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May 10, 2021

Mr. Eli Gurian
Program Manager – Remediation Management
Phillips 66 Company
3900 Kilroy Airport Way, Suite 210
Long Beach, CA 90806

RE: Additional Site Characterization Work Plan
Circle K 1476 (Phillips 66 Facility No. 2701476, AOC #2063)
12660 1st Ave South
Burien Washington 98168
ATC Project No. Z076000070
Washington Department of Ecology Facility ID# 35395376
Washington Department of Ecology VCP #NW2718

Dear Mr. Gurian:

ATC Group Services LLC (ATC) is pleased to submit this Additional Site Characterization Work Plan to Phillips 66 Company (Phillips 66) for the above referenced facility, located at 12660 1st Ave South in Seattle, Washington (Site). The objective of this work plan is to present a scope of work to conduct site investigation activities in order to further assess current conditions at the Site and fill data gaps as requested by the Washington State Department of Ecology (Ecology) in their opinion letter dated November 17, 2020. For the purposes of this proposed investigation, the scope of work will be limited to releases relating to the Phillips 66 Facility at 12660 1st Ave South in Seattle.

SITE DESCRIPTION

The Site is located in a mixed residential and commercial area (**Figure 1**). The Site is currently occupied by an active 76 gasoline fueling station and convenience store. Current Site features include two fuel dispenser islands, each covered with a canopy, and one 12,000-gallon and two 10,000-gallon capacity underground storage tanks (USTs) containing unleaded gasoline. The remainder of the Site is covered with asphalt or concrete except for landscaped areas along the northern and eastern property boundaries. Current features of the Site are shown on **Figure 2**.

The Site is bounded to the north by a commercial building; to the south by Southwest 128th Street, beyond which is a restaurant; to the west by 1st Avenue South to the west, beyond which is an Albertson's Grocery store and associated fueling station; and to the east by two residences and a vacant residential lot.

Historical research indicates that the property was first developed as a gasoline and automobile service station facility in 1966, although first generation USTs were installed in December 1964

and January 1965. Site ownership history prior to 1996 is unknown. Circle K Corporation owned the Site from at least 1996 until the end of 1999, at which time Tosco Corporation became the property owner. ABC Pacific Corporation bought the property (date unknown) and sold the property to Silverlake Ventures II, Inc. in December 2003. Juns Investment Inc. is listed as the current property owner.

Prior to 1966, a residence reportedly existed at the northern portion of the Site. A UST containing heating oil was encountered in January 1992 during trenching activities associated with fueling system upgrades. The heating oil UST was subsequently decommissioned by removal. An unknown volume of contaminated soil was removed by excavation during the decommissioning activities. Over-excavation activities were performed until confirmation soil sample analytical results were below laboratory reporting limits. The location of the former heating oil UST is shown on **Figure 2**.

According to Ecology's Toxics Cleanup Program Web Reporting Databases, one 500-gallon waste oil UST was installed in December 1964; one 6,000-gallon leaded gasoline UST, one 8,000-gallon unleaded gasoline UST, and one 10,000-gallon unleaded gasoline UST were installed in January 1965. Additionally, one 6,000-gallon unleaded gasoline UST was installed in January 1976. The locations of the former gasoline USTs and waste oil UST are shown on **Figure 2**.

In 1992 four gasoline USTs, including two 6,000-gallon capacity, one 8,000-gallon capacity, and one 10,000-gallon capacity tanks, were removed from the central portion of the Site during fueling facility upgrades.

In July 1995, two 500-gallon USTs, one containing used oil and the other containing heating oil, were decommissioned by removal. The used oil UST was located north of the convenience store building, and the heating oil UST was located south of the convenience store building. The installation and in-service dates of these two USTs are unknown.

SITE HISTORY

Based on the results of previous investigations, it is understood that a gasoline release was first documented during the first generation UST removal activities in 1992. Gasoline-impacted soil and groundwater were reported to Ecology, and the property was listed with Ecology's Leaking Underground Storage Tank (LUST) program and assigned LUST ID 1571. The LUST status with Ecology, as of January 1995, is listed as "Cleanup Started." The property was entered into Ecology's Voluntary Cleanup Program (VCP) in April 2013 was assigned VCP No. NW2718.

Based on the findings of the historical investigations conducted at the Site between 1992 and 2020, the Site has been defined to include the following criteria:

- Petroleum-impacted shallow soil greater than Model Toxics Control Act (MTCA) Method A cleanup levels (CULs) near the current/former gasoline USTs and the southern dispenser.
- Petroleum-impacted deep soil greater than MTCA Method A CULs in the vicinity and downgradient of the current and former gasoline USTs and southern dispenser.

- Petroleum-impacted upper zone groundwater greater than the MTCA Method A CULs in the area to the south and southeast of the southern dispenser, in GW-13S and GW-14S, as well as to the east of the south dispenser in GW-15S.
- Petroleum-impacted deeper groundwater greater than the MTCA Method A CULs within the deep zone in GW-14D and GW-18D to the south and southwest of the southern dispenser.

Underground city sanitary sewer lines run beneath the property and to the south beneath 128th Street. City storm sewer lines run north-south to the west of the Site under 1st Ave South. City water lines are present beneath the adjacent right of ways (ROWs) to the south and west of the Site, and electric lines are present along the south and west sides of the property.

A search of water well records was performed in 2019 by ATC of on-line Ecology well records. The search included water wells located within a one- mile radius of the Site. The search identified no domestic wells within one mile from the Site.

Several subsurface investigations, installation and operation of groundwater extraction, air sparge, and soil-vapor extraction (GWE, AS, and SVE) remediation system equipment, and routine groundwater monitoring events have been conducted at the Site between 1992 and 2020. Based on the results of these activities, the constituents of concern (COCs) for soil and groundwater at the Site include gasoline and diesel-range hydrocarbons and benzene, toluene, ethylbenzene, and total xylenes (BTEX) compounds. Details for historic subsurface assessments and remedial activities are provided in the subsequent section.

HISTORICAL INVESTIGATION AND REMEDIATION ACTIVITIES

Various environmental assessment and remediation activities have been conducted at the Site between 1992 and the present. The locations of all historical soil borings, wells, remediation system components, and other features are shown on **Figure 2**. For evaluation purposes, those concentrations that exceed the MTCA Method A CULs for soil and groundwater are presented in bold font on the Figures and Tables. A summary of the former investigative and exploration activities, based on ATC's review of historical reports, is presented below.

1992 UST Decommissioning and Investigation Activities: ESE documented UST removal activities in the March 2, 1992, report Removal of "Unknown Owner" Underground Storage Tank From 12660 1st Ave SO., Seattle, WA (ESE, 1992a). During January 1992 UST removal actions associated with fueling system upgrades, confirmation soil samples were collected from the limits of the UST excavation pit. Analytical results from confirmation soil samples indicated the presence of petroleum hydrocarbon concentrations above the MTCA Method A CULs. Based on these results, approximately 1,400 cubic yards of petroleum-impacted soil was over-excavated beneath the northern 6,000-gallon UST to a depth of approximately 15 feet below ground surface (bgs) and the southern dispenser island to a depth of 13 feet bgs. Analytical results from confirmation soil samples collected from the over-excavation limits of the 6,000-gallon UST indicated the presence of petroleum hydrocarbon concentrations less than the MTCA Method A CULs. Analytical results from confirmation soil samples collected from the over-excavation limits of the southern dispenser island (south of the current western dispenser) indicated concentrations of petroleum hydrocarbons greater than the MTCA Method A CULs. The locations

of the former USTs, the over-excavation limits, and the locations of the confirmation soil samples are shown on **Figure 2** (ESE, 1992a). The January 1992 historical analytical results are presented on **Table 1**.

During the UST fueling system upgrades in January 1992, a UST containing heating oil (presumably associated with the former residence) was encountered during trenching activities north of the UST pit, between the northern dispenser island and the building. The heating oil UST was decommissioned by removal on February 4, 1992. Hydrocarbon identification (HCID) analysis indicated the presence of diesel-range hydrocarbons only. An unknown volume of diesel-impacted soil was removed by excavation during the decommissioning activities. Over-excavation activities were performed on February 6, 1992, until confirmation soil sample analytical results were below laboratory reporting limits. The locations of the former heating oil UST, the over-excavation limits, and the locations of the confirmation soil samples are shown on **Figure 2**. The results of the heating oil removal activities are documented in ESE's "Results of a Tank Removal and Soil Removal Program" (ESE, 1992b). The February 1992 historical soil analytical results are presented on **Table 1**.

