

New Hampshire
Department of Environmental Services
2013 ANNUAL REPORT
Fiscal Year Ended June 30, 2013

Pursuant to RSA 20:7



October 2013



Cover photo by Sue Francesco, DES



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Department of Environmental Services

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October 2013

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Table of Contents

From the Commissioner	iv
Mission Statement & 2011-2015 Strategic Goals	vi
Environmental Dashboard.....	1
FY2013: Year in Review.....	3
Summary of NHDES-Related 2012 Legislation.....	8
Organizational Charts.....	12
Receipts and Expenditures for FY2013.....	13
Disbursements to Cities and Towns.....	14
Personnel Data	14
Physical Plant and Property Appraisal.....	14



From the Commissioner

Welcome to the New Hampshire Department of Environmental Services' Annual Report to the Legislature for Fiscal Year 2013. This year, the department wrapped up its celebration of 25 years of service to the citizens of New Hampshire. The many activities highlighted in this year's report reflect the wide-spread depth and quality of our programs and our efforts to proficiently and expeditiously protect and restore public health and environmental quality in our state.

NHDES had many successes in fiscal year 2013. In July, the Mottolo Superfund Site in Raymond reached an important milestone. The project to extend the Town of Raymond's water main approximately 2 miles and connected 25 homes that had drinking water wells impacted or potentially impacted by contaminants from the Mottolo site was completed ahead of schedule and under budget.

In August, NHDES received new, high resolution topographic data covering approximately 900 square miles of New Hampshire's coast. These data show the elevation and shape of the landscape stripped of trees and buildings. The data collected by the U.S. Geological Survey are being used by the N.H. Geological Survey to improve the identification of areas vulnerable to flooding and erosion.

The autumn brought many educational successes for NHDES. In September, NHDES opened the new Londonderry Air Monitoring Station at Moose Hill School. The state-of-the-art facility was built using energy efficient siting, design and lighting and is considered NHDES's flagship air pollution monitoring station. It is the first to incorporate solar energy to power monitoring equipment. The station is part of a National Core multi-pollutant air monitoring network designed to provide data at lower detection limits, as well as enhanced forecasting and reporting of air quality conditions to the public.

New Underground Storage Tanks (UST) operator training regulations went into effect in August, requiring operators of N.H. regulated motor and fuel oil UST facilities to be certified. By October, 978 operators had been successfully trained and certified.

In December 2012, NHDES wrapped up its official 25th anniversary celebrations, which included issuing a series of opinion/editorials entitled "25 for 25" highlighting NHDES's accomplishments over the last 25 years, ranging in topics from "Responding to Climate Change" to "Keeping NH's Lakes Clean is worth it." Through NHDES's year-long celebration, 25 such pieces were published.

With the beginning of 2013 we also welcomed our new Governor, Maggie Hassan, on January 3. With a new Governor comes a new legislature and new ways of tackling challenges. Governor Hassan has significant familiarity with many of the issues that NHDES must address based on her prior service in the State Senate, during which she helped to ensure the State's participation in the Regional Greenhouse Gas Initiative (RGGI) and served as chairman of the commission that studied potential seacoast region approaches to long-term management of wastewater needs.

To celebrate Earth Day this year, NHDES unveiled our first New Hampshire Environmental Dashboard, which we have also included in this year's annual report. The dashboard helps New Hampshire citizens get a sense of the state's environmental well-being by providing a basic status report on a short list of key environmental indicators, which can be viewed individually or collectively based on the reader's interests. These indicators cover the spectrum of environmental topics including air pollution, coastal waters, contaminated property, drinking water, lakes, ponds, rivers and streams, waste management, water availability and wetlands.

One vital, proactive approach that we are bringing to our work is known as "continuous process improvement," which is a formal way of saying that we can always find ways to do things better. We have trained more than 20 percent of our staff in the philosophy and tools of "Lean," which has proven to be a very effective continuous process improvement method, and which has already helped us find ways to make permitting, enforcement and internal administrative processes more efficient and effective, thus saving our customers time and even money, and freeing up NHDES staff time to spend on other important projects that would otherwise be pushed into the future, or never accomplished.

The following pages only skim the surface of the many multifaceted, diverse and gratifying projects that the department undertakes in carrying out its daily mission. I hope that you find the 2013 Department of Environmental Services Annual Report informative, and I encourage you to visit our website at www.des.nh.gov to learn more about the department's many programs and initiatives. There are many good steps being taken and more to be taken together! I look forward to working strategically and collaboratively with all who will join us to ensure that New Hampshire remains the special place that it is for generations to come.

Thomas S. Burack
Commissioner

Mission & 2010-2015 Strategic Goals

MISSION

The mission of the Department of Environmental Services is to help sustain a high quality of life for all citizens by protecting and restoring the environment and public health in New Hampshire.

