



Data Management

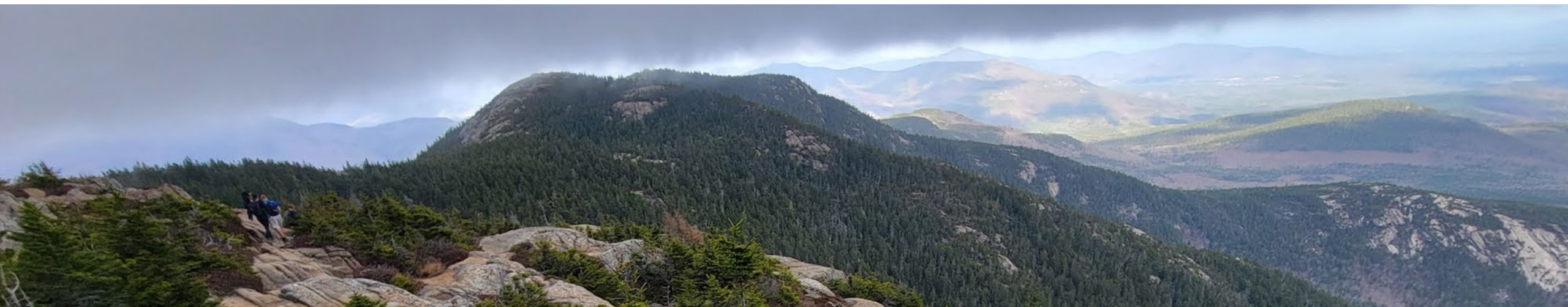
Air Resources Division
Andrew Cornwell,
Business Systems Analyst