In April and May 1992, an initial site assessment was conducted which included drilling five soil borings (B-1 through B-5) for the collection of soil samples and the installation of monitoring wells. Boring B-3 was completed as groundwater monitoring well GW-2 and boring B-5 was completed as groundwater monitoring well GW-1. The remaining borings are identified as B-1, B-2, and B-4. The locations of initial borings B-1 through B-5 and GW-1 and GW-2 are shown on **Figure 2**. Boring B-2 was drilled at a 45-degree angle toward the canopy footing. Since the sample was "heated" during drilling activities, a sample from B-2 was not submitted for analysis. Analytical results indicated the presence of petroleum hydrocarbon concentrations above MTCA Method A CULs in soil samples from borings B-1, B-3, and B-4. The April and May 1992 historical soil analytical results are presented on **Table 1**. Petroleum hydrocarbon constituents above MTCA Method A CULs were detected in groundwater samples collected from wells GW-1 and GW-2. A "sheen" of free-phase hydrocarbons was noted on the water from well GW-2 (ESE, 1992c). All historical groundwater gauging and analytical results are presented on **Table 2**.

1994 and 1995 Pre-Remediation Investigation Activities: The following is a summary of SEACOR's August 5, 1994, "Additional Site Assessment Investigation" (SEACOR, 1994a and 1994b) and January 9, 1995, "Additional On-site and Initial Off-site Subsurface Investigation" (SEACOR, 1995a) reports.

In 1994 and 1995, a total of 11 additional soil borings were advanced on- and off-site to depths between 75 and 94 feet bgs. One previously-existing monitoring well (GW-3) was abandoned and re-installed at a deeper depth (also identified as GW-3). Of the 11 completed borings, 10 were completed as monitoring wells (identified as GW-4 through GW-12 on **Figure 2**). The remaining boring was completed as an air sparge well (identified as AI-1 on **Figure 2**). Analytical results indicated concentrations of petroleum hydrocarbons above MTCA Method A CULs in soil samples collected from borings GW-5 and GW-8. The 1994 and 1995 historical soil analytical results are presented on **Table 1**. Petroleum hydrocarbon constituents above MTCA Method A CULs were detected in groundwater samples collected from wells GW-5 and GW-8 through GW-10. Light non-aqueous phase liquid (LNAPL) was observed in monitoring wells GW-2 and GW-6. In March and May 1994, LNAPL recovery programs were initiated for GW-2 and GW-6. All of the historical gauging and groundwater analytical results are presented on **Table 2**.

In May 1994, an AS/SVE pilot test was conducted at the Site. Groundwater monitoring well MW-2 was used as the vapor extraction pilot test well, and wells MW-1, MW-5, and MW-6 were used as observation wells. Results indicate that SVE achieved an effective radius of influence of approximately 46 feet at a flow rate of 105 standard cubic feet per minute (scfm) and vacuum of 35 inches of water (in. H_2O). Mass recovery rates during the pilot test were approximately 29 pounds per day as TPH-G and 12 pounds per day as BTEX. It was concluded SVE and AS were technologically feasible to remediate subsurface petroleum hydrocarbons.

In July 1995, two 500-gallon USTs, one containing used oil, the other containing heating oil, were decommissioned by removal. The used oil UST was located north of the convenience store building (presumably installed in 1964) and the heating oil UST was located south of the convenience store building (**Figure 2**). The installation and in-service date of the heating oil UST is unknown. Heavy oil-range hydrocarbons were not detected in any of the confirmation soil samples collected from the excavation limits (**Table 1**). The locations of the former heating oil UST and used oil UST, the excavation limits, and the locations of the confirmation soil samples are shown on **Figure 2** (SEACOR, 1995b).

In August 1995, an aquifer pump test was conducted to evaluate the feasibility of a groundwater pump and treat system, and a percolation test was conducted to evaluate the feasibility of an infiltration trench as a means of effluent discharge. Well GW-7 was utilized for the pumping well and wells GW-2, GW-5, GW-6, and GW-8 through GW-11 were utilized as observation wells. Both were determined to be feasible options.

1998 Investigation and Remediation Activities: In 1998, the GWE/AS/SVE system plumbing was completed, and remediation activities were initiated. Six additional air sparge wells (identified as AS-1 through AS-6) were installed to depths of 90 feet bgs. No soil analytical data was found pertaining to these well installations. The final system configuration consisted of seven air sparge wells (AI-1 and AS-1 through AS-6), six combination GWE/SVE wells (GW-1, GW-2, GW-5, GW-6, GW-7 and GW-10), and three combination groundwater monitoring/SVE and GWE wells (GW-2, GW-5, and GW-6). The locations of the monitoring and remediation wells are shown on **Figure 2**. Sometime prior to December 2004, another extraction well (identified as GW-2A) was installed. Information pertaining to the installation of this well could not be located. However, based on information in historical reports, it appears groundwater was extracted from this well during operation of the remediation system. Extracted vapors were passed through a catalytic oxidizer for treatment. Extracted groundwater was passed through an air stripper and two carbon adsorption units then discharged into an on-site infiltration trench. The system ran consistently until October 2006 when it was shut down due to asymptotic conditions. A total of 1,550 pounds of hydrocarbons was removed by the SVE system. Over one million gallons of water was also extracted, treated, and discharged to the infiltration trench. LNAPL was not observed in monitoring wells GW-2 and GW-6 after August 2001 and November 1995, respectively.

2012 Post-Remediation Investigation Activities: In July 2012, Cardno ATC conducted a post-remediation subsurface investigation at the Site. Five soil borings (identified as SB-1 through SB-5 on **Figure 2**) were advanced in areas east, west, and south of the southern fuel dispenser island and near those historical borings (completed prior to remediation actions) that previously exhibited petroleum impacts at concentrations greater than MTCA Method A CULs. Confirmation soil samples were collected from the borings to confirm current soil conditions and to analyze for

all appropriate constituents. Each boring was advanced to 50 feet bgs with the exception of SB-3, which was advanced to 55 feet bgs.

Samples submitted for laboratory analysis were generally selected based on the results of field screening evidence and/or from the approximate intervals where impacts were observed during previous investigations. The 2012 analytical results indicated that petroleum-related impacts were present at the locations of each soil boring. Petroleum-related contaminant concentrations greater than MTCA CULs were present at depths of 20 feet bgs or greater (**Table 1**). Field screening evidence and/or analytical results for those samples submitted above 20 feet bgs did not indicate the presence of petroleum-related contamination (Cardno, 2013).

2016 Remediation System Decommissioning: In September 2016, ATC oversaw the decommissioning of the GWE/AS/SVE system mentioned above. All above ground remediation equipment was disconnected and removed from the Site. Below ground piping was plugged where it stubbed up into the former remediation system compound and left in place (ATC, 2017).

2018 Well Decommissioning and Installation: In order to further evaluate soil and groundwater conditions at the Site, ATC oversaw the advancement of 14 soil borings completed as groundwater monitoring wells in October 2018. The wells were installed specifically to better define actual groundwater conditions in the upper and lower water bearing units.

Decommissioning of wells GW-1 through GW-6 was also completed in October 2018. A review of boring/well installation logs had indicated that GW-3 through GW-6 were installed with well screens that were 45 to 75 feet long, extending across both the upper and lower water bearing units.

Based on groundwater gauging data collected following the October 2018 well installation, ATC determined that groundwater zones beneath the Site are primarily located between 35 to 55 feet and 65 to 85 feet bgs, are not clearly continuous, and the shallower zone may be seasonal. Based on soil data collected from the borings, ATC also found that concentrations in site soil have decreased from prior soil sampling events, and that soil impacts were limited to 77.5 milligram per kilogram (mg/kg) of gasoline-range total petroleum hydrocarbon (TPH-G) at 25 ft. bgs at GW-16D (north of the south dispensers), to 55.3 mg/kg of TPH-G at 45 ft. bgs at GW-18S (southwest of the south dispensers), and to 0.553 mg/kg of benzene at 60 ft. bgs at GW-13D (southeast of the southern dispensers).

Based on groundwater sampling data collected since the 2018 well installation event (December 2018 to March 2020) impacts are limited in the shallow zone to the area of the south dispenser, in wells GW-13S, GW-14S, and GW-15S. Impacts are also present within the deep zone in wells GW-14D and GW-18D to the south and southwest of the southern dispenser (ATC, 2019).

