		₿.												Hello aarauj	jo@jm
Proje	ct name,	work number, author or ID									Search Projects Sh	ow All		Add New Projec	ct
Work Number	Project	Project Name	Latest Phase	# Sys ∳	CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update �	Last Editor	Last Reviewer	Edit	Submit/Review	Repo
50005	1	7th St, 8th St, and Cumberland St (Hartranft School)	As Maintained	3	Closed	Jillian Simmons	Complete - Draft	Complete - Approved	Complete - Draft	8/10/2022	Jsimmons		1	Submit Changes	PDF
50020	2	Welsh School	As Maintained	2	Closed	Jillian Simmons	Complete - Approved	Complete - Draft - Phase Author Missing	Incomplete Systems - Approved	8/9/2022	Jsimmons		1		PDF
50004	3	Belfield Ave from Chew Ave to Walnut Ln	As Maintained	12	Closed	Jillian Simmons	Complete - Approved		Complete - Approved	8/10/2022	IMPORT		1		PD
50009	5	Queen Lane from Henry St to Fox St	As Maintained	7	Closed	Laura Rozumalski	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/8/2022	Colin.Cosine@curve.com		1		PDI
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Complete - Draft	Complete - Approved		8/5/2022	Colin.Cosine@curve.com		1	Submit Changes	PDF
50005	9	Palmer St from Frankford Ave to Blair St (Shissler Playground)	As Built	2	Closed	Jillian Simmons	Complete - Approved	Incomplete Systems - Approved		8/3/2022	Colin.Cosine@curve.com		1		PDF
50034	10	Thompson St and Columbia Ave	As Maintained	2	Closed	Shelly Jones	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	IMPORT		1		PDF

2. The Edit Project page opens, and user can edit information as needed for each phase individually. Clicking on the tabs highlighted below allows a user to identify the phase for which data will be entered.

eenIT: Data Entry Application (8/10/22) - TEST						V Green IT	WATER	User Manual PWD Design Report Definition
poard Project 1-7th St, 8th St, and Cumberland St (Hartranft School)	-							Hello aaraujo@jmttg.com!
Edit Project: 7th St, 8th St, and Cu	umberland S	St (Hartranft Scho	O) View Report Rollback Changes	1				
Fields Share Project								
Project ID	Work Number		Latest Phase					
1	50005		As Maintained					
Project Name	Last Update		Last Approver					
7th St, 8th St, and Cumberland St (Hartranft School)	8/10/2022							
CIPIT Status			GreenIT Contact					
Closed			Jillian Simmons					
Design As-Built As-Maintained Fields Calculations Status		Notes						
Complete Author		Greened acres updated to in 5/20/2015 . Greened acres u storage. IQ 5/21/2015.	clude tree pits and sand layer storage. pdated to include tree pits and sand la	IQ yer				
Jillian Simmons								R
# of Non-SMP Trees								
0								
Project Systems			Update System Names & Numbering	Copy Existing Systems	Create New			

3. User selects 'Save Project Changes', and the associated information is updated.

Jata Entry App	lication (8/1	.0/22) - TEST							V GreenIT	WATER
Project 1-7th St, 8th S	t, and Cumberland	i St (Hartranft School) 👻	,							
IPIT Status					GreenIT Contact					
Closed					Jillian Simmons					
Design As-Built	As-Maintained	I								
Fields Calcul	ations									
Status			Notes							
Complete					and sand layer storage. ude tree pits and sand la					
Author			storage. IQ 5/21/2015			.,				
Jillian Simmons										
# of Non-SMP Trees										
# of Non-SMP Trees										
	15			Update System	n Names & Numbering	Copy Existing Sy	stems C	reate New		
0	15 Sewer Type	System Function	Model Input Category	Update Syster Last Updated	n Names & Numbering Completion Status	Copy Existing Sy Edit Status	stems C	reate New		
0 Project Systen		System Function	Model Input Category Subsurface infiltration					/⊗		
0 Project Systen Id System Number	Sewer Type			Last Updated	Completion Status	Edit Status	# SMPs			

4. User can view project level calculation by clicking the 'Calculations' tab. This can be done for each phase. (NOTE: values will be null until systems and SMP's are added).

Project ID	Work Number		Latest Phase			
1	50005		As Maintained			
Project Name	Last Update		Last Approver			
7th St, 8th St, and Cumberland St (Hartranft School)	8/10/2022					
CIPIT Status			GreenIT Contact		De l	
Closed			Jillian Simmons			
Fields Calculations						
Fields Calculations						
	44,327	Total Greened Acres (acre-in)	0.97			
Draft Approved	44,327 3,527	Total Greened Acres (acre-in) Total Credited Greened Acres (acre-in)	0.97			

Share Project

Sharing allows for other users to view, edit, or delete a project. Users can share a project by clicking on the 'Share Project' tab, typing in the specific username or email address with whom to share the project (**NOTE: the username must match exactly**), and then clicking 'Share'.

C 🖒 🗎 gree	nitapptestnew.philadelphiawater.org/Projects/145645/	Design		QÊ	☆	*		•
nIT: Data Entry	Application (1/5/23) - TEST		Scree	PWD	User Design Re	Manua eport D		ion
ard Project 12-4th S	t and Cambridge St (Bodine High School) 🔻			Hello Coli	n.Cosine	@curv	e.com	11 -
Fields Share Pro	rname or email address):	odine High School) View Repo	nt					
Project share	d with:							
Username	Email	Company	Remove Share					
Jsimmons	Jillian.Simmons@phila.gov	PW	\otimes					
Jsimmons	Jillian.Simmons@phila.gov	PW	\otimes					

User will then be added to the shared list.

nIT: Data Entry Application	(1/5/23) - TEST		V Greer	IT WATER	User Manual PWD Design Report D
ard Project 12-4th St and Cambridge S	t (Bodine High School) 👻				Hello Colin.Cosine@curve
Edit Project: 4th St a	nd Cambridge St (Bodine Higl	h School) View Report			
	na camonage st (boame mgi				
Fields Share Project					
Share project with (username or email addre	ess):				
username or email address		Share			
Project charad with					
Project shared with:	Email	Company	Remove Share		
Jsimmons	Jillian.Simmons@phila.gov	PW	(\times)		
Jsimmons	Jillian.Simmons@phila.gov	PW	\otimes		
Colin.Cosine@curve.com	Colin.Cosine@curve.com	curve			

Projects can be "unshared" by clicking the 🛞 next to the desired username in the "Remove Share" column.

As part of the final design submission, Design Consultants should "Share" all Projects in the work number with the PWD Green Contact. This allows the PWD Green Contact to edit the files if needed for as-built and asmaintained phases.

Requesting a Share

On the app dashboard, users can request access to a project by selecting the "Request Share" button.

nIT: Data	Entry /	Application (12/	23/22) - 1	EST							V Gr	eenIT	WATE	PWD Desig	er Manu n Report
ard															Hello bp
Project I	iame, work	c number, author or ID								Search P	rojects	Show All	Request Sł	hare Add New I	Project
Work Number 🔶	Project ID 🔶	Project Name	Latest Phase	# Sys ♠	CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As-Maintained Status	Last Update	Last Editor	Last Reviewer	Edit	Submit/Review	Report
50020	2	Welsh School	As Maintained	2	Closed	Jillian Simmons	Complete - Approved	Complete - <i>Draft</i>	Incomplete Systems - Approved	12/21/2022	bpliszka5		1	Submit Changes	PDF
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Complete - Draft	Complete - Approved	No Data	8/14/2022	IMPORT		1	Submit Changes	PDF

User enters the desired Work Number or Project Id in the pop up.

Green	nIT: Data	Entry	Applicatio	on (12/23/22) - TEST		V Green IT		User Manual PWD Design Report Definitions
Dashbo	ard							Hello bpliszka5! 👻
	Project		k number, autl	Request Project Share	_	ж	equest Sha	re Add New Project
	Work Number 🖨	Project ID 🔶	Project Nam	Work Number: 50029	Project ID		iit	Submit/Review Reports
	50020	2	Welsh Schoo	Search by Work Number	Search by Project Id		1	Submit Changes PDF
	50002	8	Montgomer Shissler Play				1	Submit Changes PDF

User then clicks the appropriate search button and, if more than 1 option exists, chooses the appropriate project from the list.

GreenIT: Data Entry Applicatio	n (12/23/22) - TEST	WATER User Manual User Manual PWD Design Report Definitions
Dashboard		Hello bpliszka5! 👻
Project name, work number, auti	Request Project Share	equest Share Add New Project
Work Number ♦ Project ID ♦ Project Nam	Work Number: Project ID 50029	Jit Submit/Review Reports
50020 2 Welsh Schoo	Search by Work Number Search by Project Id	Submit Changes PDF
50002 8 Montgomer Shissler Play	Select a Project Select a Project 147-Woolston Ave, Walnut Ln, Rodney St (Simons Recreation Center) 179-Morris Leeds Middle School	Submit Changes PDF

_			on (12/23/22) - TEST				Screen			PWD Design Rep	ort I
ard										Hell	o bp
			Request Project Share					×			
		k number, autl						≥que	est Share	Add New Projec	
Work	Project		Work Number:		Project ID						
Number 4		Project Nam	50029		147			dit		bmit/Review Rep	
50020	2	Welsh Schoo	Search by Work Number		Search by Project Id				Su	bmit Changes PE	ÞF
50000	0	Montgomer	Project Name		GreenIT Contact					hard Changes Dr	
50002	8	Shissler Play	Woolston Ave, Walnut Ln, Rodney S	it (Simons Rec	Jillian Simmons			/	SU	bmit Changes PE	-
			CIPIT Status		GreenIT Status						
			Closed		Trans To Design Phase						
			Project shared with:								
			Username	Email		Company	Owner?				
			Jsimmons		immons@phila.gov	PW	Yes				
			Ashley.Mathias@phila.gov		Mathias@phila.gov	PWD	Yes				
			Jsimmons	Jillian.S	immons@phila.gov	PW	Yes				
			Cancel Request Project	Access							

The selected project information is displayed. User clicks "Request Project Access".

A confirmation message will be returned. User must wait for admin approval before accessing the project. User will be notified via email when access is granted.

	name, work										Projects	Show All	Request Sh	are Add New P	roject
Work Number 🔶	Project	Project Name 🔶	Latest Phase	# Sys ♦	CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As-Maintained Status	Last Update		Last Reviewer	Edit	Submit/Review	Repo
50020	2	Welsh School	As Maintained	2	Closed	Jillian Simmons	Complete - Approved	Complete - <i>Draft</i>	Incomplete Systems - Approved	12/21/2022	bpliszka5		1	Submit Changes	PDF
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Project Acce	ess Request Su.	🗙 _{ta}	8/14/2022	IMPORT		1	Submit Changes	PDF
								oject acces has been ed.							

Approve a Share Request

Admins have the ability to approve share requests by accessing the "Share Requests" option in the dropdown menu. Admins will be notified via email when a share request has been added to the cue.

													esign Report Defir	
ard												Hello Colin	n.Cosine@curve.co	om!
_												Manage A	ccounts	
Projec	t name,	work number, author or ID							Search F	Projects	now All Request Sha		dits (Admin)	
Work Number	Project	Project Name 🔶	Latest	#	CIPIT Status	GreenIT	Design	As-Built	As- Maintained	Last Update	Last Editor	Share Req	uests	
e Number	ID 🔶	Project Name =	Phase	Sys ¢		Contact	Status	Status	Status	÷	Last Editor	Import/Ex	port Logs	
50020	2	Welsh School	As	2	Closed	Jillian	Complete -		Incomplete Systems -	12/21/2022	bpliszka5	Approve E	dit Requests	
	-		Maintained	-		Simmons	Approved	Draft	Approved			My Pendir	ng Edit Requests	
50004	3	Belfield Ave from Chew Ave to Walnut Ln	As Maintained	6	Closed	Jillian Simmons	Complete - Approved	No Data	Complete - Approved	8/14/2022	IMPORT	Change Pa	ssword	ph
50009	5	Queen Lane from Henry St to Fox St	As Built	6	Closed	Laura	Complete -	Incomplete Systems -		8/19/2022	Isimmons	Log off		
			, o built	Ŭ	closed	Rozumalski	Approved	Approved		0,10,2022	550000			
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Complete - Draft	Complete - Approved	No Data	8/14/2022	IMPORT			
50005		Palmer St from Frankford Ave to Blair St (Shissler Playground)	As Built	2	Closed	Jillian Simmons	Complete - Approved	Incomplete Systems - Approved		8/14/2022	IMPORT			
50034	10	Thompson St and Columbia Ave	As Maintained	2	Closed	Shelly Jones	Complete - Approved	Incomplete Systems - Approved	Complete -	8/14/2022	IMPORT			

Users can approve or deny the request.

nIT: D	ata Entry Ap	oplication (12/23/22) - TEST		20	ireen	T WATER
ard	•					н
Proj	ect Share Re	quests				
		Show Pending Requests Only 🖲	She	ow All Requests 〇		
Id	Work Number	Name	Requested By	Request Date	Status	Approve?
147	50029	Woolston Ave, Walnut Ln, Rodney St (Simons Recreation Center)	bpliszka@jmt.com	1/5/2023 1:34 PM	Pending	Approve Deny
10	50034	Thompson St and Columbia Ave	Colin.Cosine@curve.com	12/22/2022 5:32 PM	Pending	Approve Deny
223	50025	13th St, Porter St, and Moyamensing Ave (A.S. Jenks School)	Jillian.Simmons@phila.gov	12/22/2022 2:05 PM	Pending	Approve Deny
1298	50133	Additional Lawncrest Streets	Jillian.Simmons@phila.gov	12/22/2022 2:04 PM	Pending	Approve Deny
123	50031	58th St Connector(Bartram's Garden, Francis Myers Rec, Cobbs Creek Park)	Colin.Cosine@curve.com	12/13/2022 6:22 PM	Pending	Approve Deny
45	50035	Benjamin Franklin Parkway from 21st St to 23rd St	Colin.Cosine@curve.com	12/12/2022 4:30 PM	Pending	Approve Deny
45	50035	Benjamin Franklin Parkway from 21st St to 23rd St	Colin.Cosine@curve.com	12/12/2022 4:22 PM	Pending	Approve Deny
45	50035	Benjamin Franklin Parkway from 21st St to 23rd St	Colin.Cosine@curve.com	12/12/2022 4:15 PM	Pending	Approve Deny

When approved the status will be updated for the desired project.