9/10/2024

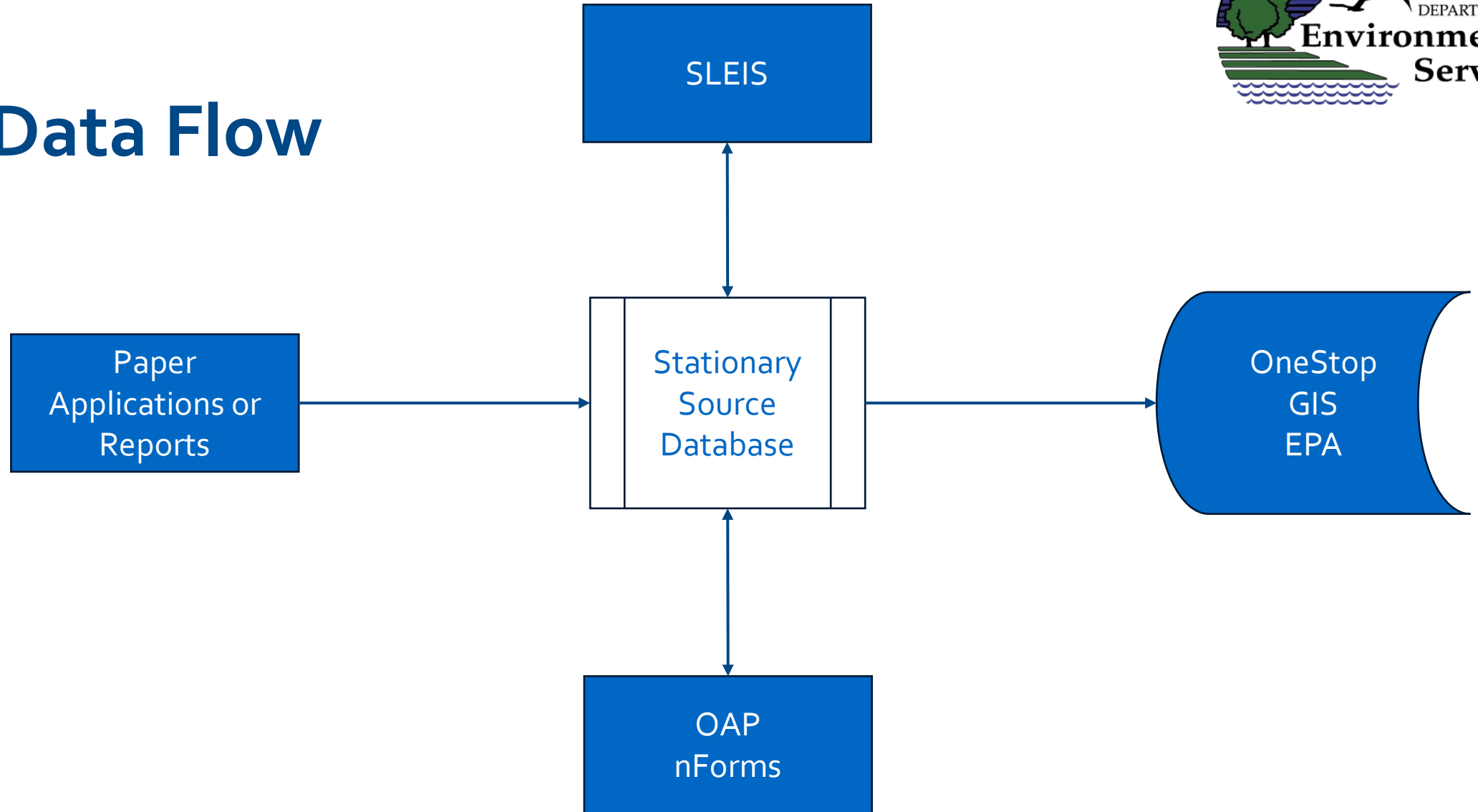


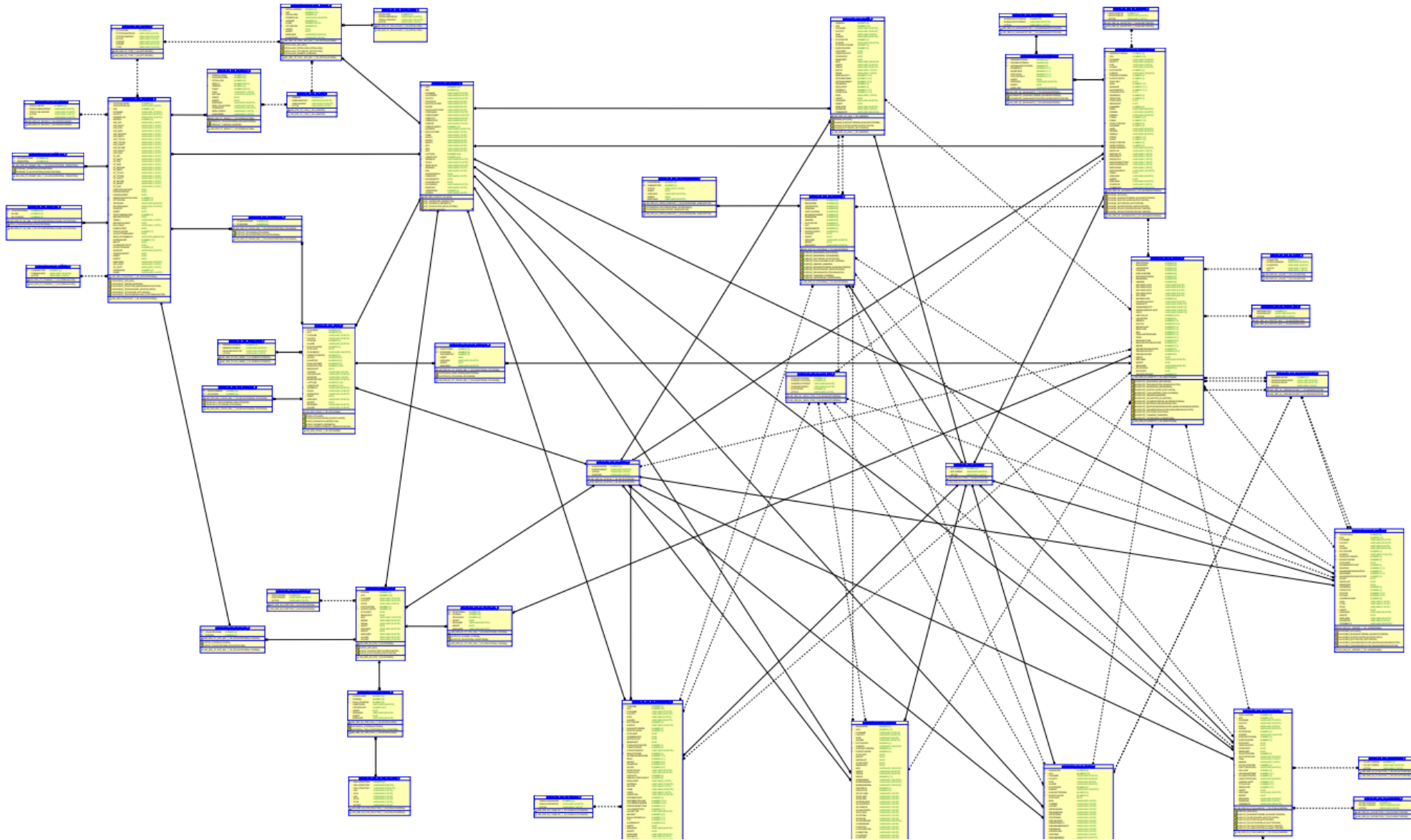
Various Data Systems

- SSD – Stationary Source Database
- EQM – Equipment & Monitoring Database
- SLEIS – State & Local Emissions Inventory System
- OAP – Online Air Permitting System
- NHDES OneStop
- GIS
- nForms
- SQL Server Reporting Service



