

A high-speed photograph of water splashing, with a large, clear droplet in the foreground and smaller droplets scattered in the background. The water is bright and glistening.

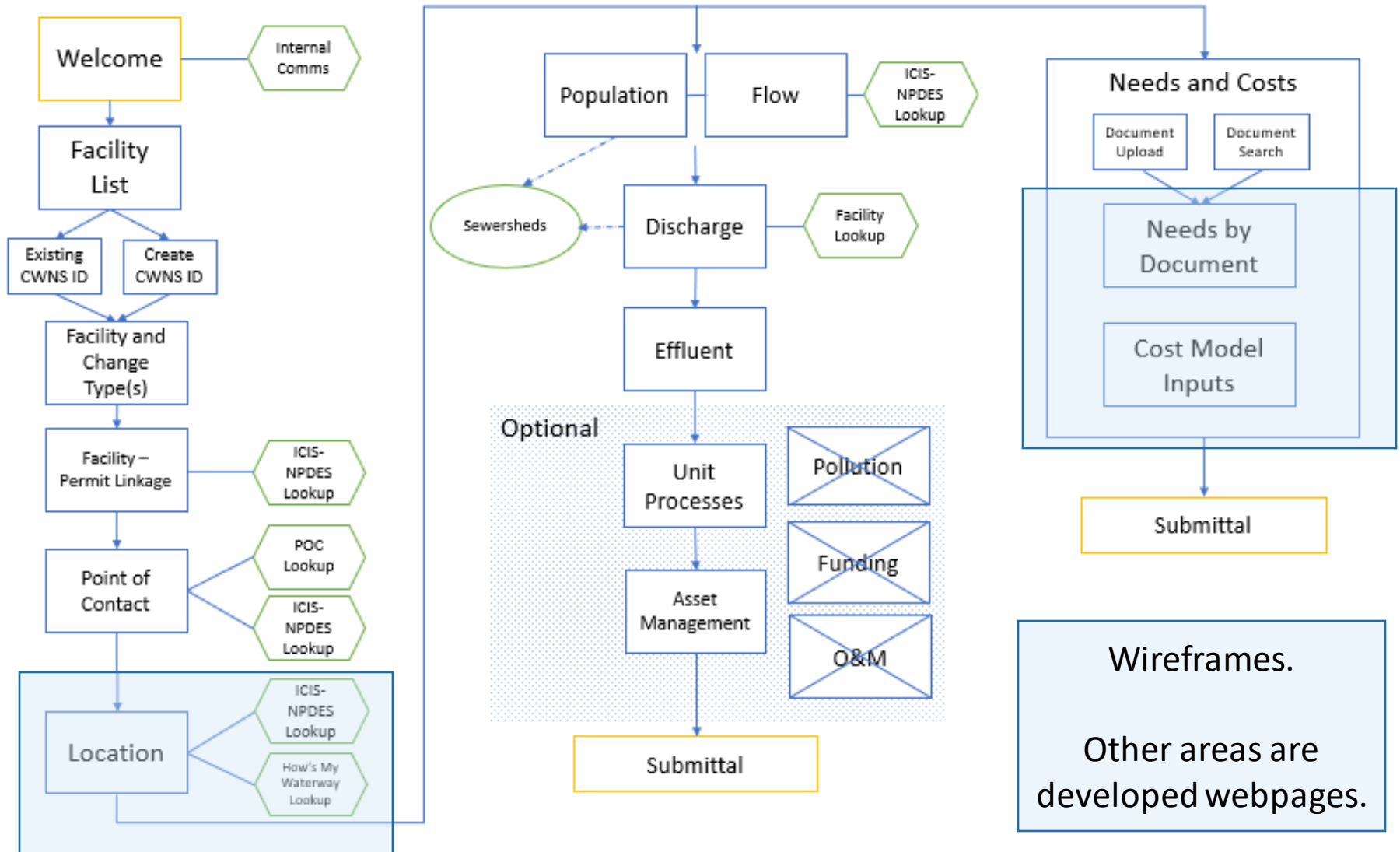
Clean Watersheds Needs Survey Information Collection Request

Appendix A: Data Entry Portal
Screenshots & Wireframes

Data Entry Portal Representations

- For the purposes of the ICR, the Clean Watersheds Needs Survey (CWNS) Data Entry Portal is being represented by screenshots of the pre-alpha version of the DEP and wireframes.
- Wireframes are a simplified visual guide that represents the skeletal framework of a website.
- The wireframes presented here do not define any visual style, typography or imagery, so the actual page will look very different.
- All examples presented in the screenshots and wireframes are not real.
- ***All wireframes and screenshots are draft and are incomplete and subject to change.***

Data Area Workflow



Facility List

All facilities for Alabama

Use this table to create and update facility records, before entering the survey.