Current Well Network and Monitoring and Sampling Program

The current groundwater monitoring well network consists of 20 monitoring wells, including upper water bearing zone wells GW-8S, GW-10S, and GW-13S through GW-18S, and lower water bearing zone wells GW-7D through GW-18D. Other wells previously present but

decommissioned include GW-1 through GW-6. The locations of the current monitoring wells are shown on **Figure 2**.

Groundwater sampling has been conducted at the Site since 1991. The historical understanding of groundwater conditions at the Site is as follows:

Upper and Lower Water-Bearing Zones Wells (GW-1 to GW-6: All decommissioned in 2018): GW-1 - Gasoline-range hydrocarbons have not been detected at concentrations greater than corresponding MTCA Method A CULs in groundwater samples collected from shallow monitoring well GW-1 since April 2015.

GW-2 - Concentrations of gasoline range hydrocarbons and benzene have consistently exceeded MTCA Method A CULs in shallow monitoring well GW-2 since LNAPL was last measured in August 2001.

GW-3 and GW-4 - Concentrations of benzene and total lead were intermittently detected above MTCA Method A CULs but decreased to below method reporting limits (MRLs) or MTCA Method A CULs after February 2007.

GW-5 - With the exception of a benzene detection in April 2015, analyte concentrations were either below MTCA Method A CULs or were not detected above laboratory MRLs after May 2000.

GW-6 - Gasoline-range hydrocarbons, one or more BTEX compounds, and total lead were periodically detected at concentrations greater than corresponding MTCA Method A CULs in groundwater samples collected from monitoring well GW-6 since LNAPL was last measured in the well in November 1995.

Upper Water-Bearing Zone Wells (installed in 2018): GW-8S, GW-10S, and GW-13S though GW-18S - Upper water bearing zone groundwater data indicated that gasoline-range hydrocarbons had not been detected at concentrations above MRLs or MTCA Method A CULs in GW-8S, GW-10S, GW-16S, and GW-17S. There has not been sufficient water in GW-18S to sample this well. Wells GW-13S, GW-14S, and GW-15S have had petroleum-related compounds detected above the MTCA Method A CULs.

Lower Water-Bearing Zone Wells: GW-7D through GW-12D (installed pre-2018) - With the exception of diesel-range total petroleum hydrocarbon (TPH-D) in GW-10D in 2014 and occasional total lead detections, petroleum-related compounds were not detected above laboratory MRLs or were below the MTCA Method A CULs in these wells.

GW-13D through GW-18D (installed post-2018) - Petroleum-related compounds were not detected above laboratory MRLs or were below the MTCA Method A CULs in wells GW-13D, GW-15D, GW-16D, and GW-17D. Petroleum-related compounds have been detected above CULs in well GW-14D and GW-18D in some of the samples collected since sampling commenced in December 2018. Neither well had concentrations above CULs in the December 2019 sampling event, and both wells were dry during the March 2020 sampling event.

In summary, based on groundwater sampling data collected at the Site, current impacts are limited in the shallow zone to the area to the south and southeast of the south dispenser, primarily in GW-13S and GW-14S, as well as to the east of the south dispenser in GW-15S. In the deeper zone, impacts are present at GW-14D and GW-18D, to the south and southwest of the southern dispenser, respectively.

GEOLOGIC AND HYDROGEOLOGIC SETTING

Topography

Topography of the site property and the immediate vicinity slopes gently to the southeast. The site elevation ranges from approximately 420 feet (northwest corner) to 412 feet (southeast corner) above mean sea level. Surface cover on the property is generally paved parking (asphalt and concrete) with fueling facilities and a convenience store building. Landscaping is present along the eastern margin of the site and within a planter bed island at the southwest site corner. Storm water catch basins are located along the west and south site perimeter and collect surface water (storm water) from the site and adjacent ROWs and convey the water to municipal storm drains.

Regional and Local Geology

The Site is located within the Puget Sound lowland and was subject to glaciation during the Vashon glacial period, which occurred approximately 15,000 to 20,000 years ago. The glacial drift plain underlying Burien is a composite of several different glacial depositional processes. These processes include 1) lacustrine (lake) deposits, which are predominantly silt and clay; 2) glacial till, a mixture of sand, gravel, clay, silt, and boulders deposited directly by the glacier; and 3) advance and recessional outwash, primarily sand and gravel deposits made by glacial meltwater. The deposits made by these processes are layered.

Soils encountered during previous investigations consisted of glacial till deposits to the total depths explored (up to 95 feet bgs). Exploration logs from prior borings completed at the Site indicate that the glacial deposits are dense to very dense, heterogeneous, and contain varying amounts of sand, gravel, silt, and clay. During the 2018 investigation, soils encountered in well borings consisted predominantly of dense, fine to medium silty sand with varying amounts of gravel to depths ranging from approximately 65 to 75 feet bgs. Below the silty sand unit, less dense, coarser grained sediments consisting of sands and gravels were encountered to the maximum depth explored of 85 feet bgs. The dense silty sand unit was interpreted as glacial till, while the underlying coarse-grained sediments were interpreted as glacial outwash deposits. A well-defined aquitard unit was not identified within the upper 85 feet at the site.

Regional and Local Hydrogeology

Advance outwash deposits can produce water-bearing zones (aquifers). As the glaciers advanced farther southward, they overrode these deposits, and additional debris (till) was laid down beneath the glaciers and above the advance outwash. The gravel and sand beds of the glacial tills can also produce water-bearing zones. However, saturated zones within the fine-grained glacial tills generally exhibit poor hydraulic characteristics and can act as confining

layers. Later, as the glaciers receded, meltwater carried additional sediment to form recessional outwash on top of the till. As with advance outwash, recessional outwash can also produce water-bearing zones.

Within the glacial till beneath the Site, evidence of a shallow discontinuous perched groundwater bearing zone (shallow or upper zone) and a deeper, continuous groundwater bearing zone (deep or lower zone) exist based on measured depths to water, stratigraphy presented in boring logs, well completion details, and results of an on-site aquifer pump test conducted in August 1995.

Shallow/Upper Zone - According to historical boring logs, wet conditions were observed within silty sand units at depths ranging from approximately 17 to 45 feet bgs. Shallow perched water has historically been measured in shallowly screened wells at depths ranging from 23 to 50 feet bgs.

Deep/Lower Zone – During the installation of wells GW-3, GW-5, and GW-6 (to depths between 75 and 90 feet bgs), it was noted that the water bearing zones appeared to correlate with less dense soils (lower blow counts compared to unsaturated soils). The water bearing units were also noted to contain a smaller percentage of fine grained soils (trace or less). Groundwater levels have historically been measured in the deep/lower water-bearing zone at depths ranging from 62 to 80 feet bgs.

During advancement of borings for wells installed in October 2018, upper and lower water bearing zones were generally observed at similar depths as in previous events. In upper zone well borings, wet conditions were noted at depths ranging from 20 to 45 feet bgs, and, in lower zone well borings, wet conditions were noted at depths ranging from 60 to 80 feet bgs. The correlation of coarser grained soils with saturated conditions noted in previous deep well borings was also noted in soils encountered in deep well borings advanced in 2018 (GW-13D, GW-14D, GW-15D, GW-16D, GW-17D, and GW-18D).

Based on historical water level measurements, the inferred groundwater flow direction in the upper water-bearing zone has predominantly been to the west. The inferred groundwater flow direction in the lower water-bearing zone has ranged primarily (two-thirds of events) between the southeast and southwest and, to a lesser extent (one-third), to the north to northeast.

Based on water level measurements collected following the installation of new wells in March 2020, the inferred groundwater flow direction in the upper water-bearing zone is predominantly to the northwest and to the north/northeast in the lower water-bearing zone.

ADDITIONAL INVESTIGATION SCOPE OF WORK

On August 19, 2020, ATC submitted a Remedial Investigation (RI) Report for the Site. On November 17, 2020, Ecology issued an opinion letter based on its review of the document. Among other requests, Ecology requested additional characterization of on-site soil and groundwater. ATC replied to the Opinion letter on January 5, 2021, to address the requested items. On January 20, 2021, ATC, Ecology, and the Phillips 66 Company (P66) met to discuss the remaining characterization. Based on the meeting, listed below are specific items from the Opinion letter **in bold font**, followed by ATC's response and proposed action to address

Ecology's request. Items in the letter that did not request additional action or have been addressed are not included in this workplan.