2010-2015 STRATEGIC GOALS

1. NHDES and its partners address climate change through effective mitigation and adaptation strategies and efforts to foster the transition to a clean energy economy.
2. NHDES and its partners effectively protect New Hampshire's natural resources and high quality of life as the state grows.
3. NHDES employs integrated pre-application, permitting, inspections, and enforcement approaches across all of its programs, and operates in a cooperative and integrated manner with its sister local, regional, state, and federal agencies.
4. New Hampshire's environment has improved, and NHDES regularly reports environmental results in an understandable and transparent manner.
5. Environmental compliance is high in New Hampshire, supported by education, partnerships, environmental stewardship, and enforcement.
6. NHDES provides high-quality customer service.
7. NHDES is one of the most desirable employers in state government.



Environmental Dashboard

April 2013

Trends in New Hampshire's Environment

What do the data tell us?

NHDES is often asked: "What's the state of New Hampshire's environment? Is it good? Is it bad? Getting better or worse?" As with many things, there are no simple answers.

However, as a way to answer these questions, NHDES developed the following table to provide a snapshot of trends for some key environmental issues important to the quality of life in New Hampshire. The "indicators" chosen are based upon specific scientific data that have been tracked over a period of time, thereby helping to identify any trends in that topic area.

The Environmental Dashboard is available on the NHDES website and visitors can click on an indicator, current condition or trend button to learn why it's important to New Hampshire's environment. The green circles indicate a positive condition or trend, the yellow triangles a cautionary condition or trend, and the red squares a negative condition or trend.

Topic	Indicator	Current Condition	Trend
Air Pollution	Ozone	Currently, 100% of the state is meeting the 2008 ozone National Ambient Air Quality Standard.	●
	Particulates	Currently, 100% of the state is meeting the 2006 fine particulate National Ambient Air Quality Standard.	●
Coastal Waters	Shellfish Harvesting	The percentage of acre-days available for harvesting shellfish is representative of the impact of pollution in the coastal areas of New Hampshire.	▲
	Eelgrass	Data indicate a long-term decline in eelgrass since 1996 that is not related to wasting disease. Due to variability, even recent gains of new eelgrass still indicate an overall declining trend.	■
	Nitrogen Concentrations	Between 1974 and 2011 data indicate a significant overall increasing trend for dissolved inorganic nitrogen (DIN) at Adams Point, which is of concern. When examining variability at other monitoring stations with shorter periods of data, no consistent patterns can be found. Recent data considered in the context of long-term data show no pattern or trend.	■
Contaminated Property	Sites Cleaned Up	As of 2012, 78% of the nearly 8,000 contaminated sites discovered since the 1980s have been cleaned up.	●

Topic	Indicator	Current Condition	Trend
Drinking Water	Groundwater Protection	As of 2012, 90 municipalities, or less than 40% of the state's municipalities, have adopted zoning ordinances to protect groundwater or aquifers from contamination.	
	Public Water Systems	85% percent of public community water systems currently meet all regulated health-based standards.	
	Private Wells	It is estimated that 20% of private drinking water wells exceed the federal safe level for arsenic; 55% exceed NHDES's recommended levels for radon.	
Lakes/Ponds & Rivers/Streams	Aquatic Life	Approximately 73% of rivers present ideal conditions for aquatic life.	
		Approximately 4% of lakes present ideal conditions for aquatic life.	
	Beach Advisories	DES issued 68 beach advisories in 2012; fewer advisories than in the three previous summers. On any day at any beach, the chance of an advisory being in effect is never more than 2.3%	
	Lake Water Clarity, Algal Growth & Nutrients	The clarity of our lake water has significantly deteriorated since 1985, on average by 1% per year. Lake nutrients levels have increased and algal growth has remained relatively unchanged.	
	Exotic Plant Infestations	There are currently 89 known exotic aquatic plant infestations in 69 lakes/ponds and 11 rivers statewide.	
Waste Management	Generation, Recycling & Disposal	Currently, 35% of NH solid waste is recycled or composted; 33% of it is sent to landfills; 27% is incinerated for energy recovery; and 5% is transported out-of-state.	
Water Availability	Stream Flows	During the 12 months of July 2011 to June 2012, stream flow conditions statewide exhibited extreme values, illustrating both the difficulty in forecasting rain events and the necessity of monitoring flows.	
Wetlands	Wetlands Loss & Mitigation	Over the past five years, current wetlands loss has averaged 72 acres per year; however, more than 25,000 acres have been protected through wetland mitigation and conservation since 1997.	