IT: Da	ata Entry Ap	oplication (12/23/22) - TEST		2(Greenl	T WATER
rd						
Proje	ct Share Re	quests				
		Show Pending Requests Only 🖲	s	how All Requests 🔿		
Id	Work Number	Name	Requested By	Request Date	Status	Approve?
147	50029	Woolston Ave, Walnut Ln, Rodney St (Simons Recreation Center)	bpliszka@jmt.com	1/5/2023 1:34 PM	Approved	Approve Deny
586	50089	Mariana Bracetti Academy Charter School	kyle.mattson@phila.gov	12/30/2022 1:30 PM	Approved	Approve Deny
123	50031	58th St Connector(Bartram's Garden, Francis Myers Rec, Cobbs Creek Park)	Jillian.Simmons@phila.gov	12/22/2022 6:04 PM	Rejected	Approve Deny
1147	50139	Passyunk Avenue Medians Improvements	Jillian.Simmons@phila.gov	12/22/2022 6:03 PM	Approved	Approve Deny
10 !	50034	Thompson St and Columbia Ave	Colin.Cosine@curve.com	12/22/2022 5:32 PM	Pending	Approve Deny
223	50025	13th St, Porter St, and Moyamensing Ave (A.S. Jenks School)	Jillian.Simmons@phila.gov	12/22/2022 2:05 PM	Pending	Approve Deny
298	50133	Additional Lawncrest Streets	Jillian.Simmons@phila.gov	12/22/2022 2:04 PM	Pending	Approve Deny
	50002	Montgomery Ave, Shissler Playground	bpliszka@jmt.com	12/21/2022 7:27 PM	Approved	Approve Deny
	50020	Welsh School	bpliszka@jmt.com	12/21/2022 3:31 PM	Approved	Approve Deny

SYSTEM DATA

The Edit Project screen provides the ability to add a new system to a project, to copy an existing system to add to a project, to edit an existing system, update system numbering, create data for a specific phase, and to delete a system.

T: Da	ata Entry Appli	cation (8/1	.1/22) - TEST								S GreenIT	PHILADELPHIA WATER	User Man PWD Design Repor
Pr	roject 1-7th St, 8th St,	and Cumberland	l St (Hartranft School) 💌	,									Hello aaraujo@jr
cipr	T Status			,			GreenIT Contact						
	osed						Jillian Simmons						
De	esign As-Built	As-Maintained											
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	Fields Calculati	ons											
	Status				Notes								
	Complete				5/20/2015 . Greened a		and sand layer storage. ude tree pits and sand la						
	Author				storage. IQ 5/21/2015.							B	
	Jillian Simmons												
	# of Non-SMP Trees												
	0												
											1		
P	roject Systems					Update System	n Names & Numbering	Copy Existing Sy	stems	Create New			
I	d System Number	Sewer Type	System Function	Model Input	Category	Last Updated	Completion Status	Edit Status	# SMPs				
1	1-1	Combined	Infiltration	Subsurface in	filtration	8/10/2022	Complete	Draft	1	$i \otimes$			
	1-2	Combined	Detention/Slow Release	Subsurface sl	ow release (unlined)	8/4/2022	Complete	Draft	1	$i \otimes$			
2					ow release (unlined)	8/2/2022	Complete	Approved	1	18			
	1-3	Combined	Detention/Slow Release	Subsurface sl	ow release (unlined)	0/2/2022	complete	reproted	-				

Add New System

A user can add a new system to the project. The steps involved include:

1. User selects 'Create New' at bottom of Project Details page

Project 2/th Sk, skih Sk, and Cumberdand Sk (Hartranft School) Interview Greend Contact: CMT Status Greend Contact: Illian Simmons Core A schuit A schuit ained Fields Calculations Greend access: updated to include tree pits and and layer storage. IQ. Status Greend access: updated to include tree pits and sand layer storage. IQ. Status Complete Stratus Greend access: updated to include tree pits and sand layer storage. IQ. Stratus Value Model Input Category Status for storage. IQ. Stratus Greend Access: updated to include tree pits and sand layer storage. IQ. Stratus Stratus Greend Access. Updated Stratus Stratus <th>Entry Application</th> <th>(8/11/22) - TEST</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>VGreenIT</th> <th>WATER</th> <th>User PWD Design R</th>	Entry Application	(8/11/22) - TEST							V Green IT	WATER	User PWD Design R
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Author S/20/2015. Greened acres updated to include tree pits and sand layer torage. ID S/21/2015. Jillian Simmons #of Non-SMP Trees 0 0 Orgen Exaction of Non-SMP Trees 0 0 Orgen Exaction of Non-SMP Trees 1 1.1 Copy Existing System 1 1.1 Combled Infiltration Subsurface Infiltration Subsurface Infiltration 8 1.2 Combled Detention/Slow Release Subsurface Infiltration 8/10/2022 Complete Oraft 1 Image: I	tatus		Notes								
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In other set of Non-SMP Trees 0 Copy Existing System Vgdate System Names & Numbering Copy Existing System Copy Existing System In System Names & Numbering Copy Existing System Copy Existing System In System Names & Numbering Copy Existing System Copy Existing System System 1 1 1 1 Image: System System Image: System System System Sy											
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Id System Number Sever Type System Function Model Input Category Last Updated Completion Status Edit Status # SMPs 1 1-1 Combined Infiltration Subsurface infiltration 8/l0/2022 Complete Draft 1 / ② 2 1-2 Combined Detention/Slow Release Subsurface slow release (unlined) 8/l/2022 Complete Draft 1 / ② 3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Approved 1 / ③	ject Systems			Update System	m Names & Numbering	Copy Existing Sy	/stems C	Create New			
2 1-2 Combined Detention/Slow Release Subsurface slow release (unlined) 8/4/2022 Complete Draft 1 I ⊗ 3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Approved 1 I ⊗	System Number Sewer	Type System Function	Model Input Category	Last Updated	Completion Status	Edit Status	# SMPs				De-
2 1-2 Combined Detention/Slow Release Subsurface slow release (unlined) 8/4/2022 Complete Draft 1 I ⊗ 3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Approved 1 I ⊗	1-1 Combi	ned Infiltration	Subsurface infiltration	8/10/2022	Complete	Draft	1	18			
3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Approved 1	1-2 Combi	ned Detention/Slow Release	Subsurface slow release (unlined)	8/4/2022	Complete	Draft	1				
	1-3 Combi	ned Detention/Slow Release	Subsurface slow release (unlined)	8/2/2022	Complete	Approved	1				
Return to Dashboard Save Project Changes											
Return to Dashboard Save Project Changes											
	n to Dashboard Save Pr	roject Changes									

2. User is brought to the Create New System Page

GreenIT: Data Entry Application (8/11/22) - TEST		S Green I	WATER	User Manual PWD Design Report Definitions
Dashboard Project 1-7th St, 8th St, and Cumberland St (Hartranft School) 👻				Hello aaraujo@jmttg.com! 🔻
Create New System				
Create New System				
System Number 1-4				
System ID Completion Status	Contributing Impervious Area (sf)	Contributing Pervious Area (sf)		
System Name	Surface DCIA (sf)	Subsurface DCIA (sf)		
Pre-existing Sever Type	Disconnected Impervious Area (sf)	Storage Volume (cf)		
Overflow Type	Total System Volume (cf)	Soil Storage Volume (cf)		C₀-
Model Input Category (Click Here For Definitions) Underdrain?	Ponded Storage Volume (cf)	Storage Volume Below Orifice (cf)		
System Function (Click Here For Definitions)	Storage Footprint Area (sf)	infiltration Footprint (sf)		
Infiltration Text Type	Ponding Surface Area (sf)	infiltration Depth Head (ft)		
infitration Test Date	Slow Release Hydraulic Head (ft)	Orifice Diameter (in)		

3. User can select which phases they would like to create for the system (via checkboxes upon clicking "Save New System").

GreenIT	Data Entry Application (8/1	L1/22) - TEST			· · · · · · · · · · · · · · · · · · ·	GreenIT	WATER	User Manual PWD Design Report Definitions
Dashboard	Project 1-7th St, 8th St, and Cumberland	d St (Hartranft School) 💌	Ŧ					Hello aaraujo@jmttg.com! 🔻
	Infiltration Test Type		Ŧ	Ponding Surface Area (sf)	Infiltration Depth Head (ft)			
	Infiltration Test Date			Slow Release Hydraulic Head (ft)	Orifice Diameter (in)			
	Infiltration Rate (In/hr)	Borehole Depth (ft)		Override Calculated Storm Size Managed?	Calculated Storm Size Managed (in	<u>):</u>		
	Bedrock Encountered?	Select Phases Select the phases you want to create new system data for: Design (required) A-B-Built				×		
	Primary Program Parking	As-Maintained			ОК	Cancel		
	Secondary Programs(s) Alleys/Driveways Campuses Facilities Industry & Business Open Space Schools Streets Variant Land		×					

If the user does not select certain phases, they will show with NO DATA when the System is created.

GreenIT	: Data Entry Appli	ication (8/11/22) - TES	г			Screen	PHILADELPHIA WATER	User Manual PWD Design Report Definitions
Dashboard		and Cumberland St (Hartranft Sch						Hello aaraujo@jmttg.com! 🤜
	Design (HAS PENDING	EDITS) As Built (NO DATA)	As Maintained (NO DATA)					
	THIS IS DRAFT	DATA						
	Fields (Design) - Dr	aft Calculations (Design) - Dra	ft					
	Not Constructed?	Reason Not Constructed			System Number			
		Project Phase			1-4			
	System ID		Completion Status		Contributing Impervious Area (sf)	Contributing Pervious Area (sf)		
	4		No SMPs					
	System Name				Surface DCIA (sf)	Subsurface DCIA (sf)		
	1-4							ß
	Pre-existing Sewer Ty	pe			Disconnected Impervious Area (sf)	Storage Volume (cf)		
	Separate			Ŧ	11			
	Overflow Type				Total System Volume (cf)	Soil Storage Volume (cf)		
	Sewer System			Ŧ				
	Model Input Category	y (Click Here For Definitions)		Underdrain?	Ponded Storage Volume (cf)	Storage Volume Below Orifice (cf)		
	Green Roof		Ŧ					
	System Function (C	lick Here For Definitions)			Storage Footprint Area (sf)	Infiltration Footprint (sf)		
	Disconnection			Ŧ				
	Infiltration Test Type				Ponding Surface Area (sf)	Infiltration Depth Head (ft)		
				Ŧ				
	Infiltration Test Date				Slow Release Hydraulic Head (ft)	Orifice Diameter (in)		

*Phases can be added later from the project page.

GreenIT	: Data Entry Application (8/11/22) - TEST	S Green IT	PHILADELPHIA WATER	User Manual PWD Design Report Definitions
Dashboard	Project 1-7th St, 8th St, and Cumberland St (Hartranft School) System 1-4 💌			Hello aaraujo@jmttg.com! 🔻
	Design (HAS PENDING EDITS) As Built (NO DATA) As Maintained (NO DATA)			
	No as-built phase data exists. Return to the project page to create as-built data for this project.			
I	Return to Project			

- 4. User enters system information
 - a. System ID is automatically generated sequentially and can be updated using "Update System Identifiers".
 - b. System Number is a combination of Project ID and System ID
 - c. Number of SMP's is not editable; this is a summation of the number of SMP's associated with a system.
 - d. App warns if project is missing required information. User selects 'OK' and information is saved

GreenIT: Data Entry Application (8/	/11/22) - TEST			SreenIT	WATER	User Man PWD Design Repor	
Dashboard Project 1-7th St, 8th St, and Cumberla	nd St (Hartranft School) System 1-4 💌			¥1.44		Hello aaraujo@jr	nttg.com! 🔻
Separate		Ŧ	11				
Overflow Type			Total System Volume (cf)	Soil Storage Volume (cf)			
Sewer System		¥					
Model Input Category (Click Here For Green Roof	r Definitions)	Underdrain?	Ponded Storage Volume [cf]	Storage Volume Below Orifice (cf)			
System Function (Click Here For Definition)	aitions)	Ŧ	Storage Footprint Area (5f)	Infiltration Footprint (sf)			
Infiltration Test Type		•	Ponding Surface Area (sf)	Infiltration Depth Head (ft)			
Infiltration Test Date			Slow Release Hydraulic Head (ft)	Orifice Diameter (in)			
Infiltration Rate (in/hr)	Borehole Depth (ft)		Override Calculated Storm Size Managed?	Calculated Storm Size Managed (in): 1			G
Bedrock Encountered?	Depth To Bedrock (ft)		Number of SMPs				
Groundwater Encountered?	Depth To Groundwater (ft)						
Primary Program							
		Ŧ					
The Primary Program field is required.							

5. System is now viewable, editable, and delete-able on the project edit page. If all required system and SMP data is not provided, then "Status" will show as "Incomplete".

	Bit Status Cliced Detector Cliced Detector A c-Sult Complete Combined Image: Combined Visite: Combined M contention Subsurface: slow-rise as complete: slow-rise as complete:	D	ata Entry App	lication (8/	11/22) - TEST							V GreenIT	WATER	User PWD Design R	
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Copy Existing System

As an alternative to creating a new system, a user can copy an existing system(s) and add it to a project.

1. User selects 'Copy Existing Systems' at bottom of Project Details page

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2. In the "Copy System Information" popup, the user selects the checkbox next to the system and manually enters the number of copies for each selected system. The user then selects "Copy Selected Systems". System is copied and added to the list of systems on the project details page.

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Update System Numbering

This functionality allows users to change the System ID in the event there were errors or changes from what was initially entered. The changes will affect both System and SMP Numbering.