The "Current Soil Conditions – 2018 Soil Data" (Figure 8 of the *RI Report*) needs to be updated to include the following soil sample exceedances of Method A cleanup levels:

Consulting Firm	Sample Name	Sample Date	Sample Depth (ft. below ground surface)
ESE	NWW	1/8/1992	11.0
ESE	TFOX-1	1/17/1992	14.5
ESE	SDOX-F1	1/23/1992	3.0
ESE	SDOX-WW	1/23/1992	2.0
ESE	SDOX-F4	2/20/1992	15.0
ESE	SDOX-DWW1	2/20/1992	11.0
ESE	SDOX-DSW1	2/20/1992	12.0
ESE	SDOX-DEW1	2/20/1992	10.0
ESE	B-1	4/20/1992	15
SEACOR	MW-5	4/20/1994	35-35.5
SEACOR	MW-5	4/20/1994	75-75.5
SEACOR	MW-6	4/20/1994	40-40.5
SEACOR	MW-6	4/20/1994	60-60.5
SEACOR	AI-1	4/20/1994	20-20.5
SEACOR	AI-1	4/20/1994	40-40.5
Cardno ATC	SB-1-30'	7/18/2012	30
Cardno ATC	SB-1-50'	7/18/2012	50
Cardno ATC	SB-5-30'	7/19/2012	30
Cardno ATC	SB-5-45'	7/19/2012	45

ATC Response: See next comment.

If adjacent confirmation soil samples resolved any of these exceedances, please document by linking each prior exceedance with the confirmation sample result in a table.

ATC Response:

The attached **Table 3** compares the TPH-G and BTEX concentrations detected at fourteen locations (nineteen soil samples) collected between 1992 and 2012 to the TPH-G and BTEX concentrations detected in the confirmation samples from similar locations and depths collected in 2018.

As noted above, petroleum-impacted soil has historically been detected at concentrations greater than the MTCA Method A CULs in sample locations NWW, TFOX-1, SDOX-F1, SDOX-WW, SDOX-F4, SDOX-DWW1, SDOX-DSW1, SDOX-DEW1, B-1, MW-5, MW-6, AI-1, SB-1, and SB-5. A total of nineteen samples collected from these fourteen locations were specified.

Between October 8 and October 31, 2018, ATC oversaw the installation of six shallow and deep monitoring well pairs in the vicinity of the south dispenser island. Additionally, two shallow wells

were also installed adjacent to existing wells GW-8 and GW-10 to create well pairs at these locations. Shallow well borings advanced in 2018 were designated GW-8S, GW-10S, and GW-13S through GW-18S, and deep well borings were designated GW-13D through GW-18D. All locations are shown on **Figure 2**. Some of the sample depths were selected in order to evaluate if contaminant degradation had occurred.

A comparison of the analytical data obtained during the 2018 assessment to the nineteen historical samples noted above indicates the following:

- In six of the locations, new samples were within 4 to 10 feet of the original locations, and concentrations of petroleum hydrocarbons and related constituents decreased and attenuated over time by between 91 to 100 percent to below CULs and often to below the detection limits
- No confirmation samples were collected near former samples NWW and TFOX-1. Both locations are along the north side of the UST basin. However, data from the other confirmation samples could be used to support the assertion that similar scale of decrease has occurred at these locations. Additionally, these sample locations were within the footprint of the former SVE remediation system, resulting in subsequent reductions of residual soil hydrocarbon concentrations.
- Five of the prior samples were collected under the existing dispenser island, so the closest confirmation sample locations were approximately 21 to 30 feet away.
- At one of the sample locations (MW-6 at 60 feet bgs), the benzene concentration increased from 0.12 mg/kg to 0.553 mg/kg.

Using the demonstrated sample reductions in the samples within 4 to 10 feet of prior samples, concentrations from prior locations would also likely have decreased over time by similar percentages, resulting in current concentrations below respective CULs. In addition, all of the sample locations were within the SVE system ROI, and therefore would have had decreased concentrations based on the system operation.

The horizontal extent of impacts to groundwater in the shallow and deep groundwater zones has not been delineated and likely extends into the S 128th Street right-of-way. Monitoring wells GW-18S and GW-18D are in a critical downgradient location with respect to assessing the extent of impacts in the shallow and deep groundwater zones, respectively. However, the sampling record for MW-18S has shown "insufficient water to sample" in all six sampling events for this well, from 12/11/2018 through 3/11/20. Similarly, samples from MW-18D could not be collected during the last two events listed for that well (3/11/20 and 7/31/20). Alternatives to assessing the horizontal extent of groundwater impacts from the Site need to be evaluated.

ATC Comment: ATC concurs that additional data would be useful at select locations to characterize current groundwater conditions. To address this comment, ATC proposes well installations in the vicinity of GW-18S and GW-18D. A shallow well screened from approximately 40 to 60 feet bgs and a deep well screened from approximately 70 to 90 feet bgs are proposed (see **Figure 2** for proposed locations).

The vertical extent of groundwater impacts has not been determined. Data from Site monitoring wells and regional groundwater resource reports document downward vertical groundwater gradients in the layered hydrogeologic system comprised of the Vashon till, Vashon advance outwash, and underlying pre-Vashon deposits (see Enclosure A, Figure 7). Alternatives to assessing the vertical extent of groundwater impacts from the Site need to be evaluated.

ATC Comment: The deepest wells at the Site that have had detections of petroleum hydrocarbon compounds above MTCA Method A CULs are GW-14D and GW-18D. Therefore, ATC proposes installing a vertical delineation well adjacent to GW-18D to determine if impacts extend vertically at the Site.

Based on the generalized hydrostratigraphic cross section included with Ecology's opinion letter (**Attachment A**), the top and base of the shallow aquifer in the vicinity of the Site is approximately 325 and 250-foot elevation, respectively. Wells at the Site are screened to a maximum depth of approximately 324-foot elevation. Therefore, ATC will install the proposed well within the shallow aquifer. ATC assumes this will coincide with approximately 300 to 275 feet elevation.

The vertical delineation well adjacent to GW-18D is proposed to be screened 120 to 140 feet bgs (see **Figure 2** for proposed locations).

Ecology concurs with the following data gap identified in the *RI Report*: Concentrations of non-TPH heating oil and waste oil constituents at the locations of the former waste-oil and heating oil USTs, per Table 830-1 in WAC 173-340.

ATC Comment: In order to complete Site Characterization at the locations of the former waste-oil and heating oil USTs, ATC will collect soil samples at the locations on the attached **Figure 2**. One boring will be advanced at each of the former UST locations. Samples will be collected from the same depths as the deepest prior samples (8 feet) and will be analyzed for analyses as required on Table 830-1 of the MTCA Cleanup Regulation.

Proposed Scope of Work

Soil Borings/Well Installation: Soil boring installation and soil sampling at the former used oil UST, at the former heating oil UST, in the vicinities of GW-14D and GW-18D, and within the ROW of Southwest 128th Street. Samples will be collected at the same depths as previously sampled to confirm current concentrations, and from 5 feet below, to delineate the prior impact. If additional impacts are noted during drilling, additional samples may be collected. Soil borings in the vicinities of GW-14D and GW-18D and within the ROW of Southwest 128th Street will be converted to monitoring wells. The proposed locations of all soil borings and monitoring wells are shown on **Figure 2**. ATC will also gather EPH/VPH, naphthalene, and n-hexane data during soil boring installation activities for possible future use in the Method B calculations.

Soil Borings

SB-6: Soil boring installation and soil sampling: in the vicinity of the former used oil UST;

SB-7: Soil boring installation and soil sampling: in the vicinity of the former heating oil UST;

Well Installations

MW-14V: Soil boring installation, soil sampling, and vertical delineation monitoring well installation in the vicinity of GW-14D and GW-18D;

MWR-18S: Soil boring installation, soil sampling, and shallow monitoring well installation in the vicinity of GW-18S;

MWR-18D: Soil boring installation, soil sampling, and deep monitoring well installation in the vicinity of GW-18D;

MW-19S: Soil boring installation, soil sampling, and shallow monitoring well installation within the ROW of Southwest 128th Street; and

MW-19D: Soil boring installation, soil sampling, and deep monitoring well installation within the ROW of Southwest 128th Street.

Groundwater Sampling and Monitoring: Up to four rounds of water level monitoring will be conducted for comparison to historical flow direction data. If future gauging events indicate flow directions are different from those previously noted at the Site, ATC will update the site conceptual model (SCM) and the newly-revised Rose Diagram for the Site. ATC proposes resampling all site monitoring wells for up to four events for Chloroform and Benzo(a)Pyrene.

