

## Discussion Points

1. The State and its residents still continue to recover from the effects of the destruction and widespread damage caused by Superstorm Sandy in October 2012.

- **(a) Question: Please provide an update on the progress of the department's Superstorm Sandy related projects. What projects have been completed over the past year, are still in progress, and are planned but have not yet started? Please provide the total project cost, funding sources, and date or estimated date of completion.**

ANSWER: Please see Attachment #1 and Attachment #1 Part 2.

- **(b) Question: Please provide an update on the beach restoration and replenishment projects in the State. Please provide the total project cost, funding sources, and date or estimated date of completion.**

ANSWER:

The federal government and State of New Jersey are spending more than \$1 billion for a comprehensive coastal protection system.

To date, eight projects to restore pre-Sandy engineered beaches to their original design have been completed at 100% federal costs of \$345,000,000.

1. Raritan Bay and Sandy Hook Bay, completed October 2014
2. Sandy Hook at Barnegat Inlet, completed August 2014
3. Barnegat Inlet to Little Egg Harbor (previously engineered portions of LBI), completed October 2013
4. Brigantine Island, completed August 2013
5. Absecon Island (previously engineered portions), completed December 2014
6. Northern Ocean City, completed May 2013
7. Townsends Inlet to Cape May, completed September 2013
8. Cape May City, completed January 2014

Two new projects, where there was never an engineered beach, have also been completed.

1. Oakwood Beach in Elsinboro, Salem County
  - Total cost = \$12,207,000 at 65% federal/35% State cost
  - Completed January 2015
2. Port Monmouth section of Middletown,
  - Total cost = \$104,692,000 at 100% federal cost
  - Phase 1 Completed December 2014
  - Phase 2 (flood control portion) estimated construction April 2018- Jan. 2018

Six additional major new projects, where there was never an engineered beach, are underway or in the pipeline, including three beginning this month.

1. Sandy Hook to Barnegat Inlet Monmouth County
  - Total cost estimate = \$137,372,000 at 100% federal cost
 Contract 1: Loch Arbour, Allenhurst, southern portion of Deal
  - Estimated construction April 2015 -October 2015
 Contract 2: Northern portion of Deal and Elberon (portion of Long Branch)
  - Estimated construction September 2015 – August 2016

## Discussion Points (Cont'd)

2. Great Egg Harbor to Townsends Inlet (Ocean City/Sea Isle/Upper Township).
    - Total cost estimate = \$84,941,000 at 100% federal cost
    - Estimated construction April 2015 - November 2015
  3. Long Beach Island (Beach Haven, Long Beach Township, Ship Bottom, Surf City)
    - Total cost estimate = \$138,112,000 at 100% federal cost
    - Estimated construction April 2015 - April 2016
  4. Manasquan Inlet to Barnegat Inlet (Northern Ocean County)
    - Total cost estimate = \$167,146,000 at 65% federal/35% State cost
    - Estimated construction TBD
  5. Absecon Island (Margate, Longport, Ventnor)
    - Total cost estimate = \$73,639,000 at 100% federal cost
    - Estimated construction TBD
    - Absecon Inlet Seawall/Bulkhead (Atlantic City)
      - i. Estimated construction May 2015 – June 2016
  6. Union Beach
    - Total cost estimate = \$202,000,000 at 65% federal/35% State cost
    - Phase 1 estimated construction November 2016 – June 2017
    - Phases 2 – 5 Flood Control Project
      - i. Estimated construction June 2017 – June 2021
- ***(c) Question: Please provide an update on the progress of the department's Superstorm Sandy Blue Acres Buyout Program. Please provide an updated list of properties acquired, properties demolished, and land that is or will be permanently preserved as open space. Also, please provide the amount expended to date and projected to be spent, and the number of properties anticipated to be acquired through the end of the program.***

ANSWER: Expended to date \$76 million. Projected to be spent - \$224 million (\$300 million total). Department is still targeting over 1,000 properties for acquisition and 281 properties have been acquired to date. Below is a summary of the properties acquired by town for open space preservation and properties demolished by town. All properties acquired under the Sandy Blue Acres Buyout Program are preserved for open space.

## Discussion Points (Cont'd)

<b>Sandy Blue Acres - Land Buyout Program</b>		
<b>Closing Detail</b>		
<i>As of March 30, 2015</i>		
<b>Town</b>	<b># Properties Acquired</b>	<b>Amount Expended on Purchases</b>
Sayreville 129	92	\$ 19,412,528.76
Sayreville 9	6	\$ 1,630,716.73
Sayreville Island	34	\$ 7,312,191.79
Sayreville Alternate	2	\$ 400,400.79
South River	54	\$ 9,234,857.58
Woodbridge 89	53	\$ 12,423,299.39
East Brunswick	4	\$ 747,465.96
Woodbridge 98	35	\$ 8,299,053.87
Lawrence	1	\$ 116,626.88
<b>TOTAL CLOSINGS</b>	<b>281</b>	<b>\$ 59,577,141.75</b>

<b>Sandy Blue Acres - Land Buyout Program</b>	
<b>Demolition Details</b>	
<i>As of March 30, 2015</i>	
<b>FEDERAL GRANT CATEGORY</b>	<b>Total</b>
Sayreville 129	77
Sayreville 9	6
Sayreville Island	26
Sayreville Alternate	2
South River	36
Woodbridge 89	29
Woodbridge 98	5
<b>Grand Total</b>	<b>181</b>

- *(d) Question: Please provide an update on the amount of federal funds received by the department for the Superstorm Sandy Blue Acres Buyout Program. Is a State match required? If so, please provide the amount and source of funding for the State match.*

ANSWER: Refer to Attachment 1 which indicates the amount spent through March 2015 for the Superstorm Sandy Blue Acres Program. Reimbursements from FEMA for related Hazard Mitigation Grant Program (HMGP) spending is coordinated through the Office of Emergency Management in the Department of Law and Public Safety and not by the Department.

## Discussion Points (Cont'd)

Regarding the match requirement for the Sandy Blue Acres Buyout program, there's a required 25% match for the HMGP funding. This 25% match on the HMGP funding is being provided by the \$100 million in approved HUD Community Development Block Grant Disaster Recovery (CDBG-DR) funds for the Sandy Blue Acres Buyout Program. The CDBG-DR funding for buyouts does not have a match requirement.

- **(e) Question: Please provide an update on the efforts of the department and regional and local authorities to restore drinking and wastewater facilities in the State damaged by the storm.**

ANSWER: Restoration of drinking and wastewater facilities means maintaining service at pre-storm levels. It also means preparing for response to future emergency events. This includes managing and maintaining critical and vulnerable infrastructure components better than before.

- NJDEP: Role, Efforts, & Examples (projects funded/ under construction reflecting DEP's efforts):
  - NJDEP regulates the operation of drinking and waste water to meet statutory and regulatory requirements.
  - NJDEP's goals for protection of human health and the environment require maintenance of operations and compliance with our regulations.
  - To assure that our regulated water facilities can do that regularly as well as during and after emergency situations we have best management practices and developed "resiliency guidance" on:
    - Auxiliary Power, Flood Protection, Emergency Response Planning, and Asset Management; and
    - Pretreatment/ Significant Industrial User guidance, as well as an interactive web Sewage Sludge Management mapping tool
  - A few of the state's drinking water facilities have already produced Asset Management plans for their systems with varying levels of detail.
    - One system, which serves a population of 5,300 and average supply of 750,000 gpd, has submitted an asset management plan that includes history of the system, inventory of components, condition assessment, and replacement cost, but no prioritization schedule or budget.
    - Another, serving a population of 45,000 and 6.7million gpd submitted a plan to include a multi-year action plan and budget for priority improvements.
  - NJDEP through the NJ Environmental Infrastructure Financing Program offers low interest loans with principal forgiveness to support the facilities to not only meet their infrastructure needs, including enhancing their resiliency and preparedness.
  - In addition to our annual Base State Revolving Fund (SRF), we administer a specific Sandy appropriation (\$229M) that NJEIT is leveraging with \$90M tax-exempt bonds. The Sandy SRF program funds projects that repair water infrastructure damaged by the storm, reduce flood damage risk and vulnerability, and enhance resiliency to rapid hydrologic change or natural disaster. We set aside funds specific for asset management & auxiliary power.