1. On the Project Details screen, user selects "Update System Numbering".

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1 System Number Sever Type System Function Model Input Category Last Updated Completion Status # SMPs 1 1-1 Combined Infitration Subsurface Infitration 8/10/2022 Complete Draft 1 / ③ 2 1-2 Combined Detention/Slow Release Subsurface Slow release (unlined) 8/2/2022 Complete Draft 1 / ④ 3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Draft 1 / ④ 4 1-4 Separate Disconnection Green Roof 8/11/2022 No SMPs Pending Addition 0 / ④		0												
Image: sever Type System Function Model Input Category Last Updated Completion Status # SMFs 1 1-1. Combined Inflitration Subsurface inflitration 8/10/2022 Complete Dreft 1 / ③ 2 1-2. Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Draft 1 / ④ 3 1-3. Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Draft 1 / ④ 4 1-4. Separate Disconnection Green Roof 8/1/2022 No SMFs Pending Addition 0 / ④														
Image: sever Type System Function Model Input Category Last Updated Completion Status # SMFs 1 1-1. Combined Inflitration Subsurface inflitration 8/10/2022 Complete Dreft 1 / ③ 2 1-2. Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Draft 1 / ④ 3 1-3. Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Draft 1 / ④ 4 1-4. Separate Disconnection Green Roof 8/1/2022 No SMFs Pending Addition 0 / ④									-					
1 1-1 Combined Inflitration Subsurface inflitration 8/0/2022 Complete Draft 1 ISO 2 1-2 Combined Detention/Slow Release Subsurface slow release (unlined) 8/4/2022 Complete Draft 1 ISO 3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Approved 1 ISO 4 1-4 Separate Disconnection Green Roof 8/1/2022 No SMP's Pending Addition 0 ISO		Project Systems	5				Update S	ystem Names & Numbering	Copy Existing S	ystems Cr	eate New			
2 1-2 Combined Detention/Slow Release Subsurface slow release (unlined) 8/4/2022 Complete Draft 1 Image: Slow release 3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8/2/2022 Complete Approved 1 Image: Slow release Image: Slow release Slow rel		Id System Number	Sewer Type	System Function	Model Input Ca	tegory	Last Updated	Completion Status	Edit Status	# SMPs				
3 1-3 Combined Detention/Slow Release Subsurface slow release (unlined) 8//2022 Complete Approved 1 Image: Complete Approved Image: Complete Image: Complete Image: Complete Image: Complete Image: Complete Image: Complete Image: Complete <t< td=""><td></td><td>1 1-1</td><td>Combined</td><td>Infiltration</td><td>Subsurface infilt</td><td>tration</td><td>8/10/2022</td><td>Complete</td><td>Draft</td><td>1</td><td>$i \otimes$</td><td></td><td></td><td></td></t<>		1 1-1	Combined	Infiltration	Subsurface infilt	tration	8/10/2022	Complete	Draft	1	$i \otimes$			
4 1.4 Separate Disconnection Green Roof 8/11/202 No SMPs Pending Addition 0 🖍		2 1-2	Combined	Detention/Slow Release	Subsurface slow	release (unlined)	8/4/2022	Complete	Draft	1	$i \otimes$			
		3 1-3	Combined	Detention/Slow Release	Subsurface slow	release (unlined)	8/2/2022	Complete	Approved	1	18			
5 1-5 Separate Disconnection Green Roof 8/11/2022 No SMPs Pending Addition 0 🖍		4 1-4	Separate	Disconnection	Green Roof		8/11/2022	No SMPs	Pending Addition	0	/⊗			N
		5 1-5	Separate	Disconnection	Green Roof		8/11/2022	No SMPs	Pending Addition	0	$i \otimes$			Ьŝ

2. In the "Update System Identifiers" popup, the user changes the number next to the. The user will receive an error if multiple items have the same ID. The user then selects "Update".

	Project 1-7th St, 8th St, an IPIT Status	ra cumber an	n or frincing or	1001			Green/T Contact					Hello aaraujo@jmttg
10	Closed.						Jillian Simmor	4				
	Design As-Built	Update Sy	stem Identifiers								ж	
			d Updated Id	Current Name	New Name	System Numb	er SewerType	System Function	Model Input Catego	ry #	SMPs	
	Fields Calculation	1	1	SWT-A2	SWT-A2	1-1	Combined	Detention/Slow Release	Subsurface slow relea	ase (unlined) 1		
	Incomplete Systems	2	2	SWT-B2 & SWT-A3	SWT-B2 & SWT-A3	1-2	Combined	Infiltration	Subsurface infiltration	n 1		
	Author Jillian Simmons	3	3	SWT-83	SWT-83	1-3	Combined	Infiltration	Subsurface infiltration	n 1		
	# of Non-SMP Trees	4	4	1-4	1-4	1-4	Separate	Disconnection	Green Roof	0		
		5	5			1-5	Separate	Disconnection	Green Roof	0		
	Id System Number 1 1-1 2 1-2									Update (Cancel	
	3 1-3 4 1-4	Separate	Disconnection	Greet	n Roof	8/11/2022 N	Io SMPs	Pending Addition	• 18			
		Separate	Disconnection		n Roof		lo SMPs	Pending Addition				

3. ID numbers are updated.

Edit System

1. On the Project Details screen, user selects system for edit.

	ita Entry Appli										V Green IT		PWD Design Report D
	oject 1-7th St, 8th St,	and Cumberlan	d St (Hartranft School) 🔻				Jillian Simmons						Hello aaraujo@jmttj
De	sign As-Built	As-Maintaine	d										
	Fields Calculati	ions											
	Status			Notes	25								
	Incomplete System	ns					e pits and sand layer stora include tree pits and sar						
	Author				orage. IQ 5/21/2015.	, co aposteu to	menade a ce pita and sar	in ayor					
	Jillian Simmons												
	# of Non-SMP Trees												
	# of Non-SMP Trees												
P		5				Update S	System Names & Numbering	g Copy Existing Sy	stems	Create New			
L _	0	S Sewer Type	System Function	Model Input Category	y u	Update S .ast Updated	System Names & Numbering	g Copy Existing Sy Edit Status	stems (# SMPs				
lo	o roject Systems		System Function	Model Input Category Subsurface infiltration						7 8			
1	0 roject Systems	Sewer Type			n 8,	Last Updated	Completion Status	Edit Status	# SMPs	∕ ⊗		L a	
1 1 2 3	0 roject Systems System Number 1-1 1-2 1-3	Sewer Type Combined	Infiltration	Subsurface infiltration Subsurface slow releas Subsurface slow releas	n 8, ise (unlined) 8,	ast Updated 8/10/2022	Completion Status	Edit Status Draft Draft Approved	# SMPs 1 1 1	∕ ⊗ ∕⊗		Ľ₹	
1 1 2 3 4	0 roject Systems 1-1 1-2	Sewer Type Combined Combined	Infiltration Detention/Slow Release	Subsurface infiltration Subsurface slow releas	se (unlined) 8, se (unlined) 8, se (unlined) 8, 8,	ast Updated 8/10/2022 8/4/2022	Completion Status Complete Complete	<mark>Edit Status</mark> Draft Draft	# SMPs 1	∕ ⊗		Ľ\$	

2. The Edit System page opens and user edits system information as desired. System Number is not editable and can only be edited using the **Update System Numbering** functionality described above.

GreenIT:	Data Entry Appli	cation (8/11/2	2) - TEST	r					V GreenIT	WATER	User Manual PWD Design Report Definitions
Dashboard	Project 1-7th St, 8th St, 4	and Cumberland St (H	lartranft Scho	ool) System 1-1 🔻							Hello aaraujo@jmttg.com! 🔻
	Design (HAS PENDING E	DITS) As Built	As Mainta	ined (HAS PENDING EDITS)							
			Draft Da	ta 🖲			Approv	ved Data 🔾			
	Fields (Design) - Dra	aft Calculations (I	Design) - Drat	ft							
		Reason Not Constructed				S	iystem Number				
		Project Phase					1-1				
	System ID			Completion Status			Contributing Impervious Area (sf)	Contributing Pervious Area (sf)			
	1			Complete			22222	22			
	System Name						Surface DCIA (sf)	Subsurface DCIA (sf)			
	SWT-A2							22222			
	Pre-existing Sewer Typ	20					Disconnected Impervious Area (sf)	Storage Volume (cf)			
	Combined				Ŧ			1676			
	Overflow Type						Total System Volume (cf)	Soil Storage Volume (cf)			
	Sewer System				Ŧ		3880				
	Model Input Category	(Click Here For Definiti	ons)		Underdrain?		Ponded Storage Volume (cf)	Storage Volume Below Orifice (f)		Lar
	Subsurface infiltra	ition		Ŧ							
	System Function (Clin	ick Here For Definitions)					Storage Footprint Area (sf)	Infiltration Footprint (sf)			
	Infiltration				Ŧ		970	970			
	Infiltration Test Type						Ponding Surface Area (sf)	Infiltration Depth Head (ft)			
	Modified Borehole	e Percolation			Ŧ			4			
	Infiltration Test Date						Slow Release Hydraulic Head (ft)	Orifice Diameter (in)			

3. If there are pending changes awaiting approval, the user will see Draft and Approved data.

GreenIT	: Data Entry Appli	cation (8/11/2	2) - TEST				⊻ Gi	reenit 🖞	WATER PWC	User Mar D Design Repor	ual rt Definitions
Dashboard	Project 1-7th St, 8th St, a	and Cumberland St (Ha	artranft School)	System 1-1 💌					He	ello aaraujo@jr	nttg.com! 👻
	Design (HAS PENDING E	DITS) As Built	As Maintained (H	AS PENDING EDITS)							
			Draft Data 🖲			A	approved Data 🔿				
	Fields (Design) - Dra	ft Calculations (D	esign) - Draft								
	Not Constructed?	Reason Not Constructed				System Number					
		Project Phase				1-1					
	System ID		Comp	oletion Status		Contributing Impervious Area (sf)	Contributing Pervious Area (sf)				
	1		Cor	nplete		22222	22				
	System Name					Surface DCIA (sf)	Subsurface DCIA (sf)			C	
	SWT-A2						22222			~	5
	Pre-existing Sewer Typ	e				Disconnected Impervious Area (sf)	Storage Volume (cf)				
	Combined				Ŧ		1676				
	Overflow Type					Total System Volume (cf)	Soil Storage Volume (cf)				
	Sewer System				Ŧ	3880					
	Model Input Category	(Click Here For Definitio	ins)		Underdrain?	Ponded Storage Volume (cf)	Storage Volume Below Orifice (cf)				
	Subsurface infiltra	tion		Ŧ							
	System Function (Clin	ck Here For Definitions)				Storage Footprint Area (sf)	Infiltration Footprint (sf)				
	Infiltration				Ŧ	970	970				
	Infiltration Test Type					Ponding Surface Area (sf)	Infiltration Depth Head (ft)				
	Modified Borehole	e Percolation			Ŧ		4				
	Infiltration Test Date					Slow Release Hydraulic Head (ft)	Orifice Diameter (in)				

4. If the user would like to edit a different phase than the current, they can click tab for the phase and then the "Edit Phase" button.

GreenIT	Data Entry Application (8/11/22) - TEST	r		Screen	WATER	User Manual PWD Design Report Definitions
Dashboard	Project 1-7th St, 8th St, and Cumberland St (Hartranft Sch	ool) System 1-1 💌				Hello aaraujo@jmttg.com! 🔻
	Design (HAS PENDING EDITS) As Built As Mainta	ained (HAS PENDING EDITS)				
			Edit Phase			
	THIS IS APPROVED DATA					
	Fields (As Built) - Approved Calculations (As Built	:) - Approved				
	Not Constructed? Reason Not Constructed		System Number			
			1-1			
	System ID	Completion Status	Contributing Impervious Area (sf)	Contributing Pervious Area (sf)		
	1	Complete	22419	0		
	System Name		Surface DCIA (sf)	Subsurface DCIA (sf)		
	SWT-A2		0	22419		
	Pre-existing Sewer Type		Disconnected Impervious Area (sf)	Storage Volume (cf)		
	Combined		0	1676		
	Overflow Type		Total System Volume (cf)	Soll Storage Volume (cf)		
	Sewer System		3880			
	System Function (Click Here For Definitions)		Ponded Storage Volume (cf)	Storage Volume Below Orifice (cf)		
	Infiltration					
	Model Input Category (Click Here For Definitions)	Underdrain?	Storage Footprint Area (sf)	Infiltration Footprint (sf)		
	Subsurface infiltration		970	970		
	Infiltration Test Type		Ponding Surface Area (sf)	Infiltration Depth Head (ft)		
				4		

5. User selects save and system and associated information is updated. The App notifies the user if required values are missing as the save is being completed.

GreenIT	: Data Entry Application (8/11/22) - TE	ST					V GreenIT	WATER	User N PWD Design Rep	
Dashboard	Project 1-7th St, 8th St, and Cumberland St (Hartranft St	hool) Syst	em 1-1 💌						Hello aaraujo@	⊉jmttg.com! 🔻
	Design (HAS PENDING EDITS) As Built (HAS PENDI	IG EDITS)	As Maintained (HAS PENDING EDITS)							
	Draft I	Data 🖲		Approved I	Data					
	Fields (As Built) - Draft Calculations (As Built) -	Draft								
	Not Constructed? Reason Not Constructed			System Number						
			Ŧ	1-1						
	System ID	Completion	Saved with Errors		×	ious Area (sf)				
	1	Complet		ore submitting to PWD: e given phase. Please confirm this correct for the given ph	ase before					
	System Name		finalizing and submitting to GreenIT.			sf)				
	SWT-A2									
	Pre-existing Sewer Type Combined					: <u>f)</u>				D3
	Overflow Type				ОК	ne (cf)				
	Sewer System			3000		27.322				
	Model Input Category (Click Here For Definitions)		Underdrain?	Ponded Storage Volume (cf) St	orage Volume	e Below Orifice (c	Ω			
	Subsurface infiltration		▼							
	System Function (Click Here For Definitions)				filtration Foot	print (sf)				
	Infiltration		Ŧ	970	970					
	Infiltration Test Type				filtration Dep	th Head (ft)				
			*		1					
	Infiltration Test Date			Slow Release Hydraulic Head (ft) 0	ifice Diamete					

