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February 9, 2012

Ms. Marlea Harmon
Chevron Environmental Management Company
6101 Bollinger Canyon Rd., Rm. 5228
San Ramon, California 94583-5186

Subject: **Remedial Evaluation Work Plan**
Chevron Site No. 352300
Tekoa, Washington

Dear Ms. Harmon:

SAIC Energy, Environment, and Infrastructure, LLC (SAIC) has prepared this work plan to describe proposed environmental activities at the site. SAIC is performing these environmental services under contract with Chevron Environmental Management Company (Chevron).

The objective of this assessment is to define the lateral extent of residual hydrocarbon-affected soil at the center and southeastern portion of the site (Figure 1). Historic data indicate hydrocarbon concentrations exceed Washington State Department of Ecology (Ecology), Model Toxics Control Act (MTCA) Method A cleanup levels. Data will be used to evaluate remedial options.

PROPOSED SCOPE OF WORK

SAIC proposes the following tasks as part of this scope of work.

- Perform an onsite utility locating survey;
- Complete approximately fifteen (15) soil borings at the center and southeastern portion of the site;
- Coordinate laboratory analyses of soil samples;
- Coordinate disposal of investigation derived waste; and
- Report preparation.

These tasks are described in detail below.

Site Assessment

UNDERGROUND UTILITY LOCATING

Prior to subsurface investigation activities, SAIC will arrange for the location of underground utilities by contacting the Utility Notification Center as well as a private utility locating service. SAIC will oversee utility locating in the areas of proposed boring locations.

SOIL BORINGS

SAIC recommends the completion of fifteen (15) onsite soil borings to further delineate surface soils at the center and southeastern portion of the site. Soil borings will be advanced to depths up to 10 feet below grade using hand auger or Geoprobe methods. Below is a summary of proposed boring locations (Figure 1).

- Boring in the vicinity of SB-9 (residual hydrocarbons): During the previous site assessments, samples were not submitted for laboratory analysis above 5 feet below grade. The data from this boring will be used to assess the upper soil to further define the excavation scope.
- Borings around the estimated residual soil with hydrocarbon concentrations greater than MTCA Level A delineation line: The data from these borings will further delineate the lateral extent of residual hydrocarbon-affected soil to evaluate the remedial excavation and sulfate enhancement application scope.

SOIL SAMPLING

Soil samples will be collected for analysis from each boring. At least two samples from each boring will be submitted for laboratory analyses; however, if field screening (FID, visual, olfactory) indicate the presence of hydrocarbons those sample intervals will be evaluated for submittal to the laboratory. Analyses consist of constuents detected in soil samples that were above MTCA Level A clean-up levels. Soil samples will be submitted

to Lancaster Laboratories in Lancaster, Pennsylvania and analyzed for the following constituents:

- Total petroleum hydrocarbons as gasoline by NWTPH-G;
- Total petroleum hydrocarbons as diesel and oil by NWTPH-Dx;
- Benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene and 1,2-dichloroethane (EDC) compounds by Environmental Protection Agency (EPA) Method 8260b; and
- Total lead using EPA Method 6010B.

WASTE COORDINATION

Soil cuttings, decontamination water, and groundwater generated during site assessment and monitoring activities will be contained in DOT approved drums which will be left on site in a discrete area for temporary storage. Following receipt of laboratory analytical data SAIC will coordinate with Conestoga Rovers and Associates to have the soil transported offsite for disposal.

REPORT PREPARATION

Following the completion of field activities and receipt of laboratory reports, SAIC will prepare a short letter report summarizing the findings of the field investigation. The data collected will be used to complete a site summary report and recommend remedial path forward. This report will be prepared and submitted to Chevron EMC within 60 days of receipt of the analytical results.

