

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
BROWNFIELDS QUARTERLY PROGRESS REPORT**

QUARTERLY REPORT NO. 4

**REPORTING PERIOD:
OCTOBER 1, 2012 THROUGH DECEMBER 31, 2012**

for

**CHARTER TOWNSHIP OF REDFORD, MICHIGAN
COOPERATIVE AGREEMENT
CA# BF-00E00404-0**

JANUARY 29, 2013

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Modifications To The Work Plan	1
2.0 ACTIVITIES FUNDED UNDER BROWNFIELDS ASSESSMENT GRANT	1
2.1 Petroleum Site Assessments.....	1
2.2 Hazardous Substances Site Assessments	3
3.0 ACTIVITIES FUNDED BY OTHER LEVERAGED SOURCES.....	4
3.1 Petroleum Site Assessments.....	4
3.2 Hazardous Substances Site Assessments	4
4.0 ANTICIPATED GRANT-FUNDED ACTIVITIES FOR NEXT QUARTER.....	5
5.0 BUDGET STATUS	5
5.1 Petroleum Grant	5
5.2 Hazardous Substances Grant.....	5

ATTACHMENTS:

Table 1 – Quarterly Budget Reports #4, #3 (Revised), and #2 (Revised) – Community Wide Brownfield Petroleum Assessment Grant – Charter Township of Redford

Table 2 – Quarterly Budget Report # 4 – Community Wide Brownfield Hazardous Substances Assessment Grant – Charter Township of Redford

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
BROWNFIELDS QUARTERLY PROGRESS REPORT**

**THE CHARTER TOWNSHIP OF REDFORD
HAZARDOUS SUBSTANCES AND PETROLEUM
BROWNFIELDS ASSESSMENT GRANTS
COOPERATIVE AGREEMENT #BF-00E00404-0**

**Quarterly Report No. 4
October 1, 2012 through December 31, 2012**

1.0 INTRODUCTION

The Charter Township of Redford (the Township) prepared this Quarterly Progress Report to document activities under the Township's U.S. EPA Hazardous Substances and Petroleum Brownfields Assessment Grant Project (Grant). This report outlines activities and key measures documented from October 1, 2012 through December 31, 2012.

1.1 MODIFICATIONS TO THE WORK PLAN

To date, the Township has not requested modifications to the approved Work Plan, dated May 27, 2010. All tasks reported within this Quarterly Report were conducted in accordance with the Township's work plan submitted to U.S. EPA.

2.0 ACTIVITIES FUNDED UNDER BROWNFIELDS ASSESSMENT GRANT

2.1 PETROLEUM SITE ASSESSMENTS

The following activities have been completed or are being completed under the Petroleum Assessment portion of the Grant. The referenced Tasks 1 through 6 reflect the tasks described in the aforementioned work plan for the project.

TASK 1 – Programmatic Responsibilities

Quarterly Report #4 was prepared for the period of October 1, 2012 through December 31, 2012.

TASK 2 – Community Outreach

No additional community involvement activities took place this quarter.

TASK 3 – Brownfields Site Inventory and Selection

No new sites were added to inventory in this quarter.

TASK 4 – Phase I Environmental Site Assessments (ESAs)

No Phase I ESAs were started or completed during this reporting period.

TASK 5 – Quality Assurance Project Plan (QAPP), Phase II ESAs, and Baseline Environmental Assessments (BEAs)

Hazardous substance and petroleum funding were used to conduct subsurface assessments at the former Ashcroft School. The following activities related to the assessment have been completed during this reporting period.

- The following Sampling and Analysis Plans (SAP) were prepared and submitted to the EPA.
 - *Sampling and Analysis Plan, Former Ashcroft School, 9501 Sioux Street, Redford, Michigan, dated September 18, 2012.*
 - *Sampling and Analysis Plan No. 2, Former Ashcroft School, 9501 Sioux Street,, Redford, Michigan, dated December 13, 2012.*
- The school district plans to demolish the building and then lease a portion of the Property to the Township to use as a public recreation park that will include playscapes, baseball diamonds, and soccer fields. A non-profit organization also plans to lease a portion of the Property to construct a community garden. Assessment activities included the following:
 - Samples were collected from locations selected to evaluate the potential for environmental impact from unknown and/or unreported release of hazardous substances and/or petroleum products associated with historical operations and chemical storage on the Property, and to evaluate existing shallow soil conditions in the area of the proposed community garden. Hazardous substance funds were used for this work.
 - A former heating oil UST was removed so that soil samples beneath the UST could be collected and analyzed. Petroleum funds were used for this work.
 - Results from the first assessment indicated that no analytes were detected above Michigan Part 201 Generic Residential Criteria in any of the soil and groundwater samples except for polynuclear aromatic hydrocarbons (PAHs) at the soil boring located next to an area of surficial oil staining. A second round of sampling was subsequently conducted in this area to delineate the extent of the soil impact associated with the oil stained area and collect pre-remedial VSR samples so that the impact can be excavated to pre-determined extent during proposed demolition activities. Petroleum funds were used for this work.

