



# **City of Northampton**

Department of Public Works

## **Stormwater and Flood Control Utility**

### **FY 2016 Annual Report**

## **PURPOSE**

Under City Ordinance § 280-13, Annual Reports, the Department of Public Works is required to make an annual presentation to the City Council providing information relating to the work and projects financed by the Stormwater and Flood Control Utility in the previous year, including, to the extent practicable, an account of expenditures from the stormwater management and flood control account and projected future expenditures. The Department will also present this information in a written report accessible on the City website.

## **STORMWATER AND FLOOD CONTROL UTILITY BUDGET AND RATES**

The Fiscal Year (FY) 2016 Stormwater and Flood Control Utility Budget was set at \$1,974,676. The calculation of bills for all properties resulted in a total hydraulic area or usage number of 75,757,546 square feet, which is adjusted from FY 2015 due credits, abatements and changes to properties due to development. Based on the budget and the total hydraulic area, the billing rate was determined to be \$0.026066 per square foot of hydraulic area.

At the end of FY 2016, credits were approved for 998 properties for a total annual value of \$72,591.

## **STORMWATER CAPITAL PROJECTS**

### **Drainage Improvements as part of Annual Pavement Projects**

As part of the annual roadway paving projects, Warner Brothers LLC reset and replaced frames and grates or covers for some catch basins and manholes, partially rebuilt some manhole structures and installed drainage improvements, designed by the DPW Engineering, on Woodlawn Ave, the intersection of Pine and Florence St, Prospect St, Audubon Rd, North Elm St, Maple St, Bridge St, Massasoit Ave, Milton St, Pomeroy Terrace, Reservoir Rd and Chesterfield Rd.

### **Pulaski Park Drainage System Construction**

Mountain View Landscapes completed construction of the new drainage system for Phase 1 of the Pulaski Park Reconstruction.

### **Audubon Rd Drainage and Culvert Reconstruction**

Tighe & Bond substantially completed design and permitting of drain system reconstruction and culvert replacement.

### **Hinckley St Drain System Reconstruction**

DPW Engineering secured a drainage easement and completed environmental permitting, with the support of the consultant CDM Smith, for a new drainage outfall off Riverside Drive.

### **King Street Brook Flood Mitigation**

- Analysis and design completed by CDM Smith of a flood mitigation project for the King Street Brook in the area near the Northampton Bikeway and the neighborhood including Stoddard St, State St and Church St. Continuing work to secure additional funds through the FEMA Hazard Mitigation Grant Program to construct a flood control berm to protect the neighborhood at State St, Stoddard St and Church St.
- Annual cleaning of the King Street Brook Sediment Basin and culvert under the bike path by J.W. Cotton and DPW staff to maintain flow during storm events and reduce sedimentation of Barrett Street Marsh.

### **Catch Basin Material Dewatering Facility**

Tighe and Bond initiated investigative work to reconstruct an oil water separator to be used by a catch basin material dewatering facility to be designed and constructed in 2017.

## **FLOOD CONTROL CAPITAL PROJECTS**

### **Connecticut and Mill River - Engineering Assessments**

In FY 2015, AECOM was selected to provide engineering assessments to address various issues previously noted by the USACE. Their work continued in FY 2016 and included assessment of observed encroachments to the Flood Control System and recommendation of alterations to the USACE; review of the freeboard elevations along the system levees and floodwalls; a risk analysis for the West Street pumping station relating to fuel type and storage capacity versus the consequences of the loss of the use of the station during a storm event; inspection of the flood control toe drain system including piping and manholes; inspection of the Hockanum Road pumping station's gravity, overflow and intake conduits; Phase I dam inspection/evaluation of the South Street drop structure in accordance with DCR Office of Dam Safety requirements; development of a supplement to the Flood Control System Operation and Maintenance Manual for the South Street drop structure; and inspection, evaluation and alternatives analysis of the Oxbow Bridge relative to the function of the flood control system. This work was completed in 2016.

### **Connecticut River Stop Log Improvements**

Based on Tighe & Bond's findings during the Stop Log Evaluation project, it was determined that improvements to the stop log systems were required to restore the functionality of the stop log walls. We coordinated with Tighe & Bond to develop plans and specifications for the necessary improvements which included the replacement of the stop log timbers and refurbishment of the support and anchor components. The contract for the construction/installation of these improvements was awarded to A.J. Virgillio Construction, Inc. This work was completed in 2016.