The execution of the field work may be changed if warranted by field conditions. ATC will notify Phillips 66 of any substantial changes to the field work before proceeding. The proposed scope of work consists of 3 tasks, each described below.

Task 1 – Pre-Field Activities

At least 72 hours prior to the beginning of subsurface soil work, ATC will physically mark the location of the proposed borings to aid in underground utility locating. Underground utilities and piping in the vicinity of the proposed borings will be identified in advance of fieldwork by requesting underground locating (One-Call) by the Public Utility Notification Service and by contracting a private utility locator. Additionally, it will be necessary to notify and coordinate with the current property owners and station manager.

A safe work plan (SWP) will be prepared, and the site-and-project-specific health and safety plan (HASP) will be updated to identify potential physical and chemical hazards associated with the proposed field activities, and to specify personal protective equipment and safety monitoring requirements. The HASP will be kept on file at ATC's Seattle, Washington office and on the P66 electronic database (LiveLink), and a copy will be made available onsite during field activities.

A permit to install proposed MW-19S and MW-19D within the ROW of Southwest 128th Street will be obtained prior to conducting the work.

Task 2 – Field Activities

Advancement of Soil Borings and Monitoring Well Installation

The proposed borings will be advanced using hand auger, direct push, and/or hollow-stem auger drilling techniques. Hand auger drilling will be used should surface conditions require it (i.e. access may inhibit heavy equipment drilling). Hollow stem auger drilling will be used should subsurface conditions require it (i.e. dense or gravelly soils may inhibit direct push drilling). The drilling will be conducted by a Washington State licensed driller, under the direction of an ATC field representative.

As required by P66, proposed soil borings will be cleared to a depth of five feet using an air knife/vacuum truck prior to drilling activities. If any soil samples are required at depths shallower than five feet bgs, a hand-auger will be used once the desired depth is attained with the air knife/vacuum truck. It is anticipated each boring will be advanced to depths ranging between approximately 8 feet and 140 feet bgs.

Field Screening and Soil and Groundwater Sampling Activities

Soil samples will be collected from the soil borings for lithologic profiling, field screening, and chemical analysis. Where possible, samples will be collected continuously from ground surface to total depth using a 4 or 5-foot long direct-push sampler equipped with acrylic sleeves. Where hollow stem auger drilling is required, samples will be collected using a 2.5 inch split spoon sampler at depths based on previously collected data and observations made in the field. Samples will be field-screened for the presence of volatile organic carbons (VOCs) using a portable photoionization detector (PID). Field screening will be conducted by placing a portion of the collected soil into a sealable plastic bag and then monitoring headspace vapor concentrations using a PID. Soil lithology will be described in general accordance with ASTM D2488.

Reusable soil sampling equipment will be cleaned with a Liquinox wash, tap water rinse, and a distilled water rinse between each sampling attempt.

Soil samples will be collected from each sample interval and placed in laboratory-prepared glass jars and volatile organic analysis (VOA) vials with septum lids or jars with Teflon lids. Following Ecology requirements, soil samples collected for BTEX/Gx will be obtained from the macro-core sampler using a hand-held plunger set to collect the appropriate volume of soil for subsequent analysis using EPA Method 8260B. Soil collected in the plunger will be transferred to laboratory-prepared VOA vials equipped with septum lids. Samples for remaining analysis will be transferred to laboratory-prepared jars equipped with Teflon lids. Groundwater samples will be collected by directly filling laboratory-supplied containers.

Groundwater samples will be collected from monitoring wells using an electric submersible pump and disposable polyethylene tubing. Samples will be collected after stabilization of parameters, if sufficient volume is available.

All soil and groundwater samples will be labeled and immediately placed in an ice chest and kept cool until delivery to the laboratory. Standard chain-of-custody procedures will be observed during transport of the samples to the laboratory.

Soil and groundwater samples will be analyzed for one or more of the following COCs per Table 830-1 of WAC 173-340-900 using one or more of the following methods:

- BTEX using the Environmental Protections Agency (EPA) Method 8260B;
- Ethylene dibromide (EDB), 1,2-dichloroethane (EDC), and Methyl tertiary-butyl ether (MTBE) by EPA Method 8260B;
- Naphthalenes by EPA Method 8260B 8270/cPAH SIM;
- Gasoline-range hydrocarbons (TPH-G), and diesel- and heavy oil-range hydrocarbons (TPH-D and TPH-O) using Northwest Methods NWTPHGx and NWTPHDx, respectively;
- MTCA 5 Metals by EPA Method 6010;
- Total and dissolved lead by EPA Method 6010;
- Carcinogenic polycyclic aromatic hydrocarbons (PAHs) by cPAH SIM;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082; and
- Halogenated volatile organic compounds (CVOCs) by EPA Method 8260B.

Investigative-Derived Waste

All investigation-derived waste (IDW) generated during the field activities will be placed into labeled DOT-approved drums and temporarily stored on-site pending characterization and disposal at a P66-approved facility. IDW will include soil (soil cuttings) and liquid (decontamination and purge water). Waste profiling samples will be collected from the drummed IDW, if necessary, in order to properly dispose the waste. Laboratory analysis of the IDW will be subject to the requirements of the waste retention facility and P66 criteria.

Task 3 – Reporting

ATC personnel will observe and document all subsurface investigation activities. After receipt of the final analytical reports, all results will be summarized in a draft report that will be submitted to P66 for review, then, after incorporating any comments, will be submitted to Ecology. The report will document any soil/groundwater impacts encountered during the soil boring/well installation. Conclusions regarding the results of the field activities will be included in the report. The report will include tables, maps, figures, field notes, where appropriate, and appendices pertinent to the data collected during the field activities. The report will be prepared and signed by a Washington-licensed professional geologist or engineer.

WORK SCHEDULE

ATC anticipates completing the field work associated with the assessment work during the second through fourth quarters of 2021. The assessment field work will be completed in approximately two to three weeks. Subsequent groundwater sampling and monitoring events

will take approximately two to three days each to complete. Samples will be submitted on a standard turn-around time.

We appreciate the opportunity to be of service in this matter. If you have questions regarding this Data Gaps Work Plan, please contact me at (206) 781-1449.

Sincerely,

ATC Group Services LLC

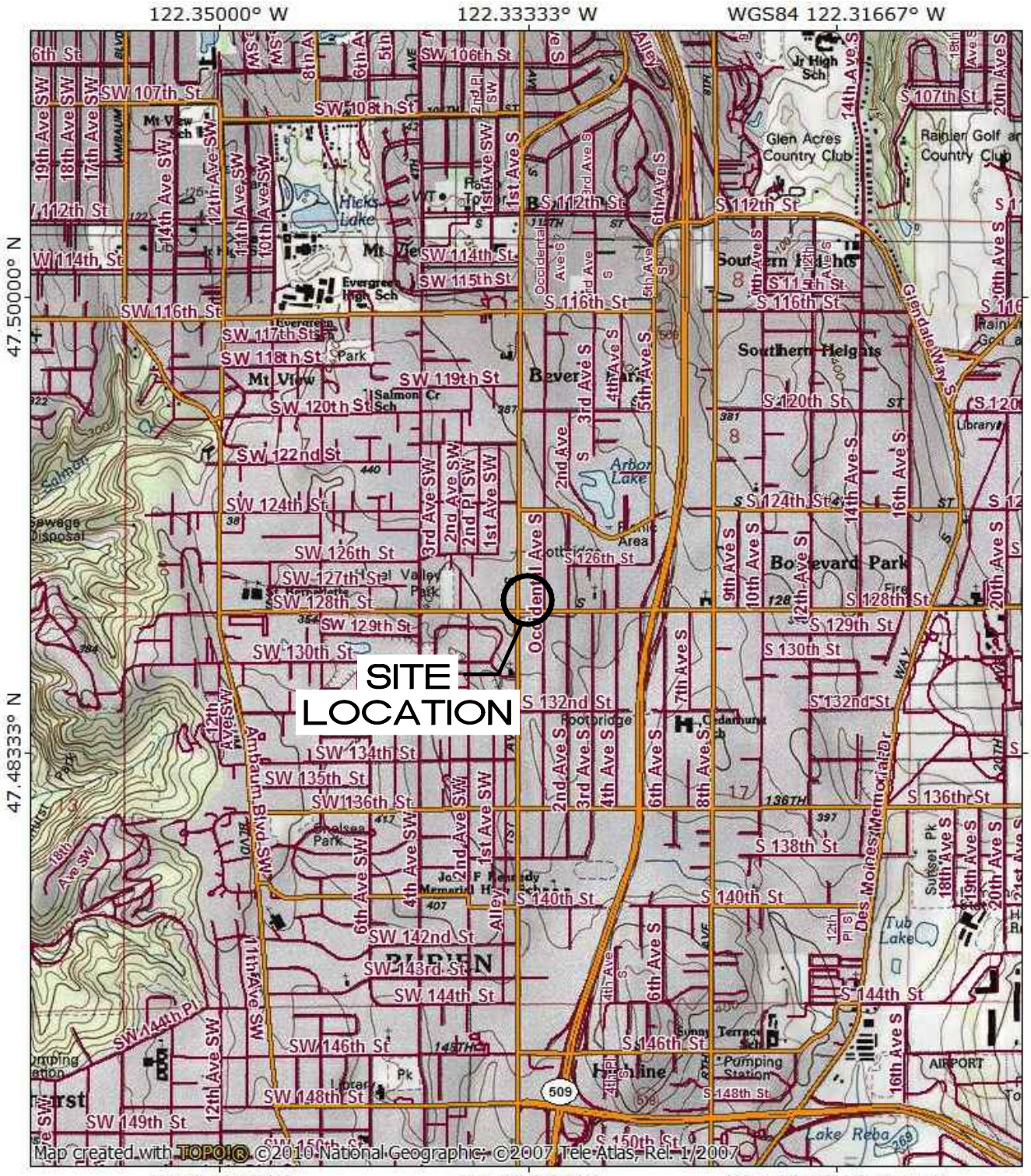
Elisabeth Silver, L.G.
Senior Project Manager

