

EN2017

SHARED SERVICES ACROSS THE ENTERPRISE

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2017 Exchange Network National Meeting

INNOVATION AND PARTNERSHIP

May 15-18, 2017
Sheraton Philadelphia Society Hill Hotel
Philadelphia, Pennsylvania
#EN2017
http://www.exchangenetwork.net/en2017

ABSTRACT

Partners across the Environmental Enterprise can deliver environmental management more effectively and efficiently by:

- cooperatively developing tools,
- consolidating commonly used functions, and
- offering them as Shared Services.

Why Are We Here?

The environmental mission is more complex, crossing more media, and requiring increased data interoperability to answer difficult questions and challenges – we aren't capable of addressing these changes without moving into the world of web services and APIs.

We are here to:

 Enable Environmental Innovation Outside the Halls of the Exchange Network

Work Smarter not Harder

Setting the Context: Understanding the Strategic Opportunity

The Shared Services Strategy provides a framework to develop and adopt priority information technology services across the partnership.

The strategy will address the following known challenges:

- How do we build services collaboratively with a customer-centric approach?
- How do we use governance to enable smooth operation and efficient use of developed services?
- How do we ensure partners adopt and use services?

"Shared Services First" - Build the culture to support the philosophy that we build services for scaling/reuse.

Shared Service Benefits

- Reduced development costs
- Improved data quality
- Reduced reporting burden
- Increased access to current data

Scope of the Strategy: Focus on Information Technology

Four key "buckets" of potential services:

- Application services
 - Perform a transaction (e.g., Lexus Nexus in CROMERR)
- Data services
 - Make a request and get data back (e.g., FRS; WQX)
- Platform services
 - Aggregate information from various sources (e.g., E-Enterprise Portal)
- Code sharing
 - Develop code and share with others (e.g., Be Well Informed)

Recent Governance Touchpoint

April 5: The Shared Services work was presented to the EELC, who was asked to:

- Prioritize work areas for the Management Board and Interoperability and Operations Team to focus.
- Help users **Adopt** priority services by
 - Lowering barriers
 - Providing incentives
 - Encouraging via governance
- Identify and Allocate resources to accomplish goals for the shared services

Shared Services Are Modernizing the business of Environmental Protection

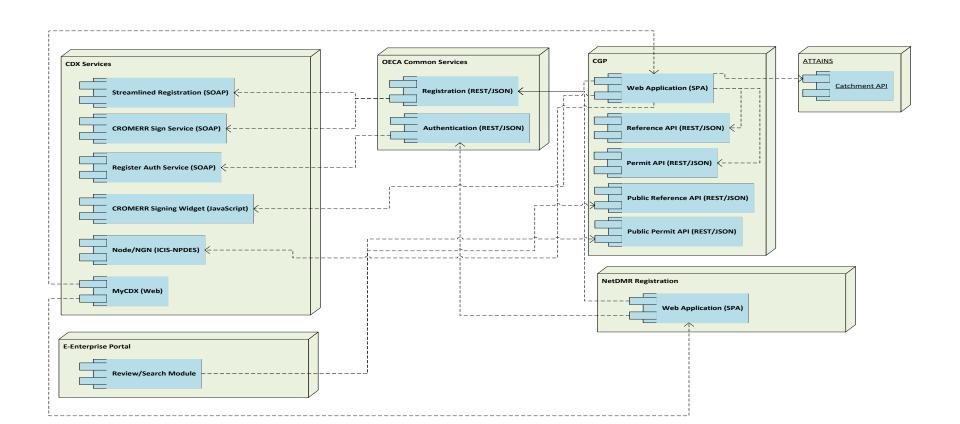
Data Shared Services

Efficient Leverage Common
Reduction Components Integration
Agile WQX Effective SCS