### **Stop Log Storage Building Improvements**

This project was undertaken following the replacement of the stop log timbers and refurbishment of the support and anchor components at the two Ct River stop log locations. It

was noted that the storage buildings were deteriorated and repairs were needed to protect the newly refurbished and replaced components of the stop log walls. The buildings were refurbished by Deerfield Valley Re-Fab & Crane Services. Re-location of the stop log components and transportation were performed by the DPW. Refurbishment of the storage buildings was completed in 2016, but relocation of the buildings to their sites adjacent to the levee is expected to occur in the spring of 2017.

## **STORMWATER OPERATION AND MAINTENANCE**

### **Catch Basin Cleaning**

- Cleaned over 1,000 catch basins throughout the City from April to October

### **Catch Basin and Drain Manhole Cover Repairs/Replacement**

- Catch basin covers and grates were repaired, reset or replaced throughout the City

### **Drain Pipe Repairs**

- Completed drain pipe repairs throughout the City

### **Bernache Street Drainage Swale Reconstruction**

- DPW designed and constructed an improved drainage swale to correct a flooding problem on Bernache Street.

### **Storm Event Flood Mitigation**

- Ongoing removal of leaves, snow and debris from catch basin grates throughout the City before and during storm events to mitigate road drainage backups and flooding.
- Clean debris from culverts throughout the City to mitigate brook backups and flooding.

### **Street Sweeping**

- All City streets swept one time—2 sweepers and 1 truck, April to September
- Central Business District swept two times per month
- Central Business District swept for special events such as First Night and Holiday Stroll
- Florence Center, Baystate Village, Leeds Village, King St/Damon Rd/Bridge St Area, Glendale Rd, West Farms Rd and Downtown Parking Lots swept monthly.

### **Cleaning of Drain Ditches**

- Cleaned sediment and debris from drainage ditches throughout the City.

### **Stormwater System Inspections**

- Pipe video inspections of drain lines and other system inspections throughout the City to identify and investigate structural failures, sink holes and other problems in the drainage system
- Inspected drain outfalls throughout the City to investigate erosion problems and inspect for possible illicit discharges to the drainage system in compliance with the EPA MS4 Permit.

### **King Street Brook / Barrett Street Marsh Flood Mitigation**

- Inspection of King St Brook at the bike path culvert weekly and during major storms throughout the year
- Clean out of the King Street Brook Sediment Basin – Annual cleaning of the sediment basin and culvert under the bike path to maintain flow during storm events and reduce sedimentation of Barrett Street Marsh
- Vegetation and debris removal in the brook channel between Barrett St and the culvert behind CVS
- Clean debris off the grate at the culvert entrance behind CVS weekly

### **Hinckley Street Drain System Reconstruction**

- DPW Engineering designed a new drain system for Hinckley Street and the surrounding stormwater system.

### **Fire Flooding Damage Assistance**

- Assisted with pump out of basements flooded from firefighting activities at the former Clarke School buildings on Round Hill Road.

### **Development Project Engineering Review**

- DPW Engineering staff review of all development plans submitted for permitting through the Office of Planning and Sustainability for impacts to the City's drainage system, proposed drainage connections and/or alterations to the City drainage system.

### **Public Drainage Information Requests**

- DPW Engineering staff responds to inquiries from designers, contractors, developers and land owners with questions about the drainage system and provides documents and information.

### **Stormwater Management Permits**

- DPW Engineering staff provides ongoing review and inspection of development projects that disturb over 1 acre in the City under the Stormwater Management Permit program in compliance with EPA MS4 Permit.

### **Illicit Discharge Investigations**

- Federal Street and Mill River bacteria investigation—Sampling and investigation of the Mill River and adjacent drain systems and waterways for levels of e-coli bacteria. Follow-up investigations of the drainage and sanitary sewer systems.

### **DPW Engineering Coordination and Development**

- DPW Engineering staff provided coordination, development support and construction oversight on certain projects for stormwater management system capital projects.

