Point source data team – project update for WWTWG

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Project overview

Goals

- Streamline data reporting process and final progress run data preparation
- Reduce burden of data reporting/quality assurance on jurisdictions and PS data manager
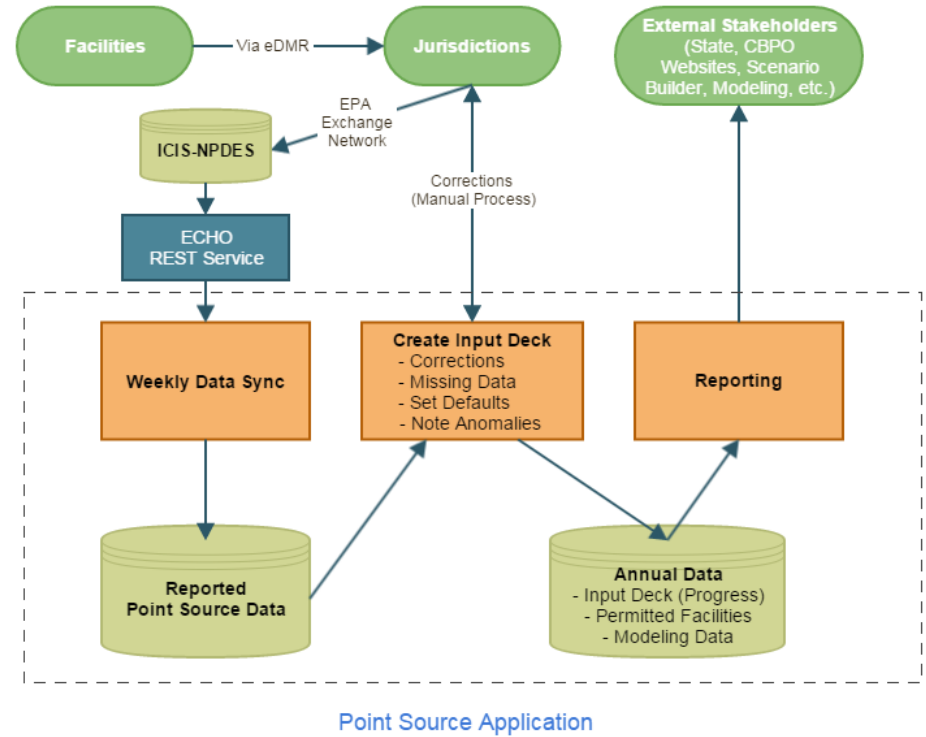- Improve data quality, data management process, and documentation

Assumptions

- Jurisdictions will use new tool to submit all final point source progress data to CBP
- New tool will use ICIS-NDPES as the initial source of all facility/point source data
- New tool will produce final point source progress data in required format for CBP model run
- Point source data manager will use the tool for reviewing jurisdictions submissions
- Final point source progress data will be maintained in a CBP-developed database

