

Grantee: Connecticut - DOH

Grant: B-13-DS-09-0002

April 1, 2022 thru June 30, 2022 Performance Report

Grant Number: B-13-DS-09-0002	Obligation Date:	Award Date:
Grantee Name: Connecticut - DOH	Contract End Date: 09/30/2025	Review by HUD: Submitted - Await for Review
Grant Award Amount: \$54,277,359.00	Grant Status: Active	QPR Contact: No QPR Contact Found
LOCCS Authorized Amount: \$54,277,359.00	Estimated PI/RL Funds:	
Total Budget: \$54,277,359.00		

Disasters:

Declaration Number

No Disasters Found

Narratives

Executive Summary:

Connecticut's resilience activities exist at three scales: local demonstration infrastructure projects that will enhance resilience in the low-moderate income City of Bridgeport as a model for the rest of the state, a regional planning process to create a blueprint for resilience across the MID-URN areas of Fairfield and New Haven Counties, and state policy to institutionalize resilience through the SAFR (State Agencies Fostering Resilience) Council.

In Bridgeport, NDR funds will be used to construct three projects and complete two studies. The state will construct a raised University Avenue to provide dry egress for multiple properties that are receiving state support to remediate brownfields and redevelop as mixed-use, a berm that will encircle the eastern area of the South End and significantly reduce flood risk to a large area that includes power generation and substations as well as affordable and historic housing and future transit-oriented development opportunities, and a resilience design center to act as a community hub for resilience activities. The state will study the potential to leverage the regional energy generation and distribution infrastructure located in the South End of Bridgeport for neighborhood benefit and the opportunities for redevelopment in the flood plain in a responsible and resilient manner.

Across Fairfield and New Haven Counties, NDR funds will be used to develop the regional coastal resilience plan, Connecticut Connections. This plan will be based on modeling to be conducted to better understand flood risk and the combination of coastal surge and riverine flooding and provide a blueprint towards resilience for the communities from Greenwich to Madison.

Statewide, NDR funds will support the SAFR Council in their effort to create a resilience roadmap for the state and to institutionalize resilience into state policies.

The activities being carried out under NDR contribute to the State's efforts to affirmatively further fair housing by: 1) enabling the continued safe habitation of existing affordable housing opportunities within walking distance of jobs, public transportation and amenities; 2) mitigating both present and future flood related issues of both publicly and privately owned properties targeted for future multifamily and economic development; and 3) preserving and increasing the potential for affordable homeownership opportunities in this target neighborhood. In addition, the NDR activities will contribute to addressing the regional need to affirmatively further fair housing by encouraging both housing and economic development in low flood risk and transit-oriented neighborhoods across Fairfield and New Haven counties. Many of these NDR activities address specific action steps found in the State of Connecticut Analysis of Impediments to Fair Housing Choice, which is compliant with and supports the federal obligation to affirmatively further fair housing. These action steps include: 1) encourage the creation and rehabilitation of affordable housing in a variety of locations; 2) collaborate with other state agencies to support affirmative further fair housing; and 3) ensure state and local planning documents affirmatively further fair housing.

MID-URN Areas:

The State of Connecticut activities focus on the MID-URN geographies of Fairfield and New Haven Counties with the NDR-funded infrastructure activities limited to the Low-Mod income city of Bridgeport.

Key Agencies, Partners, Positions, Personnel:

Staff at the Department of Housing will oversee all activities funded through the NDR grant. In addition to a Director of the program, the state will be competitively procuring program management support for grant management, compliance, finance, and other functions.

The bulk of the work will be conducted by consultants and the state is just completing its first public procurement for alternatives assessment, environmental review, and preliminary engineering. Additional consultants will be procured as needed as the projects progress.

The CT Institute for Resilience and Climate Adaptation (CIRCA) at the University of Connecticut will act a sub-recipient, leading the CT Coastal Connections Regional Plan process.

Other state agencies through the SAFR Council including the Office of Policy and Management, Department of Transportation, Department of Energy and Environmental Protection and others will support the Department of Housing on timely permitting, review, and other support measures to ensure that the outcomes and timelines of the projects are met.

Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$65,693,082.00
Total Budget	\$0.00	\$54,277,359.00
Total Obligated	\$334,817.05	\$15,592,081.15
Total Funds Drawdown	\$334,817.05	\$15,552,236.35
Program Funds Drawdown	\$334,817.05	\$15,552,236.35
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$334,817.05	\$15,552,266.35
HUD Identified Most Impacted and Distressed	\$334,817.05	\$7,443,693.56
Other Funds	\$ 0.00	\$ 11,415,723.00
Match Funds	\$ 0.00	\$ 11,415,723.00
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
STATE OF CONNECTICUT	\$ 334,817.05	\$ 15,552,266.35
State of Connecticut	\$ 0.00	\$ 0.00

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	50.00%	100.00%	100.00%
Overall Benefit Amount	\$20,947,018.00	\$42,574,036.00	\$8,034,225.42
Minimum Supporting Leverage	\$925,846,000.00	\$.00	\$.00
Minimum Direct Leverage	\$146,820,899.00	\$.00	\$.00
Limit on Public Services	\$8,141,603.85	\$.00	\$.00
Limit on Admin/Planning	\$12,380,665.59	\$12,383,323.00	\$7,518,010.93
Limit on Admin	\$.00	\$2,713,868.00	\$1,681,670.20
Most Impacted and Distressed	\$54,277,359.00	\$.00	\$7,443,693.56

Overall Progress Narrative:

During the second quarter of 2022 CTDOH along with the project team continued a regimented schedule of coordination meetings with CTDEEP and other state agencies, City of Bridgeport departments, stakeholders, and the community. For Administration, the project management consultant team continues to support all aspects of administration including procurement, finance, audit, monitoring, document storage, environmental review, and construction. In the third quarter of 2022, the team will continue the project outreach to stakeholders and state and federal agencies and will included continue coordination with the Bassick High School project adjacent to the Flood Risk Reduction Project (FRRP) and stakeholder outreach. The CLOMR application was completed and submitted to FEMA on February 1, 2022, and continued coordination with FEMA and the City of Bridgeport is ongoing. Coordination has been ongoing with City Departments regarding O&M related to FRRP and RBD projects.

Project Summary

Project #, Project Title	This Report Program Funds Drawdown	To Date Project Funds Budgeted	Program Funds Drawdown
LTC, Long Term Commitment	\$0.00	\$0.00	\$0.00

NDR-ADMIN-26336, Administration	\$60,982.51	\$2,713,868.00	\$1,681,670.20
NDR-BPT-, Bridgeport South End	\$11,791.00	\$42,574,036.00	\$8,218,190.42
NDR-CCRP-, Connecticut Connections Coastal Resilience	\$262,043.54	\$8,989,455.00	\$5,652,375.73
OV, Outcome Values	\$0.00	\$0.00	\$0.00
SL, Supporting Leverage	\$0.00	\$0.00	\$0.00

Activities

Project # /	NDR-ADMIN-26336 / Administration
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Grantee Activity Number: NDR-ADMIN
Activity Title: Administration

Activity Type: Administration	Activity Status: Under Way
Project Number: NDR-ADMIN-26336	Project Title: Administration
Projected Start Date: 02/08/2017	Projected End Date: 09/30/2022
Benefit Type: N/A	Completed Activity Actual End Date:
National Objective: NA	Responsible Organization: STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2022	To Date
Total Projected Budget from All Sources	\$0.00	\$2,713,868.00
Total Budget	\$0.00	\$2,713,868.00
Total Obligated	\$60,982.51	\$1,681,670.20
Total Funds Drawdown	\$60,982.51	\$1,681,670.20
Program Funds Drawdown	\$60,982.51	\$1,681,670.20
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$60,982.51	\$1,681,670.20
STATE OF CONNECTICUT	\$60,982.51	\$1,681,670.20
Most Impacted and Distressed Expended	\$60,982.51	\$60,982.51

Activity Description:

Grant Administration activities to ensure that the program deadlines are met and all HUD regulations are followed in achieving the desired outcomes of the other projects.

Location Description:

Statewide

Activity Progress Narrative:

The program management (PM) consultant continues to provide support for all aspects of the program grant. As the liaison between the project consultants and CTDOH they have established a document management system that will house all aspects of the program including contracts, submittals, reports and registers and financials. The PM has established and continues to maintain efficient workflows that will allow for full tracking of all program components. During Q1 the 90% submission for FRRP and RBD were received. All files were properly catalogued and filed within the document management system. As additional review and supporting documents are received, they are catalogued in a similar fashion. The PM continues to review and process consultant invoices and submitting them to CTDOH for final review and approval. As the grantee, CTDOH has full and final oversight of all aspects of the program and the PM team reports directly to CTDOH.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
Department of Energy and Environmental Protection	\$25,000,000.00
Department of Transportation	\$1,000,000.00
Office of Policy and Management	\$350,000.00
University of Connecticut, CT Institute for Resilience and Climate Adaptation	\$1,200,000.00
Subtotal Match Sources	

