Atlantic Richfield Company

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October 25, 2016

Lynda Deschambault
Remedial Project Manager, Superfund Division
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street, 10th Floor (SFD 7-1)
San Francisco, California 94105

Subject: **September 2016 Cultural Resource Monitoring for Expanded Area of Potential Effects**
Leviathan Mine Site
Alpine County, California

Dear Ms. Deschambault:

This letter summarizes the cultural resource monitoring activities conducted by Atlantic Richfield Company in September 2016 within the expanded Area of Potential Effects (APE) for the Leviathan Mine Site in Alpine County, California. Cultural resource monitoring associated with 2016 Remedial Investigation / Feasibility Study (RI/FS) ground disturbing field activities within the expanded APE is being performed in accordance with the Section 106 protocols (protocols) presented in the U.S. Environmental Protection Agency's (U.S. EPA) letter dated April 19, 2016. The protocols state that U.S. EPA "shall provide a monthly letter summary report to the consulting parties." In addition, "the monthly report will be provided to the parties within 30 days after the end of the reporting month, and will include a letter summarizing the month's activities and cultural resources found, and the actions taken to avoid any such resources." We understand that U.S. EPA will use the information provided in this letter to prepare the monthly letter summary report to the consulting parties.

The RI/FS is being conducted in accordance with the requirements of the Statement of Work attached to the *Administrative Order for Remedial Investigation and Feasibility Study, Comprehensive Environmental Response, Compensation, and Liability Act Docket No. 2008-18* issued by the U.S. EPA on June 23, 2008.

Provided below is a summary of RI/FS ground disturbing activities that were conducted within the expanded APE with a Washoe Tribal Monitor from September 1 through September 30, 2016.

- Plant and associated soil sampling were conducted along Bryant Creek in the Downstream Study Area and on Mountaineer Creek in the Reference Study Area (Figure 2). No cultural resource sites were observed.

- Floodplain soil sampling was conducted on the East Fork of the Carson River. Cultural resources were observed during this task. Amec Foster Wheeler will return to document the resources as the field schedule and weather permits, and completed site records will be submitted in a future monthly report or with the 2016 annual report (if monthly reports have been discontinued for the season).

- Drilling activity at LOC-38 was monitored for cultural resources from ground surface to 10 ft. below ground surface. No cultural resources were observed.

- Mine waste reference soil sampling investigations were conducted at several locations within the On-Property Study Area. Cultural resources were observed during this task. Amec Foster Wheeler will return to document the resources as the field schedule and weather permits, and completed site records will be submitted in a future monthly report or with the 2016 annual report (if monthly reports have been discontinued for the season).

Attached site records (on the relevant SHPO forms) and maps showing the locations of sampling activities and any cultural resources identified in September 2016 within the expanded APE are as follows:

- Sampling activities were conducted as presented on Figure 1A-1H (attached).

- The site record for the prehistoric resource identified adjacent to Cottonwood Creek is not yet complete; it will be submitted in the October 2016 monthly report if possible or in the 2016 annual report.

- The site records and maps for cultural resources observed during floodplain and mine waste reference sampling during September are in progress; they will be provided in the October 2016 monthly report if possible or in the 2016 annual report.

If you have any questions or comments, please feel free to contact me at (714) 228-6770 or anthony.brown@bp.com.

Sincerely,

Anthony R. Brown
Project Manager, Mining

Attachment(s):

Figure 1A-1H – September 2016 Sampling Locations

cc: Josh Wirtschafter – U.S. EPA Region 9 – via electronic copy
Lily Tavassoli – U.S. EPA Region 9 – via electronic copy
Greg Reller – Burleson Consulting, Inc. – via electronic copy
Nathan Block, Esq., BP – via electronic copy
Adam Cohen, Esq., Davis Graham & Stubbs, LLP – via electronic copy
Brian Johnson, Atlantic Richfield Company – via electronic copy
Marc R. Lombardi – Amec Foster Wheeler
Jason Cooper - Amec Foster Wheeler