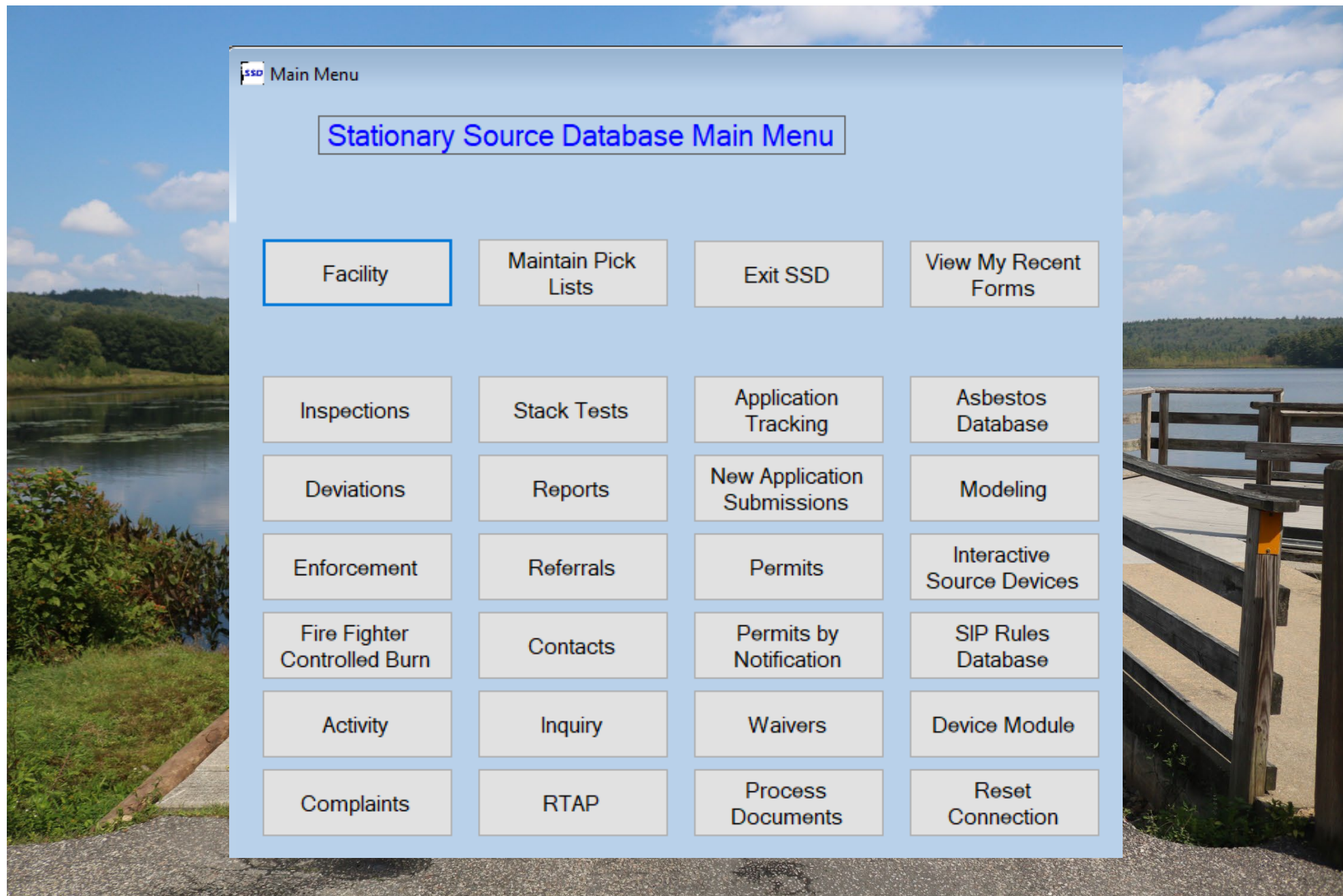
Data Flow





SSD Main Menu

- Designed and built internally
- Modular based Relational database



Facility Form

- Heart of the database

SSO Facility - AFS 3301300026

<= Previous AFS: 3301300026 Facility Master ID: 15839 Next =>

Main Menu Open Folder Add Save Master ID CEM Data Programs Former Names Associate ST Polls EJ Area History

Back to List ASB School Modify Cancel Delete CMS Pollutants Facility Records Associate Contacts Associate Reports

Physical Location *Corporate Information* Same as Physical Specify Int1 Address

Name: GSP MERRIMACK LLC Name: GSP MERRIMACK LLC

Street: 431 RIVER RD Street: 431 RIVER RD

City: BOW NH 03304 City: BOW NH 03304

Country: MERRIMACK Country: UNITED STATES

Facility Description:
FORMERLY 97 RIVER RD - TOWN OF BOW RENAMED STREET TO RIVER RD AND RENUMBERED IN MARCH 2015.
PARENT CORPORATION ADDRESS CHANGED TO: GRANITE SHORE POWER LLC, 431 RIVER RD., BOW NH 03304

Characters Left: 813

Government Facility Code: 0 - FACILITY NOT GOVERNMENT OWNED E/J Area: NO Last EJ Assessment Date: 3/29/2023

Primary NAICS: 221112 - FOSSIL FUEL ELECTRIC POWER GENERATION Primary SIC: 4911 - ELECTRIC SERVICES

Secondary NAICS: Secondary SIC: Edit SIC or NAICS

Tertiary NAICS: Tertiary SIC: Edit SIC or NAICS

Site has CEM: Yes CMSC: TITLE V MAJOR Frequency: 2

GIS Information
Lat: 43.141111 Long: -71.469167 Qa/Qc'd: Yes Method: INTERPOLATION - MAP Scale: 24000 Datum: NAD 83

General Facility Information - Not Modifiable
Operating Status: OPERATING Source Class: MAJOR (TITLE V) Sub Class: HAP AND CAP MAJOR

Last Inspection Date/Type: 12/21/2023 - STATE ONSITE PCE Last Stack Test Date/Type: 07/11/2024 - STATE REQUIRED TEST

Record Complete: Y Dead File: No Year to be destroyed: EPA: Y Date Send EPA: 6/7/2016

Date Added: 10/6/2011 Date Modified: 3/30/2023 User: WSADC

Related Facility Records

- Just a few button clicks away to immense amount of data

Facility - AFS 3301300026

Facility Master ID: 15839

Physical Location: Name: GSP MERRIMACK LLC, Street: 431 RIVER RD, City: BOW, County: MERRIMACK, State: NH, Zip: 03304