JULY

Jul 11: Remedy for Mottolo Superfund site comes in ahead of schedule and under budget

NHDES warns of expanding infestations of exotic plants

AUGUST

NHDES receives new data provides unprecedented view of state's landscape

Coastal adaptation workgroup recognized for significant contributions to community planning

FY2013: Year in Review

JULY

NHDES Warns of Expanding Infestations of Exotic Plants. NHDES documented two new infestations of variable milfoil, an exotic aquatic plant, within a week of each other. Both infestations were well-established when found and appeared to have been present for at least two to three years before being reported. The infestations were newly documented at Otter Lake in Greenfield and Naticook Lake in Merrimack. New Hampshire now has a total of 78 infested water bodies (67 lakes and ponds and 11 river systems).

NHDES Declared an Air Quality Day In Hillsborough and Rockingham Counties July 13 through July 14. NHDES issues alerts when air pollution concentrations are expected to reach or exceed unhealthy levels for sensitive individuals.

Remedy for Mottolo Superfund Site Comes In Ahead of Schedule and Under Budget. The Mottolo Pig Farm in Raymond was placed on the National Priorities List (Superfund) in 1987 after the EPA removed over 1,600 containers of chemical wastes that had been disposed of in an open pit. As a result of investigations, contaminated drinking water was found near the site in 2010. EPA and NHDES formally agreed to amend the original remediation plans, including the extension of the Town of Raymond's water system to the affected area.

AUGUST

NHDES Declared an Air Quality Day in Rockingham County August 3. NHDES issues alerts when air pollution concentrations are expected to reach or exceed unhealthy levels for sensitive individuals.

New Data Provides an Unprecedented View of State's Landscape: New high resolution topographic data covering approximately 900 square miles of New Hampshire's coast show the elevation and shape of the landscape stripped of trees and buildings. The U.S. Geological Survey collected data using an airborne, light detection and ranging system (LiDAR) mounted on a small airplane. These data are being used by the N.H. Geological Survey to improve the identification of areas vulnerable to flooding and erosion.

Costal Adaptation Workgroup Recognized For Its Significant Contributions to Community Planning by winning the Daniel Quinlan Award given by the Rockingham Planning Commission. The award is given in recognition to those who have made significant contributions to sound community and regional planning. The Workgroup consists of 19 organizations, agencies and communities working together in the coastal watershed to help communities have access to current scientific data, maps and planning tools to assist them in being prepared for increased flooding and coastal storm surge.

SEPTEMBER

Sep 21: NHDES Announces official opening of air monitoring station at Moose Hill School

OCTOBER

Volunteers help raise baby oysters for Great Bay Restoration Project

UST operator training program highly successful-nearly 1,000 certified

Diers, Landry Honored by Gulf of Maine Council

SEPTEMBER

September Cyanobacteria Warnings Issued. The issuance of cyanobacteria warnings for public beaches is becoming a common occurrence in New Hampshire each year. In this fiscal year NHDES issued five warnings at various lakes and ponds.

N.H. Pollution Prevention Program Celebrates Pollution Prevention (P2) Week 17-23. P2 Week is a nationally recognized event during which businesses, government, environmental groups and citizens can join forces for a common cause. The 2012 P2 Week theme was "Safer Chemicals for a Safer World." Pollution prevention is recognized as an effective tool for protecting the environment and the economy since it eliminates pollution at the source before it is generated.

NHDES Announces Official Opening of Air Monitoring Station at Moose Hill School, Londonderry. NHDES hosted a ribbon cutting and site tour of the Londonderry Air Monitoring Station. This state-of-the-art facility was built using energy efficient siting, design and lighting. The air monitoring station at the Moose Hill School in Londonderry is considered NHDES's flagship air pollution monitoring station and the first to incorporate solar energy to power monitoring equipment. This station is part of a National Core Multi-Pollutant Air Monitoring Network designed to provide data at lower detection limits, as well as enhanced forecasting and reporting of air quality conditions to the public. Collecting air pollution data is required by the Federal Clean Air Act. The state has been tracking air pollution through its network of air monitoring stations since the 1960s. NHDES and other organizations use air monitoring data to determine the status of New Hampshire's air pollution levels, predict air pollution episodes, enact protective measures and warnings, and protect public health and the natural environment.

OCTOBER

NHDES Hosted Workshop on Revisions to Air Permitting and Volatile Organic Compound Technology Rules. The Air Resources Division hosted a workshop on the revised air permitting regulations, Env-A 600, Statewide Permit System and Env-A 1200, Volatile Organic Compounds (VOC) Reasonably Available Control Technology (RACT).