6. User can view system level calculations by clicking the 'Calculations' tab.

Project 1-7th St, 8th St, and Cumberland St (Hartranth School) System 1-1 Design (HAS PENDING EDITS) As Built (HAS PENDING EDITS) As Maintained (HAS PENDING EDITS) Draft Data Calculations (Design) - Approved Calculations (Design) - Approved Fields (Design) - Approved Calculations (Design) - Approved Calculations (Design) - Approved Credited Greened Acres (acre-in); 1.03 Total Contributing Drainage Area (rf); 22,419 Greened Acres (acre-in); 0.46 Loading Ratio for Total Contributing Unainage Area; 23.11 Credited Storm Size Managed (in); 0.9 Surface Loading Ratio for Contributing Impervious Area; 23.11	Hello aarau
Draft Data Approved Data Fields (Design) - Approved Calculations (Design) - Approved Credited Greened Acres (acre-in): 1.03 Greened Acres (acre-in): 0.45 Credited Strom Size Managed (in) 2 Loading Ratio for Contributing Invine generations and the series 23.11	
Fields (Design) - Approved Calculations (Design) - Approved Credited Greened Acres (acre-in); 1.03 Total Contributing Drainage Area (sf); 22,419 Greened Acres (acre-in); 0.46 Loading Ratio for Total Contributing Drainage Area; 23.11 Credited Storm Size Managed (in) 2 Loading Ratio for Contributing Impervious Area; 23.11	
Credited Greened Acres (arc-in); 1.03 Total Contributing Drainage Area (sf); 22,419 Greened Acres (arc-in); 0.46 Loading Ratio for Total Contributing Drainage Area; 23.11 Credited Storm Size Managed (to) 2 Loading Ratio for Contributing Impervious Area; 23.11	
Greened Acres (acre-in); 0.46 Loading Ratio for Total Contributing Drainage Area; 23.11 Credited Storm Size Managed (in) 2 Loading Ratio for Contributing Impervious Area; 23.11	
Credited Storm Size Managed (In) 2 Loading Ratio for Contributing Impervious Area: 23.11	
Storm Size Managed (in): 0.9 Surface Loading Ratio for Contributing Imp. Area NULL	
Peak Release Rate NULL Subsurface Loading Ratio for Contributing Imp. Area 23.11	
1d # SMP Type Footprint Last Update Completion Status Edit Status	
Ind # SMP Type Produmit Lass Opdate Completion status Constatus 1 1-1-1 Tree Trench 970 8/2/2022 Complete Approved	/⊗

Delete System

1. On the Project Edit page, user selects the system to be deleted.

T: Dat	ta Entry Appl	ication (8/	11/22) - TEST							V GreenIT	WATER	User I PWD Design Re
Proj Clos		. and Cumberlar	nd St (Hartranft School) 👻			Jillian Simmons						Hello aaraujo
Desi	sign As-Built	As-Maintaine	ed									
	Fields Calculat	tions										
	Status			Notes								
	Incomplete System	ms				e pits and sand layer stora						
	Author			5/20/2015 . Green storage. IQ 5/21/2		o include tree pits and sar	nd layer					
	Jillian Simmons											
	# of Non-SMP Trees											
	0											
Pr	oject System	s			Update	System Names & Numbering	g Copy Existing Sy	stems	Create New			
	System Number	Sewer Type Combined	System Function	Model Input Category Subsurface infiltration	Last Updated 8/10/2022	Completion Status Complete	Edit Status Draft	# SMPs				
	1-1	Combined	Detention/Slow Release	Subsurface slow release (unlined)	8/4/2022	Complete	Draft	1				
	1-3	Combined	Detention/Slow Release	Subsurface slow release (unlined)	8/2/2022	Complete	Approved	1				
	1-4	Separate	Disconnection	Green Roof	8/11/2022	No SMPs	Pending Addition	0	/⊗			
5	1-5	Separate	Disconnection	Green Roof	8/11/2022	No SMPs	Pending Addition	0				

2. Apps asks user to confirm deletion.

losed Lesign As-Built	As-Maintain ulations stems	umberland St (Hartranft School) >	5/20/2015 . Gree storage. IQ 5/21/	ned acres updated to	Jillian Simmons	orage. IQ				Hello aarauje
Fields Calcul Status Incomplete Syst Author Jillian Simmons # of Non-SMP Trees 0 Project System Id System Number 1 1-1 2 1-2	ulations stems	faintained	Greened acres up 5/20/2015 . Gree storage. IQ 5/21/	ned acres updated to 2015.						
Status Incomplete Syst Author Jillian Simmons # of Non-SMP Trees 0 Project System System Number 1 1-1 1 -1 2 1-2	stems		Greened acres up 5/20/2015 . Gree storage. IQ 5/21/	ned acres updated to 2015.						
Incomplete Syst Author Jillian Simmons # of Non-SMP Trees 0 Project System System Number 1 1-1 1 1-1 2 1-2	s		Greened acres up 5/20/2015 . Gree storage. IQ 5/21/	ned acres updated to 2015.						
Author Jillian Simmons # of Non-SMP Trees 0 Project System System Number 1 1-1 1 -1 2 1-2	s		5/20/2015 . Gree storage. IQ 5/21/	ned acres updated to 2015.						
Jillian Simmons # of Non-SMP Trees 0 Project System 1 1-1 1 -1 2 1-2				Delete System						
0 Project System Id System Number 1 1-1 2 1-2	25				ж					
Project System d System Number 1 1-1 2 1-2				Do you want to delet for system 1-5 from 3						
Id System Number 1 1-1 2 1-2				Cumberland St (Hart						
Id System Number 1 1-1 2 1-2										
Id System Number 1 1-1 2 1-2	ms				Yes No	ing Copy Existing Sy:	stems (Create New		
1 1-1 2 1-2								_		
2 1-2			Model Input Category Subsurface infiltration	Last Updated	Completion Status	Edit Status Draft	# SMPs			
	Combined			8/10/2022	Complete		1			
	Combined		Subsurface slow release (unlined)	8/4/2022	Complete	Draft	1	18		
	Combined	bined Detention/Slow Release	Subsurface slow release (unlined)	8/2/2022	Complete	Approved	1	$i \otimes$		
4 1-4		arate Disconnection	Green Roof	8/11/2022	No SMPs	Pending Addition	0	$i \otimes$		
5 1-5	Separate	arate Disconnection	Green Roof	8/11/2022	No SMPs	Pending Addition	0	$i \otimes$	<u></u> ₽	
	Separate Separate									
Return to Dashboard										

3. User selects 'Yes' to confirm deletion, and system and associated SMP's are deleted from Project Edit Screen.

Create Data for Phase

 On the Project Edit page, user selects "Create (Phase) Data". The phase will correspond tab user is on: Design, As-Built, or As-Maintained. If no data needs to be created for that phase, then the button will not be present.

Green	T: Data Entry Application (8/11/22) - TEST			S Green IT	WATER	User Manual PWD Design Report Definitions
Dashboard	Project 154-Duval St, Crittenden St, and Johnson St (Anna B. Da	School) 👻				Hello aaraujo@jmttg.com! 🔻
	Project ID 154	Work Number 50019	Latest Phase Design			
	Project Name Duval St, Crittenden St, and Johnson St (Anna B. Day School)	Last Update 8/3/2022	Last Approver			
	CIPIT Status Construction-Contract Closed		GreenIT Contact Elizabeth Lutes			
	Design As-Built As-Maintained					
	Fields Calculations					
	Status No Systems Author	Notes				[₂
	# of Non-SMP Trees 0					
	Create As-Built Data					
1.11. 11. 11.	Return to Dashboard Save Project Changes					

2. The "Create Missing Design Data?" page opens and indicates which items are missing from the current phase. User clicks "OK" to create data.

GreenIT	: Data Entry Application (8/11/22) - TEST						S GreenIT	PHILADELPHIA WATER	User Manual PWD Design Report Definitions
Dashboard	Project 154-Duval St, Crittenden St, and Johnson St (Anna B. Day	School) 💌							Hello aaraujo@jmttg.com! 🔻
	Project ID 154	Work Number 50019		Latest Phase Design					
	Project Name Duval St, Crittenden St, and Johnson St (Anna B. Day School)	Last Update		Last Approver					
	Davarist, critteriden st, and Johnson st (Anna B. Day School)	Create As-Built Data?			1	4			
	CIPIT Status	System	SMP						
	Construction-Contract Closed	SWT-A2	-		View				
			SWT-A2		View				
	Design As-Built As-Maintained	SWT-A3	-		View				
		•	SWT-A3		View				
	Fields Calculations	SWT-A4			View				
	Status	-	SWT-A4		View				
	No Systems	SWT-A6	- SWT-A6		View View				
	No Systems	154-5	5VV 1-A6		View				
	Author		Bolded items from this pl						
		_							
	# of Non-SMP Trees				Cancel OK				à
	Create As-Built Data								
	Return to Dashboard Save Project Changes								

3. Data is created and accessible from the System page.

Return to Project Dashboard

User can return to Project Dashboard by selecting 'Return To Dashboard'

Data Entry	Application (8)	/11/22) - TEST								V GreenIT	WATER	User Manual PWD Design Report Defi
Project 154-Du	val St, Crittenden St, an	ıd Johnson St (Anna E	8. Day School) 💌			Elizabeth Lutes						Hello aaraujo@jmttg.
construction-ce	intract closed					Enzabeth Eutes						
Design As-	Built As-Maintain	ed										
Fields	Calculations											
Status				Notes								
Incomplet	e Systems											
Author												
Aution												
# of Non-SM	? Trees											
0												
									Create New			
Project Sy	stems				Update	ystem Names & Numbering	Copy Existing Syst	ems (Lieate New			
Project Sy		System Function	Model Input Category	Last Updated	Update Completion Status	ystem Names & Numbering Edit Status	Copy Existing Syst	# SMPs				
		System Function	Model Input Category Subsurface Infiltration	Last Updated 8/11/2022								
Id System Nu	mber Sewer Type				Completion Status	Edit Status	Not Constructed?	# SMPs			G	
ld System Nu 1 154-1	mber Sewer Type Combined	Infiltration	Subsurface infiltration	8/11/2022	Completion Status	Edit Status Phase Data Added	Not Constructed? No	# SMPs	/ ×		Ģ	
Id System Nu 1 154-1 2 154-2	mber Sewer Type Combined Combined	Infiltration	Subsurface infiltration Subsurface infiltration	8/11/2022 8/11/2022	Completion Status Complete Complete	Edit Status Phase Data Added Phase Data Added	Not Constructed? No No	# SMPs 1 1	/ ⊗ / ⊗		G	

SMPs

The system edit screen provides the ability for a user to add a SMP to a system, to copy an existing SMP and add it to the system, to edit an existing SMP, to delete a SMP, to return to the system details page, to update SMP identifiers, and to return to the project dashboard.

T: D	ata Entry Appli	cation (8/11/22)	- TEST				⊻ G	reenIT WATER	User Man PWD Design Repor
F	Project 154-Duval St, Cr	ittenden St, and Johnson	St (Anna B. Day School)	System 154-1 💌					Hello aaraujo@jn
	Bedrock Encountered	?	Depth To Bedroc	<u>* (ft)</u>	Number of Sh	IPs .			
	Groundwater Encount	tered?	Depth To Ground	dwater (ft)					
	Primary Program Streets				Ŧ				
	Secondary Programs() Alleys/Driveways Campuses Facilities Industry & Busin Open Space Parking Schools Struete Save System Chr	ess			ļ				
I	System SMPs						Update SMP Name & Ide	entifiers Copy Existing SMPs	Create New
		SMP Type	Footprint	Last Update	Completion Status	Edit Status	Not Constru	ucted?	
I	ld #	Sivir Type							

Add SMP

A user can add a new SMP to the system. The steps involved include:

1. User selects 'Create New' at bottom of System Edit page

sait Project 154 Duval SL, Crittenden SL, and Johnson SL (Anna B. Day School) System 1541 • sedirack Incountered? Depth To Bedrock (II) Image: Project 154 Duval SL, Crittenden SL, and Johnson SL (Anna B. Day School) Sedirack Incountered? Depth To Bedrock (II) Image: Project 154 Duval SL, Crittenden SL, and Johnson SL (Anna B. Day School) Sedirack Incountered? Depth To Bedrock (II) Image: Project 154 Duval SL, Crittenden SL, and Johnson SL (Anna B. Day School) Street S Street S Street S Image: Project 154 Duval SL, Crittenden SL, and Johnson SL (Anna B. Day School) Street S Depth To Bedrock (II) Image: Project 154 Duval SL (Crittenden SL and Johnson SL (Anna B. Day School) Street S Street S </th <th>Bedrock Encountered? Dreph To Enclosed (f) Image: Depth To Enclosed (f) Image: Dep</th> <th>enIT: Data Entry Application (8/11/</th> <th>22) - TEST</th> <th></th> <th>MGreenIT</th> <th>PHILADELPHIA User Man PWD Design Report</th>	Bedrock Encountered? Dreph To Enclosed (f) Image: Depth To Enclosed (f) Image: Dep	enIT: Data Entry Application (8/11/	22) - TEST		M Green IT	PHILADELPHIA User Man PWD Design Report
Image: second water (fround weeter (fr) Presh: Second water (fround weeter (fr) Primary Program Second water (fround weeter (fr) Second water (fround weeter (fr) Image: second water (fround weeter (fr) Second water (fround weeter (fr) Second water (fround weeter (fr) Image: second water (fround weeter (fr) Second water (fround weeter (fr) Second water (fround weeter (fr) Image: second water (fround weeter (fr) Image: second water (fround weeter (fr) Second water (fround weeter (fr) Second water (fround weeter (fr) Image: second water (fround weeter (fr) Second water (fround weeter (fr) Image: second water (fround weeter (fr) Second water (fround weeter (frou (frout (frout (frout (frout (frout (frout (Image: second with the image: sec	ard Project 154-Duval St, Crittenden St, and Joh	ison St (Anna B. Day School) System 154-1 💌			Hello aaraujo@jm
Primary Program Streets Streets Secondary Program(s) Alley/Ordeways Gampuas Fadilities Induity & Business Save System Changes System SMPs Update SMP Name & Lefentile Markey Deprint Last Update Tompetion Status Last Update Completion Status Last Update Completion Status Last Update Completion Status Last Update Completion Status Last Update Completion Status Last Update Last Update	Primary Program Streets Streets Secondary Program(s) Alley/Driveways Gampuas Fadilities Induityt & Business Barking Schols Travit Streets Streets Streets Streets Streets Coper Space Streets S		Depth To Bedrock (ft)			
Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Streets Id # SMP Type Footprint List Update Completion Status Edit Status Not Constructed?	Streets • Streets • Secondary Program(s) • Alleps/Drowwaps • Compuses • Industry & Business • Open Spaces • Parking • Schools • Streets • VipdetsMP Name & Identifiers Copy Existing SMs Id # SMP Type Footprint List Update Completion Status Edit Status Not Constructed?		Depth To Groundwater ([t]			
Save System Changes Id # SMP Type Footprint Lest Update Completion Status Edit Status Not Constructed?	Secondary Programs(s) Alley/Driveways Grampuses Fabilities Industry & Business Open Space Parking Shools treast Save System Changes Id # SMP Type Footprint Last Update Completion Status Edit Status Not Constructed? Cente Net	Primary Program				
Alleys/Driveways Gampuas Gampuas Industry & Business Open Space Save System Changes System SMPs Update SMP Name & Identifiers M SMP Type (Completion Status) Edit Status Not Constructed?	Alleys/Driveways Gampuss Campuss Industry & Business Open Space Parking Schools travets System SMPs Vgdate SMP Name & Identifiers (Copy Existing SM) Create New	Streets		•		
Id # SMP Type Footprint Last Update Completion Status Edit Status Not Constructed?	Id # SMP Type Footprint Last Update Completion Status Edit Status Not Constructed?	Campuses Facilities Industry & Business Open Space Parking Schools Krowst				
		System SMPs			Update SMP Name & Identifiers Co	py Existing SMPs Create New
1 154-1-1 Tree Trench 1480 8/11/2022 Complete Phase Data Added No	1 154-1-1 Tree Trench 1480 8/11/2022 Complete Phase Data Added No 🖍	Id # SMP Type	Footprint Last Update	Completion Status Edit Status	Not Constructed?	
		1 154-1-1 Tree Trench	1480 8/11/2022	Complete Phase Data A	dded No	