Corporate Information: Name: GSP MERRIMACK LLC, Street: 431 RIVER RD, State: NH, Zip: 03304

Facility Description: FORMERLY 97 R PARENT CORPO

Government Facility Code: 0 - FACILITY

Primary NAICS: 221112 - F

Secondary NAICS:

Tertiary NAICS:

Site has CEM: Yes

GIS Information: Lat: 43.141111, Long: -71.469167, Qa/Qc'd: Yes, Method: INTERPOLATION - MAP, Scale: 24000, Datum: NAD 83

General Facility Information - Not Modifiable

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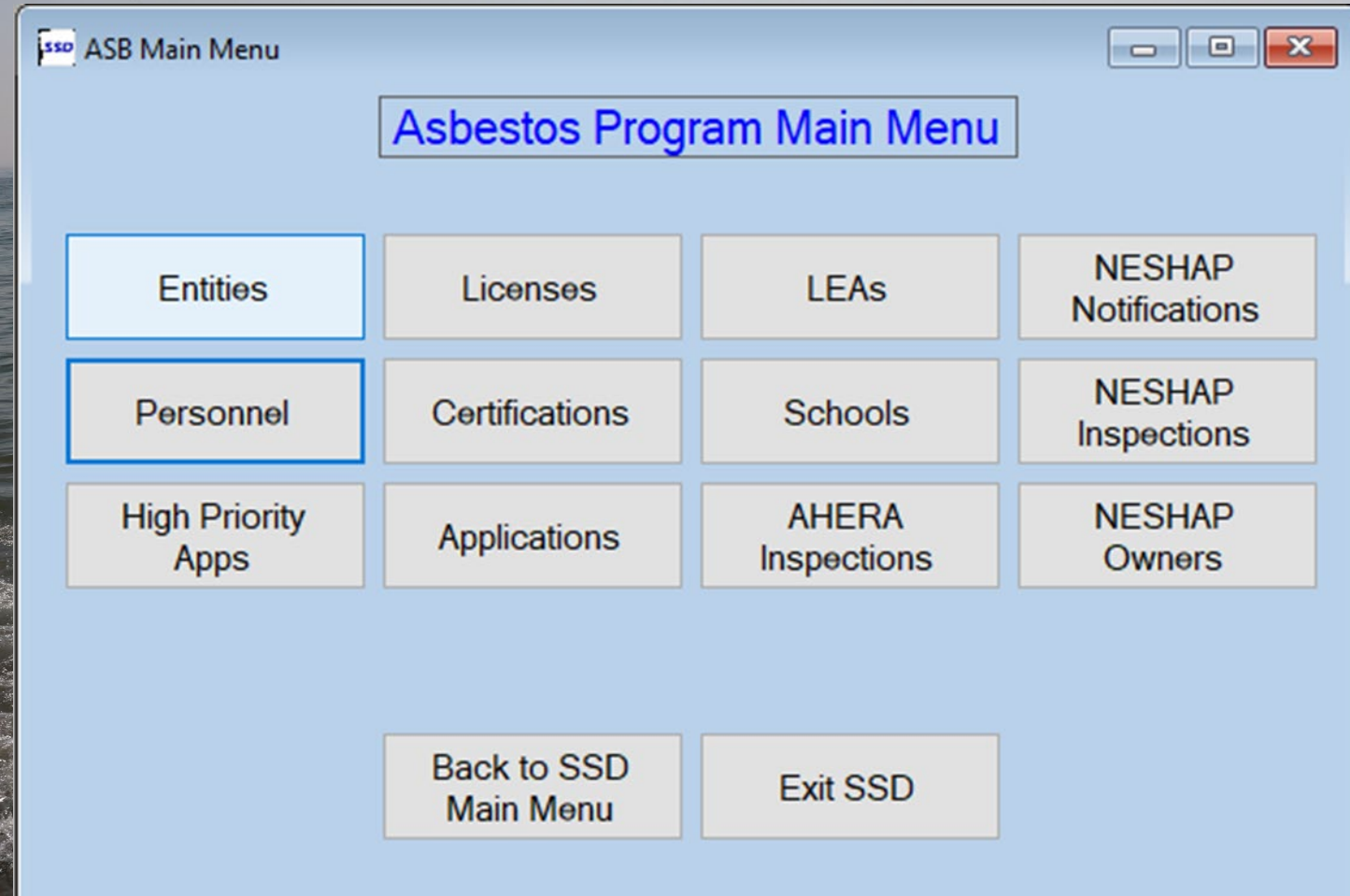
Record Complete: Y, Dead File: No, Year to be destroyed: , EPA: Y, Date Send EPA: 6/7/2016