Volunteers Help Raise Baby Oysters for Great Bay Restoration Project. For the past six years volunteers grew baby oysters to help restore the reefs in Great Bay. The Oyster Conservationist Project worked together with UNH and The Nature Conservancy to grow baby oysters, or spat, and to collect discarded shells from local restaurants to use as a growing medium for the spat. Oysters help clean water by filtering out pollutants. One oyster can filter as much as 20 gallons of water a day. Local residents participating in the Oyster Conservationist program have raised 40,000 oysters for restoration since the program started.

UST Operator Training Program Highly Successful-Nearly 1,000 Certified. On August 8, 2012 UST operator training regulations went into effect, requiring owners of New Hampshire regulated motor and fuel oil underground storage tank facilities to have certified Class A, B or C operators. These operators are required to go through training to certify their understanding of the existing UST regulations. NHDES continues to host one of the several approved training options available to potential operators on a monthly basis. 978 operators have been successfully trained as well as recertified.

NOVEMBER

NHDES's Commute Green Team logged the most trips and miles

Diers, Landry honored by Gulf of Maine Council.

Gov. John Lynch and Commissioner Tom Burack presented Gulf of Maine Council on the Marine Environment awards to Ted Diers and Steve Landry. The awards recognized the important contributions made by these individuals to the health of the Gulf of Maine, of which N.H.'s coastal watershed is an integral part.

PSNH Completes Cleanup of Legacy Manufactured Gas Plant Site in Keene. PSNH, NHDES and the City of Keene reached the finish line after a multi-year collaborative remediation effort in Keene. The final phase of remediation of the former Manufactured Gas Plant site was completed in October 2012. This project reflects what can be done when regulatory agencies and the regulated community work together in a combined effort to achieve common environmental goals.

NOVEMBER

NHDES Declares Air Quality Action Day. Air pollution concentrations reached unhealthy levels for sensitive individuals in populated valley areas in southwestern New Hampshire, especially in Keene, for the nights of Monday, November 19 and Tuesday, November 20 and ending during the late morning of Wednesday, November 21. NHDES forecasted concentrations of fine particle pollution to be unhealthy for sensitive individuals in these areas.

In November NHDES's **Commute Green Team** logged the most trips and miles from May 14 to October 5 for Commute Green N.H. Team NHDES commuted green for 26,908 miles and avoided 874 trips.

DECEMBER

Dec 11: NHDES reaches agreement with Liberty utilities on Gilford Cleanup Plan

DECEMBER

NHDES Reaches Agreement with Liberty Utilities On Lower Liberty Hill Road, Gilford Cleanup Plan. EnergyNorth Natural Gas, Inc. d/b/a Liberty Utilities (formerly National Grid) came to an agreement with NHDES for a cleanup plan for the Lower Liberty Hill Road site in Gilford. The selected cleanup plan consists of the excavation of soil containing coal tar that serves as a source of groundwater contamination, off-site treatment of impacted soils, and site restoration. In 2004, NHDES and EnergyNorth learned that a gravel pit located along the lower portion of Liberty Hill Road had been used to dispose of waste coal tar from the former Laconia manufactured gas plant in the 1950s. After several previous proposed cleanup plans were deemed unacceptable, EnergyNorth submitted a cleanup plan that meets the State's criteria for approval.

JANUARY

Jan 29: PSU and NHDES sign partnership agreement

JANUARY

January was riddled with air pollution as **NHDES called three different Air Quality Action days in the month.** January 7, 8 and 12 all entailed warnings for fine particle air pollution in mostly southwestern parts of the state. However, the report on January 8 through 9 spanned all of Cheshire, Hillsborough, Merrimack and Sullivan counties.

PSU and NHDES Sign a Partnership Agreement to continue a joint partnership in protecting the environment and raising awareness and understanding of environmental issues in the North Country and Lakes Region of New Hampshire. The partnership formalized a two-year work plan to continue joint projects designed to improve environmental protection, including an emphasis on building understanding and involvement among local communities and organizations in the North Country.

MARCH

Frisbie Memorial Hospital first in New Hampshire with Anti-Idling Technology.

MARCH

Frisbie Memorial Hospital First in New Hampshire With Anti-Idling Technology. The hospital, in Rochester, received a \$19,000 grant from NHDES to partially cover the purchase of two MediDock kiosks outside the emergency room. These kiosks are equipped with electrical outlets and heating/air conditioning connections to prevent long-haul truckers, in this case ambulances, from idling their engines and emitting dangerous diesel fumes for extended periods.

APRIL

Gravel and Concrete Company Agrees To \$700,000 Penalty In The Largest Illegal Wetlands Fill In NH History. The State entered into a settlement with Torrromeo Industries, Inc. to resolve Torrromeo's unpermitted filling of approximately 12.5 acres of wetlands and diversion of over a mile of perennial streams at its gravel mine and ready-mix concrete plant in Kingston, N.H., in what is believed to be the largest illegal wetlands fill in the State of New Hampshire to date. Under the agreement with the State, Torrromeo will pay a \$700,000 civil penalty, \$225,000 of which will be suspended on the condition that Torrromeo complete wetland restoration on the site.