2. User is brought to the Create New SMP Page.

I: Data Entry Application (8/	11/22) - TEST			Screenit WAT	PWD Design Re
Project 154-Duval St, Crittenden St, and	d Johnson St (Anna B. Day School) System 154-1	-			Hello aaraujo
Create New SMP					
SMP ID	Status		SMP Number		
2			154-1-2		
SMP Type (Click Here For Definitions)			SMP Name		
Infiltration/Storage Trench		*	154-1-2		
SMP Footprint (sf)			Storage Type(s) Stone		
Storage Type Depth (ft)			Modular Soll Ponding		
Vegetated Area (sf)			Pipe Sand Ponding Depth (in)		
Pervious Area (sf)					
			Pretreatment Type(s) Forebay		*
Number Of Trees			Inlet Insert		
0			Sump		
			Trapped Inlet		
			Upstream SMP		
Return to System Save New SMP			Filter Strip Water Quality Device		
Return to System Save New SMP					

3. User enters SMP information (NOTE: Users can decide which phases to create the data for via the checkboxes upon saving)

- a. SMP ID is automatically generated sequentially and is only editable through the update SMP ID functionality.
- b. Name is editable through Update Name and Numbering feature.
- c. App warns user if project is missing required information. *See "Key App Business Rules" for additional background on required fields.*
- 4. User selects save and SMP and associated information is saved

GreenIT: Data Entry Application (8/11	1/22) - TEST			S Green IT	PHILADELPHIA WATER	User Manual PWD Design Report Definitions
Dashboard Project 154-Duval St, Crittenden St, and Jo	ohnson St (Anna B. Day School) System 154-1 🤜					Hello aaraujo@jmttg.com! 🤜
Create New SMP						
SMPID	Status		SMP Number			
2			154-1-2			
SMP Type (Click Here For Definitions)			SMP Name			
Infiltration/Storage Trench		Ŧ	154-1-2			
SMP Footprint (sf)			Storage Type(s)			
	Select Phases			×		
Storage Type Depth (ft)	Select the phases you want to create new SMP data for: Design (required)					
	As-Built					
Vegetated Area (sf)						
				OK Cancel		
Pervious Area (s[)			Pretreatment Type(s)			S
			Forebay			
Number Of Trees			Inlet Insert Sump			
0			Screen			
			Trapped Inlet			
			Upstream SMP Filter Strip			
			Water Quality Device			*
Return to System Save New SMP						

5. SMP is now viewable, editable, and delete-able on the system details page.

nlT: Da	ata Entry App	blication (8/11/22) - TES	т				M GreenIT	WATER User M PWD Design Rep
rd Pr	roject 154-Duval St,	Crittenden St, and Johnson St (Anna	a B. Day School) System 154-1 💌					Hello aaraujo@
					2			
	Groundwater Enco	untered?	Depth To Groundwater (ft)					
	Primary Program							
	Streets			Ŧ				
s	Campuses Facilites industry & Bu Open Space Parking Schools Streats	siness Shanges		ļ		Update	SMP Name & Identifiers Copy	Existing SMPs Create New
1	ld #	SMP Type	Footprint	Last Update	Completion Status	Edit Status	Not Constructed?	
1	1 154-1-1	Tree Trench	1480	8/11/2022	Complete	Phase Data Added	No	/⊗
	2 154-1-2	Infiltration/Storage Trench		8/11/2022	Incomplete	Pending Addition	No	Į⊗

Copy Existing SMP

As an alternative to creating a new SMP, a user can copy an existing SMP(s) and add them to the system.

	1.	User selects	'Copy Existing SMPs'	at bottom of	f System Details page
--	----	--------------	----------------------	--------------	-----------------------

	ata Entry App	lication (8/11/22) - TES	т				Screenit 🗰	User Mar USER PWD Design Report
Pr	roject 154-Duval St,	Crittenden St, and Johnson St (Anna	B. Day School) System 154-1					Hello aaraujo@jr
					2			
	Groundwater Enco	untered?	Depth To Groundwater (ft)					
	Primary Program							
	Streets			•				
	Alleys/Drivew Campuses Facilities Industry & Bu: Open Space Parking Schools Straete Save System C	siness		ļ		Update	SMP Name & Identifiers	ig SMPs Create New
s	System SMPs							
١.	ld #	SMP Type	Footprint	Last Update	Completion Status	Edit Status	Not Constructed?	
		SMP Type Tree Trench	Footprint 1480	Last Update 8/11/2022	Completion Status Complete	Edit Status Phase Data Added	Not Constructed?	/ ⊗ / ⊗

2. In the popup, the user selects the checkbox next to the SMP to be copied and types in the number of copies for each selected SMP. User then selects 'Copy Existing SMPs'.

oard Project 1-7th St, 8th St, and C Bedrock Encountered? Groundwater Encountered?	Cumberland St (Hartranft Schor	ol) System 1-1 💌	N					Hello Colin.Cosine@cu
Groundwater Encountered?		Depth To Bedrock (ft)	N					
	?	Depth To Groundwater (ft)		mber of SMPs				
Primary Program Streets			Ŧ					
Alleys/Driveways	Copy Existing SMPs Select the SMPs voi	u wish to copy, as w	vell as the number of	copies of each SMP to m	ake:		×	
Facilities	Select # of Copies Id 1 1	SMP Type Tree Trench		Name 1	Comments			
Save System Chan								
System SMPs					Copy Se	lected SMPs Cancel	g SMP	s Create New
ld #	SMP Type	Footprint	Last Update	Completion Status		Edit Status		
1 1-1-1	Tree Trench	970	8/2/2022	Complete		Approved		/⊗

3. SMP is copied and added to the list of SMP's on the system details page.

ard Project 1-7th St, sith Groundwater Enc	n <u>s(s)</u> ays	t School) System 1-1 Depth To Groundwater (ft)		2		Hello Colin Cosine@curve:
Groundwater Enco	n <u>s(s)</u> ays	Depth To Groundwater (ft)		2		
Streets Secondary Program Alleys/Drivey Facilities Industry & Bull Open Space	rays		×			
Secondary Program	rays		·			
Alleys/Drivev Campuses Facilities Industry & Bu Øpen Space	rays		i			
System SMPs					Update SMP Name & identifiers Copy Existing S	SMP; Create New
Id #	SMP Type	Footprint	Last Update	Completion Status	Edit Status	
1 1-1-1	Tree Trench	970	8/2/2022	Complete	Approved	
2 1-1-2	Tree Trench	970	8/11/2022	Complete	Pending Addition	/⊗

Edit SMP

1. On the System Edit screen, user selects SMP for edit.

Project 154-Duval 50, Crittender 52, und Johnson 52 (Anna 80. Day School) System 154-1 2 Primary Program Streets • Streets • • Campoos • • Primary Program • • Streets • • Campoos • • Primary Program • • Streets • • Streets • • Campoos • • Primary Program • • Streets • •	Computered? Petrit is Groundwater (f) Primary Program Streets Streets Streets Computered? Primary Program Streets Streets <th>F: Data</th> <th>Entry Appli</th> <th>cation (8/11/22) - TES</th> <th>•</th> <th></th> <th></th> <th></th> <th>SGreenIT</th> <th>PHILADELPHIA WATER</th> <th>User M PWD Design Re</th>	F: Data	Entry Appli	cation (8/11/22) - TES	•				S Green IT	PHILADELPHIA WATER	User M PWD Design Re
Since Support Primary Program Streets Secondary Program(s) Secondary Program(s) Streets Secondary Regues Streets <	Since Support Primary Program Streets Secondary Program(s) Secondary Program(s) Streets Secondary Regues Streets <	Proje	ct 154-Duval St, Cr	ittenden St, and Johnson St (Anna	B. Day School) System 154-1 🔻						Hello aaraujo
Big Constructure end	Big Burgh To Groundwater (f) Primary Program Streets Computer Support Computer Support Computer Support Streets Streets <						2				
Streets • Secondary Programs(s) • Allep/Driveways • Campuses • Parking • Schols • Streets • <t< td=""><td>Streets • Secondary Programs(s) • Allep/Driveways • Campuses • Parking • Sobols • Streets • <t< td=""><td></td><td></td><td>ered?</td><td>Depth To Groundwater (ft)</td><td></td><td></td><td></td><td></td><td></td><td></td></t<></td></t<>	Streets • Secondary Programs(s) • Allep/Driveways • Campuses • Parking • Sobols • Streets • <t< td=""><td></td><td></td><td>ered?</td><td>Depth To Groundwater (ft)</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			ered?	Depth To Groundwater (ft)						
Secondary Programs(b) Alley/Driveways Campuses Facilities Open Space Parking Shools Streamet	Secondary Programs(b) Alley/Driveways Campuses Facilities Open Space Parking Shools Streame Status Copy Existing SMPs Update SMP Name & Identifiers Copy Existing SMPs	F	Primary Program								
Alleps/Dhreeways Campuses Facilities Indutry & Business Open Space Parking Skobols Streats	Allegy/Drivervays Campues Facilities Indutry & Business Open Space Parking Stools Streats Save System Changes Lydate SMP Rume & identifiers Copy Existing SMPs		Streets								
ld # SMP Tune Footmint Last Undate Completion Status Edit Status Not Constructed?	ld # SMPTyne Fontrylint Last Uniate Commiletion Status Fills Status Not Constructed?		Campuses Facilities Industry & Busine Open Space Parking Schools Streats Save System Cha	255							
Id If SMP type Lost Update Completion Status Edit Status Not Constructed? 1 154-1-1 Tree Trench 1480 8/11/2022 Complete Phase Data Added No Image: Complete 2 154-1-2 Infiltration/Storage Trench 8/11/2022 Incomplete Pending Addition No Image: Complete	Id If SMP type Footprint Last Update Completion status Edit Status Not Constructed? 1 154-1-1 Tree Trench 1480 8/11/2022 Complete Phase Data Added No Image: Complete 2 154-1-2 Infiltration/Storage Trench 8/11/2022 Incomplete Pending Addition No Image: Complete									oy Existing SMPs	Create New
1 199-1-1 refer (refin) 1400 of 11/2022 Complete Phase Data Added No 2 154-1-2 Infiltration/Storage Trench 8/11/2022 Incomplete Pending Addition No	1 13x+1-1 Interview 1400 0/11/2022 Complete Prose Data Added NO 2 154-1-2 Infiltration/Storage Trench 8/11/2022 Incomplete Pending Addition No Image: Complete Comp										
2 134-22 imitication/storage renkn o/11/2022 incomplete Pending Addition No	2 134-2-2 Infinitestualy-storage renkin o/11/2022 Incomplete Penaing Adatton No V				1480						
		2	104-1-2	minication/storage Trench		0/11/2022	incomplete	renuing Addition	NO		

2. The SMP Edit page opens and user edits information as desired.

GreenIT	Γ: Data Entry Appli	ication (8/11/22) - TES	т			S GreenIT	PHILADELPHIA WATER	User Manual PWD Design Report Definitions
Dashboard	Project 1-7th St, 8th St,	and Cumberland St (Hartranft Sch	ool) System 1-1 💌 SMP 1-1-1 💌					Hello Colin.Cosine@curve.com! 🔻
I	Edit Practice:	1-1-1						
	Design As Built	As Maintained (HAS PENDING E	DITS)					
	THIS IS APPROV	/ED DATA						
	Not Constructed?	Reason Not Constructed			SMP Number			
		Project Phase			1-1-1			
	SMP ID		Status		SMP Name			
	1		Complete		1			
	SMP Type (Click Here For	r Definitions)			Storage Type(s)			
	Tree Trench			-	Stone			
					Modular Soil			
	SMP Footprint (sf)				Soll Ponding			
	970				Pipe			
	Storage Type Depth (ft)				Sand			
	4				Ponding Depth (in)			
	4							
	Vegetated Area (sf)							
	48				Pretreatment Type(s)			
					Forebay		i i i	
	Pervious Area (sf)				□ Inlet Insert ✓ Sump			
	48				Screen			
					Trapped Inlet			
	Number Of Trees				Upstream SMP			
	3				Filter Strip			
					Water Quality Device			

3. User selects save and SMP and associated information is updated.

Delete an SMP

1. On the System Details page, user selects 'Delete' next to the SMP to be deleted (assuming the user has project edit rights).