WebServices

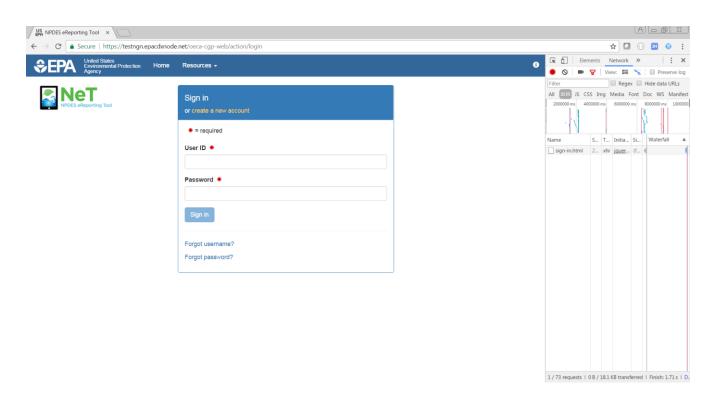
Open Interoperable Standards
Reduce Cost
Solutions Reusable

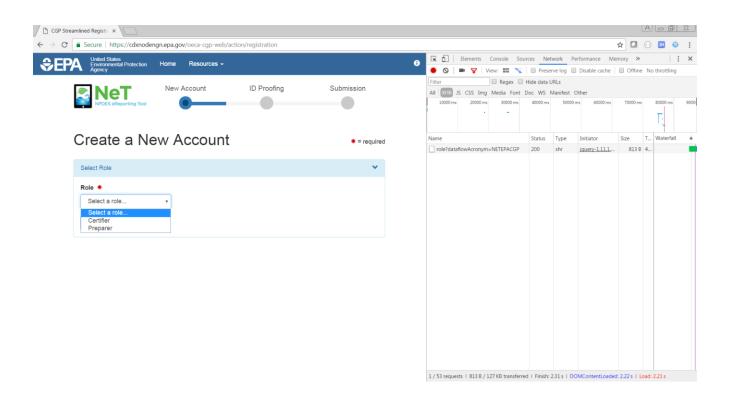
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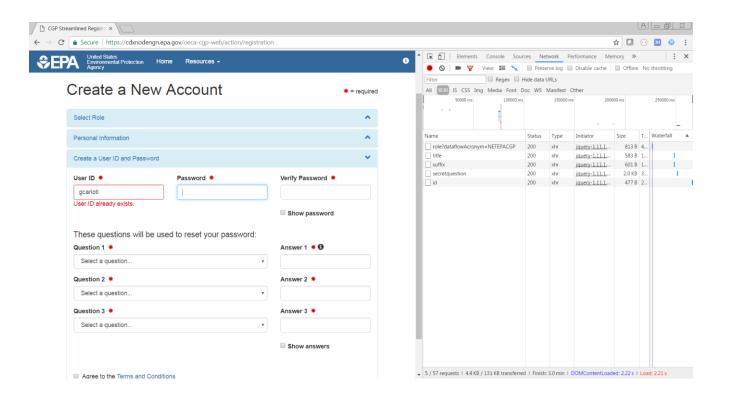