Project status

- ▶ Met with jurisdictional participants five times from Spring 2016 – Spring 2017
  - ▶ Agreed upon high level design
  - ▶ Agreed upon data set "rules"
- ▶ Determined approach for data exchange
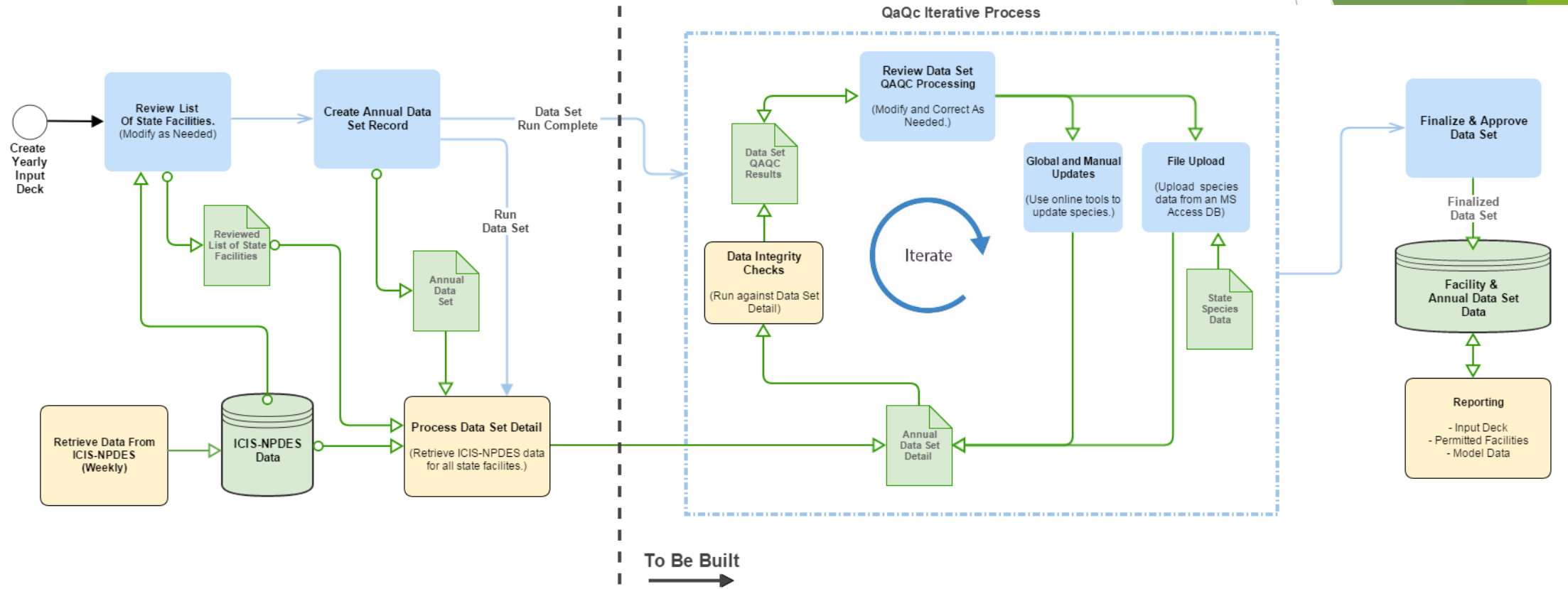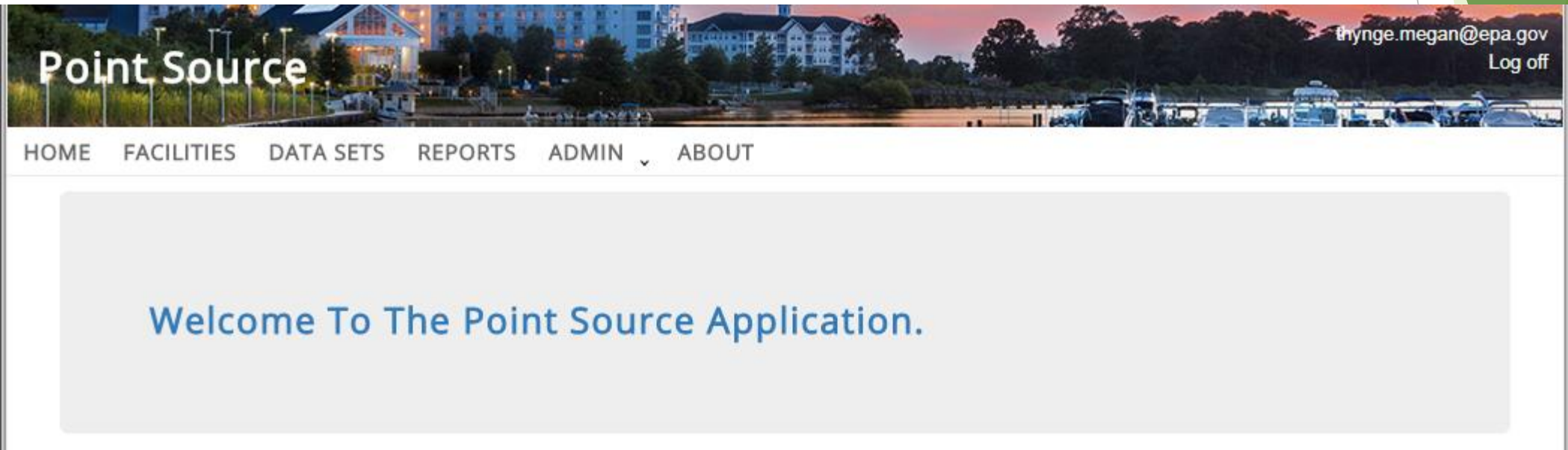 - ▶ ICIS-NPDES zip files; weekly download

Point Source Application

Flow – MGD (Million Gallons per Day)

Priority	Code	Description	Units	Base Type	Processing
1	50050	Flow, in conduit or thru treatment plant	MGD	AVG	Use value.
2	50050	Flow, in conduit or thru treatment plant	Missing	AVG	Use value if Standard Unit Code is MGD. Mark as missing unit.
3	50050	Flow, in conduit or thru treatment plant	MGD	MAX	Use value.
4	50050	Flow, in conduit or thru treatment plant	Missing	MAX	Use value if Standard Unit Code is MGD.
5	50050	Flow, in conduit or thru treatment plant	MG/Month	TTL	Divide by number of days in month to get MGD.
6	82220	Flow, total	MG/Month	TTL	Divide by number of days in month to get MGD.
7	00056	Flow rate	Missing	AVG	Use value if Standard Unit Code is MGD.
8		Default			Use state specific default.