IT:	Data Entry App	lication (8/11/22) - TES	т				User Man PWD Design Report
d	Project 1-7th St, 8th S	٥t, and Cumberland St (Hartranft Sch	nool) System 1-1 💌				Hello Colin.Cosine@cu
				2	2		
	Groundwater Enco	untered?	Depth To Groundwater (ft)				
	Primary Program						
	Streets			v			
	Allers/Drivew Campuses Facilities Facilities Industry & Bu Open Space Parking Schools Streets Save System C	siness		ļ			
	System SMPs					Update SMP Name & Identifiers Copy Existing SM	Ps Create New
			Footprint	Last Update	Completion Status	Edit Status	
	ld #	SMP Type					10
	ld # 1 1-1-1 2 1-1-2	SMP Type Tree Trench Tree Trench	970 970	8/2/2022 8/11/2022	Complete	Approved Pending Addition	/⊗ /⊗

2. App will prompt user to confirm deletion.

 Jata Entry	Application (8/11/22)	- 1EST			Screen	IT WATER User M PWD Design Rej
	8th St, and Cumberland St (Hart	ranft School) System 1-1 🔻				Hello Colin.Cosine@
Groundwater	Encountered?	Depth To Groundwater (ft)		2		
Primary Prog	am					
Streets			,	•		
Alleys/O Campus Facilitie: Industry Open Sp Parking Schools Streets Save Syst	es & Business ace am Changes			Delete SMP x Do you want to delete the Design data or SMP 1-1-2 from SWT-A2? Yes No	Update SMP Name & Identifiers	Copy Existing SMPs Create New
						Copy Existing SMPs Create New
1d # 1 1-1-1	SMP Type Tree Trench	Footprint 970	Last Update 8/2/2022	Completion Status Complete	Edit Status Approved	
2 1-1-2	Tree Trench	970	8/11/2022	Complete	Pending Addition	

3. User selects 'Yes' to confirm deletion and SMP is deleted from System Details Screen.

Return to Project Edit Page

User can return to Project Details page by selecting clicking on the project name in the navigation bar.

Colin.Cosine@curve.com!

SUBMISSION AND APPROVAL

This section covers the submission and approval process whereby data from the Web-based GreenIT Data Entry Application is submitted to PWD approvers who can authorize import into PWD's GreenIT system through a nightly file transfer process. Data in the application will either be in a 'Draft' or 'Approved' state, which is further defined as:

- **DRAFT** data that has not yet been approved and transferred to PWD's GreenIT system.
- APPROVED final data as stored in PWD's GreenIT system.

Submit For Review

After Editing or Adding new data for any phase and saving, the edited data will be a draft until it has been approved by a PWD approver.

GreenIT	: Data Entry Applica	ation (8/11/22) - TEST			Screen IT	VATER User Man PWD Design Report	nual rt Definitions
Dashboard	Project 21-Blue Bell Inn Tr	iangle Park System 21-1 💌 SMP 21-1-1				Hello Colin.Cosine@cu	urve.com! 🔻
	Edit Practice: 2	1-1-1					
	Design As Built	As Maintained (HAS PENDING EDITS)					
			Edit Phase				G
		Draft Data 🖲		Approved Data 🔾			
	Retired/Not Constructed?	Reason Retired/Not Constructed	SMP Number				
			21-1-1				
	SMP ID	Status	SMP Name				
	1	Complete	1				
	SMP Type (Click Here For D	efinitions)	Storage Type(s)				
	Swale		Stone				
			Modular				
	SMP Footprint (sf)		Soil				
	2485		Ponding Pipe				
	Storage Type Depth (ft)		Sand				
	0.25		Ponding Depth (in)				
	0.25		3				
	Vegetated Area (sf)						
	2485		Pretreatment Type(s)				
			Forebay				
	Pervious Area (sf)		Sump				
	2485		Screen				
	Number Of Trees		Trapped Inlet				
			Upstream SMP				

1. Once all required information has been filled out and saved, the user will click the "Submit Changes" button next to their project on the Dashboard.

T: Data	Entry	Application (8/11/22) - TEST										S Green IT	WATER	Use PWD Design	r Manua Report E
rd														Hello Colin.Cosin	ne@curv
Projec	ct name,	work number, author or ID									Search Projects S	now All		Add New Proje	ct
Work Number	Project ID 🔶	Project Name		# Sy	s CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update 🔶	Last Editor	Last Reviewer	Edit	Submit/Review	Repor
50005	1	7th St, 8th St, and Cumberland St (Hartranft School)	As Maintain	ed 5	Closed	Jillian Simmons	Incomplete Systems - Draft - Phase Author Missing	Complete - Draft - Phase Author Missing	Incomplete Systems - Draft	8/11/2022	IMPORT		1		PDF
50020	2	Welsh School	As Maintain	ed 2	Closed	Jillian Simmons	Complete - Approved	Complete - Draft - Phase Author Missing	Incomplete Systems - Approved		Jsimmons		1		PDF
50004	3	Belfield Ave from Chew Ave to Walnut Ln	As Maintain	ed 12	Closed	Jillian Simmons	Complete - Approved		Complete - Approved	8/10/2022	IMPORT		1		PDF
50009	5	Queen Lane from Henry St to Fox St	As Maintain	ed 7	Closed	Laura Rozumalski	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing		Colin.Cosine@curve.com		1		PDF
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Complete - Draft	Complete - Approved		8/5/2022	Colin.Cosine@curve.com		1	Submit Changes	PDF
50005	9	Palmer St from Frankford Ave to Blair St (Shissler Playground)	As Built	2	Closed	Jillian Simmons	Complete - Approved	Incomplete Systems - Approved		8/3/2022	Colin.Cosine@curve.com		1		PDF
50034	10	Thompson St and Columbia Ave	As Maintain	ed 2	Closed	Shelly Jones	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	IMPORT		1		PDF
			Δc			lillian		Complete -	Incomplete Systems - Draft -						

2. A pop up will display asking the user which phase data to submit depending on the edits they have made. Once the user selects all of the information that they would like to submit for review, they will click the "Submit Data for Review" button to continue.

T: Data	a Enti	y Application (8/11/	22) - TEST									V GreenIT	WATER	User M PWD Design Rep
rd														Hello Colin.Cosine@
								Approvea	Author Missing					
50002	8	Montgomery Ave, Shissler P	ayground	As Built	3 Closed	Jessica Brooks	Complete - Draft	Complete - Approved		8/5/2022	Colin.Cosine@curve.com		1	Submit Changes
50005	9	ranner st nom nanktoru	Submit Data for 12th	St from Dickin	son St to Tasker	St						×	1	
		Playground)	As-Mainta	ained Changes								^	*	-
50034	10	Thompson St and Columb	System		5MP	Edit Type		Edit Date			Edited By		1	
			15 - 1			Edited		/2/2022, 7:34	1:48 AM		IMPORT		- 1	
				1	5 - 1 - 1	Edited	8	/2/2022, 7:34	1:48 AM		IMPORT			
				1	5 - 1 - 2	Edited	8	/2/2022, 7:34	48 AM		IMPORT			
50003	12	4th St and Cambridge St (15 - 2				8	/2/2022, 5:0	5:27 AM		IMPORT		1	
				1	5 - 2 - 1		8	/2/2022, 5:0!	5:27 AM		IMPORT			
50022	13	Madison Memorial Park	Salact the	data to subr	nit (at least one	is required):						hila.g	ov 👔	
50001	14	12th St and Reed St (Colu	Design			As-Built Phase		🗹 As-M	aintained Phas	e	System/SMP Identifier Changes		1	
50001	15	12th St from Dickinson St	Enter any comme	ents below:									1	Submit Changes
											Cancel Submit Data for	r Review		
50001	16	10th St from Wilder St to				Simmons	Phase Author Missing	Approved					1	
50019	17	Moyamensing Ave and Morr Square)	is St (Dickinson	Design	3 Construction Contract Closed	Dn- Elizabeth Lutes	Complete - Draft			8/6/2022	Jsimmons		1	Submit Changes
50005	18	16th St between Passyunk A	ve and Jackson St	As Maintained	1 Closed	Jillian Simmons		Complete - Approved	Incomplete Systems -	8/2/2022	IMPORT		1	

nIT: Data	a Entr	y Application (8/11/22) - TEST										S Green IT	WATER	User Man PWD Design Report
oard														Hello aaraujo@jm
50005	18	16th St between Passyunk Ave and Jackson St	Maintained	1	Closed	Simmons	Approved	Approved	Systems - Approved	8/2/2022	IMPORT		/	PD
50010	19	18th St, 19th St, and Bigler St (Barry Playground)	As Built	10	Closed	Harry Wilson	Complete - Approved	Incomplete Systems - Approved		8/10/2022	IMPORT		1	PDF
50009	20	Bureau of Laboratory Services	As Built	10	Closed	Jessica Brooks	Incomplete Systems - Approved	Incomplete Systems - Approved		8/2/2022	IMPORT		1	
50007	21	Blue Bell Inn Triangle Park	As Maintained	1	Closed	Harry Wilson	Complete - Approved	Complete - Approved	Complete - Submitted	8/2/2022	IMPORT		1	Review Submission PDF
50035	45	Benjamin Franklin Parkway from 21st St to 23rd St	Design	3	Closed	Marc Orgovan	Complete - Approved	No Data		8/2/2022	IMPORT		1	PDF
50033	46	Lancaster Ave from N 58th St to N 63rd St	As Maintained	4	Closed	Marc Orgovan	Complete - Approved		Complete - Draft - Phase Author Missing	8/2/2022	Colin.Cosine@curve.com		1	PDF
50036	50	Chalmers (29th and Chalmers Playground)	As Maintained	1	Construction- Contract Closed	Elizabeth Lutes	Complete - Approved		Complete - Approved	8/2/2022	IMPORT		1	PDF
50027	59	Baltimore Ave Island from S 60th St to Wharton St	As Built	1	Closed	Jillian Simmons	Complete - Approved	Incomplete Systems - Approved		8/4/2022	Colin.Cosine@curve.com		1	PDF
50019	79	Jackson St, Tree St, 13th St (Epiphany of Our Lord School)	As Built	2	Construction- Contract Closed	Elizabeth Lutes	Complete - Approved	Complete - Approved		8/10/2022	IMPORT	Jillian.Simmons@phila.gov	1	PDF
50019	81	8th St, Wolf St, and Mildred St (Francis Scott Key School)	Design	2	Construction- Contract Closed	Elizabeth Lutes	Complete - Approved			8/10/2022	IMPORT	Jillian.Simmons@phila.gov	1	PDF
50034	88	Trenton Ave and Norris St	As Maintained	2	Closed	Shelly Jones	Complete - Approved	Incomplete Systems - Approved	Complete - Draft	8/2/2022	IMPORT		1	Submit Changes PDF
50003	91	3rd St and Fairmount Ave Intersection	As Maintained	1	Closed	Jillian Simmons	Complete - Approved		Complete - Approved	8/2/2022	IMPORT		1	PDF
50031	123	58th St Connector(Bartram's Garden, Francis Myers Rec, Cobbs Creek Park)	As Maintained	4	Closed	Chris Bergerson	Complete - Approved	Incomplete Systems - Approved	Complete - Approved	8/11/2022	IMPORT	Jillian.Simmons@phila.gov	1	PDF

3. User will now see "Submission Pending" in the Submit/Review column.

Approval Data

 When a project is submitted for review, the selected reviewer user will receive a notification via email. After login, the reviewer will go to the "Approve Edit Requests" tab in the "Hello! [username]" dropdown or click on the link in the automatically generated email.

reenIT: Data	Entr	y Application (8/11/22) - TEST										S GreenIT	PHILADELPHIA WATER	User Manual PWD Design Report Definition
shboard														Hello aaraujo@jmttg.com!
50005	18	16th St between Passyunk Ave and Jackson St	Maintained	1	Closed	Simmons	Approved	Approved	Systems - Approved	8/2/2022	IMPORT		1	Manage Accounts
50010	19	18th St, 19th St, and Bigler St (Barry Playground)	As Built	10	Closed	Harry Wilson	Complete - Approved	Incomplete Systems - Approved		8/10/2022	IMPORT		1	Pending Edits (Admin) Import/Export Logs
50009	20	Bureau of Laboratory Services	As Built	10	Closed	Jessica Brooks	Systems - Approved	Incomplete Systems - Approved		8/2/2022			1	Approve Edit Requests
50007	21	Blue Bell Inn Triangle Park	As Maintained	1	Closed	Harry Wilson	Complete - Approved	Complete - Approved	Complete - Submitted	8/2/2022	IMPORT		1	My Pending Edit Requests Change Password
50035	45	Benjamin Franklin Parkway from 21st St to 23rd St	Design	3	Closed	Marc Orgovan	Complete - Approved			8/2/2022	IMPORT		1	Log off
									Complete -					

2. Reviewer user will click "Review Submitted Edits" next to the project they would like to review.

IT: D	ata Entry App	lication (8/11/22) - TEST				V Green		User Mar PWD Design Repo					
ırd	•							Hello aaraujo@jn					
Review My Edit Approval Requests													
Id	Work Number	Name	Phase(s)	Submission Date	Submitter	Reviewer	Status						
21	50007	Blue Bell Inn Triangle Park	As Maintained	8/11/2022	Colin.Cosine@curve.com	aaraujo@jmttg.com	Pending	Review Submitted Edits					
411	20443	Ferko Playground	Identifier Changes	8/9/2022	Colin.Cosine@curve.com	Colin.Cosine@curve.com	Pending	Review Submitted Edits					
175	50028	Norris St, Van Pelt St, and Berks St (Frederick Douglass Elementary School)	Design	8/5/2022	Colin.Cosine@curve.com	Colin.Cosine@curve.com	Pending	Review Submitted Edits					
147	50029	Woolston Ave, Walnut Ln, Rodney St (Simons Recreation Center)	As Maintained	8/3/2022	Colin.Cosine@curve.com	Colin.Cosine@curve.com	Pending	Review Submitted Edits					

3. User can view the data from the Project level by clicking on the Project Name (red), the System level by clicking on the System Name (green), or the SMP level by clicking on the SMP Name (yellow).

							User Manua
nIT: Data	a Entry Application (8	3/11/22) - TEST			Sreen	T WATER	PWD Design Report
oard	Edited Projects						Hello aaraujo@jmt
Revie	w Data Submissions	for Blue Bell Inn 1	Triangle Park (1)				
_							
-	Blue Bell Inn Triangle Park - As I	Maintained (Pending) - 8/:	11/2022				
	Project: Project Phase: Submission Status: Submitted By: Submission Date: Submission Comments:		Blue Bell Inn As Maintaine: Pending Colin.Cosine∉ 8/11/2022	d Øcurve.com			Î
	PWD Reviewer:		aaraujo@jmtt	:g.com			
	As-Maintained Changes						
	System	SMP	Edit Type	Edit Date	Edited By		
	21 - 1			8/2/2022, 5:06:14 AM	IMPORT		
		21 - 1 - 1	Edited	8/2/2022, 7:35:28 AM	IMPORT		
	Submitter Comments:						
	Enter any review comments below:						

4. After reviewing data, if the PWD Approver determines the information is sufficient and can be approved, they will select the "Approve and Submit to GreenIT" button from the review page.