Enc: Figure 1 - Site Vicinity Map
Figure 2 - Proposed Sample Locations

Table 1 - Summary of Historical Soil Laboratory Analytical Data
Table 2 - Summary of Historical Groundwater Gauging and Laboratory Analytical Data
Table 3 - Soil Sample Attenuation Comparison

cc: Mr. Mike Warfel (Ecology NWRO)

Figures



SOURCE: USGS TOPO MAP, DES MOINES, WA QUAD, 1995

SITE VICINITY MAP

PHILLIPS 66 FACILITY NO. 2701476 (AOC #2063)
12660 FIRST AVENUE SOUTH
SEATTLE, WA

PROJECT NUMBER: Z076000048		DATE: 4/26/16	FIGURE 1
APPROVED BY: KS		DRAWN BY: BK	

ATC
6347 Seaview Avenue NW
Seattle, Washington 98107
Ph: (206) 781-1449 *** Fax: (206) 781-1543

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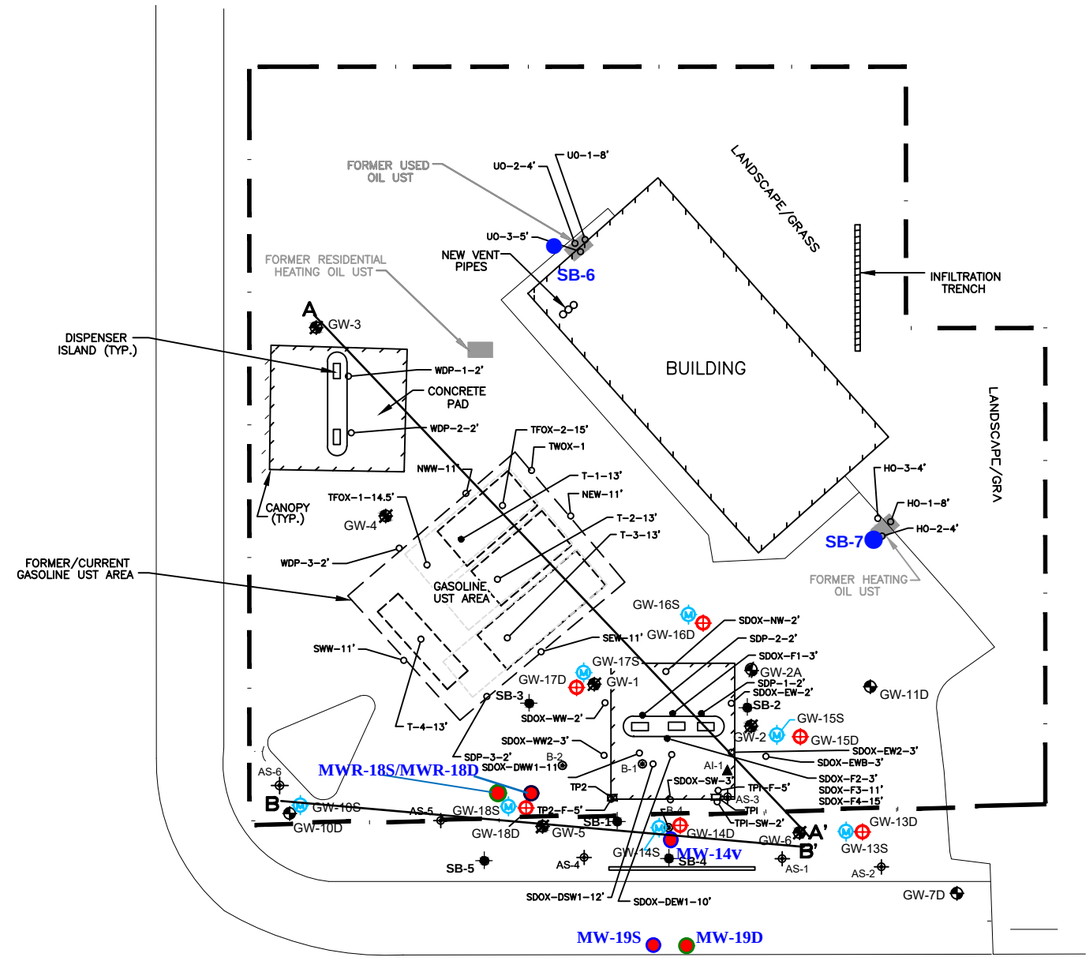
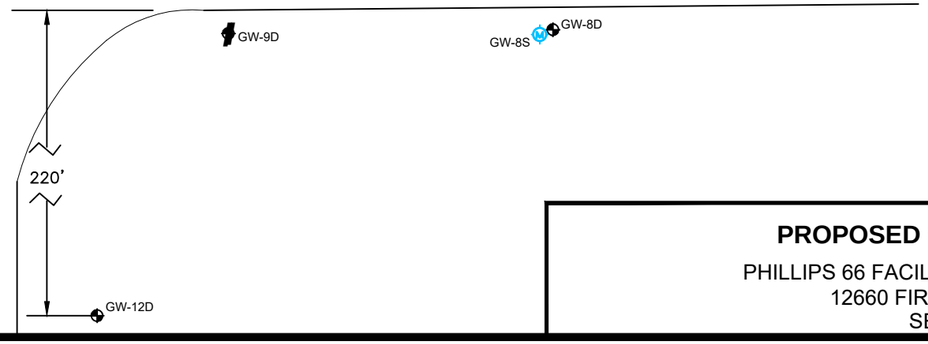


SOUTHWEST 128TH STREET

1ST AVENUE SOUTH



LEGEND

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- DECOMMISSIONED MONITORING WELL
- SOIL BORING (1992)
- AIR SPARGE WELL (1994)
- AIR SPARGE POINT (1998)
- MONITORING WELL (1994/1995)
- SOIL SAMPLE NOT ANALYZED
- SOIL SAMPLE CONTAINING PETROLEUM HYDROCARBONS LESS THAN SCLG'S
- SOIL SAMPLE CONTAINING PETROLEUM HYDROCARBONS GREATER THAN SCLG'S
- MW-19S PROPOSED MONITORING WELL LOCATION
- SB-7 PROPOSED SOIL BORING LOCATION
- SB-5 SOIL BORING
- TRENCH WITH ID
- FORMER UST
- A – A' CROSS SECTION TRANSECT
- APPROXIMATE PROPERTY BOUNDARY

N

0 30 60

SCALE, FT

NOTE: ALL LOCATIONS ARE APPROXIMATE

PROPOSED SAMPLE LOCATIONS

PHILLIPS 66 FACILITY NO. 2701476 (AOC 2063)
12660 FIRST AVENUE SOUTH
SEATTLE, WA

PROJECT NUMBER: Z076000070		DATE: 11/30/20	FIGURE
APPROVED BY: ES		DRAWN BY: BK	2

ATC
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Tables

TABLE 1
SUMMARY OF HISTORICALSOIL ANALYTICAL RESULTS
Former Phillips 66 Facility 2701476 (AOC #2063)
12660 First Avenue, South
Seattle, Washington