## Discussion Points (Cont'd)

- In SFY2016, the Financing Program has received requests from and expects to finance 42 SANDY-related projects totaling approximately \$268 million.
- All of our approved SRF projects adhere to the resiliency guidance for the projects and system component being funded. And, the NJEIFP established resiliency requirements for all SRF projects requiring applicants to, in order of preference: Locate all infrastructure above the 500-year flood elevation, Elevate critical infrastructure above the 500-year flood elevation, Flood-proof structures and critical infrastructure, Flood-proof system components. Additionally, our permitting programs review projects for consistency with flood protection and auxiliary power guidance. Permittees are required to include Emergency Response Plans in their O&M Plan.
- Base FY15 SRF projects certified: \$112M (Clean Water) and \$6M (Drinking Water). NJDEP is working to get a baseline of facilities using the guidance outside of SRF funding requirement.
- Twenty-one (21) clean water projects have been certified for Sandy-SRF at \$125M. Six (6) drinking water projects have been certified at \$9.4M. These projects include auxiliary power, flood proofing and critical component relocation out of flood plain.
- NJDEP is using CDBG-DR funds to meet the State match requirement.
  - One of our largest drinking water facilities, Passaic Valley Water Commission (PVWC) which serves a population of 800,000 (2013) has applied for \$22M auxiliary power to maintain their operations during emergency situations.
- To assist the facilities awaiting federal funds for Sandy recovery, the State instituted an interim bridge loan program, the Statewide Assistance Infrastructure Loan program (SAIL), administered by NJEIT.
  - SAIL loans alleviate the up-front cash flow needs by providing necessary funds to facilitate the construction of infrastructure rebuild projects after a declared disaster.
    - Seven (7) critical infrastructure projects have requested or received financing through the SAIL Program at ~\$148 million;
    - Three projects are under contract: two for SMRSA at \$5.2M, and Kearny MUA at \$6M. A Bayshore Regional Sewerage Authority project for \$40M is undergoing Engineering Review.
- Additionally, NJDEP and NJEIT developed an electronic management system to aid in the environmental review required in processing SRF applications. It provides real-time data management capability for tracking, monitoring, storing and reporting. The process provides transparency, data integrity, accuracy, and timeliness, in many cases cutting weeks off of the previous manual processes.
- To-date, over 7,000 environmental reviews have been completed using the new system and an additional 2,000 are expected to be requested and completed in the near future.

## Discussion Points (Cont'd)

- NJDEP has been assisting our Sandy-affected facilities in navigating the recovery process through assistance with identifying federal funding and coordinating with coastal engineering and land use permitting programs.
  - Early efforts surveyed all drinking, waste and storm water utilities (impacts, repair needs and additional work needed, as well as mitigation & resiliency measures planned)
  - Provided assistance to municipalities on Coastal Lake needs (dredging, dam safety, engineering and stormwater infrastructure repair). Of the ten (10) Coastal Lakes recovery projects we were involved in, six (6) have completed needed repair or resiliency work.
- Additionally, the DEP and EDA are coordinating on the Energy Resiliency Bank (ERB) where monies are prioritized for critical drinking and waste water operations.
- Regional/ Local Authorities: Role, Efforts, & Examples
  - The regional and local authorities have a responsibility to minimize interruptions to service and to meet regulatory requirements for health and safety.
  - These authorities have been exploring all funding options to enhance recovery and resiliency projects
    - FEMA, insurance, and NJEIFP loans
  - Examples of water facilities restoration efforts that will improve efficiency, resiliency and reliability:
    - PVSC, state's largest wastewater treatment facility has appropriately \$1B in repair, recovery and resiliency needs. PVSC has projects planned for on-site primary power and multiple flood mitigation measures including a flood wall, critical component elevation, and sustained dewatering operations. They are utilizing FEMA 406 repair, 406 Hazard Mitigation funds, submitted nine projects to NJEIFP, and pursuing Energy Resiliency Bank funds.
    - The South Monmouth Regional Sewerage Authority (SMRSA) operates a sewage collection system that provides service to 55,257 residents. The Lake Como Pump Station sustained significant damage from Sandy that resulted in its inaccessibility and inoperability. NJEIFP funded the construction of a replacement pump station at an entirely new location to provide flood protection, improve resiliency and maintain operations during significant storm events.
    - The Bayshore Regional Sewerage Authority (BRSA) serves approximately 90,000 residents is pursuing financing for the repair of the damages to their plant caused by Sandy, mitigation measures to protect against service disruption during coastal storms, and updates to the incinerators at the plant.
    - The Middlesex County Utilities Authority's (MCUA) serves a population of 867,708. Their pumping station in Sayreville collects wastewater from approximately 80% of their service area and was impacted by Sandy. MCUA is restoring the pump

## Discussion Points (Cont'd)

station to pre-Sandy conditions and adding components of resiliency consistent with NJDEP's guidance. Flood protection will include the construction of a flood wall around the perimeter of the pump station and installation of standby generators to maintain operations during and emergency.

- ***(f) Question: Please provide an update on the amounts of federal and other funds received by the department during the past year relating to the recovery. What specific costs incurred by the department have been reimbursed by the federal government to date? When does the department expect to be fully reimbursed for these costs?***

ANSWER: Several programs administered by DEP are provided federal reimbursement through conduit sister State agencies. This includes all HUD, FEMA, and FHWA funded programs, for which federal reimbursement is handled through the conduit agencies of DCA, LPS, and DOT, respectively. The programs reimbursed directly to DEP include USDA, NOAA, EPA, and DOI/NFWF-funded programs. The amounts received for those programs thru March 15, 2015 are summarized on Attachment 2.

2. Last year the department was asked if it experienced any problems during its recovery efforts, and responded that it encountered obstacles in navigating the complexities of federal bureaucracies.

- ***Question: What were the specific obstacles encountered by the department? What impact did this have on recovery efforts? Have they been overcome? If not, why? Has the department encountered any new obstacles since then?***

ANSWER: The Department has had challenges in several disaster programs associated with working with two different federal programs that each have their own sets of requirements and regulations. However, the Department has invested the needed time and been successful in working with the federal agencies, overcoming these challenges, and running successful programs. Some specific examples of challenges follow:

- The Department has several Project Worksheets that have required numerous revisions, some that are still outstanding, that we are currently working with FEMA to finalize.
- The Blue Acres Buyout Program has had to develop a different set of procedures and rules to adhere to the requirements of the CDBG funding in comparison to the HMGP FEMA funding. This process has been successful through working with HUD to understand the different requirements.
- Coastal lakes – the Department has requested extensions through NRCS on required dredging timelines as a result of delays caused by fish spawning/migration.

**Discussion Points (Cont'd)**

3. The DEP needs to obtain several hundred more public and private property easements to enable construction of shore protection and flood mitigation projects involving beach widening and construction of engineered dunes along the New Jersey coast. These projects are designed to safeguard New Jersey residents and public and private properties against a future hurricane or other significant coastal storm.

- ***(a) Question: What progress has the department made so far? Please provide a breakdown of the number of easements acquired voluntarily and those acquired through litigation and the number of outstanding easements yet to be acquired.***

ANSWER:

<b>Total Number of Easements Needed</b>	<b>Outstanding Easements Still Needed</b>	<b>Easements Received Voluntarily</b>	<b>Easements Taken via DCA/Title XII</b>
4,279	320*	3,781	178

\*320 easement parcels = 182 property owners.

- ***(b) What has been the total cost so far and what is the projected total cost of acquiring all the easements?***

ANSWER: Approximately \$1.2m has been paid to date for survey work and special counsel services related to easement acquisition.

- ***(c) What specific funding sources are being utilized to fund the acquisitions and related litigation costs?***

ANSWER: The Shore Protection Fund is advancing funding for these costs pending reimbursement from the USACE and HUD through the CDBG-DR Action Plan Amendment #7 approved Flood Hazard Risk Reduction program.

- ***(d) Question: When will all the needed easements be secured? Have there been any delays or challenges? If so, what impact will this have on the State's efforts to move forward on shore protection? Are any local governments acquiring easements that they will be funding?***

ANSWER: The DEP expects to secure the needed easements associated with properties going through the Eminent Domain process by September of this year. Legal challenges could potentially delay this process. Several examples of recent challenges include the Minke, Carolan, Jenkinson's, and Margate cases. The DEP is currently working with several local governments to acquire easements at this time.

## Discussion Points (Cont'd)

4. The U.S. Army Corps of Engineers and the DEP are scheduled to begin construction of a \$128 million beach and dune project to protect Long Beach Island, which is one of seven major previously authorized coastal and flood projects Statewide, at a total of more than \$1 billion.

- **Question:** *Please provide a status update and description of the seven projects, along with the total estimated cost and scheduled completion date of each project.*

ANSWER: See answer for question 1(b), above.

5. As amended by the voters of the State on November 4, 2014, the State Constitution dedicates four percent of Corporation Business Tax revenues for open space, farmland and historic preservation, water programs, public and private site remediation, and underground storage tank programs for FY 2016 through FY 2019, and further increases this annual dedication to six percent commencing in FY 2020. Specifically with regard to open space, farmland, and historic preservation, for FY 2016 through FY 2019, of the four percent Corporation Business Tax dedication, the State Constitution dedicates annually 71 percent for open space, farmland, and historic preservation purposes.

The proposed budget allocates this portion of constitutionally dedicated funds, \$80.122 million, through three appropriations: Parks Management, \$19.972 million; Recreational Land Development and Conservation, \$13.931 million; and Open Space, Farmland and Historic Preservation, \$46.219 million. This budget also contains language (Budget page D-118) that would allocate 60.5 percent of the appropriation for Open Space, Farmland and Historic Preservation to the department and provides that the commissioner "shall establish, implement and oversee a program to provide funding, including loans or grants, for the preservation, including acquisition, development and stewardship, of lands for recreation and conservation purposes, including lands that protect water supplies and lands that have incurred flood or storm damage or are likely to do so, or that may buffer or protect other properties from flood or storm damage, subject to the approval of the Director of the Division of Budget and Accounting." This language thus would provide just under \$28 million for these uses.