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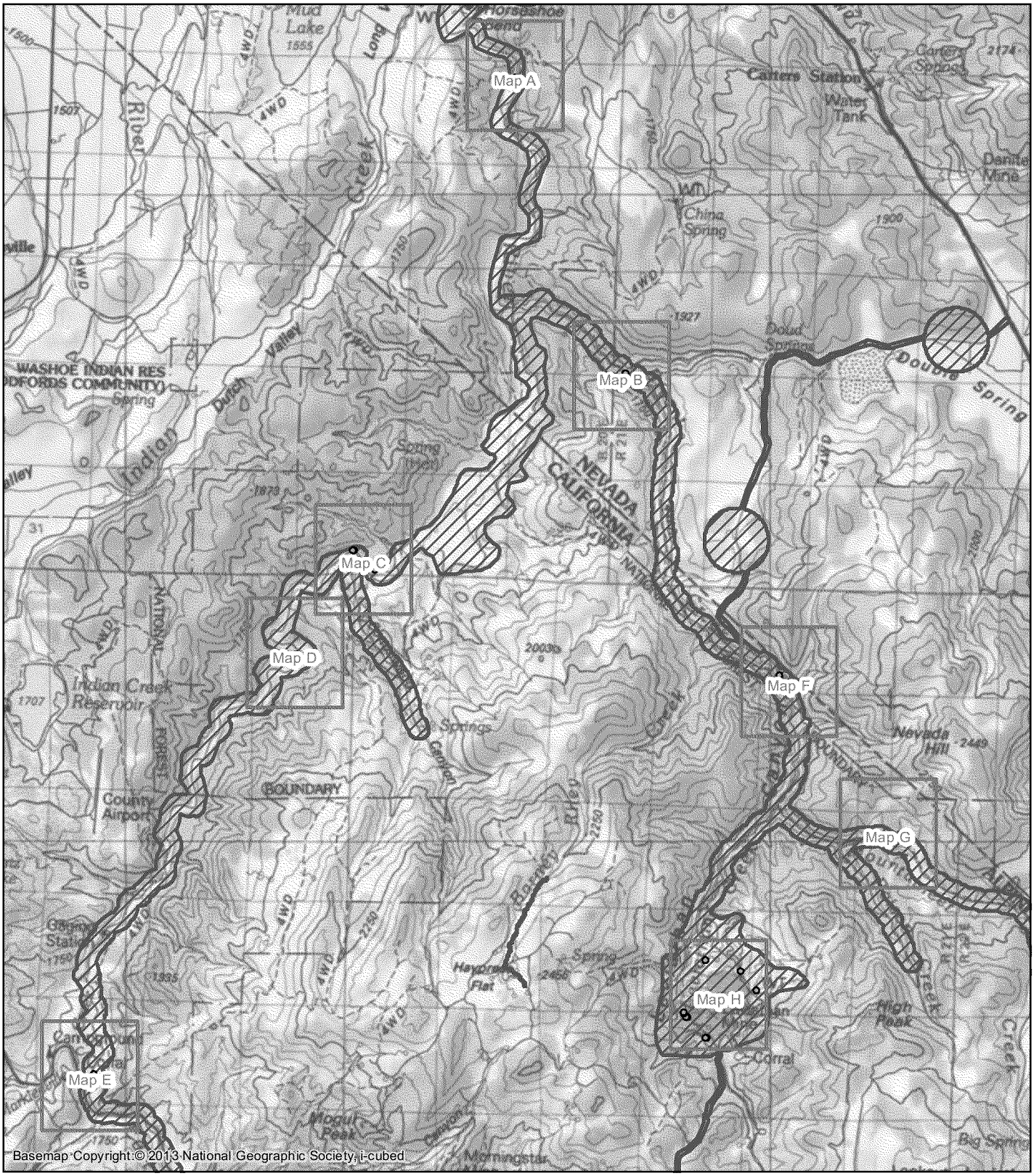
(258,016 4,303,125) Coordinates for Map Corners (273,958 4,303,125)



Basemap Copyright:© 2013 National Geographic Society, i-cubed

(258,016 4,285,021) UTM Zone 11N NAD83 (273,958 4,285,021)