### **Catch Basin Label Installation**

- Installed “No Dumping Drains to River” Labels at catch basins throughout City as part of public education activities in compliance with the EPA MS4 Permit.

### **New EPA NPDES Stormwater MS4 Permit**

- Preparation for compliance with new EPA NPDES Stormwater MS4 Permit that will be effective July 1, 2017.

### **Catch Basin Material Dewatering Facility at DPW**

- Preliminary design and utility investigation to accommodate a catch basin material dewatering facility at the DPW.

### **Relocation of the Market Street Brook Culvert**

- Management and oversight of the design for the reconstruction of a portion of the Market Street Brook drainage conduit to accommodate a proposed building development at the former Northampton Lumber site.

## **FLOOD CONTROL SYSTEM OPERATION AND MAINTENANCE**

### **Operation and Maintenance of the Connecticut River Flood Control Pump Station**

- Activated the Connecticut River flood control pumps for 10 days during high river levels and major precipitation events.
- Maintenance of the station including pumping systems, gates, trash racks, electrical components, National Weather Service river gauge and other associated systems.

### **Operation and Maintenance of the Mill River Flood Control Pump Station**

- Maintenance of the station including the engine, pump, fuel system and other components of the station.

### **Stop Log Structure Operation and Maintenance**

- Trial deployment of the Route 5 and railroad stop log structures on the Connecticut River System and the West Street stop log structure on the Mill River system, one per year on a rotating basis.

### **Levee Inspection and Maintenance**

- Vegetation maintenance and routine inspection of the Connecticut River and Mill River levees.

### **DPW Engineering Coordination and Development**

- DPW Engineering staff provided coordination and development support for all flood control capital projects.

## **STORMWATER AND FLOOD CONTROL UTILITY ADMINISTRATION**

### **DPW Utility Billing Department**

- Maintenance of records and processing of quarterly Stormwater and Flood Control Utility bills
- Processing of abatements and credits to Stormwater and Flood Control Utility Fees
- Communication with property owners regarding billing questions

### **DPW Engineering Department**

- Review of Stormwater and Flood Control Utility credit applications and administration of the credit program.
- Review of Stormwater and Flood Control Utility abatement requests.
- Communication with property owners regarding technical billing questions
- Maintenance and correction of property data and fee calculations for the Stormwater and Flood Control Utility

08/22/2016 10:38  
1281swri

City of Northampton  
STORMWATER ENTERPRISE FUND REVENUE 2016

P 1  
glytdbud

FOR 2016 99

	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
6200 STORMWATER ENTERPRISE						
62004 STORMWATER REVENUE						
417030 INTEREST ON TAX TITLES	0	0	0	-.13	.13	100.0%
423040 STORMWATER RATES	-1,974,676	0	-1,974,676	-1,982,043.60	7,367.60	100.4%
423041 STORMWATER LIENS	0	0	0	-53,274.65	53,274.65	100.0%
423042 STORMWATER INTEREST INCOME	0	0	0	-12,905.96	12,905.96	100.0%
423043 STORMWATER MISC. INCOME	0	0	0	-14,669.40	14,669.40	100.0%
445070 STORMWATER STUDY FEES	0	0	0	-17,807.00	17,807.00	100.0%
TOTAL STORMWATER REVENUE	-1,974,676	0	-1,974,676	-2,080,700.74	106,024.74	105.4%
TOTAL STORMWATER ENTERPRISE	-1,974,676	0	-1,974,676	-2,080,700.74	106,024.74	105.4%
GRAND TOTAL	-1,974,676	0	-1,974,676	-2,080,700.74	106,024.74	105.4%

\*\* END OF REPORT - Generated by Susan Wright \*\*

REPORT OPTIONS

	Field #	Total	Page Break
Sequence 1	1	Y	N
Sequence 2	9	Y	N
Sequence 3	11	Y	N
Sequence 4	0	N	N

Report title:

STORMWATER ENTERPRISE FUND REVENUE 2016

Includes accounts exceeding 0% of budget.