Application – Beta version

Application – Beta version

Facility home page

State view

FACILITIES

State Show All

DE ×   ×

| Add New Facility | Clear Filters | | | | | Export To Excel |

Drag a column header and drop it here to group by that column

ID	State ▼	NPDES ▼	Facility ▼	Status ▼	Discharge Type ▼	Facility Type ▼	Edit
13	DE	DE0000027	PERDUE INCORPORATED		INDUSTRIAL	IN SIG	✎
14	DE	DE0000035	INVISTA (DUPONT-SEAFORD)	Active	INDUSTRIAL	SIG	✎
15	DE	DE0020125	LAUREL	Active	MUNICIPAL	SIG	✎
16	DE	DE0020249	BRIDGEVILLE	Active	MUNICIPAL	SIG	✎
17	DE	DE0020265	SEAFORD	Active	MUNICIPAL	SIG	✎
18	DE	DE0021679	AMERICAN ORIGINAL CORPORATION		INDUSTRIAL	IN SIG	✎
19	DE	DE0050725	MOBILE GARDENS TRAILER PARK	Active	MUNICIPAL	IN SIG	✎
20	DE	DE0050938	DELAGRA CORPORATION		INDUSTRIAL	IN SIG	✎
21	DE	DE0050971	BASF INNOCHEM-SEAFORD	Active	INDUSTRIAL	IN SIG	✎

Filtering capabilities

Export to Excel

Add/Manage facility list

ADD FACILITY

NPDES *

[   ]

FacilityName *

[   ]

StreetAddress *

[   ]

City *   **StateId** *   **ZipCode** *

[   ]   [... ▼]   [   ]

TNPermitLimit *   **TPPermitLimit** *

[   ]   [   ]

Facility Size *

[Select facility Size   ▼]

SIC Code *

[Select SIC Code   ▼]

Facility Status *

[Select facility Status   ▼]

FacilityOnlineDate   **FacilityOfflineDate**   **TNLimitEffectiveDate**   **PNLimitEffectiveDate**

[📅]   [📅]   [📅]   [📅]

CurrentPermitExpirationDate **CurrentPermitIssueDate** **OriginalPermitIssueDate** **CurrentPermitEffectiveDate**

[📅]   [📅]   [📅]   [📅]

Is Significant

◯ Significant ◯ In Significant

DischargeTypeId *

[Select Discharge Type   ▼]

WIP Target Code *

[   ]

[Save] [Cancel]

Add/Manage facility list

Create annual dataset

Create annual dataset

View DMR data

Annual DMR Detail

Select Annual DMR

DE-2016Test ▼

Select Sig/In Sig

Significant ▼

Search Facility

[   ] 🔍

Return To List

Clear Filters

Export To Excel

		Monitoring... ▼	Parameter... ▼	Units ▼	Value ▼	QaQcComment ▼
▶ LAUREL - 001						
▲ SEAFORD - 001						
	▲ Flow - Per Day					
		Jul-31-2015	50050	MGD	1.17	DB-Daily Average, Used DMR Data
		Aug-31-2015	50050	MGD	1.11	DB-Daily Average, Used DMR Data
		Sep-30-2015	50050	MGD	1.03	DB-Daily Average, Used DMR Data
		Oct-31-2015	50050	MGD	1.04	DB-Daily Average, Used DMR Data
		Nov-30-2015	50050	MGD		Value Not Found
		Dec-31-2015	50050	MGD		Value Not Found
		Jan-31-2016	50050	MGD		Value Not Found
		Feb-29-2016	50050	MGD		Value Not Found

View checks

DMR Data QAQC Fail Records

Select Annual DMR

| DE-2016Test ▼ | Return To List | View by Facility : ☐ |

| Clear Filters | | | | | | | | Export To Excel |

	Facility	▼	NPDES	▼	Monitoring ...	▼	C ▼	V ▼	Parameter	▼	F ▼	Fix
▶	**Facilities With "Below Detection Limit - No Detection - B" - (Count : 2)**										**Fix All** ▼	
▶	**Facilities With "No Discharge" - (Count : 132)**										**Fix All** ▼	
▶	**Value Not Found For DO - (Count : 32)**										**Fix All** ▼	
◢	**Value Not Found for PO4 - (Count : 48)**										**Fix All** ▼	
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Jul-31-2015		0...		Phosphate		**Fix All**	
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Aug-31-2015		0...		Phosphate		**Use User Submitted Value**	
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Sep-30-2015		0...		Phosphate		**Use Percent of other MeasuredValue**	
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Oct-31-2015		0...		Phosphate		**Use Sum of Two Species Value**	SIG ☑
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Nov-30-2015		0...		Phosphate			SIG ☑
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Dec-31-2015		0...		Phosphate			SIG ☑
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Jan-31-2016		0...		Phosphate			SIG ☑
	INVISTA (DUPONT-SEAFORD) - 001		DE0000035		Feb-29-2016		0...		Phosphate			SIG ☑

Status and schedule

- Working with PA-specific data checks – Now

- Internal testing – Now

- PA user testing – September 2017

- Reaching out to all other jurisdictions – Fall 2017

Contact

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