- **(a) Question:** *Please provide the department's plans for the expenditure of this portion of constitutionally dedicated funds. How does the department anticipate implementing this budgetary language? What role, if any, does the department see the Garden State Preservation Trust having in the implementation of this funding? Will the department continue the State's existing program for the acquisition and development of lands for recreation and conservation purposes by the State, local government units, and nonprofit organizations? If not, what changes does the department envision? How does the department anticipate allocating the funding between the State, local government units, and nonprofit organizations? Please provide a breakdown of the department's anticipated use of this dedicated funding for acquisition, development, and stewardship of lands for recreation and conservation purposes.*

ANSWER: DEP will continue to follow the same process and procedures for this program that we do today. We will continue to invite applications from local governments and non-profits and will continue to work with willing sellers who wish to sell their land to the State. This has

## Discussion Points (Cont'd)

been a successful system since the inception of the program, regardless of the changing funding sources and/or amounts.

The Garden State Preservation Trust (GSPT) Act and the existing Green Acres regulations continue to direct the GSPT to review and approve our recommendations for funding.

All of our acquisition and park development activities will continue. As we have done since 1998, the funding made available to Green Acres will be divided up among the programs as follows: 50% for grants and loans to local government; 40% for direct State acquisitions and 10% for grants to non-profit organizations. All funds will be used for acquisition or development.

- ***(b) Question: Does department staff currently engage in stewardship activities on State-owned open space? If so, please provide a description of these activities and estimate of the staff time and cost spent on such activities. Please provide a description of activities that the department believes qualify as stewardship activities.***

ANSWER: All operations in, maintenance of, and improvements to the State parks, wildlife management areas, forests, state-owned historic sites, and other state-owned natural areas constitute stewardship of State-owned open space.

- ***(c) Question: Does the department envision a need to use any of this dedicated Corporation Business Tax funding in the coming fiscal year for Blue Acres purposes? If so, how much? How many employees in the DEP's Office of Green Acres are currently working, full-time or part-time, on Sandy-related buyouts of flood-damaged or flood-prone properties? What percentage of the office staff does this constitute? How will this re-allocation of staff time affect the ability of the office to perform its duties with respect to the implementation of the new Green Acres funding provided by the Corporation Business Tax dedication?***

ANSWER: In the past, when funds were not separately earmarked for Blue Acres buyouts, we accomplished Blue Acres buyouts within the State Acquisition allocation. While we are currently using Federal funding for Superstorm Sandy Blue Acres buyouts, we may need to use some State Acquisition Blue Acres funds to accomplish more buyouts. The amount cannot be determined until we know what need and opportunities may arise, such as future storms or the need to match additional FEMA awards.

The DEP continues to have the majority of its Green Acres staff working on Blue Acres Buyouts for Sandy recovery (61%). We also hired 28 full-time employees under a 2 year term contract, all of whom are working exclusively on Sandy buyouts and are funded by federal dollars.

Management will continue to prioritize those projects that are most active and in need of attention, including projects made possible with the CBT funding.

## Discussion Points (Cont'd)

- ***(d) Question: How does the department anticipate the change to the Corporation Business Tax dedication for environmental purposes to impact the department's water, public and private site remediation, and underground storage tank programs?***

ANSWER: As proposed in the Governor's FY 2016 Budget, administrative funding for the water and public site remediation programs will be funded in FY 2016 at a flat level through general fund appropriations.

If Governor Christie had not structured the budget in the way he had, specific impacts due to loss of funding in the following programs would have included:

**Watershed Management and Water Monitoring** – This area will receive approximately \$10.4 million less from the CBT than it received in FY 2015 (\$5.6 million in FY 2016; \$16.0 million in FY 2015). If Parks Management funding had not been shifted to CBT to allow general fund appropriations to shift to Water, the following activities would have been cut back or suspended:

- Monitoring water quality in the ocean, Barnegat Bay, and all of New Jersey's surface and groundwater;
- Monitoring and patrolling shellfish waters, required to maintain FDA approval for New Jersey's \$790 million shellfish industry;
- Monitoring stream flows to predict flooding, including in critical flood-prone areas like the Passaic and Raritan River Basins;
- Monitoring water supply in the State's aquifers to predict and prepare for drought.

**Publicly-Funded Site Remediation** – In Fiscal Year 2015, \$9.6 million was dedicated from the CBT to staffing the cleanup of polluted sites overseen by the DEP. This CBT funding dedication has been eliminated. If Parks Management funding had not been shifted to CBT, to allow general fund appropriations to shift to Site Remediation, DEP would have had to lay off over 100 full-time staff. As a result of the Governor's budget, DEP will be able to continue to respond to sites with Immediate Environmental Concerns, such as Fenimore Landfill, Kiddie Kollege, Ronson Metals, and Executive Daycare.

The Publicly-Funded Site Remediation Program will also receive a reduction in CBT funding of over \$14.6 million to fund site remediation projects overseen by the DEP. While this area is being reduced, because of the manner in which monies have been obligated, we don't anticipate there to be a direct impact in Fiscal Year 2016 for existing projects. However, This will require residual 1986 and 1996 bond funding be utilized to fully fund the Publicly Funded Site Remediation capital program beginning in FY 2017, and this could have an impact on our ability to respond to any new contaminated sites that may arise. Furthermore, the loss of this dedicated funding could affect our ability to provide the State match for federal dollars from the U.S. Environmental Protection Agency. In the end, New Jersey may lose federal funding as the USEPA will most likely designate new Superfund sites in states that can guarantee a match instead of New Jersey.

The reduction in UST-CBT funding is approximately \$1 million. This reduction will increase the review and funding timeframe for applications from the current five years.

## Discussion Points (Cont'd)

6. The State Constitution previously dedicated a portion of Corporation Business Tax revenue for the development of lands for recreation and conservation purposes. Funding from this dedication has been provided as a line-item appropriation to the department from FY 2007 until the present. The FY 2015 appropriations act included an appropriation "Recreational Land Development and Conservation – Constitutional Dedication" in the amount of \$16,008,000. This appropriation is to be continued in FY 2016 in the amount of \$13,931,000.

- **Question:** *Please provide a description of each project, including the location and amount, funded by this appropriation from FY 2007 through the conclusion of FY 2015. Will the use of this appropriation in FY 2016 differ significantly from uses in prior fiscal years, and if so, in what ways?*

ANSWER: For P&F/F&W capital projects completed from FY07 – FY11 – please visit the following website link: <http://www.nj.gov/dep/parksandforests/cbt/index.html>

Attached is a list of FY12-FY15 Projects. For FY16 – the uses of the capital funding will not change. DEP is in the process of prioritizing projects, equating to \$13.9m.

7. The State Constitution provides that the dedication of Corporation Business Tax revenue for the diesel retrofit program will end on June 30, 2015 (formerly December 31, 2015).

- **Question:** *Please provide an update on the current status of the diesel retrofit program. Does the department still expect to expend all remaining program funding by January 1, 2016? If not, what is the projected unexpended balance as of that date?*

ANSWER: The majority (97%) of retrofits have been completed for school buses, transit buses, private commercial buses and garbage trucks as prescribed by the law. Retrofitting for the final sector, publicly owned on-road and off-road equipment, is about 30% complete.

The Department will be able to provide an estimate of unexpended balance following completion of applications for the final sector.

8. Last year the courts approved a \$190 million settlement with Occidental Chemical Corp. for contamination of the Passaic River. In 2013, two other settlements were approved that provide the State with an additional \$165.4 million. Altogether, the State has recovered a total of \$355.4 million from the three Passaic River litigation settlements, over and above the cost of remediation.

**Discussion Points (Cont'd)**

- **Question:** *How much has the State actually received to date from each settlement? Please provide a schedule of the remaining balances to be paid to the State. Are some funds still in escrow? From the amounts received, how much went to the General Fund? What is the total amount from the settlements that will be deposited into the General Fund and other accounts? How much has gone toward paying attorney fees and other legal costs?*

ANSWER: In FY 2014, the amount received from the Repsol/YPF/Maxus Energy/Tierra Solutions settlement was \$130 million. The amount received from the \$35.4 million Third Party Consent Judgment settlement was \$31.1 million. These settlements were deposited as follows:

- \$17.4m – Hazardous Discharge Site Cleanup Fund (HDSCF) for natural resources restoration projects in Newark Bay.
- \$21.1m – HDSCF for cost recoveries
- \$12m – Spill Fund, to reimburse for legal fee advances (per budget language)
- \$110.6m – General Fund

The remaining Third Party payments (\$4.3 million) are in the process of being paid, and will be retained in the General Fund.

The amount received to date from the Occidental settlement is \$70 million, which was deposited in the General Fund. The remaining payments are scheduled as follows:

- \$60m – 4/15/15
- \$60m – 6/15/15

From the remaining payments, \$50 million will be deposited in the Hazardous Discharge Site Cleanup Fund for natural resource restoration projects in the Newark Bay Complex.