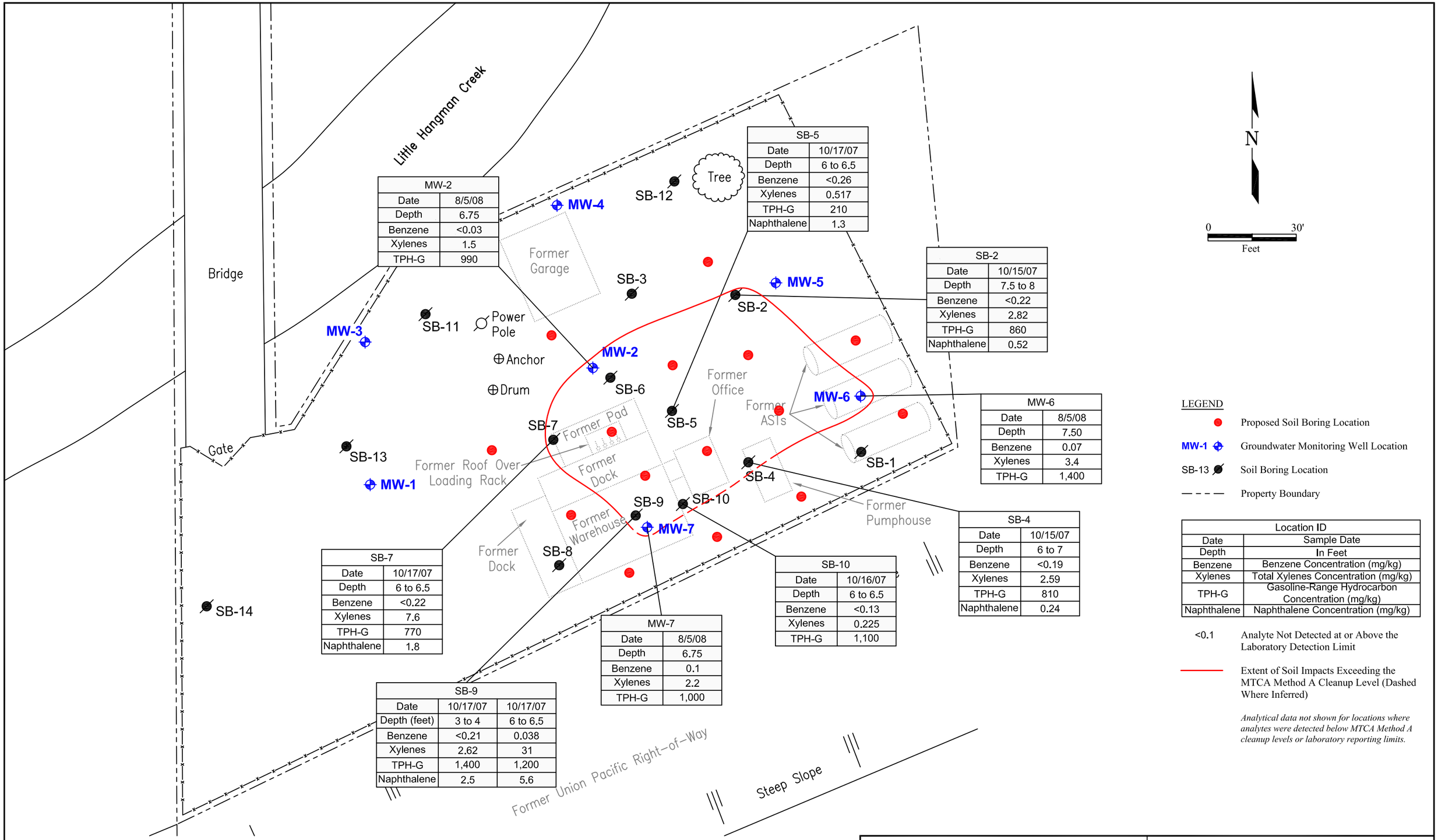
SAIC appreciates the opportunity to provide environmental services to Chevron. Please contact Ron Santos at (208) 429-3772 if you have any questions or would like to discuss this work plan in further detail.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Ronald Santos, PE
Senior Project Manager

Attachments: Figure 1 - Site Map with Proposed Soil Boring Locations



MW-2	
Date	8/5/08
Depth	6.75
Benzene	<0.03
Xylenes	1.5
TPH-G	990

SB-5	
Date	10/17/07
Depth	6 to 6.5
Benzene	<0.26
Xylenes	0.517
TPH-G	210
Naphthalene	1.3

SB-2	
Date	10/15/07
Depth	7.5 to 8
Benzene	<0.22
Xylenes	2.82
TPH-G	860
Naphthalene	0.52

MW-6	
Date	8/5/08
Depth	7.50
Benzene	0.07
Xylenes	3.4
TPH-G	1,400

SB-4	
Date	10/15/07
Depth	6 to 7
Benzene	<0.19
Xylenes	2.59
TPH-G	810
Naphthalene	0.24

SB-10	
Date	10/16/07
Depth	6 to 6.5
Benzene	<0.13
Xylenes	0.225
TPH-G	1,100

MW-7	
Date	8/5/08
Depth	6.75
Benzene	0.1
Xylenes	2.2
TPH-G	1,000

SB-7	
Date	10/17/07
Depth	6 to 6.5
Benzene	<0.22
Xylenes	7.6
TPH-G	770
Naphthalene	1.8

SB-9		
Date	10/17/07	10/17/07
Depth (feet)	3 to 4	6 to 6.5
Benzene	<0.21	0.038
Xylenes	2.62	31
TPH-G	1,400	1,200
Naphthalene	2.5	5.6

LEGEND

- Proposed Soil Boring Location
- MW-1 Groundwater Monitoring Well Location
- SB-13 Soil Boring Location
- Property Boundary

Location ID	
Date	Sample Date
Depth	In Feet
Benzene	Benzene Concentration (mg/kg)
Xylenes	Total Xylenes Concentration (mg/kg)
TPH-G	Gasoline-Range Hydrocarbon Concentration (mg/kg)
Naphthalene	Naphthalene Concentration (mg/kg)

<0.1 Analyte Not Detected at or Above the Laboratory Detection Limit

Extent of Soil Impacts Exceeding the MTCA Method A Cleanup Level (Dashed Where Inferred)

Analytical data not shown for locations where analytes were detected below MTCA Method A cleanup levels or laboratory reporting limits.

SAIC

Chevron Station No. 352300
State Route 274
Tekoa, Washington

FIGURE 1
Site Map with Proposed Boring Locations

DATE: 12/19/2011 | DRAWING: 352300 Site Map.dwg