Activity Supporting Documents: None

Project # / NDR-BPT- / Bridgeport South End

Grantee Activity Number: NDR-BPT-Berm - 2066128

Activity Title: Earthen Berm

Activity Type:
Dike/dam/stream-river bank repairs

Project Number:
NDR-BPT-

Projected Start Date:
02/08/2017

Benefit Type:
Area (Census)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
Bridgeport South End

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2022	To Date
Total Projected Budget from All Sources	\$0.00	\$35,630,036.00
Total Budget	\$0.00	\$35,630,036.00
Total Obligated	\$10,022.37	\$6,832,158.87
Total Funds Drawdown	\$10,022.37	\$6,832,158.87
Program Funds Drawdown	\$10,022.37	\$6,832,158.87
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$10,022.37	\$6,832,188.87
STATE OF CONNECTICUT	\$10,022.37	\$6,832,188.87
Most Impacted and Distressed Expended	\$10,022.37	\$5,952,985.65

Activity Description:

Construct an accredited flood protection line linking the redevelopment of 60 Main Street, the new elevated natural gas-fired power plant, and downtown, removing the eastern South End’s critical infrastructure and low-moderate income housing and historic districts from the 100-year flood plain and reinforcing the connection between the Downtown and South End neighborhoods.

Location Description:

City of Bridgeport’s South End

Activity Progress Narrative:

Designer received CTDOT comments on 90% final design documents. Comment from DEEP and City of Bridgeport still pending. Designer began addressing CTDOT comments in final design documents. Bi-weekly conference calls were conducted with CT DOH, CT DOT and the Design Team to coordinate issues and review design status. Meeting with FEMA to review CLOMR occurred this quarter. Coordination meetings were conducted with CT DEEP, City of Bridgeport and the Bassick High School team. Geotech program on hold pending obtaining access to adjacent private properties. Efforts are underway to resolve questions of acquisition of rights-of-way, long-term ownership of the facilities and plan for operations and maintenance. Preparation of environmental permit applications continued this period. Utility company coordination is on hold pending resolution of statutory questions by the involved Connecticut state agencies who are working to review applicable state statutes and determine the path forward regarding this issue.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/3500
# of Linear miles of Public	0	0/1
# of public facilities	0	0/1

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:	None
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Grantee Activity Number: NDR-BPT-ResCtr - 2066127

Activity Title: Resilience Center

Activity Type:
Rehabilitation/reconstruction of public facilities

Project Number:
NDR-BPT-

Projected Start Date:
02/02/2017

Benefit Type:
Area (Census)

National Objective:
Low/Mod

Activity Status:
Under Way

Project Title:
Bridgeport South End

Projected End Date:
09/30/2022

Completed Activity Actual End Date:

Responsible Organization:
STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2022	To Date
Total Projected Budget from All Sources	\$0.00	\$1,000,000.00
Total Budget	\$0.00	\$1,000,000.00
Total Obligated	\$282.98	\$191,071.19
Total Funds Drawdown	\$282.98	\$191,071.19
Program Funds Drawdown	\$282.98	\$191,071.19
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$282.98	\$191,071.19
STATE OF CONNECTICUT	\$282.98	\$191,071.19
Most Impacted and Distressed Expended	\$282.98	\$166,138.05

Activity Description:

Construct a design center in the South End to operate as a community center and provide a central location for providing information to the community and assist the community in future recovery efforts.

Location Description:

City of Bridgeport's South End

Activity Progress Narrative:

During Final Design, the team will contribute to the collaborative understanding of how NDR funding to the Freeman Houses will be used to create space and programming reflective of the proposed resilience center status of Freeman Houses. No Design Team activity this quarter.

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None



Grantee Activity Number: NDR-BPT-Univ-2066126
Activity Title: University Ave

Activity Type: Construction/reconstruction of streets	Activity Status: Under Way
Project Number: NDR-BPT-	Project Title: Bridgeport South End
Projected Start Date: 02/08/2017	Projected End Date: 09/30/2022
Benefit Type: Area (Census)	Completed Activity Actual End Date:
National Objective: Low/Mod	Responsible Organization: STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2022	To Date
Total Projected Budget from All Sources	\$0.00	\$5,264,000.00
Total Budget	\$0.00	\$5,264,000.00
Total Obligated	\$1,485.65	\$1,010,995.36
Total Funds Drawdown	\$1,485.65	\$1,010,995.36
Program Funds Drawdown	\$1,485.65	\$1,010,995.36
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$1,485.65	\$1,010,995.36
STATE OF CONNECTICUT	\$1,485.65	\$1,010,995.36
Most Impacted and Distressed Expended	\$1,485.65	\$880,666.41

Activity Description:

Raise University Avenue from Myrtle Avenue to 60 Main Street to serve as a dry egress corridor for the redevelopment of 60 Main Street and other properties.