- **Question:** *What other environmental settlement funds has the department received in FY 2015 or anticipate receiving in the future? Please describe them in detail and how the settlement funds will be allocated or used.*

ANSWER: To date, for FY 2015, the Department has posted a net (after attorney’s fees) of \$57.4m in three Natural Resource Damage (NRD) settlements that were received for unspecified NRD damages. See specifics below. The balances represented below will go to the General State Fund.

Description	FY 2015		
	Settlements YTD	Attorney Fees	Balance
7 Eleven Payee for Upper Delaware WMA	\$ 60,000.00	-	\$ 60,000.00

**Discussion Points (Cont'd)**

GAF-ISP Payee for Chemical Corp- 4 <sup>th</sup> and 5 <sup>th</sup> Installment on previous settled case	\$ 1,000,999.00	-	\$ 1,000,999.00
MTBE	\$ 78,300,000.00	\$ 21,935,694.12	\$ 56,364,305.88
<b>Total</b>	<b>\$ 79,360,999.00</b>	<b>\$ 21,935,694.12</b>	<b>\$ 57,425,304.88</b>

9. The DEP is continuing to accept, review, and approve applications for the Petroleum Underground Storage Tank Remediation, Upgrade, and Closure Program to fund the removal or cleanup of regulated and unregulated underground storage tanks.

- **Question:** *Please provide an update on the status of the program and a breakdown of the number of applications that have been approved for funding, received funding, and have not yet been funded. What is the total amount funded to date? When will the Economic Development Authority be able to begin funding new applications? How much is needed to fully fund all approved applications? What is the cash balance in the Petroleum Underground Storage Tank Remediation, Upgrade, and Closure Fund? In light of the unfunded demand, why is there a cash balance in the fund?*

ANSWER:

- Pursuant to the Underground Storage Tank Finance Act, the NJDEP continues to accept applications as well as supplemental funding requests for financial assistance from regulated and unregulated entities.
- As of May 3, 2011 the UST Fund ceased accepting Non-Leaking applications due to the fact that such applications hold no current statutory priority in times of insufficient funding.
- The recently approved CBT constitutional amendment reduces the level of funding to the Fund in FY16, and further reduces the level of funding in FY20. This will increase the review and funding timeframe for new applications from the current five year timeframe.
  - Since inception of the Fund in 1997 to 2/28/15, 16,021 applications have been approved and closed totaling \$252 million in financial assistance
  - For FY2015, as of 2/28/15 the NJEDA has approved and closed 141 applications totaling \$4.9 Million.
  - As of 2/28/15 the NJDEP has 1,569 application totaling \$41 million pending review and approval. As of 2/28/15, the NJEDA has \$3.6 million dollars' worth of FY 2015 NJDEP award recommendations pending approval. As of 2/28/15 the NJEDA has approved 80 projects totaling \$2.2 million that have been approved but have not closed.

## Discussion Points (Cont'd)

- EDA is currently funding applications and continues to fund applications from the FY 2015 appropriation.
- To fully fund the pipeline of applications not yet approved by EDA, the DEP estimates a need for \$41m.
- As of 2/28/15, the cash balance is \$5.1 million. A cash balance exists in order to have funds available to reimburse approved projects as reimbursement requests come in.

10. According to program data in the proposed budget, the department has 2,734 filled positions for FY 2015 and projects a total of 2,813 filled positions in FY 2016, for a net gain of 79 positions. The DEP notes that the positions in some divisions reflect a shift in funding under the Corporation Business Tax.

- **Question:** *Please explain the need for this overall staff increase. What are the titles, salary levels, and specific job responsibilities for the additional positions? How will they be funded and where will they be placed within the department? Please explain the shifting of positions funded under the Corporation Business Tax and what effect this will have on the department's budget and operations. What specific areas will be affected in the department? Please provide a breakdown of the positions that will be funded by the Corporation Business Tax. Last year, the department responded that some positions were directly funded by the Corporation Business Tax, and some were funded via reimbursement. Please clarify and explain this.*

ANSWER:

Overall the proposed FY16 funded level for the Department is essentially flat at 2,813 full time positions. The FY15 program data displayed in the proposed budget is a snapshot at a point in time and does not include staff that are temporarily in out-of-pay status or positions that are in the process of being backfilled. There is not an overall staffing increase of full time positions in the FY 2016 budget for the Department.

The Governor's recommended budget for FY 2016 fully funds all the positions under the Corporate Business Tax (CBT) programs through a shifting of resources. All associated programs will remain staffed with essentially flat FTE and budget and operations will continue unimpeded. The total number of FTE funded through CBT in FY 2016 is 331 for Parks Management and the UST programs. Reference the Work Force Chart on page H-19 of the FY 2016 Governor's Budget. In addition, several programs support positions through reimbursements from CBT funding and these programs include Water Monitoring and Planning, Geological Survey, Forestry, Shellfish, and Endangered Species.

11. The budget indicates a FY 2015 supplemental appropriation in the amount of \$9 million for the special purpose appropriation "Hazardous Discharge Site Cleanup Fund – Responsible Party" (Budget page D-126). Remediation Management and Response appropriations are supported by the resources in the New Jersey Spill Compensation Fund, while the Hazardous Discharge Site Cleanup Fund – Responsible Party appropriation is funded from responsible party cost recoveries deposited into the Hazardous Discharge Site Cleanup Fund. Budget

## Discussion Points (Cont'd)

language also allows this appropriation to be augmented by Licensed Site Remediation Professionals fees.

- **Question:** *Please explain the need for this supplemental appropriation. Why are current resources insufficient to meet the department's needs? What will be the impact if this supplemental appropriation is not approved?*

ANSWER: The \$9 million supplemental appropriation is to support the administrative costs of the program, including fringe and indirect charges, that are not covered by resulting LSRP fee revenue and responsible party cost recoveries. Without the supplemental, the program would not have funding to fully cover its fringe and indirect charges for FY 2015.

12. The DEP has been designated the primary agency responsible for designing and implementing two projects under the federal Rebuild by Design (RBD) initiative which are funded by HUD Community Development Block Grant – Disaster Recovery (CDBG-DR) funds allocated through federal Hurricane Sandy supplemental legislation. The primary goal of this initiative is to promote resilience in various Sandy-affected areas and increase resilience to future disasters. The projects receiving funding are the “New Meadowlands” project (allocated \$150 million by HUD) and the Hudson River project, known as the “Resist, Delay, Store, Discharge” project (allocated \$230 million by HUD).

- **Question:** *Please describe the role of the DEP and its partners in implementing and completing these projects. What specific steps or phases will be used to implement the projects? What strategies and resources will be employed during implementation? What office in the department has overall responsibility for these projects? What progress has the department made so far and when are the projects scheduled for completion?*

ANSWER: As outlined in the draft Action Plan Amendment Number 12 for the third allocation of CDBG-DR funds, DEP is in charge of implementation of the two Rebuild by Design (RBD) projects. The Department of Community Affairs (DCA) will transfer Community Develop Block Grant-Disaster Recovery (CDBG-DR) funding for RBD projects to DEP under a Memorandum of Understanding.

Implementation of both RBD projects will follow the same general phases: feasibility analysis of the original project concept, design, construction and post-construction maintenance. For more details please view Section 3: Performance Schedule of the State's draft of Action Plan Amendment Number 12.

As further described in Action Plan Amendment Number 12, “DEP was chosen as the RBD managing state agency for a number of reasons. DEP has staff experienced in the planning, permitting, design and construction of flood risk reduction projects as well as other large construction projects including wetland enhancement, landfill closure, park development, site remediation, etc.” The DEP will use its full complement of resources including both in-house experts as well as consultants, which will be secured through existing state contracts or through the RFP process.

## Discussion Points (Cont'd)

Within DEP, responsibility for these projects is with the Office of Flood Hazard Risk Reduction Measures (FHRRM).

DEP is working closely with the municipalities to develop the framework for implementation of these large-scale and complex projects. In calendar year 2015, in working with Treasury and through existing State contracts, DEP will bring on a Project Manager to oversee the projects from start to finish keeping the projects on schedule and within the budget. In addition, contractors will be secured for feasibility analysis of both projects. This step is critical to reconcile the scope and cost of the projects of what the project designers envisioned through HUD's competition and the grant amounts ultimately awarded by HUD. DEP anticipates that given the size and complexity of these projects they will be completed by 2022, with the potential for completion of components of the projects before this date. This timeline will be further refined once the feasibility analysis is completed.

For more information on Action Plan Amendment Number 12, please visit: [http://www.renewjerseystronger.org/wp-content/uploads/2014/12/APA-12-English-RBD-Amendment\\_FINAL.pdf](http://www.renewjerseystronger.org/wp-content/uploads/2014/12/APA-12-English-RBD-Amendment_FINAL.pdf)

- **Question:** *Has the department submitted, or does it plan to submit, other projects for funding under the National Disaster Resilience Competition that is funded through the CDBG-DR program? If so, please describe them.*

ANSWER: Housing and Urban Development's (HUD) National Disaster Resilience Competition (NDRC) is a two-phased design competition funded through CDBG-DR funds in order to help communities recover from prior disasters and better withstand future disasters.