0 1,000 2,000 4,000
Meters

N

1:85,107

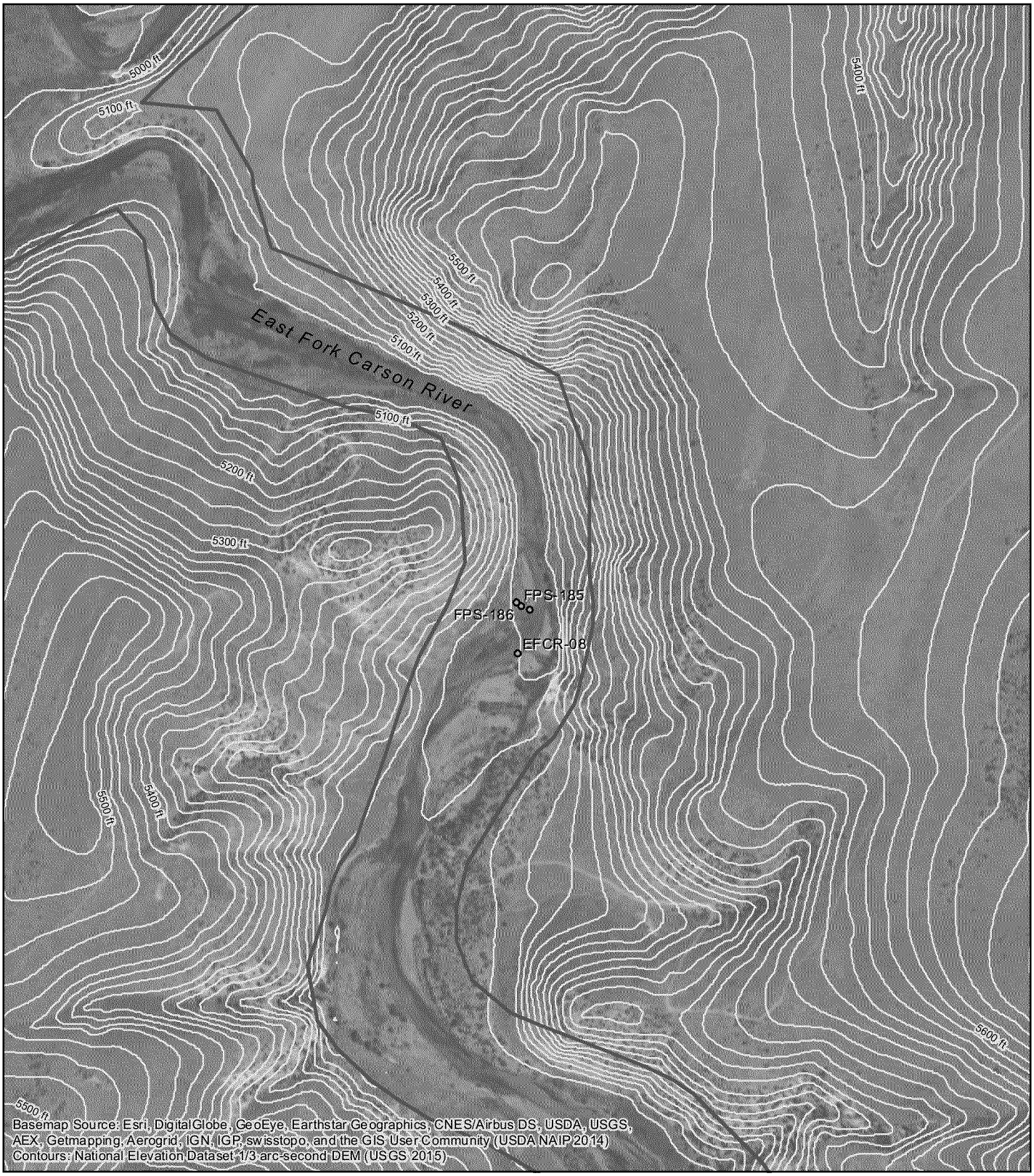
Project Data

- Sampling Location
- Map Extent
- Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1
September 2016 Sampling Locations
Map Key

(265,032 4,303,066) Coordinates for Map Corners (266,894 4,303,066)



(265,032 4,300,951) UTM Zone 11N NAD83 (266,894 4,300,951)

0 125 250 500
Meters

N

1:9,940

Project Data

Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1A
September 2016 Sampling Locations

(266,676 4,298,421) Coordinates for Map Corners (268,538 4,298,421)

(266,676 4,296,307) UTM Zone 11N NAD83 (268,538 4,296,307)