Sample Name	Boring/Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHo (mg/kg)	TRPH (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	MTBE (mg/kg)	EDB (mg/kg)	EDC (mg/kg)
Environmental Science & Engineering, Inc. (ESE) - Removal of "Unknown Owner" Underground Storage Tank, March 2, 1992:															
UT-F[1]	NA	02/04/92	5	--	1,500		--	--	--	--	--	--	--	--	--
UT-NW	NA	02/04/92	2	--	<10.0		--	--	--	--	--	--	--	--	--
UT-WW[1]	NA	02/04/92	2	--	19,000		--	--	--	--	--	--	--	--	--
UT-EW[1]	NA	02/04/92	2	--	15,000		--	--	--	--	--	--	--	--	--
SP-1	Stockpile	02/04/92	Stockpile	--	4,500		--	--	--	--	--	--	--	--	--
SP-2	Stockpile	02/04/92	Stockpile	--	2,100		--	--	--	--	--	--	--	--	--
UT-FOX	NA	02/06/92	9	--	<10.0		--	--	--	--	--	--	--	--	--
UT-WWOX	NA	02/06/92	7	--	<10.0		--	--	--	--	--	--	--	--	--
UT-EWOX	NA	02/06/92	6	--	<10.0		--	--	--	--	--	--	--	--	--
ESE - Results of a Tank Removal and Soil Removal Program at the Circle K Facility, April 6, 1992:															
Samples From Gasoline UST Excavation:															
T-1[1]	NA	01/08/92	13.0	**400**	--		--	**1.5**	6.4	**7.2**	**45**	--	--	--	--
T-2	NA	01/07/92	13.0	3.4	--		--	<0.050	<0.10	<0.10	0.16	9.6	--	--	--
T-3	NA	01/07/92	13.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
T-4	NA	01/08/92	13.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
SWW	NA	01/08/92	11.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
SEW	NA	01/08/92	11.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
NEW	NA	01/07/92	11.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
NWW	NA	01/08/92	11.0	1.7	--		--	**0.15**	0.22	ND	0.3	--	--	--	--
Samples From Beneath Dispenser Island:															
WDP-1	NA	01/09/92	2.0	1.5	--		--	<0.050	<0.10	<0.10	<0.10	11	--	--	--
WDP-2	NA	01/09/92	2.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
WDP-3	NA	01/09/92	2.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
SDP-1[1]	NA	01/09/92	2.0	**2,000**	--		--	<0.050	**10**	**6**	**160**	--	--	--	--
SDP-2[1]	NA	01/09/92	2.0	**3,300**	680		--	**8.6**	**150**	**26**	**390**	8.2	--	--	--
SDP-3	NA	01/09/92	2.0	1.1	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
Samples of Material Excavated from Gasoline UST Area:															
FSP-1	Stockpile	01/09/92	Stockpile	**130**	36		--	<0.050	<0.10	<0.10	1.5	--	--	--	--
FSP-2	Stockpile	01/09/92	Stockpile	**200**	--		--	<0.050	0.13	0.65	6.2	--	--	--	--
FSP-3	Stockpile	01/09/92	Stockpile	**200**	--		--	<0.050	0.18	0.72	6.5	--	--	--	--
FSP-4	Stockpile	01/09/92	Stockpile	**120**	--		--	<0.050	<0.10	0.29	3	--			
FSP-5	Stockpile	01/09/92	Stockpile	**140**	--		--	<0.050	0.27	0.47	4.2	--			
FSP-6	Stockpile	01/09/92	Stockpile	**300**	52		--	<0.050	0.43	1.6	**15**	--			
FSP-7	Stockpile	01/09/92	Stockpile	81	--		--	<0.050	0.76	<0.10	1.4	7.5			
Confirmation Samples From Over-Excavation Limits Beneath 6,000-gallon UST															
TFOX-1	NA	01/17/92	14.5	2.1	--		--	**0.067**	<0.10	<0.10	0.14	--			
TFOX-2	NA	01/17/92	15.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
TWOX-1	NA	01/17/92	unknown**	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
Confirmation Samples From Over-Excavation Limits Near Southern Pump Island - North Side															
SDOX-F1	NA	01/23/92	3.0	**110**	--		--	<0.050	0.26	0.49	8.5	--			
SDOX-WW	NA	01/23/92	2.0	**45**	--		--	<0.050	<0.10	<0.10	0.11	--			
SDOX-NW	NA	01/23/92	2.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
SDOX-EW	NA	01/23/92	2.0	1.4	--		--	<0.050	<0.10	<0.10	<0.10	--			
Confirmation Samples From Over-Excavation Limits Near Southern Pump Island - South Side															
TP1-F	NA	01/23/92	5.0	2.5	--		--	<0.050	<0.10	<0.10	<0.10	--			
TP1-SW	NA	01/23/92	2.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
TP2-F	NA	01/23/92	5.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
SDOX-F2	NA	--	3.0	--	--		--	--	--	--	--	--			
SDOX-F3	NA	02/19/92	11.0	**69**	--		--	**0.91**	2.9	0.97	6	--			
SDOX-F4	NA	02/20/92	15.0	**150**	--		--	**0.47**	4.7	2.8	**18**	--			
SDOX-SW	NA	02/19/92	5.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
SDOX-WW2	NA	02/19/92	3.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
SDOX-EW2	NA	--	5.0	--	--		--	--	--	--	--	--			
SDOX-EW3	NA	02/19/92	5.0	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--			
SDOX-DWW1	NA	02/20/92	11.0	**470**	--		--	**1.4**	**14**	**7.9**	**48**	--			
SDOX-DSW1	NA	02/20/92	12.0	**1,200**	--		--	**4.9**	**69**	**36**	**210**	--			
SDOX-DEW1	NA	02/20/92	10.0	**57**	--		--	<0.050	0.36	0.42	2.3	--			
ESE - Results of Limited Site Assessment, Circle K Facility 1476, 12660 1st Avenue South, Seattle (Burien), Washington - July 9, 1992:															
B-1	B-1	04/20/92	15	**960**	--		--	**0.62**	**34**	**18**	**110**	--	--	--	--
B-4	B-4	05/04/92	5	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			10	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			15	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			20	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			25	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			30	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			35	<1.0	--		--	**0.098**	0.2	<0.10	0.16	--	--	--	--
			40	**62**	--		--	**0.11**	0.71	0.42	2.7	--	--	--	--
			45	**100**	--		--	**3.7**	**9.1**	1.6	8.9	--	--	--	--
MW-1	B-5	05/05/92	5	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			10	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			15	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			20	12	--		--	**0.7**	1.8	0.24	1.5	--	--	--	--
			25	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			30	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			35	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			40	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--

TABLE 1
SUMMARY OF HISTORICALSOIL ANALYTICAL RESULTS
Former Phillips 66 Facility 2701476 (AOC #2063)
12660 First Avenue, South
Seattle, Washington