The DEP submitted a Phase 1 application by HUD's deadline of March 27. New Jersey's target geographical areas are the nine counties designated by HUD as most impacted and distressed as a result of Superstorm Sandy. The application specifically discusses the recovery needs, relevant risks and related community development opportunities in the estuarine communities within these nine counties (Atlantic, Bergen, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean and Union). The proposed concept is to create resiliency in these communities through the development of an adaptable resiliency pilot project(s) that can be shaped to meet local needs, conditions and preferences in estuarine communities that face considerable flood risk.

If selected by HUD, DEP will be invited into Phase 2. In the implementation phase the highest scoring applicants will be invited to fully articulate a resilience-enhancing disaster recovery revitalization project or program. DEP's proposed resiliency concept of creating resilient estuarine communities is through lessons learned from a pilot project(s). DEP's phase 2 application will be specific to a pilot project site(s) within the nine counties. The lessons learned from a pilot project(s) will be used to create a toolkit that will enable other estuarine communities to implement resiliency measures.

Phase 1 winners are anticipated to be announced in June 2015. The deadline for Phase 2 applications is October 2015. Phase 2 winners are anticipated to be announced and funds awarded in December 2015.

## Discussion Points (Cont'd)

13. The State holds the natural resources of New Jersey in trust for the benefit of its citizens. The department's stated goal in implementing the State's natural resource restoration program is to redress the injuries resulting from hazardous discharges to natural resources and the ecological and economic services they provide, through the restoration of those natural resources and the compensation of the economic and ecological losses for the citizens of New Jersey. Statutory and common law provide the department with the authority to investigate and require the restoration of injured natural resources.

- **Question:** *Please provide a list of all unsettled or unresolved environmental contamination cases or administrative actions in which the State has asserted in court hearings, arguments, or documents, or in administrative hearings, public records, or public documents, a claim for natural resource damages (NRD) and natural resource restoration costs (NRRC). For each such case or other action, please provide the names of the parties, the amounts in NRD and NRRC asserted by the State, the county and municipality in which the contamination at issue occurred, and, if applicable, the name of the contaminated facility or property.*

ANSWER: The following list contains court-filed actions containing natural resource damage claims. Please note that no damage figures are provided below as they have yet to be submitted to the courts.

Name	County	Municipality	Defendants
Exxon Bayway Refinery	Union County	Linden	Exxon Mobil
Exxon Bayonne Terminal	Hudson	Bayonne	Exxon Mobil
Exxon – ST Services site	Gloucester	Paulsboro	Exxon Mobil (Partial settlement with original Defendants: Kinder Morgan Liquids Terminal LLC, Plains Products Terminals LLC, GATX Corp, NuStar Pipeline Operating Partnership)
MTBE litigation	Statewide	Statewide	Multiple oil company defendants
Hercules	Middlesex	Sayreville	Hercules Inc (1313 No.

## Discussion Points (Cont'd)

		Borough	Market Street, Wilmington, Delaware); John Does 1-10
Malouf Ford	Middlesex	North Brunswick	Malouf Ford Inc. (No. Brunswick); Paul J. Sansone, Sr. (Rumson, New Jersey); Sansone Auto Network; ABC Corporations 2-20
Omega Drive Groundwater Contamination Area (Baldwin Well Drilling)	Sussex	Vernon	Bob Baldwin's Transportation Inc. (Vernon Tp, NJ); Chevron Texaco Petroleum Company (San Ramon, California); Peet Blocker Inc. (Hawthorne, NJ); Robert E. Baldwin (Vernon, NJ)
Penetone Corporation	Bergen	Tenafly	Penetone Corporation (Carlstadt, NJ); ABC Corporations 1-10
<b>Name</b>	<b>County</b>	<b>Municipality</b>	<b>Defendants</b>
Pine Lake Park (Thomas Nicol Property)	Ocean	Manchester	Robert E. Johnson LP (Toms River, NJ); South Brunswick Asphalt LP (Bayville, NJ); Thomas Nicol Asphalt Co (Neptune, NJ); Thomas Nichol Company Inc (Manchester Tp, NJ)
Sayreville Landfill III Superfund Site	Middlesex	Sayreville	Novartis Corp., Curtiss-Wright Corp, Ketcham and McDougall Inc, Pfizer Inc, Occidental Chemical Corp, Beazer East Inc, Veolia ES Solid Waste of NJ Inc, CWM Chemical Services LLC, Chemical Waste Management Inc, Honeywell International Inc.

ATTACHMENT 1

NJDEP Hurricane Sandy Disaster Funding

Funding- Program	Est. Funding	Expended thru 3/15/15	Status	Project Period
USDA - Emergency Watershed Prot (EWP) Twilight Lake	\$ 897,000	\$ 897,000	Complete	12/10/13 to 03/01/15
USDA - Emergency Watershed Prot (EWP) Deal Lake	\$ 975,000	\$ 19,982	In Progress	05/02/14 to 07/30/15
USDA - Blue Acres-Lawrence Twsp	\$ 207,420	\$ 52,654	In Progress	08/06/14 to 09/30/16
<b>Total USDA</b>	<b>\$ 2,079,420</b>	<b>\$ 969,636</b>	0	\$ -
	\$ -	\$ -	0	\$ -
NOAA - Resilient Communities	\$ 425,221	\$ 84,456	In Progress	06/01/14 to 05/31/16
NOAA - Fisheries Disaster Assistance	\$ 2,352,643	\$ 138,328	In Progress	07/01/14 to 06/30/16
NOAA - Fisheries Disaster Assistance	\$ 1,548,080	\$ -	0	\$ -
NOAA - Sandy Marine Debris Assessmt. & Removal	\$ 454,500	\$ 454,500	Complete	05/01/14 to 11/30/14
<b>Total NOAA</b>	<b>\$ 4,780,444</b>	<b>\$ 677,284</b>	0	\$ -
	\$ -	\$ -	0	\$ -
EPA - State Revolving Funds (CWSRF)	\$ 191,136,855	\$ 0	Awarded	07/01/14 to 06/30/21
EPA - State Revolving Funds (DWSRF)	\$ 38,189,086	\$ 0	Awarded	07/01/14 to 06/30/21
EPA - Leaking Underground Storage Tanks (LUST)	\$ 2,375,000	\$ 70,277	In Progress	09/01/13 to 08/31/17
<b>Total EPA</b>	<b>\$ 231,700,941</b>	<b>\$ 70,277</b>	0	\$ -
	\$ -	\$ -	0	\$ -
HUD - (CDBG)-Env/Hist (1 & 2) includes EDA & HMF	\$ 10,000,000	\$ 5,095,317	In Progress	01/13/13 to 06/15/16
HUD - (CDBG)-Blue Acres Buyout (2)	\$ 100,000,000	\$ 108,064	In Progress	07/31/14 to 07/30/16
HUD - (CDBG)-CWSRF Match (2)	\$ 38,227,371	\$ -	In Progress	07/01/14 to 06/30/21
HUD - (CDBG)-DWSRF Match (2)	\$ 7,637,817	\$ -	Awarded	07/01/14 to 06/30/21
HUD - (CDBG)-Flood Control Haz Risk Reduction (2)- Easements	\$ 50,000,000	\$ 528,689	In Progress	07/31/14 to 07/30/16
HUD - (CDBG)-Flood Control Haz Risk Reduction (2)- Resiliency / Local Projects	\$ 50,000,000	\$ -	In Progress	07/31/14 to 07/30/16
HUD - (CDBG)-County Mosquito Control Grants (1 & 2)	\$ 1,550,000	\$ 77,187	In Progress	01/13/13 to 06/15/16
HUD - (CDBG) -10% Public Assistance Match (1)	\$ 15,530,315	\$ 13,983,086	In Progress	
HUD - (CDBG) -Non FEMA match	TBD	\$ -		
HUD - (CDBG)- Rt 35 Match (2)	\$ 4,767,400	\$ 4,385,490	In Progress	\$ -
HUD - (CDBG)- Mitigation Bank	\$ 825,000	\$ -	Awarded	\$ -
HUD (CDBG) "Rebuild by Design-Hoboken"	\$ 230,000,000	\$ -	Awarded	\$ -
HUD (CDBG) "Rebuild by Design-Meadowlands"	\$ 150,000,000	\$ -	Awarded	\$ -
HUD - (CDBG)- National Disaster Resilience (NDRC)	TBD	\$ -	Applied	\$ -
<b>Total HUD</b>	<b>\$ 658,537,903</b>	<b>\$ 24,177,832</b>		\$ -
	\$ -	\$ -		\$ -
<b>Labor - National Emergency Grant (NEG)</b>	<b>\$ 1,281,082</b>	<b>\$ 1,052,897</b>	Complete	01/08/13 to 12/31/14
	\$ -	\$ -	0	\$ -
Interior - NFWF Coastal Resiliency Grants			0	\$ -
Building Ecological Solutions to Coastal Community Hazards	\$ 3,440,000	\$ -	Awarded	03/15/15 to 03/15/17
Reusing Dredge Material to Restore Salt Marshes & Protect Communities (1)	\$ 3,358,000	\$ 18,382	In Progress	08/06/14 to 08/06/16
Reusing Dredge Material to Restore Salt Marshes & Protect Communities (2)	\$ 62,000	\$ -	0	\$ -
Enhancing Liberty State Park's Marshes & Upland Habitats	\$ 250,000	\$ -	Awarded	02/01/15 to 02/01/17
	\$ -	\$ -		
Interior - Minerals Mgt. Service - Geological Survey	\$ 400,000	\$ 99,527	Awarded	05/05/14 to 04/30/16
Interior - National Park Service (NPS) Historic Preservation	\$ 13,144,042	\$ 463,884	Awarded	10/28/12 to 09/30/17
<b>Total Interior</b>	<b>\$ 20,654,042</b>	<b>\$ 581,793</b>	0	\$ -
	\$ -	\$ -		\$ -
<b>FHWA/NJDOT - Rt. 35 Sheet Pile Wall</b>	<b>\$ 19,069,600</b>	<b>\$ 17,089,269</b>	In Progress	01/31/14 to 12/31/16
	\$ -	\$ -	0	\$ -
<b>Non FEMA Sub-Total</b>	<b>\$ 938,103,432</b>	<b>\$ 44,618,989</b>		
	\$ -	\$ -	0	\$ -
<b>FEMA Public Assistance (90%)</b>	<b>\$ 139,772,833</b>	<b>\$ 125,847,773</b>	0	see attached for details on PW status
<b>CAT A</b>	\$ -	\$ -	0	\$ -
-Wet Debris	\$ 113,580,000	\$ 113,102,143		\$ -
-DOT Channels	\$ 6,969,917	\$ 6,969,917	0	\$ -
-Other PW42	\$ 2,371,500	\$ 1,304,564	0	\$ -
-Other PW5187 Sayreville 404 Acquisition	\$ 315,900	\$ -		\$ -
<b>CAT B</b>	\$ 3,011,358	\$ 3,011,358	0	\$ -
<b>CAT C-G</b>	\$ 13,524,158	\$ 1,459,791	0	\$ -
<b>Total FEMA PA</b>	<b>\$ 139,772,833</b>	<b>\$ 125,847,773</b>		
	\$ -	\$ -	0	\$ -
<b>FEMA HMGP (100%)</b>	\$ -	\$ -	0	\$ -
** FEMA HMGP - Blue Acres Sayreville	\$ 48,440,196	\$ 31,305,640	In Progress	06/01/13 - 08/20/15
** FEMA HMGP - Blue Acres South River	\$ 15,226,224	\$ 10,367,895	In Progress	07/30/13 - 07/31/15
** FEMA HMGP - Blue Acres Woodbridge	\$ 54,200,636	\$ 21,755,294	In Progress	05/30/14 - 05/30/17
** FEMA HMGP - Blue Acres Advance Assitance	\$ 5,000,000	\$ 2,281,193	In Progress	08/25/14 - 08/25/15
** FEMA HMGP - Blue Acres Lawrence	\$ 2,113,414	\$ 137,719	In Progress	08/15/14 - 08/15/17
** FEMA HMGP - Blue Acres Pompton Lakes	\$ 7,216,510	\$ 15,249	In Progress	11/22/14 - 11/22/17
** FEMA HMGP - Blue Acres Manville	\$ 30,913,700	\$ 74,558	In Progress	11/12/14 - 11/12/17
<b>HMGP Blue Acres Subtotal</b>	<b>\$ 163,110,680</b>	<b>\$ 65,937,548</b>		
** Spending is reflected through March 15, 2015 only				
<b>FEMA HMGP - Elevations</b>	<b>\$ 40,000,000</b>	<b>\$ 5,535,000</b>	In Progress	Various
	\$ -	\$ -		\$ -
<b>FEMA Sub-Total</b>	<b>\$ 342,883,513</b>	<b>\$ 197,320,321</b>		\$ -
<b>TOTAL</b>	<b>\$ 1,280,986,945</b>	<b>\$ 241,939,310</b>		\$ -