0 125 250 500
Meters

N

1:9,940

Project Data

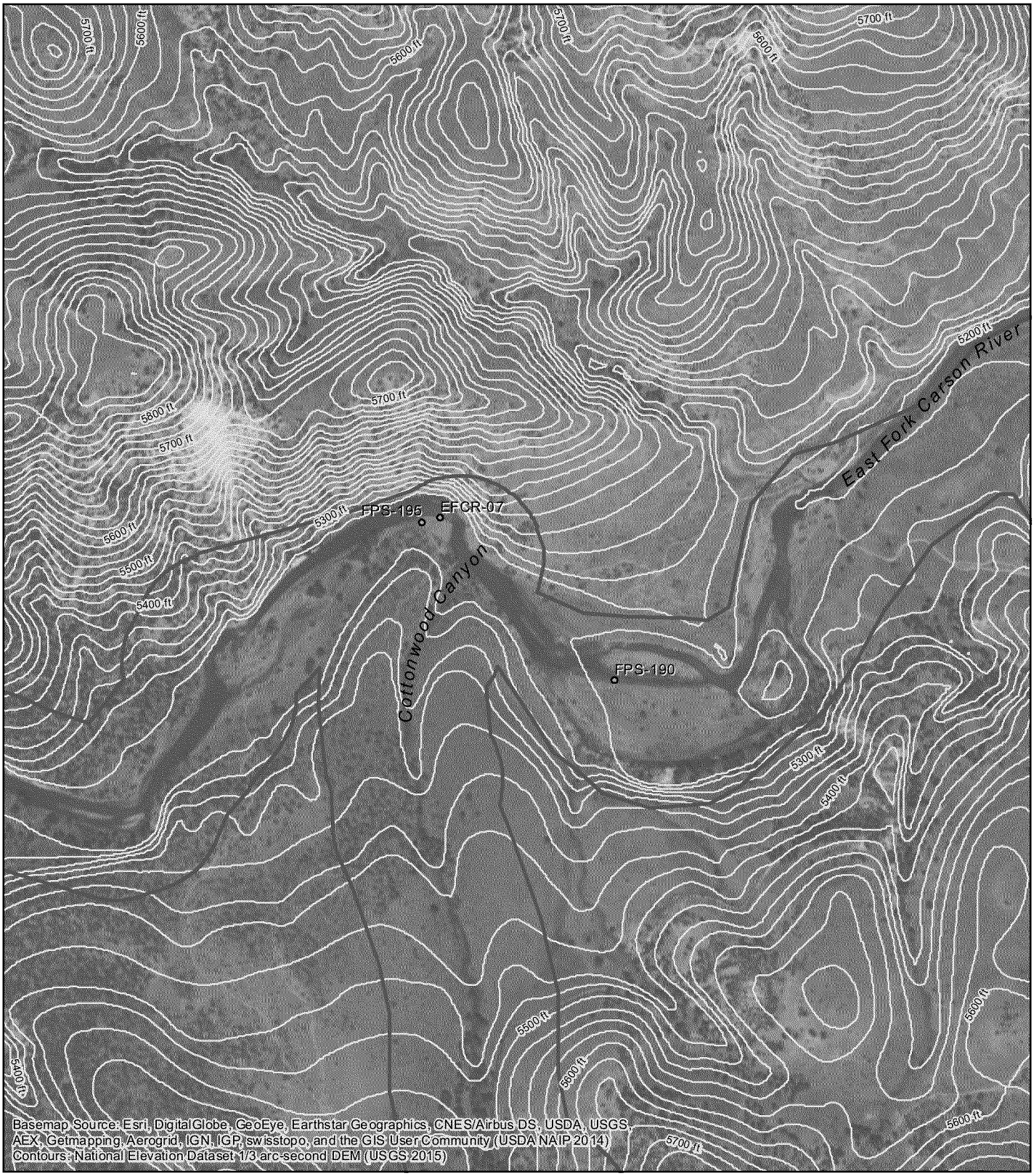
Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1B
September 2016 Sampling Locations

(262,684 4,295,577) Coordinates for Map Corners (264,546 4,295,577)



(262,684 4,293,463) UTM Zone 11N NAD83 (264,546 4,293,463)