TASK 6 – Cleanup and Redevelopment Planning

During this reporting period, no Cleanup and Remediation Planning was initiated under the Petroleum Assessment Grant.

2.2 HAZARDOUS SUBSTANCES SITE ASSESSMENTS

The following activities have been completed or are being completed under the Hazardous Substances Assessment Grant. The referenced Tasks 1 through 6 reflect the tasks described in the aforementioned work plan for the project.

TASK 1 – Programmatic Responsibilities

Quarterly Report #4 was prepared for the period of October 1, 2012 through December 31, 2012.

TASK 2 – Community Outreach

No additional community involvement activities took place this quarter.

TASK 3 – Brownfields Site Inventory and Selection

No new sites were added to inventory in this quarter.

TASK 4 – Phase I Environmental Site Assessments (ESAs)

No Phase I ESAs were started or completed during this reporting period.

TASK 5 – Quality Assurance Project Plan (QAPP), Phase II ESAs and/or Hazardous Materials Assessments, and Baseline Environmental Assessments (BEAs)

Hazardous substance and petroleum funding were used to conduct subsurface assessments at the former Ashcroft School. Activities related to the assessment are summarized under Petroleum Site Assessments - Task 5.

TASK 6 – Cleanup and Redevelopment Planning

The Township, South Redford Schools, and consultant met with Wayne County on behalf of South Redford Schools to discuss asbestos abatement costs and a potential subgrant to assist with abatement activities at the former Ashcroft School site.

3.0 ACTIVITIES FUNDED BY OTHER LEVERAGED SOURCES

3.1 PETROLEUM SITE ASSESSMENTS

There were no activities funded by other leveraged sources associated with the Petroleum Assessment Grant during this reporting period.

3.2 HAZARDOUS SUBSTANCES SITE ASSESSMENTS

There were no activities funded by other leveraged sources associated with the Hazardous Substances Assessment Grant during this reporting period.

4.0 ANTICIPATED GRANT-FUNDED ACTIVITIES FOR NEXT QUARTER

The following activities are anticipated during the next Quarterly Reporting Period (January 1, 2013 through March 31, 2013):

- Petroleum Assessment Grant
 - Phase II ESA – Ashcroft School (additional subsurface assessment)
 - Phase II ESA report – Ashcroft School
- Hazardous Substances Assessment Grant
 - Additional Phase I ESAs
 - Completion of Phase II ESA and Incremental Sampling Method (ISM) reports – Ashcroft School

5.0 BUDGET STATUS

5.1 PETROLEUM GRANT

The expenditures incurred during this reporting period were \$25,889.42. See the attached *Table 1, Quarterly Budget Report, Community Wide Brownfield Petroleum Assessment Grant, Charter Township of Redford*, for the period of October 1, 2012 through December 31, 2013.

Task 4 expenditures were incorrectly reported in the 2nd Quarterly Report (April 1, 2012 – June 30, 2012). Task 4 and Task 5 expenditures were incorrectly reported in the 3rd Quarterly Report (July 1, 2012 – September 30, 2012). The correct values are highlighted on the attached 2nd and 3rd Quarterly budget summary tables.

5.2 HAZARDOUS SUBSTANCES GRANT

The expenditures incurred during this reporting period were \$31,749.20. See the attached *Table 2, Quarterly Budget Report, Community Wide Brownfield Hazardous Substances Assessment Grant, Charter Township of Redford*, for the period of October 1, 2012 through December 31, 2013.