**ATTACHMENT 2**

<b>Sandy Programs - Federal Funding Draws by DEP</b>	<b>Amount Reimbursed 3/15/15</b>
USDA - Emergency Watershed Prot (EWP) Twilight Lake	0
USDA - Emergency Watershed Prot (EWP) Deal Lake	0
USDA - Blue Acres-Lawrence Twsp	0
<b>Total USDA</b>	<b>0</b>
NOAA - Resilient Communities	84,456
NOAA - Fisheries Disaster Assistance	138,328
NOAA - Fisheries Disaster Assistance	454,500
NOAA - Sandy Marine Debris Assessmt. & Removal	454,500
<b>Total NOAA</b>	<b>677,284</b>
EPA - State Revolving Funds (CWSRF)	0
EPA - State Revolving Funds (DWSRF)	0
EPA - Leaking Underground Storage Tanks (LUST)	70,277
<b>Total EPA</b>	<b>70,277</b>
Interior - NFWF Coastal Resiliency Grants	
Building Ecological Solutions to Coastal Community Hazards	0
Reusing Dredge Material to Restore Salt Marshes & Protect Comm	0
Reusing Dredge Material to Restore Salt Marshes & Protect Comm	0
Enhancing Liberty State Park's Marshes & Upland Habitats	0
Interior - Minerals Mgt. Service - Geological Survey	99,527
Interior - National Park Service (NPS) Historic Preservation	340,999
<b>Total Interior</b>	<b>440,526</b>
<b>TOTAL</b>	<b>\$ 1,188,087</b>

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Allaire</b>	
Energy Conservation Implementation	\$ 86,427.00
Nature Center repairs	\$ 68,161.00
Emergency road repairs	\$ 11,615.00
Mansion Roof replacement	\$ 48,090.00
Chapel fire alarm system repair	\$ 7,800.00
<b>Allamuchy Mountain</b>	
Patas residence asbestos abatement	\$ 9,595.00
Old machine shop asbestos abatement & demolition	\$ 26,565.00
Tishak residence asbestos abatement	\$ 9,595.00
<b>Bass River</b>	
Maintenance emergency boiler replacement	\$ 8,211.00
Helander House demolition	\$ 31,595.00
Road improvements	\$ 17,063.00
Cabin electrical improvements	\$ 12,853.00
<b>Belleplain</b>	
Roadway guiderail installation	\$ 132,011.00
Utility analysis	\$ 14,746.00
Energy Conservation Implementation	\$ 12,000.00
Lake Nummy Dam repairs	\$ 1,053,175.00
Southern Pine Beetle Suppression	\$ 46,900.00
Cabin Chimney repairs	\$ 16,900.00
Route 547 Residence demolition	\$ 47,080.00
<b>BTB</b>	
Campground Shower facility repairs	\$ 14,200.00
Office indoor air quality remediation	\$ 26,304.00
Emergency communications system upgrade	\$ 14,185.00
Road improvements	\$ 74,178.00
DR. Still House asbestos abatement	\$ 60,031.00
Bridge repairs	\$ 18,000.00
Maintenance garage door replacement	\$ 9,200.00
<b>Cheesequake</b>	
Office Boiler repairs	\$ 30,905.00
Shop Boiler replacement	\$ 10,782.00
Mettlar House roof replacement	\$ 36,830.00
Sewage ejector pit repairs	\$ 3,496.00
Boardwalk trail restoration	\$ 7,700.00
Hazardous tree removal	\$ 10,000.00
<b>Corson's Inlet</b>	
Dock replacement	\$ 39,125.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>D &amp; R Canal</b>	
Kingwood residence demolition	\$ 18,756.00
Griggstown facilities septic system analysis	\$ 10,572.00
Fertonato House assesment	\$ 5,270.00
Sherman House assesment	\$ 21,760.00
Griggstown wellhouse reconstruction	\$ 12,845.00
DeMott Lane bridge replacement	\$ 55,381.00
Culvert Repairs	\$ 41,900.00
Bulls Island Stormwater analysis	\$ 14,980.00
Calhoun Canal House proch repairs	\$ 6,150.00
Port Mercer Canal House interior repairs	\$ 64,500.00
Bulls Island tree assesment	\$ 50,570.00
Bulls Island Fence installation	\$ 5,368.00
Hazardous tree removal	\$ 28,107.00
Rt 1 Maintenace garage asbestos abatement & demolition	\$ 10,620.00
<b>Double Trouble</b>	
Emergency road repairs	\$ 13,000.00
Pickers Cottage demolition	\$ 38,895.00
Foreman's House roof replacement	\$ 15,000.00
<b>Drumthwacket</b>	
Shutter repairs	\$ 11,690.00
Ceiling repairs	\$ 60,960.00
ADA improvements	\$ 440,001.00
HVAC improvements	\$ 1,402,335.00
Hazardous tree stabilization/removal	\$ 38,444.00
Wondow repairs	\$ 5,575.00
Emergency generator installation	\$ 105,975.00
<b>Edison</b>	
Tower Restoration	\$ 3,483,523.00
<b>Forest Fire, Aeroflex</b>	
Boiler replacement	\$ 32,850.00
Hanger roof replacements	\$ 182,121.00
<b>Forest Fire, Coyle</b>	
Shop overhead door replacements	\$ 20,110.00
Energy Conservation Implementation	\$ 15,160.00
<b>Forest Fire Service, Division A</b>	
Heater repairs	\$ 10,512.00
Fueling station repairs	\$ 12,210.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Forest Fire Service, Division B</b>	
Fueling station repairs	\$ 28,571.00
<b>Forest Fire, Division C</b>	
Lift repairs	\$ 3,068.00
Paint Booth Sprinkler sysem installation	\$ 14,975.00
Shop Heater repairs	\$ 5,050.00
Fueling station repairs	\$ 14,416.00
Alarm system installation	\$ 22,996.00
Office/maintenance facilities door replacements	\$ 28,210.00
<b>Forest Fire Towers</b>	
Apple Pie electrical improvements	\$ 7,800.00
<b>FREC</b>	
UST removal	\$ 11,220.00
Battersbay Garage demolition	\$ 14,730.00
Dan Connor Blvd residence demolition	\$ 30,340.00
Veterans Hgwy residence demolition	\$ 35,000.00
<b>Forked River</b>	
Sanitary Facility roof repair	\$ 56,340.00
Bulkead repairs	\$ 297,449.00
Dock electrical service upgrade	\$ 15,101.00
<b>Ft. Mott</b>	
Imboundment repair	\$ 49,940.00
Peace Magazine Railing Replacement	\$ 31,806.00
Road repairs	\$ 32,160.00
Battery's concrete restoration	\$ 3,635,254.00
Seawall repairs	\$ 73,690.00
Pier repairs	\$ 58,161.00
<b>Grover Cleveland</b>	
Emergency sewer repairs	\$ 12,028.00
<b>Hancock House</b>	
Roof replacement	\$ 59,390.00
Swedish Cabin structural & plank anaylsis	\$ 24,780.00
Alarm system upgrade	\$ 10,927.00
<b>Hacklebarney</b>	
Apgar residence asbestos abatement	\$ 14,730.00
<b>Hermitage</b>	