Facilities

[+ Add New Facility](#)

Rows

1 - 100 of 314

CWNS Number	Facility Name	Infrastructure Type	County	Review Status	Authority Name	Enter Survey	Remove Facility
01888889000	Test - Superfund	Wastewater		State In Progress	City of Prattville		
01000139003	TEST - PRATTVILLE PINE CREEK WWTP	Wastewater	Elmore	Federal Accepted	City of Prattville		
01000027002	Test - Calera Northside WWTP - Camp Branch	Wastewater	Shelby	Federal Accepted	City of Calera		
01000091001	Killen WWTP	Wastewater	Lauderdale	Federal Accepted	Killen WWTP		
01000049002	DOTHAN OMMUSSEE CREEK WWTP	Wastewater	Houston	Federal Accepted	Dothan Utilities		

Add/Edit Facility



* indicates required field.



* Facility Name:

* CWNS Number:

01888889018

* Infrastructure
Type:

Description:

* Owner:

Public Private Federal









* Select if Population <= 10K (Small Community)

Select if facility/project is a superfund site

Save

Facility Types

Facility Types

Facility Type	Change Types	Edit	Delete
Treatment Plant	Process Improvement		
Collection: Separate Sewers	Expansion		
Biosolids Handling Facility	Abandonment		
Storage Facility	Process Improvement Improve Energy Efficiency		

[Add New Facility Type](#)



* indicates required field.



Infrastructure Type: **Wastewater**




* Facility Type:

- * Select Change Type:
- No Change
 - New
 - Abandonment
 - Existing**

- Rehabilitation
- Replacement
- Increase Capacity
- Expansion
- Process Improvement
- Instrumentation/Electrical/Laboratory
- Improve Energy Efficiency
- Climate Change Adaption
- Improve Water Efficiency
- Renewable Energy

Permits

Permits Associated with Facility

	Permit Number	Permit Type	Edit	Delete
NPDES	ALG140587	General Permit Covered Facility		
Non-NPDES	AL0027723	NPDES Permit no longer in ICIS		

[Add NPDES Permit](#)

[Add Non-NPDES Permit](#)

Add/Edit Non-NPDES Permit



* indicates required field.



* Permit Number:

* Permit Type:

If NPDES, please close this pop-up and use NPDES lookup.

Save

Facility - NPDES Permit Search



State Alabama ▼

Active Permit

1 - 50 of 5,000 ▶

Associate with Facility	NPDES Permit Number	Facility Name	Permit Type	Permit Status	Permit Expiration Date	County	Facility Address (Street, City, State, Zip)	CWNS IDs Associated with NPDES Permit
<input type="checkbox"/>	ALR10BHNH	THE MARSHALL UAB STUDENT HOUSING	General Permit Covered Facility	Effective	3/31/2026	Jefferson	1201 3RD AVE S BIRMINGHAM, AL 35233	01000253001 01888889010
<input type="checkbox"/>	ALP000323	#212	Individual IU Permit (Non-NPDES)	Effective	8/31/2025	Jefferson	5970 GREENWOOD PARKWAY BESSEMER, AL	01888889010

Add Selected Permit(s)

Point of Contact

Point of Contact

Q Go Actions ▾

	Responsible Entity ↓	Authority Name	Contact Name	Role Title	Phone	Phone Ext	Email	Last Updated By	Last Updated
Q	Yes	City of Prattville		Wastewater Superintendent				ADMIN	04/27/2021 09:48
Q		PINE CREEK WASTEWATER TRMT PLT						ADMIN	04/27/2021 09:47
Q		PRATTVILLE, CITY OF		CITY ENGINEER				ADMIN	04/27/2021 09:47

Point of Contact Search Add Point of Contact

Covered to hide personal information

Add/Edit Point of Contact



* indicates required field.