NHDES and Fish & Game joined forces once again to cosponsor the ever-popular **Discover WILD New Hampshire Day** on April 8.

APRIL

Apr 4: Gravel and concrete company agreed to \$700,000 penalty in largest illegal wetlands fill in N.H. history

Apr 19: State Government Efforts to reduce energy recognized

NHDES Participates in National Prescription Drug Take-Back Day. NHDES partnered with other state agencies, the U.S. Drug Enforcement Administration, substance abuse and poison prevention organizations to promote proper storage and disposal of medicines in the home. 4,527.9 pounds (2.3 tons) of unwanted or expired medication were collected in New Hampshire during the September 29, 2012 event. Ongoing research has identified the presence of pharmaceuticals in low concentrations in water resources in some areas of the nation. These occurrences are suspected to have caused adverse impacts to aquatic life in certain water bodies.

NHDES unveils web-based Environmental Dashboard that provides a basic status report on a short list of key environmental indicators, which can be viewed individually or collectively based on the reader's interests, to help New Hampshire citizens get a sense of the state's environmental well-being.

State Government Efforts to Reduce Energy Recognized: At the Annual State Energy Conference the Governor's Excellence in Energy Efficiency Awards were presented to the Police Standards and Training Council, NHDES employee Jim Poisson, and the New Hampshire Veterans Cemetery. Presenting the awards were NHDES Commissioner, Tom Burack and Administrative Services Deputy Commissioner, Mike Connor. The conference is held annually for state agency energy coordinators and facility managers, as well as other state employees interested in reducing energy use and energy costs.

MAY

May 22: Unveiling of new interpretive sign documenting the history of the Buck Street Dams and island site

MAY

N.H. Drinking Water Festival and 4th Grade Water Science Fair Finals were sponsored by the N.H. Drinking Water Coalition. All 4th Grade Students from the Concord School District attended the festival. Winners of the 4th Grade Water Science Fair Finals were announced as part of the festival.

Unveiling of a New Interpretive Sign Documenting The History of The Buck Street Dams and Island Site, Allenstown/Pembroke. As owner of the dams on behalf of the State, NHDES removed the dams in 2011 to help alleviate upstream flooding during significant precipitation events. The interpretive sign helps to document the history of the dams in what was, at one time, an industrial center of the community.

NHDES Declared an Air Quality Day in Rockingham County Above 3000 Feet on May 31 to June 1. NHDES forecasted an unhealthy concentration of ground-level ozone (the main component of smog) for sensitive individuals in this region.

JUNE

Small Coastal Community Takes Great Steps Forward. Newfields is better prepared for extreme weather events thanks to a NHDES Coastal Program Grant. Since spring 2012, partners from the Coastal Adaptation Workgroup, led by the University of New Hampshire Cooperative Extension, have been working with Newfields residents to create an action plan to get the community ready for the impacts of extreme weather. Their action plan focuses on two key areas of adaptation: emergency preparedness and stormwater management.

JUNE

Newfields prepared for extreme weather events

Jun 27: N.H. beaches rated top in the nation by NRDC for second year in a row

Two Years Running: Two New Hampshire Beaches rated Top In The Nation by NRDC and Coastal Beaches Rated Second Cleanest Beaches in Nation again. Hampton Beach State Park and Wallis Sands Beach were ranked five star beaches in an annual report issued by the Natural Resources Defence Council, in which only the 200 most popular beaches nationally are ranked on a five star scale, and in which only 13 beaches received all five stars. Coastal Beaches in New Hampshire were also ranked the second cleanest in the nation.

Summary of NHDES-Related Legislation

Adopted in the 2013 New Hampshire Legislative Session

HB 2 [Chapter 144](#) **Section 100 Effective: 7/1/2013; Section 122 Effective: 9/26/2013**

Relative to state fees, funds, revenues, and expenditures

- Requires the Department of Environmental Services to discontinue the first in, first out delayed and deferred infrastructure project list for state aid grants for the biennium ending June 30, 2015 and identifies those infrastructure projects that are on the list and eligible for payments
- Limits the liability of landowners and commercial salt applicators who opt for certification and employ winter maintenance best practices

HB 111 [Chapter 17](#) **Effective Date: 7/15/2013**

Relative to the acquisition of property rights at Akers Pond dam in the town of Errol by the fish and game department and the acquisition of property rights at Northwood Lake dam in the town of Epsom and Hermit Lake dam in the town of Sanbornton by the department of environmental services