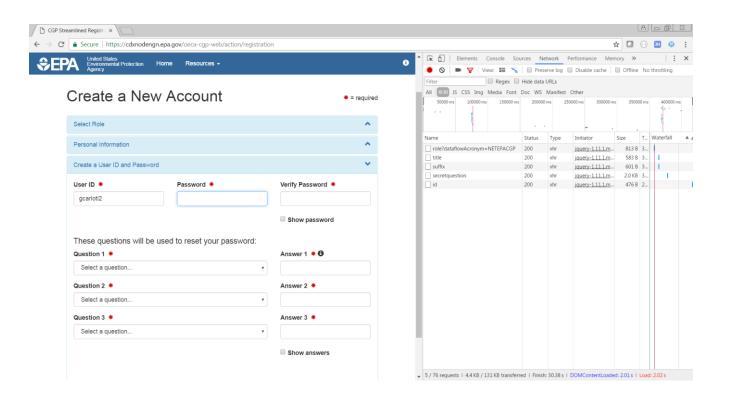
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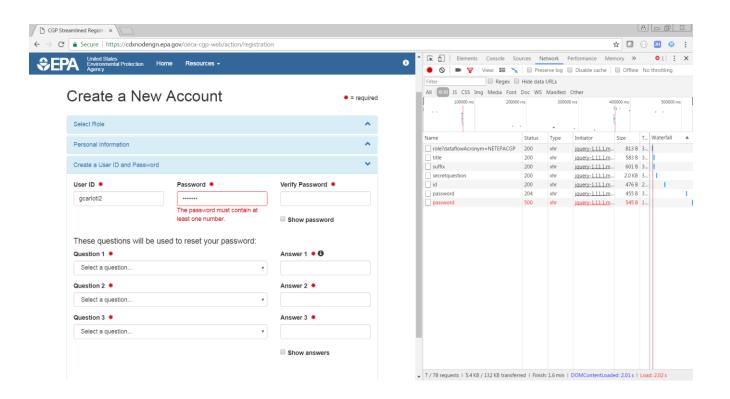
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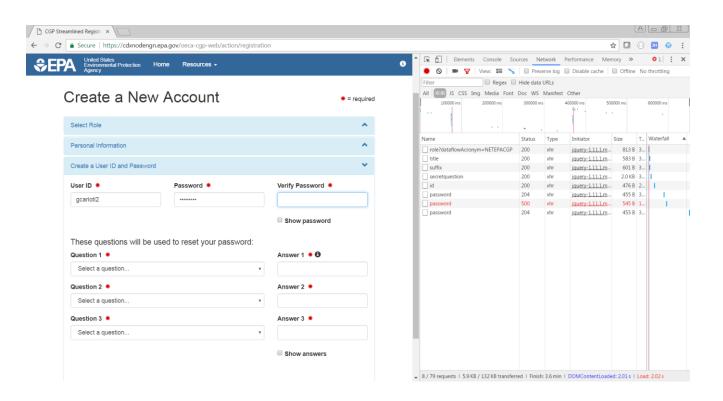