0 125 250 500
Meters

N

1:9,940

Project Data

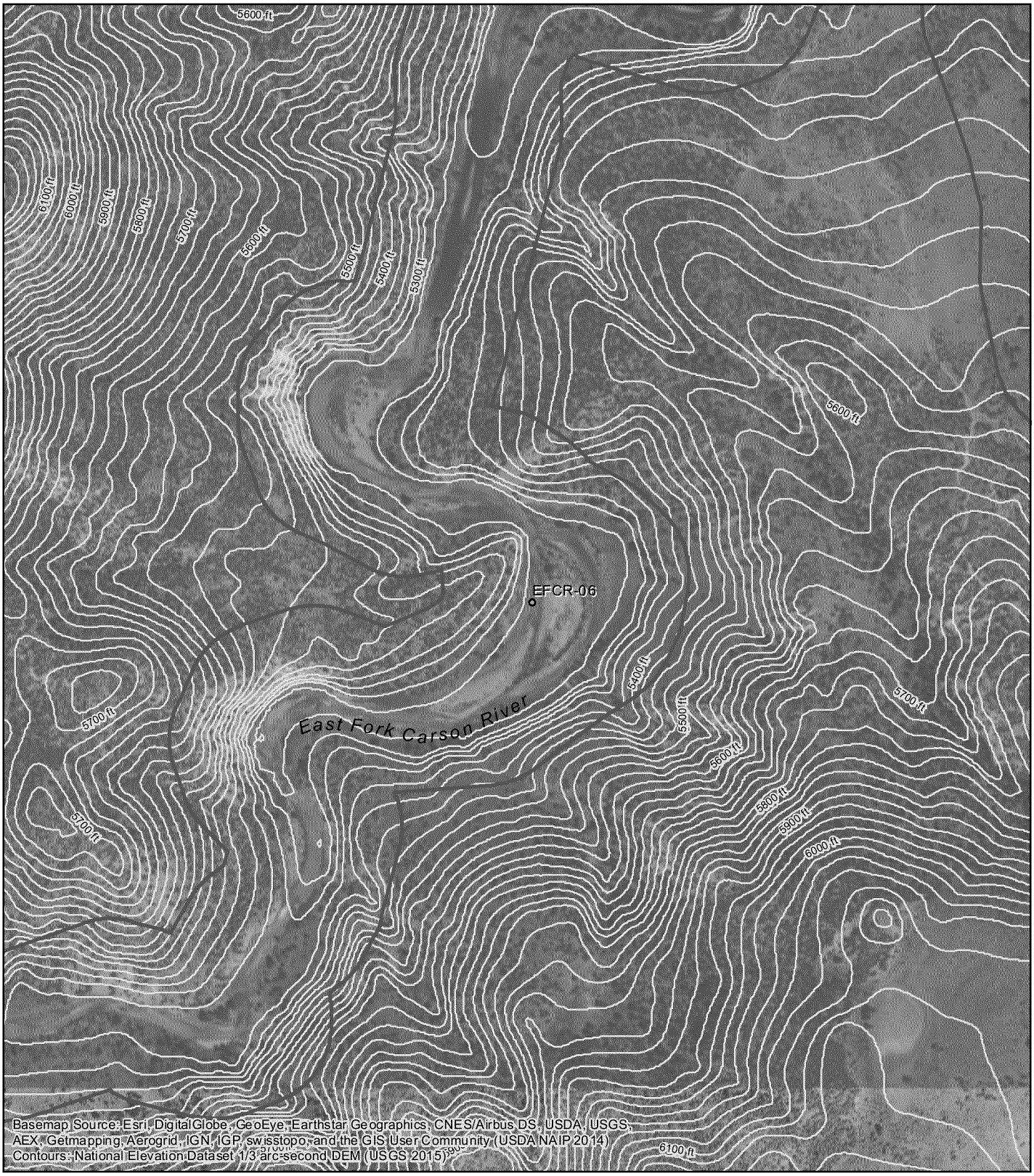
Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1C
September 2016 Sampling Locations

(261,614 4,294,116) Coordinates for Map Corners (263,476 4,294,116)



(261,614 4,292,002) UTM Zone 11N NAD83 (263,476 4,292,002)

0 125 250 500
Meters

N

1:9,940

Project Data

Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1D
September 2016 Sampling Locations

(258,431 4,287,567) Coordinates for Map Corners (260,293 4,287,567)

(258,431 4,285,453) UTM Zone 11N NAD83 (260,293 4,285,453)

0 125 250 500
Meters

N

1:9,940

Project Data

Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1E
September 2016 Sampling Locations

(269,285 4,293,673) Coordinates for Map Corners (271,147 4,293,673)

(269,285 4,291,558) UTM Zone 11N NAD83 (271,147 4,291,558)

0 125 250 500
Meters

N

1:9,940

Project Data

Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1F
September 2016 Sampling Locations

(270,824 4,291,324) Coordinates for Map Corners (272,686 4,291,324)

(270,824 4,289,210) UTM Zone 11N NAD83 (272,686 4,289,210)

0 125 250 500
Meters

1:9,940

Project Data

Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1G
September 2016 Sampling Locations

(268,189 4,288,820) Coordinates for Map Corners (270,051 4,288,820)

(268,189 4,286,705) UTM Zone 11N NAD83 (270,051 4,286,705)

0 125 250 500
Meters

1:9,940

Project Data

Sampling Location

Updated APE

Amec Foster Wheeler Project # 0013091132
Figure Date: October 25, 2016
Map By: TAM
Approved By: JDH

Figure 1H
September 2016 Sampling Locations