- Allows the Fish and Game Department to acquire an easement at the Akers Pond dam in Errol for the purpose of improving and controlling the water rights for the benefit of the state
- Allows the Department of Environmental Services to acquire easements at the Northwood Lake dam in the town of Epsom and the Hermit Lake dam in the town of Sanbornton for the purpose of improving and controlling the water rights for the benefit of the state

HB 184 [Chapter 37](#) **Effective Date: 7/1/2013**

Relative to the oil discharge cleanup fund

- Adds a motor oil discharge cleanup fund coverage limitation based on facility storage capacity
- Allows for the waiver of interest by the oil fund disbursement board for good cause
- This bill is a request of the oil fund disbursement board

HB 185 [Chapter 145](#) **Effective Date: 7/1/2013**

Relative to the fuel oil discharge cleanup fund

- Restored the fuel oil discharge cleanup fund fee to 1.25 cents per gallon
- This bill is a request of the oil fund disbursement board

HB 196 [Chapter 138](#) **Effective Date: 6/27/2013**

Relative to weight of commercial vehicles with idle reduction devices

- Increases the additional weight allowed a commercial vehicle that utilizes an auxiliary power or idle reduction technology unit

HB 295 [Chapter 250](#) **RSA 485-A:25 Effective: 8/23/2013; Remainder Effective: 1/1/2014**

Requiring criminal background checks for volunteers and employees at youth skill camps

- Requires youth skill camp operators to certify to the department of environmental services that their employees and volunteers have undergone a criminal background check
- Establishes a recreation camp and youth skill camp fund and increases the license fee for recreation camps

HB 306 [Chapter 236](#) **Effective Date: 1/1/2014**

Relative to New Hampshire's regional greenhouse gas initiative

- Generates \$1.6 billion in net economic benefit region-wide through the end of the decade
- Puts \$1.1 billion in electricity bill savings back into the pockets of consumers in the region over the next decade
- Creates 16,000 job-years in the region
- Keeps \$765 million in the local economy due to reduced fossil fuel demand

HB 393 [Chapter 42](#) **Effective Date: 1/1/2014**

Relative to effluent limitations with regard to nitrogen and phosphorus

- Limits the nitrogen and phosphorus content of fertilizers sold at retail and intended for use on turf

HB 416 [Chapter 43](#) **Effective Date: 8/3/2013**

Shortening the appeals process for a permitting decision under RSA 482-A, relative to fill and dredge in wetlands

- Removes the requirement to request reconsideration prior to filing an appeal with the Wetlands Council

HB 428 [Chapter 45](#) **Effective Date: 8/3/2013**

Relative to funds for dam maintenance, removal and improvement

- Allows all dam owners, excluding the state, to receive money from the dam maintenance, removal and improvement revolving loan fund

HB 507 [Chapter 151](#) **Effective Date: 7/1/2013**

Relative to the maximum permit application fee for certain municipal dredging projects

- This bill limits the maximum permit application fee for certain municipal dredging projects

HB 510 [Chapter 50](#) **Effective Date: 8/3/2013**

Relative to backflow prevention valves

- Requires the installation of a backflow device at every connection to a public water system under certain conditions
- Requires testing of such devices under certain conditions

HB 513 [Chapter 153](#) **Effective Date: 8/27/2013**

Relative to the shoreland protection act

- Modifies several provisions of the shoreland protection act relative to minimum shoreland protection standards

HB 517 [Chapter 52](#) **Effective Date: 8/3/2013**

Relative to the incidental combustion of untreated wood at certain municipal transfer stations

- Extends the exemption for incidental combustion of untreated wood from the ban on combusting the wood component of construction and demolition debris

HB 542 [Chapter 279](#) **Effective Date: 7/27/2013**

Relative to the renewable energy fund and regulation of telephone, Voice Over Internet Protocol, and IP-enabled service providers and relative to electric renewable portfolio standards

- Makes certain changes to renewable energy fund payments and clarifies state regulation of telephone, Voice over Internet Protocol (VoIP), and IP-enabled service providers
- Makes adjustments in the purchase percentage requirements and the alternative compliance payment amount and mechanism under the electric renewable portfolio standards law
- Establishes a renewable portfolio standards study committee

HB 588 [Chapter 241](#) **Section 8 Effective: 11/1/2013; Remainder Effective: 7/19/2013**

Extending the instream flow pilot program for 2 years and establishing a commission to study opportunities and options to improve the sustainability of the fish and game department

- Extends the date for completion of the instream flow pilot program for 2 years
- Extends the committee to study the impact of water withdrawals on instream flows
- Extends the commission to study water infrastructure sustainability funding for one year

HB 634 [Chapter 202](#) **Effective Date: 9/7/2013**

Relative to water resource management and protection plans in municipal master plans

- Permits a municipality to include in its master plan a local water resource management and protection plan