Location Description:

City of Bridgeport's South End

Activity Progress Narrative:

Designer received CTDOT comments on 90% final design documents. Comment from DEEP and City of Bridgeport still pending. Designer began addressing CTDOT comments in final design documents. Bi-weekly conference calls were conducted with CT DOH, CT DOT and the Design Team to coordinate issues and review design status. Meeting with FEMA to review CLOMR occurred this quarter. Coordination meetings were conducted with CT DEEP, City of Bridgeport and the Bassick High School team. Geotech program on hold pending obtaining access to adjacent private properties. Efforts are underway to resolve questions of acquisition of rights-of-way, long-term ownership of the facilities and plan for operations and maintenance. Preparation of environmental permit applications continued this period. Utility company coordination is on hold pending resolution of statutory questions by the involved Connecticut state agencies who are working to review applicable state statutes and determine the path forward regarding this issue.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Linear feet of Public	0	0/1310
# of Linear miles of Public	0	0/1

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
Department of Economic and Community Development	\$2,365,000.00
Subtotal Match Sources	

Activity Supporting Documents: None

Project # / NDR-CCRP- / Connecticut Connections Coastal Resilience

Grantee Activity Number: NDR-CCCRP-Coastal - 2066131
Activity Title: Connecticut Connections Coastal Resilience Plan

Planning

NDR-CCRP-

02/08/2017

Area (Census)

NA

Under Way

Connecticut Connections Coastal Resilience Plan

09/30/2022

STATE OF CONNECTICUT

Overall	Apr 1 thru Jun 30, 2022	To Date
Total Projected Budget from All Sources	\$0.00	\$8,989,455.00
Total Budget	\$0.00	\$8,989,455.00
Total Obligated	\$262,043.54	\$5,652,375.73
Total Funds Drawdown	\$262,043.54	\$5,652,375.73
Program Funds Drawdown	\$262,043.54	\$5,652,375.73
Program Income Drawdown	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
Total Funds Expended	\$262,043.54	\$5,652,375.73
STATE OF CONNECTICUT	\$262,043.54	\$5,652,375.73
Most Impacted and Distressed Expended	\$262,043.54	\$262,043.54

Develop a regional coastal resilience plan covering the MID-URN geography of Fairfield and New Haven Counties including modeling of the future impacts of flooding to critical facilities.

All of Fairfield and New Haven Counties

In this Quarter, the Resilient Connecticut team released an RFP for consultant support teams to participate in the Phase III planning process. Teams have been assigned to each project area and will commence work in the 3rd quarter of 2022. The final report for Phase II has been posted and endorsed by executive boards in West COG, NVCOG, and SCRCOG. The Resilient Connecticut website has been updated with all Phase II reports, summary pages and story maps for each Phase III project, and new resources, including several new white papers, for the resilience tools and trainings.

Planning

In this quarter, the CIRCA team released a Request for Proposals (RFP) to solicit consultant support teams for the 7 project planning areas to be the focus of Phase III of Resilient Connecticut. Following the RFP, a selection committee reviewed and ranked proposals, and assigned teams for each project area. The following consultant teams will lead the Phase III planning process for each location respectively: Danbury (Fuss & O'Neill), Fair Haven (Fuss & O'Neill), Branford (Fuss & O'Neill), South Norwalk (AECOM), Downtown Fairfield (AECOM), Ansonia (AECOM), and South End Stratford (GZA). Work will commence for each Phase III project in the next quarter.

In addition the Planning Team put the final Resilient Connecticut Phase II report (including the map portfolio of 20 Resilience Opportunity Areas (ROARs) on a new Phase II webpage. The ROARs represent the intersection of climate-induced flooding and heat risks with vulnerable populations and planning priorities such as affordable housing, transit-oriented development, wastewater infrastructure, and drinking water infrastructure. This webpage also includes a link to four ESRI Story Maps highlighting the ROARs identified throughout the four COG regions in Fairfield and New Haven Counties that participated in Resilient Connecticut – WestCOG, MetroCOG, SCRCOG, and NVCOG. Municipalities and residents can use these interactive Story Maps to explore neighborhoods with strong potential for climate resilience projects alongside map layers that can be switched on to display measures of flood and heat vulnerability, social vulnerability, and other planning investments in each area. After presentations by CIRCA staff, the West COG, NVCOG, and SCRCOG boards, comprised of the region’s chief elected officials, officially endorsed the Phase II report. Endorsement by Metro COG is anticipated later this summer.