* Authority Name:

Responsible Entity

Contact Name:

Role/Title:

Phone Number:

Ext:

Fax Number:

Email:

Address:

Address 2:

City

State

County

Zip

Save

Point of Contact Search



State Alabama



Search

1 - 50 of 893

Associate with Facility	Authority Name	Contact Name	Role Title	Address	County	Phone	Fax	Email
<input type="checkbox"/>	City of Calera	[Redacted]			Shelby	[Redacted]		[Redacted]
<input type="checkbox"/>	Killen WWTP	[Redacted]			Lauderdale	[Redacted]		[Redacted]
<input type="checkbox"/>	Dothan Utilities	[Redacted]			Houston	[Redacted]		[Redacted]

Add Selected Point of Contact(s)

Covered to hide personal information

Location

Add/Edit Physical Location



* Indicates required field.

* Type of Physical Location: ▼

**Map
Coordinates**

**Confirm or Update
Coordinates on Map**

* Latitude:
* Longitude:
* Datum:

N
 W E

**Enter Physical
Address**

* State: ▼

* Cities: ▼
Select all
Alexandria
Bristol
Buena Vista
Charlottesville

County:

ZIP Code:

Location

Add/Edit Physical Location

* Indicates required field.

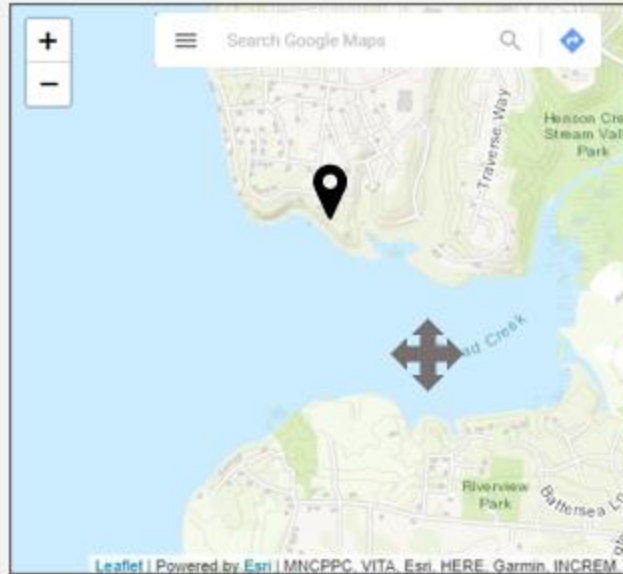
* Type of Physical Location:

Confirm or Update Coordinates for: Public Utilities Department

Choose a point nearest the center of the project if the physical location is not a single point

Map
Coordinates

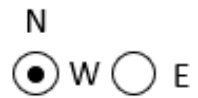
Enter Physical
Address



Select
Location

County:

ZIP Code:



Areas Related to Needs

* Indicates required field.



Use Map to Add Areas
Related to Needs

If you have added coordinates in the above section, the map will open to that location. Adding areas using this map will add more rows to the tables without deleting other rows. **Using this map will not change the facility coordinates.**

* Primary	County	FIPS Code
<input checked="" type="checkbox"/>	Juneau	02110

Delete Edit



Add County

* Primary	Congressional District	Code
<input checked="" type="checkbox"/>	At-Large Congressional District	000



Add Congressional
District

* Primary	Watershed	HUC-8
<input checked="" type="checkbox"/>	Example watershed	00000000



Add Watershed

Save and
Continue

Cancel

Population

Population Information

	Residential Population		Non-Residential Population	
	202X	Projected Design Population 204X	202X	Projected Design Population 204X
Receiving Collection	10	20	30	40
Upstream Collection	10	20	30	40
Total Receiving Treatment	20	40	60	80
Total (Excluding Upstream)	10	20	30	40

[Add / Edit Population Information](#)

Flow

Add/Edit Flow Information



Flow Information

* Select level of detail to input/enter: **Disaggregated Flow Options** Total Flow Only



Search: All Text Columns

Go

Actions ▾

Edit

Save





Reset

	Actual Average Flow (MGD)	Current Design Flow (MGD)	Future Design Flow (MGD)
Flow Information			
Municipal Flow			
Industrial Flow			
Infiltration Flow			
Total Flow			
Wet Weather Flow (Peak)			
Flow to Population Ratio Information			
Flow to Population Ratio (GPCD)			

Save

Discharge

Discharges

Type of Discharge	202X % of Discharge	204X Estimated % of Discharge	Receiving Facility	Edit	Delete
Other: xyz	5	5			
Outfall To Surface Waters	100	100			
	105	105			

The Discharge percentages you have entered do not add up to 100%. Please correct the amounts.