SB 44 [Chapter 222](#) **Effective Date: 1/1/2014**

Relative to the disposal of controlled drugs by law enforcement officers

- Amends the procedure for disposal of controlled drugs in the possession of a law enforcement officer
- Makes the Department of Justice responsible for adopting rules for the pharmaceutical drug take-back program

SB 64 [Chapter 91](#) **Effective Date: 8/19/2013**

Relative to public informational meetings on dams

- Changes the public notification requirements for the breaching of a dam or lowering of a water body

SB 74 [Chapter 8](#) **Effective Date: 7/6/2013**

Relative to an exemption for entities that furnish hot water through a district energy system

- Exempts any entity that manufactures, furnishes, or sells hot water through a district energy system from being a public utility

SB 99 [Chapter 134](#) **Effective Date: 6/26/2013**

Requiring a study of the site evaluation committee and process, and developing regulatory criteria for the siting of energy facilities

- Requires the Office of Energy and Planning to contract with an outside vendor for a study of the Site Evaluation Committee and its processes
- Requires the Site Evaluation Committee to adopt rules by January 1, 2015
- Funds the study and the rulemaking process from funding sources under the jurisdiction of the Public Utilities Commission

SB 123 [Chapter 269](#) **Effective Date: 7/24/2013**

Relative to the use of proceeds from the regional greenhouse gas initiative program

- Allocates certain proceeds from the regional greenhouse gas initiative (RGGI) program to municipal and local government energy efficiency projects
- Permits return of unused allowance sale proceeds to business and municipal customers who fund the system benefits charge

SB 124 [Chapter 270](#) **Sections 1, 5-6 Effective: 1/1/2015; Sections 2-4 Effective: 9/22-2013; Remainder Effective: 7/24/2013**

Establishing an integrated land development permit

- Authorizes the establishment of an integrated permitting process for applicants seeking one or more land development permits from the Department of Environmental Services

SB 131 [Chapter 96](#) **Effective Date: 8/19/2013**

Establishes a permitting process for the removal of submerged logs from certain great ponds

- Authorizes the governor and council to grant to the governing body of a municipality the right to remove submerged logs from the portion of the bed of any great pond that is located within the municipality's boundaries as delineated in the NH Granit database, Complex Systems Research Center, University of New Hampshire

SB 148 [Chapter 272](#) **Sections 5-6 Effective: 1/1/2014; Remainder Effective: 7/24/2013**

Relative to electric renewable portfolio standards and relative to group and individual health insurance market rules

- Makes adjustments in the purchase percentage requirements and the alternative compliance payment amount and mechanism under the electric renewable portfolio standards law
- Establishes a renewable portfolio standards study committee

SB 163 [Chapter 188](#) **Section 2 Effective: 12/1/2016; Remainder Effective: 7/2/2013**

Establishing a commission to recommend legislation to prepare for projected sea level rise and other coastal and coastal watershed hazards

- Directs the commission to recommend legislation, rules, and other actions to prepare for projected sea level rise and other coastal and coastal watershed hazards such as storms, increased river flooding, and storm water runoff, and the risks such hazards pose to municipalities and state assets in New Hampshire
- Directs the commission to review National Oceanic and Atmospheric Administration and other scientific agency projections of coastal storm inundation, and flood risk to determine the appropriate information, data, and property risks