Print totals only: Y

Print Full or Short description: F

Print full GL account: N

Format type: 1

Double space: N

Suppress zero bal accts: Y

Include requisition amount: N

Print Revenues-Version headings: Y

Print revenue as credit: Y

Print revenue budgets as zero: N

Include Fund Balance: N

Print journal detail: N

From Yr/Per: 2016/ 9

To Yr/Per: 2016/ 9

Include budget entries: Y

Incl encumb/liq entries: Y

Sort by JE # or PO #: J

Detail format option: 1

Include additional JE comments: N

Multiyear view: D

Amounts/totals exceed 999 million dollars: N

Year/Period: 2016/99

Print MTD Version: N

Roll projects to object: N

Carry forward code: 1

Find Criteria

Field Name Field Value

Fund 62\*  
 FUNCTION  
 DEPARTMENT  
 DOE  
 BUDGET CAT  
 LOCATION  
 CURR/GRANT  
 GRADE  
 Character Code  
 Org  
 Object  
 Project  
 Account type Revenue

08/22/2016 10:38  
1281swri

| City of Northampton  
| STORMWATER ENTERPRISE FUND REVENUE 2016

| P 3  
| glytdbud

---

REPORT OPTIONS

---

Account status  
Rollup Code

08/22/2016 10:42  
1281swri

City of Northampton  
STORMWATER ENTERPRISE FUND EXPENSE 2016

P 1  
glytddbud

FOR 2016 13

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
6200 STORMWATER ENTERPRISE							
62611 STMWTR ENT STORMDRAINS-PS							
511000 SALARIES PERMANENT	439,136	0	439,136	395,795.79	.00	43,340.21	90.1%
513000 OVERTIME	10,000	0	10,000	3,745.84	.00	6,254.16	37.5%
514002 LONGEVITY	2,677	0	2,677	100.00	.00	2,577.00	3.7%
514004 WEEK ADJUSTMENT	4,778	0	4,778	343.19	.00	4,434.81	7.2%
514005 LICENSE & CERTIFICATION	100	0	100	455.00	.00	-355.00	455.0%
514007 WORKING OUT OF GRADE	833	0	833	13.13	.00	819.87	1.6%
519020 UNIFORM ALLOWANCE	825	0	825	.00	.00	825.00	.0%
TOTAL STMWTR ENT STORMDRAINS-PS	458,349	0	458,349	400,452.95	.00	57,896.05	87.4%
62612 STMWTR ENT STORMDRAINS-OM							
524004 R & M VEHICLES	500	0	500	1,144.40	.00	-644.40	228.9%
524020 R & M WATER/SEWER TREATMENT	3,000	0	3,000	5,374.78	.00	-2,374.78	179.2%
527008 R&L CONSTRUCTION EQUIPMENT	500	0	500	2,811.15	.00	-2,311.15	562.2%
527012 R & L UNIFORMS	2,000	0	2,000	1,183.83	.00	816.17	59.2%
529007 SECURITY SERVICES/OUTSIDE DE	5,000	0	5,000	4,389.50	.00	610.50	87.8%
530003 ARCHITECTURE AND ENGINEERING	50,000	29,000	79,000	61,456.35	17,543.65	.00	100.0%
530004 TECHNOLOGY SERVICES	5,000	0	5,000	5,055.51	.00	-55.51	101.1%
530005 TRAINING & SEMINARS	2,000	0	2,000	1,646.26	.00	353.74	82.3%
530006 MEDICAL/TESTING SERVICES	200	0	200	.00	.00	200.00	.0%
530019 LAB SAMPLE ANALYSIS	2,000	0	2,000	.00	.00	2,000.00	.0%
531006 DPW TV INSPECTIONS	5,000	0	5,000	.00	.00	5,000.00	.0%
531009 CATCH BASIN CLNING DISPOSAL	30,000	0	30,000	6,567.53	.00	23,432.47	21.9%
534100 TELEPHONE	0	0	0	41.71	.00	-41.71	100.0%
534300 PRINTING	10,000	0	10,000	1,629.22	.00	8,370.78	16.3%
534600 ADVERTISING	1,000	0	1,000	361.81	.00	638.19	36.2%
542000 OFFICE SUPPLIES - GENERAL	400	0	400	1,984.36	.00	-1,584.36	496.1%
543003 R&M SUPPLIES-TOOLS	1,000	0	1,000	647.60	.00	352.40	64.8%
543015 R&M SUPPLIES-EQUIPMENT	5,000	0	5,000	3,094.29	.00	1,905.71	61.9%
546001 RAKES, HOES AND OTHER TOOLS	1,000	0	1,000	.00	.00	1,000.00	.0%
546003 LOAM, GRASS SEED, LIME	1,000	0	1,000	537.70	.00	462.30	53.8%
548000 VEHICULAR SUPPLIES	20,000	0	20,000	9,656.64	.00	10,343.36	48.3%
548001 GASOLINE/DIESEL	5,000	0	5,000	3,512.70	.00	1,487.30	70.3%
553001 SAFETY SUPPLIES	1,500	0	1,500	.00	.00	1,500.00	.0%