1 - 1

[Add Discharge Method](#)

Add/Edit Discharge Method



* indicates required field.



Type of Discharge: *

Discharge To Another Facili 

202X % of Discharge: *

204X Estimated % of Discharge: *

CWNS Number: *

**Look up Facility
CWNS Number**

Save

Facility CWNS ID Search



State Alabama

1 - 50 of 575

Associate with Facility	CWNS ID	Facility Name	County	Facility Address (Street, City, State, Zip)	Other Facilities discharging to this facility
<input type="checkbox"/>	01000783001	HOLLIS CROSSROADS SEPTIC	Cleburne	?	?
<input type="checkbox"/>	01000785001	STEWARTVILLE SEPTIC TANKS	Coosa	?	?
<input type="checkbox"/>	01000786001	BALLPLAY SEPTIC TANKS	Etowah	?	?
<input type="checkbox"/>	01000787001	RIDGEVILLE SEPTIC TANKS	Etowah	?	?

Add Selected Facility

Effluent

Edit Effluent



* indicates required field.



* Current Effluent Treatment Level:

Secondary



* Is there Disinfection (e.g.,chlorine, UV) currently in place?

No

Yes

* Future Effluent Treatment Level:

Advanced



* Will there be Disinfection (e.g.,chlorine, UV) currently in place?


No

Yes

Save

Unit Processes - Optional

Unit Processes

Treatment Stage	Unit Process	Existing Flag	Planned Flag	Notes	Edit	Delete
Advanced	Sedimentation, Other	Y				
Primary	Equalization, Flow	Y				
Secondary	Trickling Filter, Biofilter	Y				

1 - 3

[Add Unit Process](#)

Add/Edit Unit Process



* indicates required field.



* Treatment Type

Disinfection



* Unit Process



*

Existing

Planned

Notes

Cancel

Save

Asset Management - Optional

Asset Mangement

Please enter information about utility plan(s) for managing infrastructure capital assets to minimize the total cost of owning and operating them while maintaining service levels:

Asset Management Plans and Programs ↑≡	Implementation	Remaining Cost to Develop Program (\$)	Annual Cost to Develop Program (\$)
Asset Management Plans and Programs	In Processes of Developing	\$1,000,000.00	\$250,000.00

[Edit Asset Management](#)

Add/Edit Asset Management



Please enter information about utility plan(s) for managing infrastructure capital assets to minimize the total cost of owning and operating them while maintaining service levels:

* indicates required field.

Asset Management Practice: **Asset Management Plans and Programs**

* Implementation:

* Remaining Costs to Develop Program (\$):



* Annual Costs to Develop Program (\$):

Save

Documents and Costs

Documents

Q Go Actions

Title	Document Type	Published Date	Author	Notes	Base Month Cost Info	Cwns Ids	Edit	Delete
	State and Federal Loan and Grant Applications	5/13/2021			5/1/2021			

1 - 1

[Documents Search](#) [Add Document](#)



* indicates required field.



Document Type

Published Date

Title

Author

Base Month Cost Info

I certify that this document meets the eligibility criteria and understand that this document must be approved before costs associated with it are accepted.

Notes

Upload preferred Mail hard copy to EPA

Browse

Save

Needs and Costs by Category



Category I

Document Title	Type	Published Date	Author	Adjusted Total (\$)	Primary or Alternate?	Edit Costs	Remove from List
Document 1	## - Capital Improvement Plan (CIP)	02/02/2019	Sewer Authority	\$x,xxx,xxx	Primary		
Document 2	## - Nutrient Criteria Studies	05/12/2008	County Government	N/A	Alternate		
Document 3 ▼	## - State Specific Approach	02/02/2019	Sewer Authority		Alternate		

Add Document

Category I Total: \$xx,xxx,xxx

Category II

Document Title	Type	Published Date	Author	Adjusted Total (\$)	Primary or Alternate?	Edit Costs	Remove from List
Document 1	## - State Specific Approach	02/02/2019	Sewer Authority		Primary		

Add Document

Category II Total: \$0.00

Total Costs: \$x,xxx,xxx

Capital Costs for selected document



* Indicates required field.

Category

I: Secondary Treatment

* Base Amount (\$)

17,000,000

Adjusted to Jan
2022 dollars (\$)

23,215,230

Adjusted amount based on base year added during document upload.