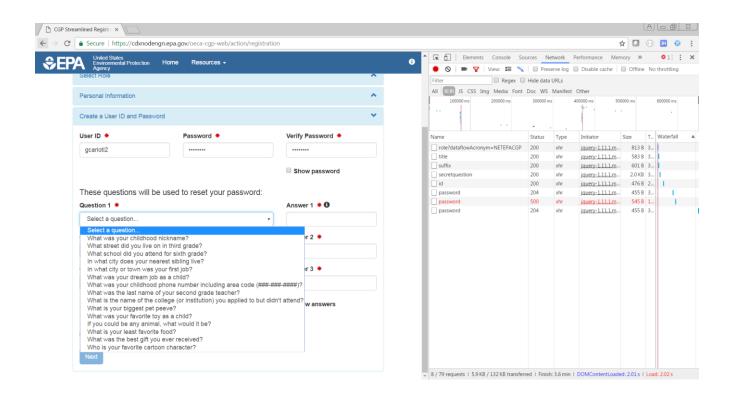


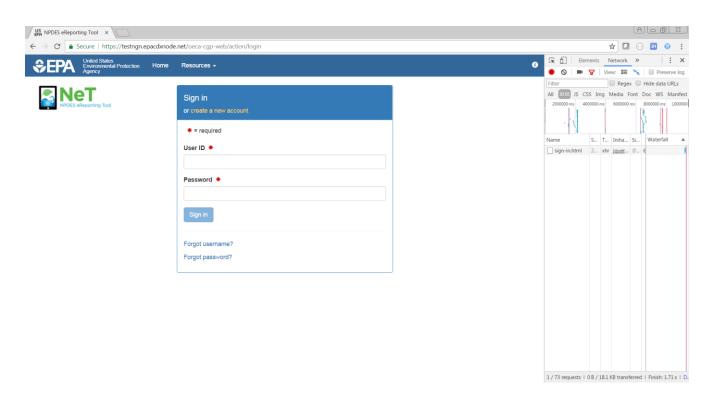


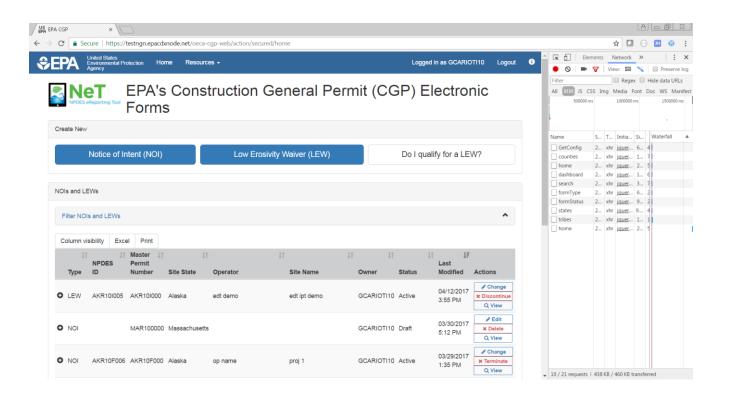


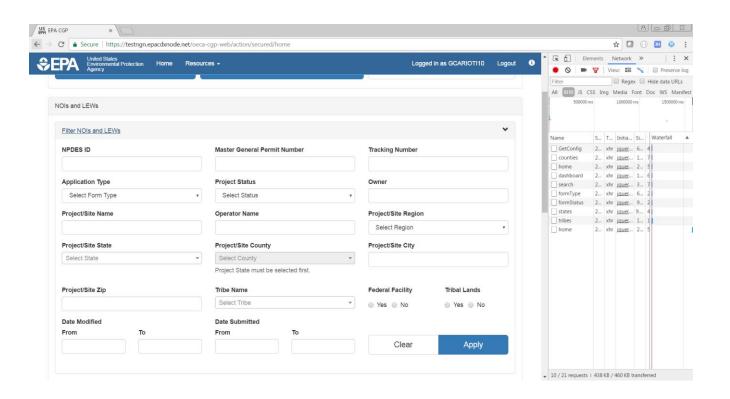


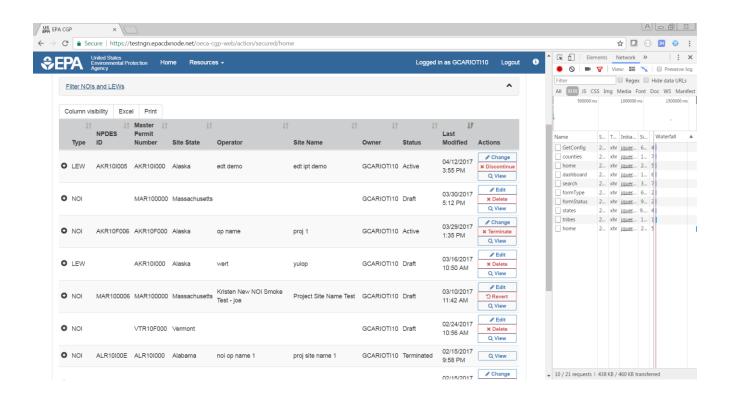


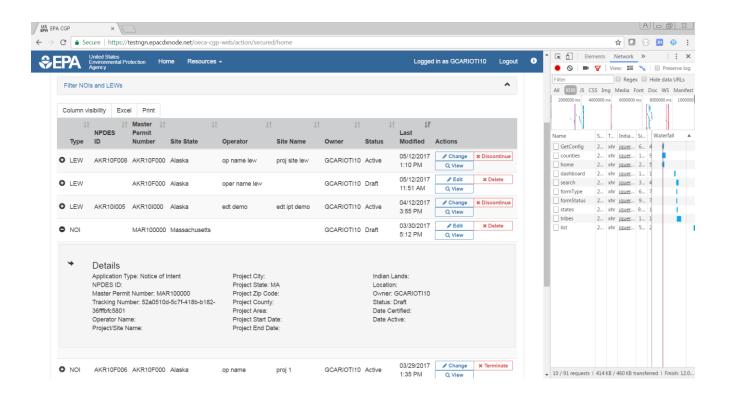


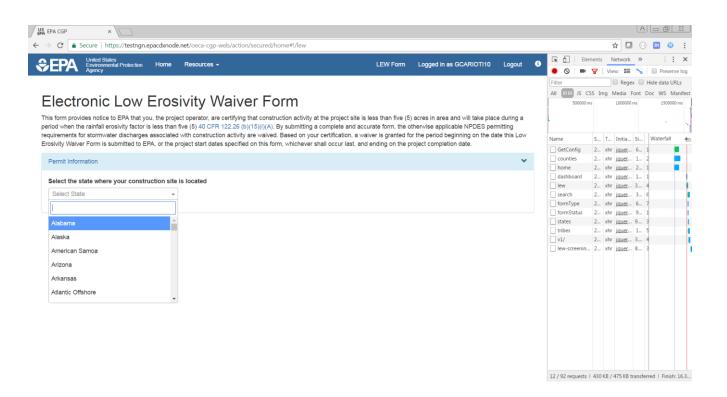


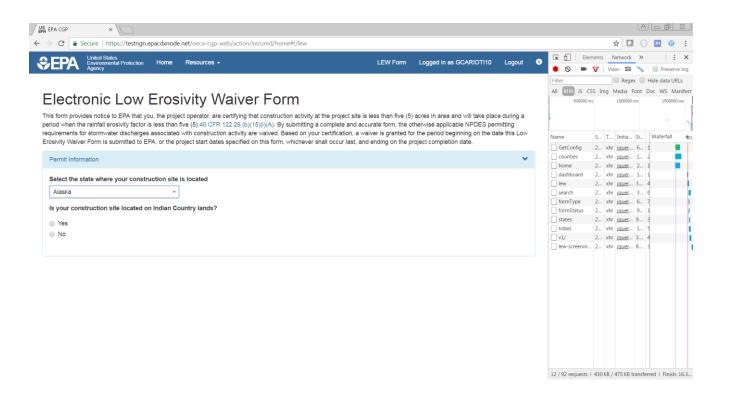


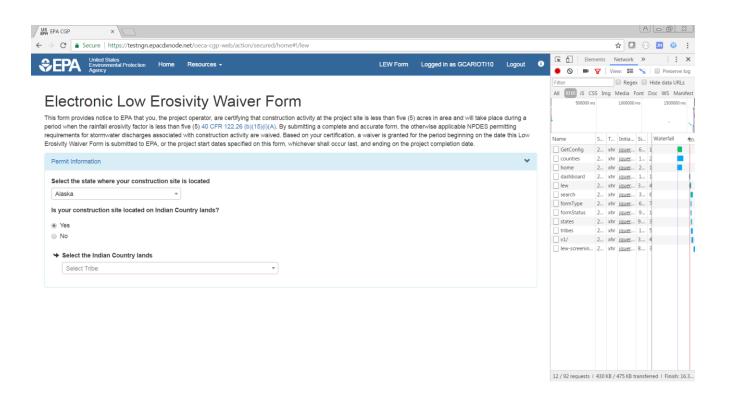


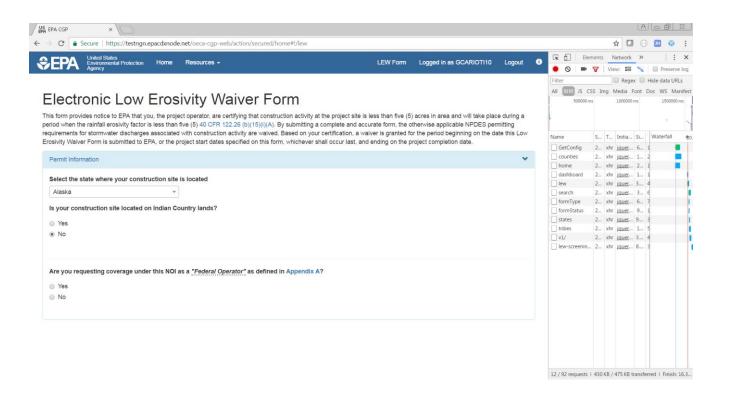


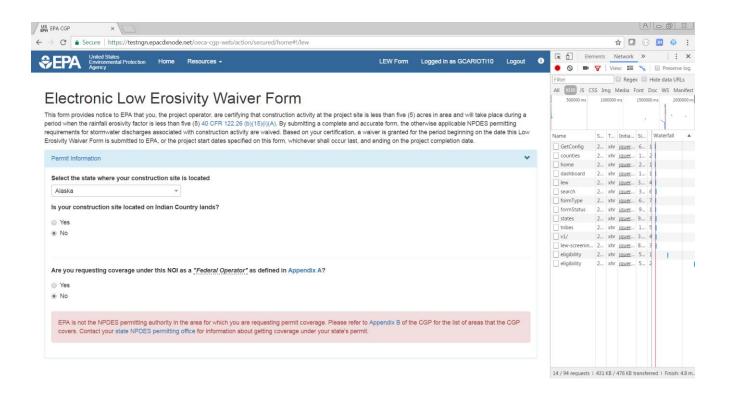