The Resilient Connecticut website also has a new page that explains Phase III of the project in more detail so users can learn about the seven specific projects chosen for detailed analysis and implementation in the two counties. On June 22nd, CIRCA hosted a webinar for the public to learn about and ask questions for these seven projects chosen in New Haven and Fairfield Counties. A recording of the webinar can be found [here](#). Participants heard an overview of each project including the implementation strategies and how they will be evaluated including historic and environmental permitting considerations, as well as a cost estimates, funding pathways, and coordination and alignment with Federal and State climate resilience programs.

Engagement

CIRCA continues to work with faculty and a legal fellow from the UConn School of Law to develop policy and guidance white papers and fact sheets that will help communities implement CT PA 21-115. The following products have been completed as part of this work:

- Stormwater Authority Fact Sheets:
 - o Stormwater and Climate Resilience (Fact Sheet 1) - This first of two fact sheets describes what a stormwater authority is and outlines steps a municipality can take to establish an authority. Projects that can be funded with these fees are described and a model ordinance to enable an authority is included.
 - o Next Steps to Create a Municipal Stormwater Authority (Fact Sheet 2) - Once a community has conducted the feasibility study and determined how a stormwater authority would provide needed funding, the next critical steps are to determine how fees will be assessed and to establish a separate stormwater enterprise fund. By carefully crafting the ordinances needed for these steps, a municipality can avoid legal challenges.
- Elevation of Critical Facilities Fact Sheet: To help determine how critical structures are subject to different standards regarding flood protection measures, CIRCA and UConn CEEL published a new white paper in our Sea Level Rise Policy White Paper Series: Floodplain Building Elevation Standards for Critical Facilities and Activities.
- Resilience Planning Inventory: Working with a student intern, CIRCA has updated a statewide inventory of plans. This product is important since many communities have begun to address the impacts of flooding, sea-level rise and climate change through planning initiatives such as Plans of Conservation and Development (POCD), Natural Hazard Mitigation Plans (NHHMP), and Coastal Resilience Plans (CRP).

In addition, the legal team has begun their work to create materials that will help municipalities better understand local zoning approaches for resilience with topics including: Transfer Development Rights, Overlay Districts, Prohibit Substantial Improvement to Non-Conforming Uses/Structures in Flood Prone Areas, Urban Heat, and Maximum Lot coverage. Additionally, CIRCA released a Resilience White Paper entitled, “Emergency Sheltering & Cooling Center Practices in Connecticut” co-written with the CT Department of Health. This research and white paper highlighted several key considerations for local sheltering practice during extreme events like heat waves, major storms, or other significant disruptions that require sheltering. CIRCA is making progress on products tailored to the needs of Connecticut communities. Primary efforts have been directed to needs that have been identified through municipal outreach, mixed methods research, and other stakeholder outreach. CIRCA staff have partnered with the Yale Center on Climate Change & Health to finalize a “heat toolkit” and CIRCA is sponsoring a UConn intern to develop local planning factsheets to guide municipalities based on climate adaptation planning activities identified during the inventory process.

Technical Supporting Activities

The research team has continued to prepare modeling and data transfer materials for the consultant teams that will work on the Phase III site planning efforts. The deliverable package includes flood risk modeling comparisons, validations, and accuracy statements, and flood level results for storm surges, waves with sea-level rise and tidal fluctuations, and riverine flooding scenarios. In addition, as part of the field work program, heat sensors have been deployed in strategic locations throughout Norwalk and Danbury in partnership with city staff in each municipality. These sensors will collect temperature and relative humidity data through the hottest summer months to inform the heat mitigation options developed by the Phase III planning teams, and to inform ongoing research related to mapping heat islands in vulnerable communities in Connecticut.

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of community engagement	0	6/15
# of Plans or Planning Products	0	0/1

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

Match Sources	Amount
Department of Economic and Community Development	\$30,350,000.00
Department of Transportation	\$81,400,000.00
Subtotal Match Sources	

Activity Supporting Documents: None