Soil Sampling Plan

C and J Energy Services, LLC

Mission Wash Out Pit

RRC Operator # 120531

Hidalgo County, Texas

This sampling plan provides a description of the soil sampling activities to be performed at the C & J Energy Services Wash Out Pit in Mission Texas, which is permitted by the Railroad Commission of Texas (RRC) under Operator # 120531, and the lease name Mission Facility A. The pit dimensions are 19 feet by 10 feet by 7 feet deep. The scope of work includes advancing borings in the four cardinal directions, approximately one foot outside of the pit walls. The borings will be advanced with a Geoprobe or hollow stem augur drill rig. Each boring will be advanced to the depth of 14-foot-deep, or which groundwater is encountered or augur refusal, whichever is encountered first. Each boring will be continuously sampled from the ground surface to boring total depth. Soil cores will be field screened for volatile organics in soil vapor using a photoionization detector (PID).

Soil samples will be collected for chemical analysis from the following depth intervals: one sample will be collected from the depth interval that corresponds to the highest PID reading detected in each boring; one soil sample will be collected at a depth of eight feet below ground surface (bgs); and one soil sample will be collected at 14 foot deep or augur refusal or the depth at which groundwater is encountered, whichever occurs first.

Each sample will be placed into a sample container provided by the designated analytical laboratory. Each sample container will be marked for identification after sample collection. Each sample container will be placed into a sealed plastic bag and placed into an ice-filled cooler for storage prior to shipment or delivery to the analytical laboratory. A chain of custody form will be completed documenting dates and times of sample collection and dates and times of transfer of sample custody until the samples are delivered to a common carrier or analytical laboratory. Each sample will be submitted to an analytical laboratory for analysis

of pH by EPA method 9045D; electrical conductivity (EC), total petroleum hydrocarbons (TPH) by method Tx 1005; benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA method 8260; and the following metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by EPA methods 60107471A. Standard chain of custody protocol will be followed for transfer of the samples to the analytical laboratory. The RRC District 04 office in Corpus Christi, Texas will be notified in advance of the sampling activities. Results of analysis of samples will be tabulated and provided to the RRC District 04 office and the RRC office in Austin in a letter report summarizing the sampling activities and results of analysis.