08/22/2016 10:42  
1281swri

City of Northampton  
STORMWATER ENTERPRISE FUND EXPENSE 2016

P 2  
glytddb

FOR 2016 13

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
553040 SEWER DIVISION SUPPLIES	10,000	0	10,000	6,140.16	.00	3,859.84	61.4%
553050 STREETS & SIDEWALKS SUPPLIES	5,000	0	5,000	3,265.21	.00	1,734.79	65.3%
553052 CATCH BASIN FRAMES/GRATES	15,000	0	15,000	8,100.00	.00	6,900.00	54.0%
558003 DATA PROCESSING SUPPLIES	350	0	350	128.42	.00	221.58	36.7%
TOTAL STMWTR ENT STORMDRAINS-OM	181,450	29,000	210,450	128,729.13	17,543.65	64,177.22	69.5%
62613 STMWTR ENT STORMDRAINS-OOM							
583001 CATCH BASIN DEWTER FACILITY	0	60,000	60,000	.00	60,000.00	.00	100.0%
585018 EQUIPMENT STORAGE	16,000	0	16,000	.00	16,000.00	.00	100.0%
585019 GPS UPGRADE	5,000	0	5,000	2,668.00	.00	2,332.00	53.4%
585022 STORMDRAIN INFLOW	100,000	0	100,000	.00	100,000.00	.00	100.0%
587002 REPLACE EQUIP TRUCKS & BUSES	74,000	100,600	174,600	24,909.34	149,690.66	.00	100.0%
589022 DRAIN REPLACEMENT	500,000	266,145	766,145	171,474.00	594,671.10	.00	100.0%
TOTAL STMWTR ENT STORMDRAINS-OOM	695,000	426,745	1,121,745	199,051.34	920,361.76	2,332.00	99.8%
62631 STMWTR ENT FLD CNTL-PS							
511000 SALARIES PERMANENT	14,038	0	14,038	12,992.76	.00	1,045.24	92.6%
513000 OVERTIME	13,000	0	13,000	4,751.35	.00	8,248.65	36.5%
514002 LONGEVITY	160	0	160	.00	.00	160.00	.0%
519020 UNIFORM ALLOWANCE	45	0	45	.00	.00	45.00	.0%
TOTAL STMWTR ENT FLD CNTL-PS	27,243	0	27,243	17,744.11	.00	9,498.89	65.1%
62632 STMWRT ENT FLD CNTL - OM							
521001 ELECTRICITY	5,000	0	5,000	3,851.55	.00	1,148.45	77.0%
521101 NATURAL GAS	1,500	0	1,500	1,429.68	.00	70.32	95.3%
523003 STORMWATER SERVICES	2,000	0	2,000	1,380.17	.00	619.83	69.0%
524001 R & M BUILDINGS	200	0	200	153.50	.00	46.50	76.8%
524002 R & M GROUNDS	2,500	0	2,500	4,805.00	.00	-2,305.00	192.2%
524008 R & M COMMUNICATION LINES	0	0	0	636.76	.00	-636.76	100.0%
524020 R & M WATER/SEWER TREATMENT	10,000	0	10,000	9,102.80	.00	897.20	91.0%
530003 ARCHITECTURE AND ENGINEERING	50,000	23,721	73,721	34,007.71	.00	39,713.42	46.1%
543000 R&M SUPPLIES-BLDGS & EQUIP	1,000	0	1,000	.00	.00	1,000.00	.0%