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
Interior renovations	\$ 145,143.00
<b>High Point</b>	
Energy Conservation Implementation	\$ 21,300.00
Cabin electrical service repair	\$ 6,280.00
Aerial communications cable replacement	\$ 35,793.00
Road improvements	\$ 42,628.00
Kusscroft Farm electrical upgrade	\$ 8,470.00
<b>Hopatcong</b>	
Old Garage demolition	\$ 21,470.00
Hillside Sanitary facility demolition	\$ 19,145.00
Dam repairs	\$ 14,180.00
Fuel spill remediation	\$ 10,760.00
Jefferson Lake Dam repairs	\$ 43,154.00
Cranberry Lake Dam drainage improvements	\$ 14,560.00
New Pole barn	\$ 532,885.00
Parking lot improvements	\$ 21,443.00
<b>Indian King Tavern</b>	
Archeaology	\$ 17,236.00
<b>Island Beach</b>	
Communciations upgrade	\$ 43,044.00
Gatehouse improvements	\$ 118,050.00
Sanitary sewer feasibility study	\$ 14,970.00
New furnance for Interpretive Center	\$ 4,901.00
Office new hot water heater	\$ 7,979.00
Sanitary Facility wind turbine replacement	\$ 8,555.00
Office HVAC repairs	\$ 3,015.00
Park Police office alarm system	\$ 9,307.00
Park Police office mold abatement	\$ 2,750.00
Bathouse emergency refrigiatiion repair	\$ 5,990.00
Maintenance building roof replacement	\$ 58,590.00
Marina building demolitons	\$ 24,910.00
Fishermans walkway repairs	\$ 210,280.00
Marina bulkhead repairs	\$ 70,450.00
Marina Piling repairs	\$ 12,850.00
Dune walkover	\$ 85,679.00
Beach Access Restoration	\$ 321,851.00
<b>Jenny Jump</b>	
Road improvements	\$ 10,899.00
<b>Kittatinny Valley</b>	
Office communications upgrade	\$ 11,051.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
Office Paking area improvements	\$ 11,000.00
Carriage House Adaptive Reuse Study	\$ 9,110.00
Goodale Road residence demolition	\$ 8,600.00
<b>Leonardo</b>	
Utility service connection	\$ 30,605.00
Emergency dock repairs	\$ 35,647.00
Beach Ave Residence Demolition	\$ 41,535.00
New floating docks	\$ 1,263,900.00
Bulhead analysis	\$ 13,352.00
Underground tank removals	\$ 29,787.00
Temporary office	\$ 88,413.00
Dock bubbler system repairs	\$ 18,271.00
Breakwater restoration	\$ 39,500.00
Abveground fuel tank restoration	\$ 59,041.00
Building demolitons	\$ 35,600.00
Waterline repairs	\$ 16,855.00
<b>Liberty</b>	
Terminal Remediation	\$ 65,261.00
Terminal MEP/Interior restoration	\$ 6,165,000.00
Terminal Exterior restoration	\$ 4,268,613.00
Barge inspection	\$ 33,000.00
Ferry Slip restoration	\$ 1,082,032.00
<b>Monmouth</b>	
Cobb House exterior painting	\$ 32,700.00
Apt Too barn demolition	\$ 25,200.00
Moore House assesment	\$ 4,340.00
Hazardous Tree removal	\$ 1,512.00
Utility Electrical repairs	\$ 9,958.00
New Visitors Center	\$ 2,250,000.00
<b>Musconetcong</b>	
Swirl Chamber repair	\$ 39,789.00
<b>New Bridge Landing</b>	
Stueben House Electric Panel relocation	\$ 13,995.00
Stueben House boiler replacement	\$ 10,270.00
<b>Northern Regional Office</b>	
Interior improvements	\$ 13,747.00
<b>Old Dutch Pasonage</b>	
Roof replacment	\$ 73,481.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Parvin</b>	
Hazardous tree removal	\$ 327,324.00
Well repairs	\$ 6,954.00
<b>Prop House</b>	
Fire Alarm system upgrade	\$ 51,140.00
HVAC repairs	\$ 19,856.00
Emergency/egress lighting repair	\$ 10,605.00
Elevator repairs	\$ 10,920.00
<b>Rancocas</b>	
Debris removal	\$ 17,423.00
Underground storage tank removal	\$ 27,025.00
Museum demolition	\$ 49,259.00
Outbuildings demolitions	\$ 29,025.00
Office/shed demolitions	\$ 34,950.00
<b>Ringwood</b>	
Ringwood Manor septic system analysis	\$ 14,880.00
Shepherd Lake Fire alarm system repairs	\$ 68,175.00
Coffee Shop repairs	\$ 11,505.00
Greenwood Lake Sluice Gate repairs	\$ 12,425.00
Well UV system installation	\$ 14,782.00
Ringwood Manor mold abatement	\$ 12,995.00
Road repairs	\$ 133,490.00
Ringwood Manor artifacts restoration	\$ 477,424.00
Ringwood Manor furnace/duct/chimney repair	\$ 107,800.00
Chapel HVAC repair	\$ 12,246.00
Ringwood Manor Interior restoration	\$ 487,832.00
Pompton/Pequannock Dam analysis	\$ 104,224.00
Skylands Manor fire pump repairs	\$ 31,497.00
Skylands Manor boiler replacement	\$ 98,007.00
Bridge repairs	\$ 23,900.00
<b>Rockingham</b>	
Barn reconstruction	\$ 660,000.00
<b>Round Valley</b>	
Electrical transformer replacement	\$ 27,148.00
Chamberlain House Demolition	\$ 53,840.00
Campground Well treatment system installation	\$ 42,323.00
Demolitions	\$ 52,300.00
Hazardous Tree removal	\$ 21,860.00
Well Improvements	\$ 27,379.00
Wind warning system repairs	\$ 5,335.00
Fence replacement	\$ 11,027.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Somers Mansion</b>	
Facilities assesment	\$ 14,620.00
Security system upgrades	\$ 17,573.00
<b>Spring Meadow Golf Course</b>	
Driving range improvements	\$ 15,132.00
<b>Spruce Run</b>	
Well system improvements	\$ 61,999.00
Ejector Pit/pump repairs	\$ 23,114.00
Pump House roof repairs	\$ 76,785.00
Campground Sanitary facility hot water heater replacement	\$ 4,435.00
Electrical transformer replacement	\$ 3,554.00
Fountain repairs	\$ 6,101.00
Office HVAV system replacement	\$ 28,354.00
<b>Stephens</b>	
Old Picnic Sanitary demolition	\$ 14,675.00
Road improvements	\$ 17,999.00
Bridge repairs	\$ 23,900.00
<b>Stokes</b>	
Cabins chimney repairs	\$ 32,120.00
Powers residence demolition	\$ 19,500.00
Road improvements	\$ 35,603.00
Denholtz residence demolition	\$ 59,000.00
Bridge repairs	\$ 19,000.00
<b>Stowe Creek</b>	
Boat ramp	\$ 32,787.00
<b>Swartswood</b>	
Septice system repairs	\$ 11,727.00
<b>Twin Lights</b>	
Parking lot improvements	\$ 105,185.00
Viewshed improvements	\$ 6,700.00
<b>Voorhees</b>	
Road improvements	\$ 110,000.00
Campground Sanitary facility hot water heater replacement	\$ 3,831.00
Campground well improvements	\$ 11,700.00
Spill remediation	\$ 76,735.00
<b>Wallace House</b>	