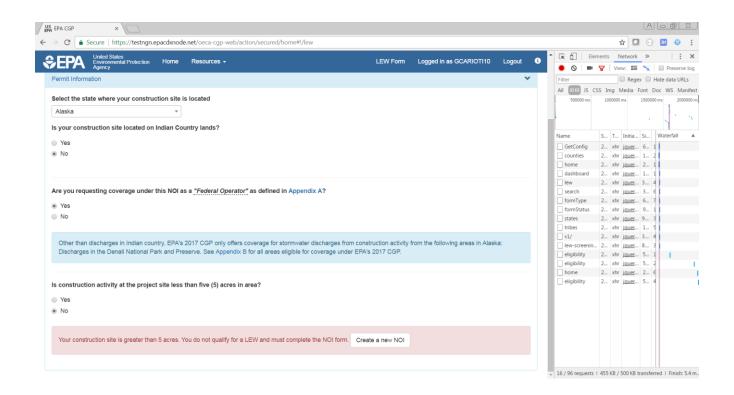


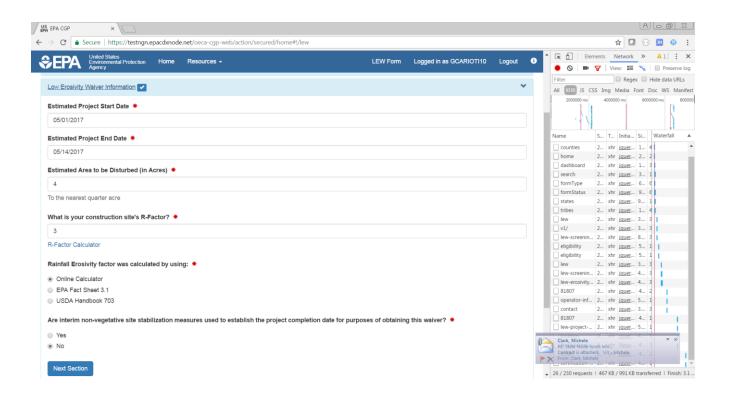


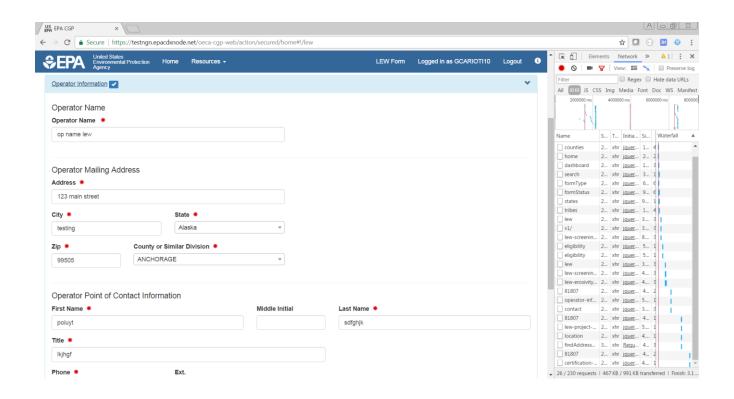


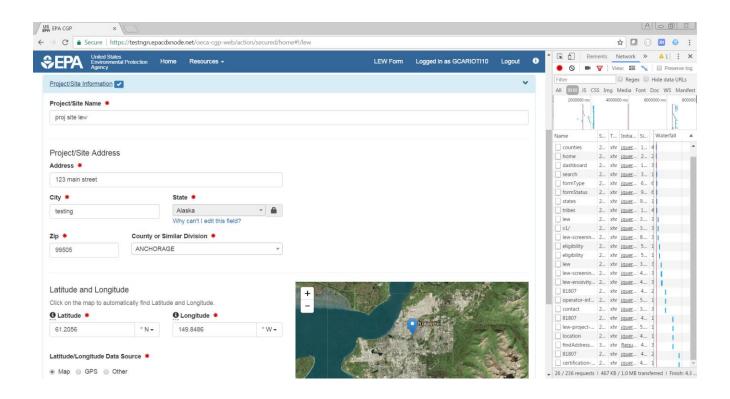




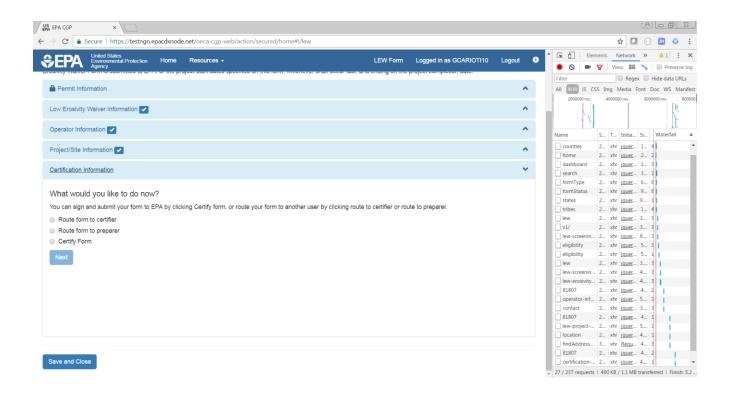


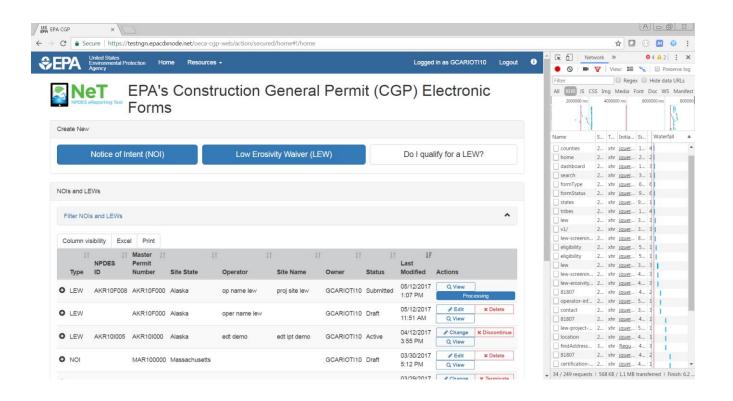






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Results for	CGP Search	1						
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NPDES ID	Туре	Owner/Operator	Site Name	Site State	Site City	Status	Submitted •	Date of Coverage
WAR10F016	Low Erosivity Waiver	Yakima Training Center	UAS Landing Strip	WA	Yakima	Active	5/12/2017	5/12/2017
TXR10F4DB	Notice of Intent	CPS Energy	Echelon at Monterrey Village Apartments	TX	San Antonio	Terminated	5/11/2017	5/11/2017
MAR100064	Notice of Intent	Massachusetts Department of Transportation (MassDOT), Highway Divison	Pittsfield # 607900 - Intersection Center St and Route 20	MA	Pittsfield	Terminated	5/10/2017	5/10/2017
IDR10009X	Low Erosivity Waiver	Ada County Highway District	Alpine St, Orchard St to Randall St	ID	Boise	Active	5/10/2017	5/10/2017
IDR10009W	Low Erosivity Waiver	Ada County Highway District	Cameron @ Fairfield Pedestrian Improvements Projects	ID	Boise	Active	5/10/2017	5/10/2017
IDR100030	Notice of Intent	Gardner Homes Idaho	Lot 12 Block 2 Vicenza	ID	Meridian	Active	5/9/2017	5/9/2017
NMR10003H	Notice of	Gardner Zemke	TA-3 Substation Replacement Project	NM	Los Alamos	Active	5/9/2017	5/9/2017