08/22/2016 10:42  
1281swri

City of Northampton  
STORMWATER ENTERPRISE FUND EXPENSE 2016

P 3  
glytdbud

FOR 2016 13

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
543003 R&M SUPPLIES-TOOLS	500	0	500	239.70	.00	260.30	47.9%
543015 R&M SUPPLIES-EQUIPMENT	9,925	0	9,925	1,089.15	.00	8,835.85	11.0%
543020 R&M SUPPLIES-BUILDINGS	500	0	500	.00	.00	500.00	.0%
548001 GASOLINE/DIESEL	10,000	0	10,000	.00	.00	10,000.00	.0%
553001 SAFETY SUPPLIES	500	0	500	.00	.00	500.00	.0%
TOTAL STMWRT ENT FLD CNTL - OM	93,625	23,721	117,346	56,696.02	.00	60,650.11	48.3%
<hr/>							
62633 STMWTR ENT FLD CNTL - OOM							
584000 SITE IMPROVEMENTS	0	200,000	200,000	58,064.60	141,935.40	.00	100.0%
585021 FLOOD CONTROL LEVEE	200,000	0	200,000	154,077.50	45,922.50	.00	100.0%
TOTAL STMWTR ENT FLD CNTL - OOM	200,000	200,000	400,000	212,142.10	187,857.90	.00	100.0%
<hr/>							
62710 STRWTR ENT DEBT PYMT							
591000 MATURING PRINCIPAL ON LONG T	37,700	0	37,700	42,000.00	.00	-4,300.00	111.4%
TOTAL STRWTR ENT DEBT PYMT	37,700	0	37,700	42,000.00	.00	-4,300.00	111.4%
<hr/>							
62750 STRMTR ENT INT ON DEBT							
591500 INTEREST ON LONG TERM DEBT	11,310	0	11,310	7,824.25	.00	3,485.75	69.2%
TOTAL STRMTR ENT INT ON DEBT	11,310	0	11,310	7,824.25	.00	3,485.75	69.2%
<hr/>							
62991 STRWTR ENT INDIRECT EXPENCE							
596100 TRANSFERS TO GENERAL FUND	269,999	0	269,999	269,999.00	.00	.00	100.0%
TOTAL STRWTR ENT INDIRECT EXPENCE	269,999	0	269,999	269,999.00	.00	.00	100.0%
TOTAL STORMWATER ENTERPRISE	1,974,676	679,466	2,654,142	1,334,638.90	1,125,763.31	193,740.02	92.7%
GRAND TOTAL	1,974,676	679,466	2,654,142	1,334,638.90	1,125,763.31	193,740.02	92.7%

\*\* END OF REPORT - Generated by Susan Wright \*\*

REPORT OPTIONS

	Field #	Total	Page Break
Sequence 1	1	Y	N
Sequence 2	9	Y	N
Sequence 3	11	Y	N
Sequence 4	0	N	N

Report title:

STORMWATER ENTERPRISE FUND EXPENSE 2016

Includes accounts exceeding 0% of budget.

Print totals only: Y

Print Full or Short description: F

Print full GL account: N

Format type: 1

Double space: N

Suppress zero bal accts: Y

Include requisition amount: N

Print Revenues-Version headings: N

Print revenue as credit: Y

Print revenue budgets as zero: N

Include Fund Balance: N

Print journal detail: N

From Yr/Per: 2016/ 9

To Yr/Per: 2016/ 9

Include budget entries: Y

Incl encumb/liq entries: Y

Sort by JE # or PO #: J

Detail format option: 1

Include additional JE comments: N

Multiyear view: D

Amounts/totals exceed 999 million dollars: N

Year/Period: 2016/13

Print MTD Version: N

Roll projects to object: N

Carry forward code: 1

Find Criteria

Field Name	Field Value
Fund	62*
FUNCTION	
DEPARTMENT	
DOE	
BUDGET CAT	
LOCATION	
CURR/GRANT	
GRADE	
Character Code	
Org	
Object	
Project	
Account type	Expense

08/22/2016 10:42  
1281swri

City of Northampton  
STORMWATER ENTERPRISE FUND EXPENSE 2016

P 5  
glytdbud

---

REPORT OPTIONS

---

Account status  
Rollup Code