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
Exterior painting	\$ 13,220.00
<b>Walt Whitman</b>	
House exterior painting	\$ 18,855.00
Alarm system upgrades	\$ 6,149.00
<b>Washington Crossing</b>	
Ferry/Nelson Houses Chimney repair	\$ 40,780.00
Visitors Center well improvements	\$ 8,702.00
Visitors Center emergency roof repairs	\$ 74,555.00
Sewage pump replacement	\$ 4,281.00
<b>Waterloo</b>	
Performance area demolition	\$ 34,991.00
Rutan Cabin roof replacement	\$ 7,650.00
Wellington House roof repair	\$ 9,970.00
Samuel Smith House roof replacement	\$ 14,840.00
Ironmasters House stabilization	\$ 15,000.00
Seymour Smith House alarm system, boiler & roof repairs	\$ 12,070.00
Apothecary repairs	\$ 9,860.00
<b>Wawayanda</b>	
Emergency bridge repairs	\$ 80,520.00
Road improvements	\$ 35,499.00
<b>Wharton</b>	
Atsion/Batsto Road culver repairs	\$ 62,013.00
Park Police Office security system upgrades	\$ 10,720.00
Park Police Office remediation	\$ 7,950.00
Visitors Center flooring installation	\$ 10,605.00
Emergency tree removal	\$ 4,300.00
Atsion water well pump replacement	\$ 4,509.00
Maintenance emergency furnance replacment	\$ 7,272.00
Visitors Center HVAC repair	\$ 4,295.00
Water system control repairs	\$ 14,162.00
Hope House demolition	\$ 25,490.00
Batsto Mansion HVAC repairs	\$ 116,790.00
Batsto fire hydrant replacements10190	
Batsto water well pump replacements	\$ 10,918.00
Park Police office PEOSHA mitigation	\$ 10,694.00
Bridge repairs	\$ 80,300.00
Crowley's Landing Boat Ramp repairs	\$ 14,472.00
<b>Whitesbog</b>	
Village Fire suppression repairs	\$ 5,296.00
Bridge repairs	\$ 19,000.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>TOTAL</b>	<b>\$ 35,333,004.00</b>
<b>Fish &amp; Wildlife</b>	
<b>Abbott Meadows</b>	
Mason Pt Road demolition	\$ 23,800.00
<b>Assunpink</b>	
Maintenance Area improvements	\$ 8,000.00
Office expansion/repairs	\$ 1,258,400.00
Habitat Restoration	\$ 100,500.00
Road improvements	\$ 246,819.00
Former office asbestos abatement	\$ 10,165.00
New Pole barn	\$ 200,000.00
<b>Baldwin</b>	
Habitat Restoration	\$ 16,036.00
<b>Belvedere</b>	
Dam Repairs	\$ 73,575.00
House demolitions	\$ 81,314.00
<b>Bevans</b>	
Road improvements	\$ 36,447.00
<b>Black River</b>	
Habitat Restoration	\$ 81,750.00
Road improvements	\$ 20,097.00
<b>Buckshutem</b>	
Habitat Restoration	\$ 11,483.00
<b>Clinton</b>	
Habitat Restoration	\$ 52,500.00
Archery Park	\$ 1,251,197.00
Hedge Haven heater replacement	\$ 11,894.00
Office furnance replacement	\$ 14,981.00
Road improvements	\$ 12,702.00
<b>Colliers Mills</b>	
Lake Success Dam Repairs	\$ 12,400.00
Phone system upgrade	\$ 5,697.00
Emergency boiler replacement	\$ 32,850.00
New storage building	\$ 384,241.00
Habitat Restoration	\$ 194,301.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Columbia</b>	
Habitat Restoration	\$ 35,000.00
<b>Cox Hall Creek</b>	
Habitat Restoration	\$ 46,205.00
<b>Deal</b>	
Beach access railing replacement	\$ 17,375.00
<b>Dix</b>	
Habitat Restoration	\$ 230,867.00
<b>Elmer</b>	
Road improvements	\$ 20,057.00
<b>Flatbrook</b>	
Habitat Restoration	\$ 69,756.00
New Pole Barn	\$ 532,855.00
<b>Glassboro</b>	
Habitat Restoration	\$ 28,712.00
<b>Green Pond</b>	
Residence demolition	\$ 14,245.00
<b>Gum Tree Corner</b>	
Habitat Restoration	\$ 17,100.00
<b>Hackettstown</b>	
Road improvements	\$ 23,200.00
Walkway replacement	\$ 29,875.00
Pond restorations	\$ 58,845.00
Raceway restorations	\$ 57,764.00
<b>Highbee</b>	
Viewing platform installation	\$ 39,750.00
Habitat Restoration	\$ 44,357.00
<b>Lebanon Lab</b>	
Road improvements	\$ 18,602.00
Exterior stucco repairs	\$ 19,885.00
<b>Lizard Tail Swamp</b>	
Habitat Restoration	\$ 51,290.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Mad Horse Creek</b>	
Road improvements	\$ 40,379.00
<b>Makepeace Lake</b>	
Shooting range improvements	\$ 11,500.00
<b>Manasquan</b>	
Habitat Restoration	\$ 5,279.00
<b>Maskells Mill</b>	
Road improvements	\$ 9,375.00
<b>Menantico</b>	
Road improvements	\$ 26,075.00
<b>Millville</b>	
New Pole Barn	\$ 261,404.00
Southern Pine Beetle Suppression	\$ 55,050.00
Habitat Restoration	\$ 11,664.00
<b>Musconetcong</b>	
Habitat Restoration	\$ 80,375.00
<b>Nacote Creek</b>	
Office relocation study	\$ 29,795.00
<b>Peaslee</b>	
Habitat Restoration	\$ 186,245.00
<b>Pequest</b>	
Office window replacements	\$ 69,411.00
Phone system upgrade	\$ 18,144.00
New Interpretive Center	\$ 999,474.00
Habitat Restoration	\$ 50,375.00
Water treatment system improvements	\$ 14,976.00
Well pump motor replacement	\$ 38,300.00
Raceway cover analysis	\$ 13,840.00
<b>Prospertown</b>	
Dam Repairs	\$ 58,350.00
<b>Quail</b>	
Habitat Restoration	\$ 22,800.00
<b>Reigelsville</b>	
Boat ramp improvements	\$ 554,041.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14

### Parks & Forestry

AREA	AMOUNT SPENT:
<b>Rockaway</b>	
Forest Stewardship Plan	\$ 32,467.00
Pump House demolition	\$ 14,999.00
<b>Rockport</b>	
New Catch building	\$ 1,067,000.00
Brooder House electrical upgrade	\$ 14,980.00
<b>Salem River</b>	
Demolition	\$ 46,104.00
Habitat Restoration	\$ 66,693.00
Road improvements	\$ 60,360.00
<b>Sedge Island</b>	
PV system repairs	\$ 28,500.00
<b>Shaws Mill</b>	
Road improvements	\$ 12,307.00
<b>Sparta Mountain</b>	
Forest Stewardship Plan	\$ 15,000.00
<b>Spicers Creek</b>	
Boat ramp improvements	\$ 266,153.00
Habitat Restoration	\$ 12,850.00
<b>Thundergut</b>	
Road improvements	\$ 17,713.00
<b>Trout Brook</b>	
Forest Stewardship Plan	\$ 26,290.00
<b>Tuckahoe</b>	
Road improvements	\$ 160,813.00
New Pole Barn	\$ 261,404.00
Office communications upgrade	\$ 26,500.00
Office Renovations	\$ 131,150.00
Habitat Restoration	\$ 47,374.00
<b>Union Lake</b>	
Road improvements	\$ 108,016.00
Habitat Restoration	\$ 11,400.00
<b>Weldon Brook</b>	
Forest Stewardship Plan	\$ 25,000.00

# ATTACHMENT 3

## Capital Projects FY12 - FY14 Parks & Forestry

AREA	AMOUNT SPENT:
<b>White Oark</b>	
Demolition	\$ 40,303.00
<b>Winslow</b>	
Road improvements	\$ 51,733.00
New Pole barn	\$ 200,000.00
<b>Wittingham</b>	
Habitat Restoration	\$ 38,500.00
<b>Total Fish and Wildlife</b>	<b>\$ 10,837,350.00</b>
<b>Grand Total</b>	<b>\$ 46,170,354.00</b>