Date Added: 10/6/2011, Date Modified: 3/30/2023, User: WSADC

Permits: 13	Insp.: 42	Activity: 17	Complaints: 71	NESHAP: 24
Apps: 35	Reports: 925	Referrals: 17	Deviations: 41	AHERA: 0
PBN: 0	Inquiry: 0	Stack Tests: 183	Enforcement: 9	Waivers: 3
EU: 10	PCE: 7	Stack: 10		

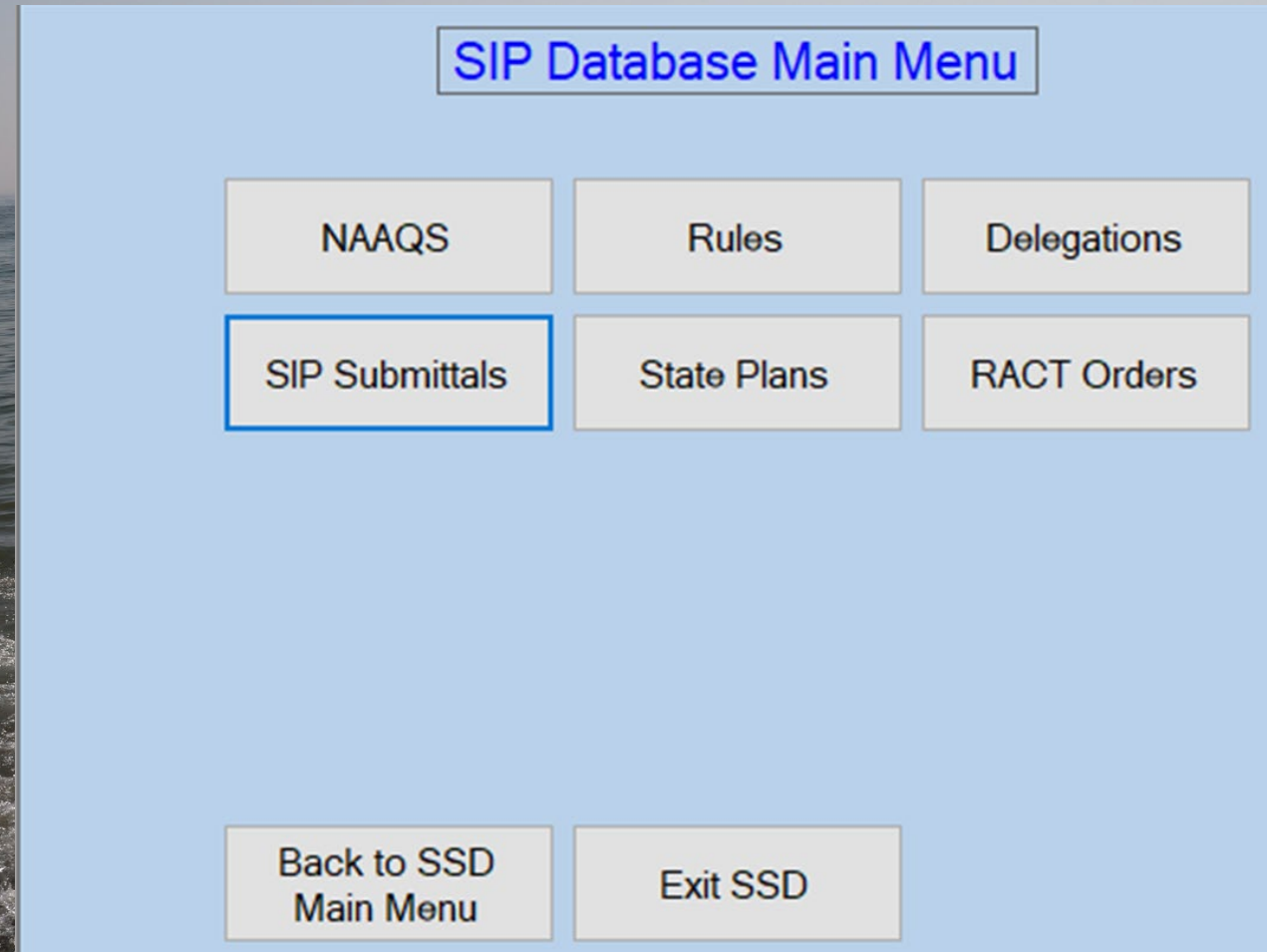
- Sub database of the SSD
- Tracks all NESHAP Notifications
- Tracks Licensed Entities and Certified Personnel