TABLE 1
Quarterly Budget Report #4
Community Wide Brownfield Petroleum Assessment Grant
Charter Township of Redford

Cooperative Agreement #BF-00E00404-0
 October 1, 2012 - December 31, 2012

Budget: Petroleum (\$200,000)

Budget Categories	Task 1: Programmatic Responsibilities			Task 2: Community Outreach			Task 3: Brownfield Site Inventory and Selection					
	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining			
Personnel	\$1,000.00		\$1,000.00			\$0.00	\$0.00	\$0.00	\$0.00			
Travel	\$2,000.00		\$2,000.00	\$0.00		\$0.00	\$250.00	\$250.00	\$0.00			
Supplies	\$0.00		\$0.00	\$750.00		\$750.00	\$0.00	\$0.00	\$0.00			
Contractual	\$1,000.00	\$0.00	\$1,000.00	\$2,000.00	\$1,949.28	\$50.72	\$7,000.00	\$3,303.73	\$3,696.27			
Total	\$4,000.00	\$0.00	\$4,000.00	\$2,750.00	\$1,949.28	\$800.72	\$7,250.00	\$3,303.73	\$3,946.27			
				Task 4: Phase I ESAs			Task 5: QAPP, Phase II ESAs and/or Hazardous Materials Assessments, and BEAs			Task 6: Cleanup and Redevelopment Planning		
				\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining
Personnel				\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00
Travel				\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00
Supplies				\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00
Contractual				\$27,500.00	\$0.00	\$27,500.00	\$150,500.00	\$25,889.42	\$144,610.58	\$8,000.00	\$0.00	\$8,000.00
Total				\$27,500.00	\$0.00	\$27,500.00	\$150,500.00	\$25,889.42	\$124,610.58	\$8,000.00	\$0.00	\$8,000.00

TOTALS		
\$ Budgeted	Cost Incurred this Quarter	\$ Remaining
\$1,000.00		\$1,000.00
\$2,250.00		\$2,250.00
\$750.00		\$750.00
\$196,000.00	\$25,889.42	\$170,110.58
\$200,000.00	\$25,889.42	\$174,110.58

TABLE 1
Quarterly Budget Report #3 (REVISED)
Community Wide Brownfield Petroleum Assessment Grant
Charter Township of Redford

Cooperative Agreement #BF-00E00404-0
 July 1, 2012 - September 30, 2012

Budget: Petroleum (\$200,000)

Budget Categories	Task 1: Programmatic Responsibilities			Task 2: Community Outreach			Task 3: Brownfield Site Inventory and Selection					
	\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining
Personnel	\$1,000.00			\$1,000.00				\$0.00	\$0.00			\$0.00
Travel	\$2,000.00			\$2,000.00	\$0.00			\$0.00	\$250.00			\$250.00
Supplies	\$0.00			\$0.00	\$750.00			\$750.00	\$0.00			\$0.00
Contractual	\$1,000.00		\$0.00	\$1,000.00	\$2,000.00	\$1,949.28		\$50.72	\$7,000.00	\$453.20	\$3,303.73	\$3,696.27
Total	\$4,000.00	\$0.00	\$0.00	\$4,000.00	\$2,750.00	\$1,949.28		\$800.72	\$7,250.00	\$453.20	\$3,303.73	\$3,946.27
					Task 5: QAPP, Phase II ESAs and/or Hazardous Materials Assessments, and BEAS							
					\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining
Personnel					\$0.00			\$0.00	\$0.00			\$0.00
Travel					\$0.00			\$0.00	\$0.00			\$0.00
Supplies					\$0.00			\$0.00	\$0.00			\$0.00
Contractual		\$200.00	\$6,905.58	\$20,591.42	\$150,500.00	\$26,868.36	\$75,560.79	\$74,939.21	\$8,000.00	\$0.00	\$0.00	\$8,000.00
Total	\$27,500.00	\$200.00	\$6,905.58	\$20,591.42	\$150,500.00	\$26,868.36	\$75,560.79	\$74,939.21	\$8,000.00	\$0.00	\$0.00	\$8,000.00

TOTALS		
\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date
\$1,000.00		\$1,000.00
\$2,250.00		\$2,250.00
\$750.00		\$750.00
\$196,000.00	\$27,521.56	\$87,722.38
\$200,000.00	\$27,521.56	\$87,722.38

TABLE 1
Quarterly Budget Report #2 (REVISED)
Community Wide Brownfield Petroleum Assessment Grant
Charter Township of Redford