GreenIT: Da	ata Entry Application (8/	11/22) - TEST			V Green IT	PHILADELPHIA WATER	User Manual PWD Design Report Definition:
Dashboard	Edited Projects						Hello aaraujo@jmttg.com!
	Project: Project Phase: Submission Status: Submitted By: Submission Date: Submission Comments: PWD Reviewer:		Blue Bell Inn Tr As Maintained Pending Colin.Cosine@c 8/11/2022 aaraujo@jmttg	urve.com			
	As-Maintained Changes						
	System	SMP	Edit Type	Edit Date	Edited By		
	21 - 1			8/2/2022, 5:06:14 AM	IMPORT		
		21 - 1 - 1	Edited	8/2/2022, 7:35:28 AM	IMPORT		
	Submitter Comments:					9	
	Enter any review comments below:						
	Approve and Submit to Gr	eenIT Reject Data	and Send Back to User R	eject and Delete Data			
Reto	urn to Dashboard						

5. User will receive a confirmation message and click "OK" to complete the review.

GreenIT: D	ata Entry Application (8/	'11/22) - TEST				S Green IT	PHILADELPHIA WATER	User Manual PWD Design Report Definitions
Dashboard	Edited Projects							Hello aaraujo@jmttg.com! 🔻
	Project: Project Phase: Submission Status: Submitsed By: Submission Date: Submission Comments: PWD Reviewer:		Blue Bell Inn Triangle Parl As Maintained Pending Colin.Cosine@curve.com 8/11/2022 aaraujo@jmttg.com					
	As-Maintained Changes							
	System	SMP	Edit Type	Edit Date	Edited By			
	21 - 1			8/2/2022, 5:06:14 AM	IMPORT			
		21 - 1 - 1	Review Pending Edits		× RT			
	Submitter Comments:		You have chosen to approve all cha user.	nges for the selected project. Your comments will be	e sent to the submitting OK Cancel			
	Enter any review comments below:							
	Approve and Submit to Gr	eenIT Reject Data and \$	Send Back to User Reject and	Delete Data				
Ret	turn to Dashboard							

- 6. User is informed the project changes have been made.
- 7. Approved data will show up the next day in PWD's GreenIT system. After the nightly data transfer is complete, user will be able to see the edited data is approved.

GreenIT	: Data Entry Appli	ication (8/11/22) - TES	r				S Green IT	WATER	User Manual PWD Design Report Definitions
Dashboard	Project 21-Blue Bell Inn Design As Built	Triangle Park System 21-1 • As Maintained							Hello aaraujo@jmttg.com! 👻
	THIS IS APPROV	VED DATA							
	Fields (Design) - Ap	Calculations (Design)	Approved						
	Not Constructed?	Reason Not Constructed			System Number				
		Project Phase			21-1				
	System ID		Complete		Contributing Impervious Area (sf) 25911	Contributing Pervious Area (st	0		
	System Name				Surface DCIA (sf)	Subsurface DCIA (sf)			
	Rain Garden				25911	0			
	Pre-existing Sewer Typ	pe			Disconnected Impervious Area (sf)	Storage Volume (cf)			
	Combined			*		2189			
	Overflow Type Sewer System			Ŧ	Total System Volume (cf) 6693	Soil Storage Yolume (cf)	Soil Storage Volume		
		(Click Here For Definitions)		Underdrain?	Ponded Storage Volume (cf)	Storage Volume through the s	If runoff stored in the voids of s systems for runoff that has filt oil profile. Equal to the total so the void ratio of soil.	ered	
	Bioinfiltration		Ŧ		1063)	
		ick Here For Definitions)			Storage Footprint Area (sf)	Infiltration Footprint (sf)			
	Infiltration			*	2485	2485			
	Infiltration Test Type Double Ring Infiltr	rometer		×	Ponding Surface Area (sf) 2485	Infiltration Depth Head (ft) 0.25			
	Infiltration Test Date				Slow Release Hydraulic Head (ft)	Orifice Diameter (in)			

Reject Back to User

1. After reviewing data, if the PWD approver determines the information needs to be returned back to the submitting user, they will select the "Reject Data and Send Back to User" button from the review page.

GreenIT: Da	ta Entry Application (8	3/11/22) - TEST				S GreenIT	WATER	User Manual PWD Design Report Definitions
Dashboard	Edited Projects							Hello aaraujo@jmttg.com! 👻
	Identifier Changes							
	Old System #	New System #	Old SMP #	New SMP #	Change?			
	411 - 1	411 - 1						
			411 - 1 - 1	411 - 1 - 1				
			411 - 1 - 2	411 - 1 - 2				
			411 - 1 - 3	411 - 1 - 3				
			411 - 1 - 4	411 - 1 - 4				
	411 - 2	411 - 2						
		-	411 - 2 - 1	411 - 2 - 11	SMP Identifier/Name Changed			
	changed an SMP identifier							
	Enter any review comments below:							
	Approve and Submit to	GreenIT Reject Data and Send	Back to User Reject and	Delete Data				
Potu	irn to Dashboard							
Ketu	in to basiloard							

2. User will receive a message confirming the return and will click "OK" to confirm.

GreenIT: Dat	a Entry Application (8	S Green IT	WATER	User Manual PWD Design Report Definitions				
Dashboard	Edited Projects							Hello aaraujo@jmttg.com! 👻
	Identifier Changes							
	Old System #	New System #	Old SMP #	New SMP #	Change?			
	411 - 1	411 - 1						
			411 - 1 - 1	411 - 1 - 1				
			411 - 1 - 2	411 - 1 - 2				
			411 - 1 - 3	411 - 1 - 3				
			411 - 1 - 4	411 - 1 - 4				
	411 - 2	411 - 2						
			Review Pending Edits		ж			
	Submitter Comments:		You have chosen to return the subr approved until the submitting user		it. Changes will not be reverted or			
	changed an SMP identifier				OK Cancel			
	Enter any review comments below:							
								23
	Approve and Submit to C	GreenIT Reject Data and	Send Back to User Reject and	Delete Data				
Return	n to Dashboard							

3. User will receive a message confirming the rejection. Submitter will then need to resubmit changes based on reviewer feedback.

Reject and Delete Data

1. After reviewing data if the PWD approver determines the information needs to be rejected, they will select the "Reject and Delete Data" button from the review page.

a Entry Application (8	/11/22) - TEST				S Green I T	PHILADELPHIA WATER	User Manual PWD Design Report De
Edited Projects							Hello aaraujo@jmttg
Identifier Changes							
Old System #	New System #	Old SMP #	New SMP #	Change?			
411 - 1	411 - 1						
		411 - 1 - 1	411 - 1 - 1				
		411 - 1 - 2	411 - 1 - 2				
	-	411 - 1 - 3	411 - 1 - 3				
	-	411 - 1 - 4	411 - 1 - 4				
411 - 2	411 - 2						
		411 - 2 - 1	411 - 2 - 11	SMP Identifier/Name Changed			
changed an SMP identifier							
Enter any review comments below:							
Enter any review comments below:							
Enter any review comments below:							
Enter any review comments below:	SreenIT Reject Data and Send	Back to User Reject and	Delete Data				
	GreenIT Reject Data and Send	Back to User Reject and	Delete Data				

2. User will then be prompted to confirm their choice. To confirm the user will then click "OK" to complete this proves and send comments back to the submitter.

	Identifier Changes												
	Old System #	New System #	Old SMP #	New SMP #	Change?								
	411 - 1	411 - 1											
			411 - 1 - 1	411 - 1 - 1									
			411 - 1 - 2	411 - 1 - 2									
			411 - 1 - 3	411 - 1 - 3									
			411 - 1 - 4	411 - 1 - 4									
	411 - 2	411 - 2			-								
	Review Pending Edits You have chosen to reject all changes for the selected project. Any edits will be reverted to their previous state.												
Sul	ibmitter Comments:												
	changed an SMP identifier												
	anangea an ann nachanch				OK Cancel								
En	ter any review comments below:												
							ß						

CREATE REPORTS

The reporting functionality provides the user with the ability to create the required .pdf reports.

The steps involved with generating reports are:

1. The user selects the project for which to generate a report by clicking the desired report type to the left of the project on the dashboard.

I: Data	Entr	y Application (8/11/22) - TEST										S Green I T	WATER	PWD Design	r Man Repor
rd														Hello aarau	jo@jm
Proje	ct name	, work number, author or ID									Search Projects Sh	ow All		Add New Proje	ct
Work Number	Project	t Project Name	♦ Latest Phase	# Sys ∳	CIPIT Status	GreenIT Contact	Design Status	As-Built Status	As- Maintained Status	Last Update 🔶	Last Editor	Last Reviewer	Edit	Submit/Review	Repo
50005	1	7th St, 8th St, and Cumberland St (Hartranft School)	As Maintained	5	Closed	Jillian Simmons	Incomplete Systems - Draft - Phase Author Missing	Complete - Draft - Phase Author Missing	Incomplete Systems - Draft	8/11/2022	IMPORT		1		PDF
50020	2	Welsh School	As Maintained	2	Closed	Jillian Simmons	Complete - Approved	Complete - Draft - Phase Author Missing	Incomplete Systems - Approved	8/9/2022	Jsimmons		1		PDF
50004	3	Belfield Ave from Chew Ave to Walnut Ln	As Maintained	12	Closed	Jillian Simmons	Complete - Approved		Complete - Approved	8/10/2022	IMPORT		1		PDF
50009	5	Queen Lane from Henry St to Fox St	As Maintained	7	Closed	Laura Rozumalski	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing		Colin.Cosine@curve.com		1		PDF
50002	8	Montgomery Ave, Shissler Playground	As Built	3	Closed	Jessica Brooks	Complete - Draft	Complete - Approved		8/5/2022	Colin.Cosine@curve.com		1	Submit Changes	PDF
50005	9	Palmer St from Frankford Ave to Blair St (Shissler Playground)	As Built	2	Closed	Jillian Simmons	Complete - Approved	Incomplete Systems - Approved	No Data	8/3/2022	Colin.Cosine@curve.com		1		PDF
50034	10	Thompson St and Columbia Ave	As Maintained	2	Closed	Shelly Jones	Complete - Approved	Incomplete Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	IMPORT		1		PDF
									Incomplete Systems -						

IT: Data	Entr	y Application (8/11/22) - TEST										S Green I	PHILADELPHIA WATER	User Manual PWD Design Report Defini
ard														Hello Colin.Cosine@curve.co
50005	1	School)	Maintained	5	Closed	Simmons	Phase Author Missing	Phase Author Missing	Systems - Draft	8/11/2022	IMPORT		1	PDF
50020	2	Welsh School	As Maintained	2	Closed	Jillian Simmons	Complete - Approved	Complete Draft - Phase Author Missing	Incomplete	8/9/2022	Jsimmons		1	PDF
50004	з	Belfield Ave from Chew Ave to Walnut Ln	As Maintained	12	Closed	Jillian Simmons	Complete - Approved		Complete - Approved	8/10/2022	IMPORT		1	PDF
50009	5	Queen Lane from Henry St to Fox St	As Maintained			Laura	Complete -	Incomplete Systems -	Incomplete Systems - Draft -	8/8/2022	Colin.Cosine@curve.com		1	PDF
			Create	Proj	ect Report for	Belfield Ave f	rom Chew Av	ve to Walnut	Ln?		ж			
50002	8	Montgomery Ave, Shissler Playground	A Select a	a rep	ort phase:						mc		1	Submit Changes PDF
50005	9	Palmer St from Frankford Ave to Blair St (Shissler Playground)	A					Approveu	Cancel [Design	As Maintained		1	PDF
50034	10	Thompson St and Columbia Ave	As Maintained	2	Closed	Shelly Jones	Complete - Approved	Incompleto Systems - Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	IMPORT		1	PDF
50003	12	4th St and Cambridge St (Bodine High School)	As Maintained	7	Closed	Jillian Simmons		Complete Approved	Incomplete Systems - Draft - Phase Author Missing	8/10/2022	MPORT		1	PDF
50022	13	Madison Memorial Park	Design	1	Closed	Jessica Brooks	Complete - Approved			8/10/2022	IMPORT	Jillian.Simmons@phila.go	1	PDF
50001	14	12th St and Reed St (Columbus Square)	As Maintained	2	Closed	Jillian Simmons	Incomplete Systems - Approved		Complete - Approved	8/3/2022	IMPORT		1	PDF

2. User can select what phase they would like a report for if more than one phase is complete.

3. User selects and will be presented with options similar to below. The option to open, save, or cancel will be available (this could vary depending on the browser).

enIT: D	Data Entry App	olication (3/4/22)								Downloads		·· \$
board				Hello pwo	l.greenit.appli	ation	@gmail.com! Mar	nage Accounts Pe	nding Edits (Ac	123444_Desig Open file	n202238_153925.pdf	
	Pending				o	-	- Systems - Draft	Approved	Approved	Dpen file	n202238_153856.pdf	
PDF	Submit Changes	Jill's Test Project	123444	44444	As Built	1	Complete - Draft	Complete - Draft	No Systems - Approved	See more		
PDF	Submission Pending	Water Building Addition	35355	848484	Design	2	Complete - Draft	No Systems - Approved	No Systems - Approved	3/4/2022	Colin.Cosine@curve.com	1
PDF	Submission Pending	Sepviva Street from Norris to Lehigh	1086	40796	Design	1	Complete - Draft	No Systems - Approved	No Systems - Approved	3/4/2022		1
PDF		East Poplar Playground	1045	50116	Design	1	Complete - Approved	No Systems - Approved	No Systems - Approved	3/4/2022	Colin.Cosine@curve.com	1
PDF	Submit Changes	New project 1	532132	1	Design	6	Complete - Draft	No Systems - Approved	No Systems - Approved	3/4/2022		1
PDF	Submit Changes	March 4th- BP	5432	54325	As Built	1	Complete - Approved	Complete - Draft	No Systems - Approved	3/4/2022	Colin.Cosine@curve.com	1

4. The specified report will be opened for immediately viewing or saved to the specified location.

DASHBOARD STATUS DEFINITIONS

Dashboard Statuses

Status Type	Name	Definition
Completion	Incomplete	All required fields have not been entered and saved, or data is otherwise invalid.
Completion	Complete	All required fields have been entered and saved and all data is valid.
Completion	No Data	Data for that phase has not yet been created.
Completion	No Systems	No Systems have been created for this phase.
Project	Phase Author Missing	One or more phases with draft data have no entry in the 'Author' field.
Edit	Draft	Information includes changes that have not been submitted for review.
Edit	Approved	Information has been reviewed and approved by a PWD approver.
Edit	Sync Pending	Data approved by PWD approver but has not been run through synchronization process.