X Details for MAR100064 - Pittsfield # 607900 - Intersection Center St and Route 20 < Back to Search Results **General Permit Information** NPDES ID MAR100064 Form Type Notice of Intent Terminated Status Submitted 5/10/2017 **Hold Period Expiration** 5/10/2017 **Operator Information Operator Name** Massachusetts Department of Transportation (MassDOT), Highway Divison Address 270 Main Street Lenox, MA 01240 BERKSHIRE County BERKSHIRE Point of Contact Amer Raza Phone # 413-637-5757 Email amer.raza@state.ma.us

Details for MAR100064 - Pittsfield # 607900 - Intersection Center St and Route 20

X

[A pasis statement supporting the selection of this criterion should identify the information resources and expertise (e.g., state or federal biologists) used to arrive at this conclusion. Any supporting documentation should explicitly state that both ESA-listed species and designated critical habitat under the jurisdiction of the USFWS and/or NMFS were considered in the evaluation. Attaching aerial image(s) of the site to this NOI is helpful to EPA, USFWS, and NMFS in confirming eligibility under this criterion.]

Summary of criterion selection basis Discharges not likely to adversely affect ESA-listed species and/or designated critical habitat.

Species and Habitat in Action Area Northern Long Eared Bat

Distance between site and species or designated critical habitat

1 miles

Historic Preservation

Installing stormwater controls as described in Appendix E that require subsurface earth disturbances? (Appendix E, Step 1)

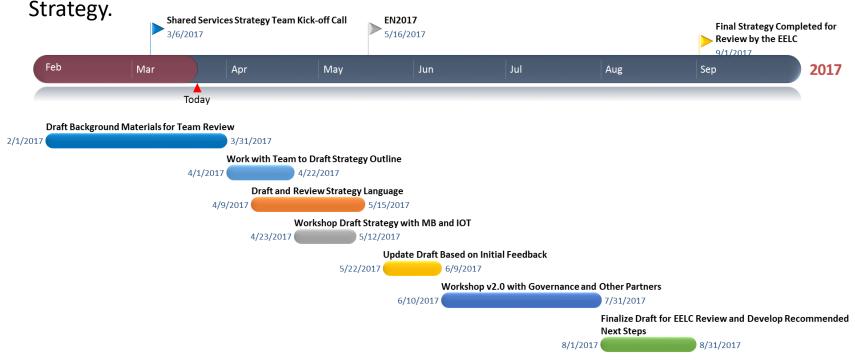
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Corresponding Documents

File Name	File Size	File Section	Date uploaded
NHESP.pdf	88650 bytes	Endangered_Species_Protection	5/10/2017
MAR100064CopyOfRecord.pdf	43519 bytes	CoR	5/10/2017

Shared Services Implementation Strategy: Status Update

Key Dates: Fall EELC meeting - EELC approve/disapprove Final Shared Services Strategy.



Strategy Overview

- The objectives include development of the following:
 - Technology framework
 - How are we building and supporting services?
 - Governance and management processes?
 - How are we prioritizing, funding, maintaining and managing change to services?
 - Communications and partner customer relations function
 - How are we marketing service to our customers and getting their feedback?
 - Usage and monitoring analytical process and capability
 - How are we making sure the services are performing and meeting the customers needs?
 - Preliminary implementation plan
 - How can we quickly move beyond the strategy and into implementation? Are there
 more immediate steps that we need to take first, for example bringing existing services
 into the enterprise?

Here's What You Can Do

Give us feedback on the strategy:

- Is there anything we missed?
- What is it that we absolutely must get right with this strategy?
- In preparing for setting priorities, are their certain shared services or categories of shared services that we should focus on first?

Discussion and Feedback

- Are there other shared services examples?
- Other feedback?
- Questions?