Cooperative Agreement #BF-00E00404-0
 April 1, 2012 - June 30, 2012

Budget: Petroleum (\$200,000)

Budget Categories	Task 1: Programmatic Responsibilities			Task 2: Community Outreach			Task 3: Brownfield Site Inventory and Selection		
	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining
Personnel	\$1,000.00		\$1,000.00			\$0.00	\$0.00	\$0.00	\$0.00
Travel	\$2,000.00		\$2,000.00	\$0.00		\$0.00	\$250.00	\$250.00	\$0.00
Supplies	\$0.00		\$0.00	\$750.00		\$750.00	\$0.00	\$0.00	\$0.00
Contractual	\$1,000.00	\$0.00	\$1,000.00	\$2,000.00	\$1,949.28	\$50.72	\$7,000.00	\$938.59	\$4,149.47
Total	\$4,000.00	\$0.00	\$4,000.00	\$2,750.00	\$1,949.28	\$800.72	\$7,250.00	\$938.59	\$4,399.47
				Task 5: QAPP, Phase II ESAs and/or Hazardous Materials Assessments, and BEAs			Task 6: Cleanup and Redevelopment Planning		
				Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining	Cost Incurred this Quarter	Cost Incurred to Date	\$ Remaining
Personnel	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00
Travel	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00
Supplies	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00		\$0.00
Contractual	\$27,500.00	\$3,358.58	\$20,791.42	\$150,500.00	\$20,418.39	\$101,807.57	\$8,000.00	\$0.00	\$8,000.00
Total	\$27,500.00	\$3,358.58	\$20,791.42	\$150,500.00	\$20,418.39	\$101,807.57	\$8,000.00	\$0.00	\$8,000.00

TOTALS		
\$ Budgeted	Cost Incurred this Quarter	Cost Incurred to Date
\$1,000.00		\$1,000.00
\$2,250.00		\$2,250.00
\$750.00		\$750.00
\$196,000.00	\$26,664.84	\$60,200.82
\$200,000.00	\$26,664.84	\$60,200.82

TABLE 2
Quarterly Budget Report #4
Community Wide Brownfield Hazardous Substances Assessment Grant
Charter Township of Redford

Cooperative Agreement #BF-00E00404-0
 October 1, 2012 - December 31, 2012

Budget: Hazardous Substances (\$200,000)

Budget Categories	Task 1: Programmatic Responsibilities			Task 2: Community Outreach			Task 3: Brownfield Site Inventory and Selection		
	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining
Personnel	\$1,000.00		\$1,000.00			\$0.00	\$0.00	\$0.00	\$0.00
Travel	\$2,000.00		\$2,000.00	\$0.00		\$0.00	\$0.00	\$250.00	\$250.00
Supplies	\$0.00		\$0.00	\$750.00		\$750.00	\$0.00	\$0.00	\$0.00
Contractual	\$1,000.00	\$0.00	\$1,000.00	\$2,000.00	\$0.00	\$2,000.00	\$7,000.00	\$0.00	\$4,848.07
Total	\$4,000.00	\$0.00	\$4,000.00	\$2,750.00	\$0.00	\$2,750.00	\$7,250.00	\$0.00	\$5,098.07
				Task 5: QAPP, Phase II ESAs and/or Hazardous Materials Assessments, and BEAS			Task 6: Cleanup and Redevelopment Planning		
				\$ Budgeted	Cost Incurred this Quarter	\$ Remaining	\$ Budgeted	Cost Incurred this Quarter	\$ Remaining
Personnel	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Travel	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Supplies	\$0.00		\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Contractual	\$27,500.00	\$0.00	\$19,759.82	\$150,500.00	\$29,993.05	\$44,380.99	\$8,000.00	\$1,756.15	\$6,243.85
Total	\$27,500.00	\$0.00	\$19,759.82	\$150,500.00	\$29,993.05	\$44,380.99	\$8,000.00	\$1,756.15	\$6,243.85

TOTALS		
\$ Budgeted	Cost Incurred this Quarter	\$ Remaining
\$1,000.00		\$1,000.00
\$2,250.00		\$2,250.00
\$750.00		\$750.00
\$196,000.00	\$31,749.20	\$56,029.25
\$200,000.00	\$31,749.20	\$143,970.75