SB 164 [Chapter 189](#) **Effective Date: 8/31/2013**

Authorizing coastal management provisions in master plans

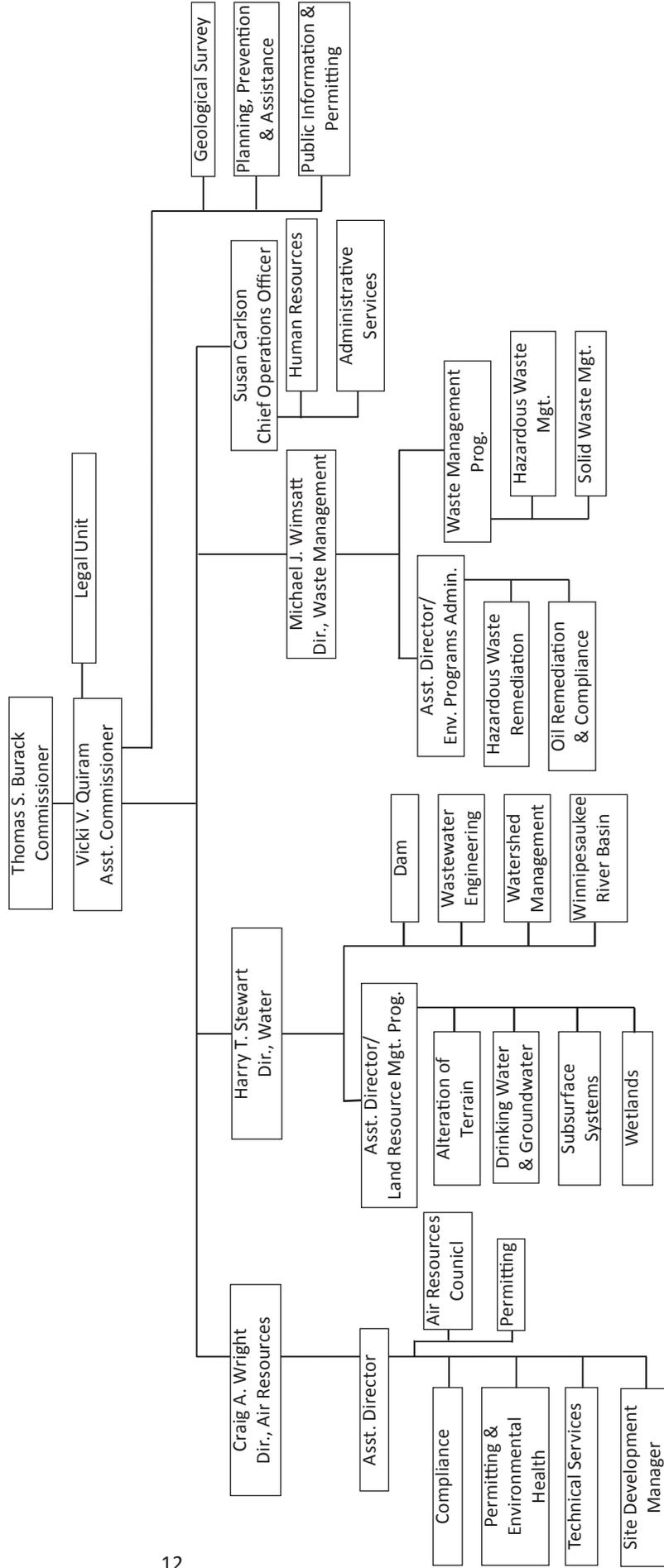
- Authorizes municipal master plans to address planning needs and property loss resulting from projected coastal risks due to increased frequency of storm surge, flooding, and inundation

SB 191 [Chapter 276](#) **Section 5 Effective: 12/31/2014; Remainder Effective: 7/24/2013**

Authorizing coastal management provisions in master plans

- Establishes a state energy council to develop a strategy plan

NH Department of Environmental Services
Organizational Chart
 6/30/2013



Receipts and Expenditures for Fiscal Year 2013

Income and General Fund Appropriations

Federal Income		\$42,373,838
State Revolving Fund Loan Repayments		43,411,346
Oil Fund Board Income		17,099,602
Fees and Registrations		17,720,587
Other Agency Income		3,580,695
Unrestricted Income		320,502
General Fund Appropriations		<u>13,983,048</u>
		<u>\$138,489,617</u>

Expenditures

Salaries and Benefits		\$37,422,145
Salaries	\$24,882,187	
Benefits	12,539,958	
State Revolving Fund Loans		33,706,317
Other Grants and Contracts		9,437,625
Oil Fund Board Disbursements		15,838,150
State Aid Grants		5,395,097
Disbursements to State Agencies		5,699,371
DoIT	2,376,450	
General Services	1,332,278	
Administrative Services	1,244,190	
Attorney General	390,628	
Other Agencies	355,105	
Current Expenses		2,995,110
Other Expenditures		1,552,207
Debt Service		1,081,748
Equipment		<u>1,025,245</u>
		<u>\$114,117,016</u>

Disbursements to Cities and Towns

State Revolving Fund Loans		\$33,706,317
Clean Water	\$26,328,832	
Drinking Water	7,221,886	
Brownfields	155,599	
State Aid Grants		5,359,097
Wastewater	3,327,666	
Drinking Water	1,131,618	
Landfills	899,813	
Other State Grants		1,773,872
Aquatic Weed Grants	408,127	
Household Hazardous Waste Grants	172,735	
Aquatic Resource Mitigation Grants	1,193,010	
Total		\$40,839,286

DES Personnel Data

Current Number of Authorized Positions	<u>FY 2012</u>	<u>FY 2013</u>
Unclassified	6	6
Classified	<u>471</u>	<u>471</u>
Total	477	477

DES Physical Plant & Property Appraisal

	<u>FY 2012</u>	<u>FY 2013</u>
Equipment	\$8,527,628	\$9,353,842
Motor Vehicles	4,023,438	3,196,067
Dams and Land	57,100,286	56,841,690
Buildings	<u>31,548,040</u>	<u>36,719,916</u>
Total	\$101,199,392	\$106,111,515