Asbestos Program Database



State Implementation Planning Database

- Tracking of SIP submittals
- Rulemaking



The background of the slide is a photograph of several industrial smokestacks. Each stack is emitting a thick plume of white smoke that rises into the sky. The sky is a deep, dark blue, suggesting dusk or dawn. The smokestacks are dark in color, and the overall scene is industrial and somewhat somber.

SLEIS – State & Local Emissions Inventory System

- Internal database to manage emissions data and to export to the EPA's Emissions Inventory System (EIS)

SSRS Reports

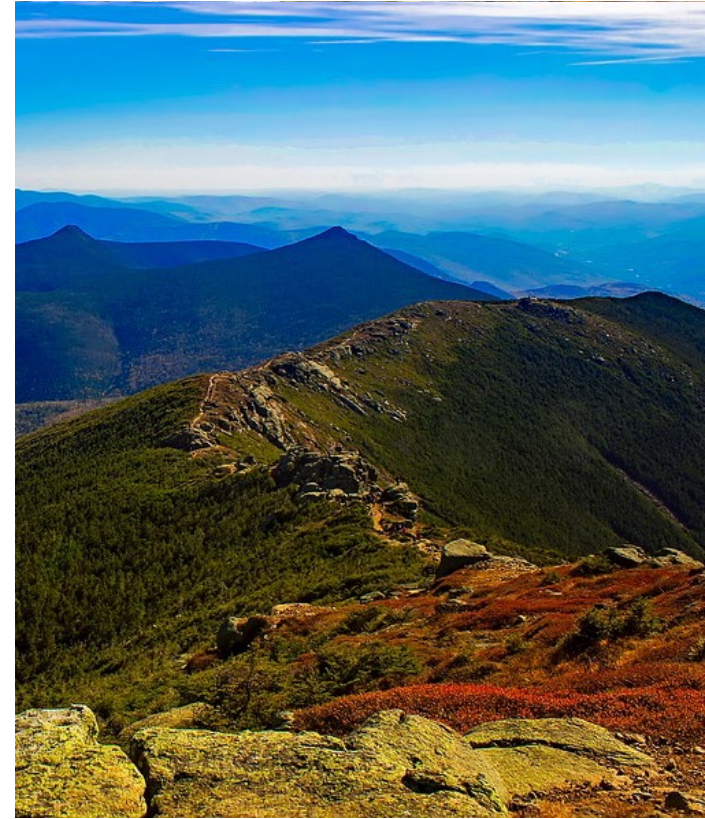
Facility Device Info for 3301300026 - GSP MERRIMACK LLC