APPLICATION BUSINESS RULES

*** Many of the validation rules are set up to ensure that users enter a value for all fields, even if that value is zero. Zero is an important value for PWD GSI monitoring analysis, and the logic is set up thoughtfully to ensure that zeros are required where zeros are appropriate, and fields are "turned off" where NULL is the correct value.

Projects

- 1. Project ID (Required)
- 2. Work Number (Required)
- 3. Project Name (Auto-populated)
- 4. GreenIT contact (Auto-populated)
- 5. CIPIT Status (Auto-populated)
- 6. Author (Required)
- 7. Number of Non-SMP Trees (Defaults to 0)
- 8. Project Notes (may vary per phase)

Systems

- 1. System ID (Required)
 - a. Defaults to # of systems in project + 1, but is editable
- 2. Status
 - a. Automatically generated, not editable
- 3. System Number
 - a. Automatically generated based on project id and system id
- 4. System Name
 - a. Automatically generated
- 5. Sewer Type (Required)
- 6. Overflow Type (Required)
- 7. System Function (*Required*)
 - a. Detention/Slow Release available when any of the following model input categories are selected:
 - i. Subsurface Slow Release (lined)
 - ii. Subsurface Slow Release (unlined)
 - iii. Bioretention (lined)
 - iv. Bioretention (unlined)
 - v. Blue Roof
 - b. Infiltration available when any of the following model input categories are selected:
 - i. Subsurface Infiltration
 - ii. Bio-infiltration
 - iii. Permeable Pavement
 - iv. Drainage Well
 - c. Disconnection available when any of the following model input categories are selected:
 - i. Permeable Pavement
 - ii. Green Roof
 - iii. Depaving
 - iv. Blue Roof
 - v. Inlet Disconnection
- 8. Model Input Category (Required)
- 9. Underdrain?
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled and true if system function = Detention/Slow Release
 - c. Disabled and false if system function = Disconnection
 - d. Enabled if system function = Infiltration
- 10. Not Constructed?
 - a. Defaults to yes if project phase = design
 - b. If project phase = design, not editable
 - c. Reason Not Constructed
 - i. Required if not constructed = true
- 11. Offline?
 - a. Reason Offline
 - i. Required if Offline = true

- 12. Infiltration Test Type
- 13. Infiltration Test Date
 - a. Required if Infiltration Test Type is selected
- 14. Infiltration Rate
 - a. Required (zero allowed) if infiltration test type is selected
- 15. Borehole Depth
 - a. Required if infiltration test type is selected
- 16. Bedrock Encountered?
 - a. Depth to Bedrock
 - i. Required and > 0 if bedrock encountered = true
- 17. Groundwater Encountered?
 - a. Depth to Groundwater
 - i. Required and > 0 if groundwater encountered = true
- 18. Primary Program (Required)
- 19. Secondary Programs (cannot be same value as Primary Program)
- 20. Contributing Impervious Area
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following system functions:
 - i. Disconnection
 - c. Required (zero allowed) for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
 - d. Required if system has no stormwater tree of drainage well SMPs
 - e. Sum of Surface DCIA and Subsurface SCIA must equal Contributing Impervious Area
- 21. Contributing Pervious Area
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following system functions:
 - i. Disconnection
 - c. Required (zero allowed) for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
- 22. Surface DCIA
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following model categories:
 - i. Subsurface Slow Release (lined)
 - ii. Subsurface Slow Release (unlined)
 - iii. Subsurface Infiltration
 - iv. Permeable Pavement
 - v. Drainage Well
 - vi. Cistern
 - vii. Inlet Disconnection
 - c. Sum of Surface DCIA and Subsurface DCIA must equal Contributing Impervious Area
 - d. Required (zero allowed) for the following system functions:
 - i. Detention/Slow Release

- ii. Infiltration
- e. Disabled for the following system functions:
 - i. Disconnection
- 23. Subsurface DCIA
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required (zero allowed) for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
 - c. Disabled for the following system functions:
 - i. Disconnection
 - d. Sum of Surface DCIA and Subsurface DCIA must equal Contributing Impervious Area
- 24. Disconnected Impervious Area
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required (zero allowed) for the following system functions:
 - i. Disconnection
 - c. Disabled for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
 - d. A value > 0 is required if the model input category = Inlet Disconnection
- 25. Storage Volume
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following system functions:
 - i. Disconnection
 - c. Required (zero allowed) for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
 - d. Storage volume cannot exceed total system volume
 - e. Sum of soil storage volume and ponding storage volume cannot exceed storage volume
- 26. Total System Volume
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required (zero allowed) for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
 - c. Disabled for the following system functions:
 - i. Disconnection
 - d. Total system volume cannot be less than total storage volume
- 27. Soil Storage Volume
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following model categories:
 - i. Subsurface Slow Release (lined)
 - ii. Subsurface Slow Release (unlined)
 - iii. Subsurface Infiltration
 - iv. Permeable Pavement
 - v. Drainage Well

- vi. Cistern
- vii. Inlet Disconnection
- c. Required for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
- d. Disabled for the following system functions:
 - i. Disconnection
- e. Sum of Soil Storage Volume and Ponding Storage Volume cannot exceed Storage Volume
- 28. Ponded Storage Volume
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following model categories:
 - i. Subsurface Slow Release (lined)
 - ii. Subsurface Slow Release (unlined)
 - iii. Subsurface Infiltration
 - iv. Permeable Pavement
 - v. Drainage Well
 - vi. Cistern
 - vii. Inlet Disconnection
 - c. Sum of Soil Storage Volume and Ponding Storage Volume cannot exceed Storage Volume
 - d. Disabled for the following system functions:
 - i. Disconnection
 - e. Required for the following model input categories:
 - i. Bioretention (lined)
 - ii. Bioretention (unlined)
 - iii. Bio-infiltration
 - iv. Blue Roof
- 29. Storage Volume Below Orifice
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following system functions:
 - i. Disconnection
 - ii. Infiltration
 - c. Required for the following system functions:
 - i. Detention/Slow Release
 - d. Required to be 0 if Infiltration Footprint = 0
 - e. Required to be 0 if the model input category includes (lined)
- 30. Storage Footprint Area
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required and must be > 0 for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
 - c. Disabled for the following system functions:
 - i. Disconnection
- 31. Infiltration Footprint
 - a. Disabled if not constructed/offline and project phase <> Design

- b. Disabled for the following system functions:
 - i. Disconnection
- c. Disabled for the following model categories:
 - i. Bioretention (lined)
 - ii. Subsurface Slow Release (lined)
- d. Required and must be > 0 for the following model categories:
 - i. Subsurface Slow Release (unlined)
 - ii. Subsurface Infiltration
 - iii. Bioretention (unlined)
 - iv. Bio-infiltration
- e. Required for the following system functions:
 - i. Detention/Slow Release
 - ii. Infiltration
- f. Cannot exceed Storage Footprint
- 32. Ponding Surface Area
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Disabled for the following model categories:
 - i. Subsurface Slow Release (lined)
 - ii. Subsurface Slow Release (unlined)
 - iii. Subsurface Infiltration
 - iv. Permeable Pavement
 - v. Drainage Well
 - vi. Cistern
 - vii. Inlet Disconnection
 - c. Required for the following model categories:
 - i. Bioretention (lined)
 - ii. Bioretention (unlined)
 - iii. Bio-infiltration
 - iv. Blue Roof
 - d. Disabled for the following system functions:
 - i. Disconnection
- 33. Infiltration Depth Head
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required and must be > 0 for the following system functions:
 - i. Infiltration
 - c. Disabled for the following system functions:
 - i. Disconnection
 - d. Disabled for the following model input categories:
 - i. Bioretention (lined)
 - ii. Subsurface Slow Release (lined)
- 34. Slow-Release Hydraulic Head
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required and must be > 0 for the following system functions:
 - i. Detention/Slow Release

- c. Disabled for the following system functions:
 - i. Disconnection
 - ii. Infiltration
- 35. Orifice Diameter
 - a. Disabled if not constructed/offline and project phase <> Design
 - b. Required and must be > 0 for the following system functions:
 - i. Detention/Slow Release
 - c. Disabled for the following system functions:
 - i. Disconnection
 - ii. Infiltration
- 36. Override Calculated Storm Size
- 37. Calculated Storm Size Managed
 - a. Automatically generated
- 38. Number of SMPs
 - a. Automatically generated

SMPs

- 1. Not Constructed
- 2. Reason Not Constructed
 - a. Required if not constructed = true
 - b. Defaults to project phase if project phase = Design
- 3. Offline
- 4. Reason Offline
- 5. SMP ID (Required)
 - a. Defaults to # SMPs in system + 1
- 6. Status
 - a. Automatically generated based on validation status
- 7. SMP Name (Required)
- 8. SMP Number
 - a. Automatically generated (project id + system id + SMP Id)
- 9. SMP Type (Required)
- 10. SMP Footprint
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled for the following SMP Types:
 - i. Inlet Disconnection
 - c. Must be greater than zero
- 11. Storage Type Depth
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled for the following SMP Types:
 - i. Depaving
 - ii. Inlet Disconnection
 - c. Required (greater than zero) for the following SMP Types:
 - i. Basin
 - ii. Blue Roof

- iii. Bumpout
- iv. Cistern/Rain Barrel
- v. Drainage Well
- vi. Green Gutter
- vii. Green Roof
- viii. Infiltration Storage Trench
- ix. Pervious Paving
- x. Planter
- xi. Rain Garden
- xii. Stormwater Tree
- xiii. Swale
- xiv. Tree Trench
- xv. Wetland
- 12. Vegetated Area
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled if SMP Type is one of the following:
 - i. Blue Roof
 - ii. Cistern/Rain Barrel
 - iii. Drainage Well
 - iv. Infiltration/Storage Trench
 - v. Pervious Paving
 - vi. Inlet Disconnection
 - c. Required (zero allowed) for the following SMP Types:
 - i. Green Gutter
 - ii. Green Roof
 - iii. Depaving
 - iv. Tree Trench
 - v. Stormwater Tree
 - d. Required (greater than zero) for the following SMP Types:
 - i. Bumpout
 - ii. Planter
 - iii. Rain Garden
 - iv. Swale
 - v. Basin
- 13. Pervious Area
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled for the following SMP Types:
 - i. Cistern/Rain Barrel
 - ii. Drainage Well
 - iii. Infiltration/Storage Trench
 - iv. Inlet Disconnection
 - c. Required (zero allowed) for the following SMP Types:
 - i. Pervious Paving
 - ii. Green Gutter

- iii. Depaving
- iv. Green Roof
- v. Wetland
- vi. Tree Trench
- vii. Stormwater Tree
- d. Required (greater than zero) for the following SMP Types:
 - i. Bumpout
 - ii. Planter
 - iii. Rain Garden
 - iv. Swale
 - v. Basin
- e. If number of trees > 0, pervious area must be > 0
- 14. Number of Trees
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled for the following SMP Types:
 - i. Cistern/Rain Barrel
 - ii. Blue Roof
 - iii. Drainage Well
 - iv. Infiltration/Storage Trench (defaults to zero)
 - v. Pervious Paving
 - vi. Inlet Disconnection
 - c. Required (zero allowed) for the following SMP Types:
 - i. Basin
 - ii. Bumpout
 - iii. Depaving
 - iv. Green Gutter
 - v. Green Roof
 - vi. Planter
 - vii. Rain Garden
 - viii. Swale
 - ix. Wetland
 - d. Required (greater than zero) for the following SMP Types:
 - i. Stormwater Tree
 - ii. Tree Trench
 - e. If number of trees > 0, then pervious area must be > 0
- 15. Storage Type(s)
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled for the following SMP Types:
 - i. Depaving
 - ii. Inlet Disconnection
 - c. At least one is Required if SMP Type <> Depaving
- 16. Ponding Depth
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
 - b. Disabled for the following SMP Types:

- i. Cistern/Rain Barrel
- ii. Depaving
- iii. Drainage Well
- iv. Infiltration/Storage Trench
- v. Pervious Paving
- vi. Tree Trench
- vii. Inlet Disconnection
- c. Required (zero allowed) for the following SMP Types:
 - i. Stormwater Tree
 - ii. Green Gutter
 - iii. Green Roof
 - iv. Wetland
- d. Required (greater than zero) for the following SMP Types:
 - i. Bumpout
 - ii. Planter
 - iii. Rain Garden
 - iv. Swale
 - v. Basin
- 17. Pretreatment Type(s)
 - a. Disabled if SMP is Offline/Not Constructed and project phase <> Design
- 18. Comments

NOTE: When a System or SMP is "Not Constructed" or "Retired", it will not contribute to any report calculations.

Allowable Combinations of Model Input Category Validation and System Function

Model Input Category	Infiltration	Detention/Slow- Release	Disconnection
Bioinfiltration	Х		
Bioretention (lined)		Х	
Bioretention (unlined)		Х	
Blue Roof		Х	х
Cistern		х	
Depaving			х
Drainage Well	Х		
Green Roof			Х
Inlet Disconnection			х
Permeable Pavement	Х		Х
Subsurface infiltration	х		
Subsurface slow release (lined)		Х	
Subsurface slow release (unlined)		Х	

Model Input Category	Basin	Blue Roof	Bump- out	Cistern/Rain Barrel	Depaving	Drainage Well	Green Gutter	Green Roof	Infiltration/Storage Trench	Inlet Disconnection	Pervious Paving	Planter	Rain Garden	Stormwater Tree	Swale	Tree Trench	Wetland
Bioinfiltration	х		х				х		x			Х	x	Х	х	х	x
Bioretention (lined)	x		х				х		x			х	x	х	х	х	x
Bioretention (unlined)	x		х				х		х			Х	x	х	х	Х	x
Blue Roof		х															
Cistern				х													
Depaving					х												
Drainage Well						х											
Green Roof								Х									
Inlet Disconnection										х							
Permeable Pavement									х		х						
Subsurface infiltration									х		х			х		Х	
Subsurface slow release (lined)									x		х			х		х	
Subsurface slow release (unlined)									x		х			х		Х	