* SRF Eligible (%)

100

* Does this cost address an SSO?

No

Please select the type of treatment plant:

Lagoon

Solution Start Year

2020

Solution End Year

2025

Notes

Save

Cancel

Annotation Table ?

Please use this table to indicate which documents you have either annotated in PDF or by using this table by filling out the appropriate columns. If the document is an excel file and requires annotation, please use this table and indicate sheet names and cell references instead of page numbers. Please separate numbers and references with commas.

Document Title	Primary or Alternate	Category	Annotated in PDF?	Project Description (Name or Identifier)	Project Page Number(s)	Cost	Costs Page Number(s)	Comments on project or location of relevant information within document
Document 1 Title	P	V	<input checked="" type="checkbox"/>	---	---	---	---	---
Document 2 Title	P	I	<input type="checkbox"/>	DAF expansion #2	15, 16	\$4,000,000	24	See Table 2-2 for cost.
Document 3 Title	A	I	Excel					
Document 3 ▼		I ▼	<input type="checkbox"/>					



Add Project

Provisional Calculation: Costs in Annotation Table ?

Category	Sum of Category Cost
I	\$4,000,000
V	

Total Cost in Annotation table: \$4,000,000

Cost Estimation Tools

Cost Estimation Tools

Based on this CWNS ID's Infrastructure and selected facility types, the Cost Estimation Tools displayed below are available. By using the Cost Estimation Tool and requesting costs to be applied to the working CWNS ID, you certify there are no existing documents with documented costs that is covered by this Cost Estimation Tool for this facility.

Costs are not available in real-time and will be applied after 202X CWNS data collection has ended.

Available Cost Estimation Tools

Wastewater: Treatment Plant	Start
Wastewater: Collection	Start
Decentralized	<i>Not Available</i>
CSO	Start
Stormwater	<i>Not Available</i>
Nonpoint Source	<i>Not Available</i>

Nonpoint Source models still in development.
Wireframe not shown here

Cost Estimation Tool – Wastewater: Treatment Plant



By completing the Cost Estimation Tool section and requesting costs be applied to the working CWNS ID, you certify there are no existing documents with documented costs that is covered by this Cost Estimation Tool for this facility.

Costs are not available in real-time and will be applied after 202X CWNS data collection has ended.

Needs Category	Practice Type	Change Type	Construction Type	Future Design Flow (MGD)
I	Lagoon	Replace		3.05
II	Advanced	Rehabilitation		10
II	Disinfection Only	Treatment Upgrade	Chlorine	13

Edit



Delete



Add Project

- Lagoon
- Aerated Lagoon
- Secondary Mechanical
- Advanced
- Disinfection Only

- Treatment Upgrade

- Chlorine
- Ultraviolet (UV)

Save and Continue

Cancel

Cost Estimation Tool – Wastewater: Collection



By completing the Cost Estimation Tool section and requesting costs be applied to the working CWNS ID, you certify there are no existing documents with documented costs that is covered by this Cost Estimation Tool for this facility.

Costs are not available in real-time and will be applied after 202X CWNS data collection has ended.

Needs Category	Change Type	Length of Pipe (ft)	Number of Pump Stations	Pump Station Capacity (MGD)
IIIA	Rehabilitation	150,000		
IIIB	Replace	60,000		
IVB	Expansion	15,000	3	5

Edit

Delete



Add Project

New

Replace

Expansion

Save and Continue

Cancel



Cost Estimation Tool – Decentralized

By completing the Cost Estimation Tool section and requesting costs be applied to the working CWNS ID, you certify there are no existing documents with documented costs that is covered by this Cost Estimation Tool for this facility.

Costs are not available in real-time and will be applied after 202X CWNS data collection has ended.

* Indicates required field.

* Needs Category

* Change Type

* Number of Homes Served

If number of homes served/systems is not known, use the inputs below

Population Served

Population per
Household

Save and
Continue

Cancel



Cost Estimation Tool – CSO

By completing the Cost Estimation Tool section and requesting costs be applied to the working CWNS ID, you certify there are no existing documents with documented costs that is covered by this Cost Estimation Tool for this facility.

Costs are not available in real-time and will be applied after 202X CWNS data collection has ended.

* Indicates required field.

* Needs Category

* Change Type

* Capacity

 million gallons

Save and
Continue

Cancel