SOURCETABLE	EURSN	EUID	ALIASID	SLEIS ID	EU Type Desc	EU Description	Status
AIR_SSD_EU_B	1236		MK1	001	BOILERS	STEAM GENERATING UNIT #1	OPERATING
OILER_T							
AIR_SSD_EU_B	1237		MK2	002	BOILERS	STEAM GENERATING UNIT #2	OPERATING
OILER_T							
AIR_SSD_EU_E	1720		MKCT1	003	ENGINES AND TURBINES	COMBUSTION TURBINE #1	OPERATING
NGINE_T							
AIR_SSD_EU_E	1721		MKCT2	004	ENGINES AND TURBINES	COMBUSTION TURBINE #2	OPERATING
NGINE_T							
AIR_SSD_EU_U	1320		MKPCC	005	UNIT OF PROCESSING AND MFG EQUIPMENT	PRIMARY COAL CRUSHER SYSTEM	OPERATING
OPMFG_T							
AIR_SSD_EU_U	1321		MKSCC1	006	UNIT OF PROCESSING AND MFG EQUIPMENT	SECONDARY COAL CRUSHER SYSTEM	OPERATING
OPMFG_T							
AIR_SSD_EU_E	1723		MKEG	007	ENGINES AND TURBINES	EMERGENCY GENERATOR	OPERATING
NGINE_T							
AIR_SSD_EU_B	1238		MKEB	008	BOILERS	TEMPORARY BOILER	OPERATING
OILER_T							
AIR_SSD_EU_E	1722		MKEC	009	ENGINES AND TURBINES	EMERGENCY COOLING PUMP ENGINE	OPERATING
NGINE_T							
AIR_SSD_EU_E	1724		MKLC1	010	ENGINES AND TURBINES	LIMESTONE PROCESSING AND HANDLING SYSTEM	OPERATING
NGINE_T							

- Updating SLEIS
- Conversion of OAP to nForms
- Creation of Asbestos NESHAP nForms



Current Projects

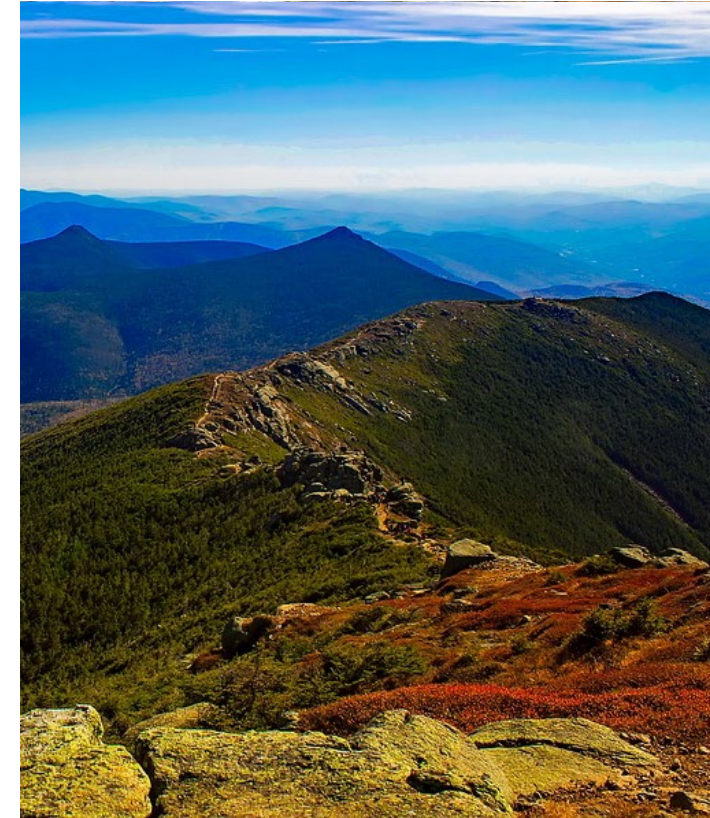


- Expand Asbestos nForms to include Licenses and Certifications
- Expand Permitting norms to include more complex applications and permits



NEW HAMPSHIRE
DEPARTMENT OF
**Environmental
Services**

Future Projects





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Thank you