Sample Name	Boring/Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHo (mg/kg)	TRPH (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	MTBE (mg/kg)	EDB (mg/kg)	EDC (mg/kg)
			45	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			50	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
MW-2	B-3	05/04/92	5	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
			15	**170**	--		--	**0.47**	3.1	1.4	8.5	--	--	--	--
			20	**6,000**	--		--	**43**	**240**	**74**	**440**	--	--	--	--
			25	**190**	--		--	**1.4**	**9**	3.1	**17**	--	--	--	--
			30	**120**	--		--	**0.94**	5.2	1.9	**12**	--	--	--	--
			35	**1,700**	--		--	**13**	**91**	**28**	**180**	--	--	--	--
			40	6.4	--		--	0.13	0.38	<0.10	0.6	--	--	--	--
			45	22	--		--	<0.050	1.3	0.44	2.5	--	--	--	--
			50	<1.0	--		--	<0.050	<0.10	<0.10	<0.10	--	--	--	--
SEACOR - Additional Site Assessment Investigation Report, August 5, 1994:															
MW-3	MW-3	04/19/94	40 - 40.5	<1.0	--		--	<0.1	<0.1	<0.1	<0.1	<10	--	--	--
			60 - 60.5	<1.0	--		--	<0.1	<0.1	<0.1	<0.1	<10	--	--	--
MW-4	MW-4	04/19/94	40 - 40.5	<1.0	--		--	<0.1	<0.1	<0.1	<0.1	<10	--	--	--
			70 - 70.5	<1.0	--		--	<0.1	<0.1	<0.1	<0.1	<10	--	--	--
MW-5	MW-5	04/20/94	35 - 35.5	**2,100**	--		--	<0.1	**40**	**23**	**140**	<10	--	--	--
			75 - 75.5	**1,000**	--		--	**3.8**	**37**	**14**	**78**	<10	--	--	--
MW-6	MW-6	04/20/94	40 - 40.5	16	--		--	**0.1**	0.33	0.1	0.63	<10	--	--	--
			60 - 60.5	<1.0	--		--	**0.12**	0.11	<0.1	<0.1	<10	--	--	--
AI-1	AI-1	04/20/94	20 - 20.5	11	--		--	**0.17**	0.42	0.2	1.0	<10	--	--	--
			40 - 40.5	4.9	--		--	**0.11**	0.18	<0.1	0.21	<10	--	--	--
SEACOR - Additional On-Site and Initional Off-Site Subsurface Investigation, January 9, 1995:															
MW-3	Recompleted	10/25/94	80 - 80.5	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
MW-7	MW-7	10/26/94	70.5 - 71.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			75.5 - 76.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
MW-8	MW-8	10/27/94	70.5 - 71.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			75.5 - 76.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			80.5 - 81.0	17	--		--	**2.11**	2.8	0.3	1.4	<10	--	--	--
MW-9	MW-9	10/25/94	61.0 - 61.5	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			75.0 - 75.5	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			80.8 - 80.5	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
MW-10	MW-10	10/27/94	80.5 - 81.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
MW-11	MW-11	10/26/94	70.5 - 71.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			75.5 - 76.0	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
SEACOR - Additional On-Site and Initional Off-Site Subsurface Investigation, January 9, 1995:															
MW-12	MW-12	04/18/95	55	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
			70	<5.0	--		--	<0.05	<0.1	<0.1	<0.1	<10	--	--	--
SEACOR - Decommissioning and Site Assessment of the Used Oil and the Fuel Oil Underground Storage Tanks, September 19, 1995:															
Confirmation Samples From Used Oil Tank Excavation															
SP-1	stockpile	08/07/95	NA	--	--		<25	--	--	--	--	--	--	--	--
SP-2	stockpile	08/07/95	NA	--	--		<25	--	--	--	--	--	--	--	--
SP-3	stockpile	08/07/95	NA	--	--		25	--	--	--	--	--	--	--	--
UO-1	bottom	08/07/95	8	--	--		<25	--	--	--	--	--	--	--	--
UO-2	NW sidewall	08/07/95	4	--	--		<25	--	--	--	--	--	--	--	--
UO-3	SE sidewall	08/07/95	5	--	--		<25	--	--	--	--	--	--	--	--
Confirmation Samples From Fuel Oil Tank Excavation															
SP-4	stockpile	08/07/95	NA	--	--		<25	--	--	--	--	--	--	--	--
SP-5	stockpile	08/07/95	NA	--	--		<25	--	--	--	--	--	--	--	--
SP-6	stockpile	08/07/95	NA	--	--		<25	--	--	--	--	--	--	--	--
HO-1	bottom	08/07/95	8	--	--		<25	--	--	--	--	--	--	--	--
HO-2	S-SE sidewall	08/07/95	4	--	--		<25	--	--	--	--	--	--	--	--
HO-3	N-NW sidewall	08/07/95	4	--	--		<25	--	--	--	--	--	--	--	--
Cardno ATC - Post Remediation Soil Assessment, Phillips 66 Facility No. 2701476 (AOC #2063), 12660 First Avenue, South, Seattle, Washington - April 10, 2013:															
SB-1-5'	SB-1	07/18/12	5	<4.7	--		--	<0.0026	<0.0026	<0.0026	<0.0079	1.5	<0.0026	<0.0026	<0.0026
SB-1-30'	SB-1	07/18/12	30	**273**	--		--	0.0135	0.873	1.59	**11**	1.1	<0.0027	<0.0027	<0.0027
SB-1-50'	SB-1	07/18/12	50	**49.1**	--		--	**0.172**	0.800	0.459	2.99	0.88	<0.0027	<0.0027	<0.0027
SB-2-5'	SB-2	07/18/12	5	<4.3	--		--	<0.0027	<0.0027	<0.0027	<0.0081	2.2	<0.0027	<0.0027	<0.0027
SB-2-35'	SB-2	07/18/12	35	**159**	--		--	<0.0027	0.0079	0.0198	0.104	1.0	<0.0027	<0.0027	<0.0027
SB-2-40'	SB-2	07/18/12	40	<4.6	--		--	<0.0029	<0.0029	<0.0029	<0.0088	1.1	<0.0029	<0.0029	<0.0029
SB-3-5'	SB-3	07/19/12	5	6.2	--		--	<0.0026	<0.0026	<0.0026	<0.0079	10.4	<0.0026	<0.0026	<0.0026
SB-3-20'	SB-3	07/19/12	20	**177**	--		--	<0.0025	0.0164	0.0144	0.078	1.0	<0.0025	<0.0025	<0.0025
SB-3-50'	SB-3	07/19/12	50	13.7	--		--	<0.0025	0.0049	0.0051	0.032	1.2	<0.0025	<0.0025	<0.0025
SB-3-55'	SB-3	07/19/12	55	27.0	--		--	<0.0029	0.0075	0.0135	0.080	1.7	<0.0029	<0.0029	<0.0029
SB-4-5'	SB-4	07/19/12	5	<5.1	--		--	<0.0026	<0.0026	<0.0026	<0.0078	1.6	<0.0026	<0.0026	<0.0026
SB-4-30'	SB-4	07/19/12	30	7.3	--		--	<0.0029	0.0084	0.0085	0.133	0.99	<0.0029	<0.0029	<0.0029
SB-4-45'	SB-4	07/19/12	45	15.2	--		--	0.0275	0.124	0.246	0.00114	1.2	<0.0026	<0.0026	<0.0026
SB-4-50'	SB-4	07/19/12	50	**125**	--		--	**0.113**	2.560	1.470	0.0835	0.94	<0.0032	<0.0032	<0.0032
SB-5-10'	SB-5	07/19/12	10	<4.6	--		--	<0.0025	<0.0025	<0.0025	<0.0076	1.2	<0.0025	<0.0025	<0.0025
SB-5-30'	SB-5	07/19/12	30	**56.5**	--		--	<0.0026	0.0028	0.0034	0.0138	1.2	<0.0026	<0.0026	<0.0026
SB-5-45'	SB-5	07/19/12	45	**675**	--		--	0.0077	1.440	2.530	**20.1**	1.0	<0.0024	<0.0024	<0.0024
SB-5-50'	SB-5	07/19/12	50	10.9	--		--	0.0059	0.0594	0.0205	0.128	1.0	<0.0027	<0.0027	<0.0027
ATC - 2018 Well Installation, Phillips 66 Facility No. 2701476 (AOC #2063), October, 2018:															
GW-8S-5	GW-8S	10/17/18	5	<0.78	--	--	--	<0.0033	<0.0142	<0.0032	<0.0135	1.6	--	--	--
GW-8S-15	GW-8S	10/30/18	15	<0.68	--	--	--	<0.0029	<0.0125	<0.0028	<0.0119	1.1	--	--	--
GW-8S-40	GW-8S	10/30/18	40	<0.71	--	--	--	<0.0031	<0.0135	<0.0030	<0.0128	1.2	--	--	--

TABLE 1
SUMMARY OF HISTORICALSOIL ANALYTICAL RESULTS
Former Phillips 66 Facility 2701476 (AOC #2063)
12660 First Avenue, South
Seattle, Washington

Sample Name	Boring/Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHo (mg/kg)	TRPH (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	MTBE (mg/kg)	EDB (mg/kg)	EDC (mg/kg)
GW-10S-5.5	GW-10S	10/29/18	5.5	<0.75	--	--	--	<0.0030	<0.0130	<0.0029	<0.0123	2.2	--	--	--
GW-10S-15	GW-10S	10/29/18	15	<0.71	--	--	--	<0.0032	<0.139	<0.0031	<0.0132	1.2	--	--	--
GW-10S-30	GW-10S	10/29/18	30	<0.74	--	--	--	<0.0031	<0.0136	<0.0030	<0.0130	1.2	--	--	--
GW-13S-5	GW-13S	10/09/18	5	<0.74	<2.7	<4.7	--	<0.0033	<0.0141	<0.0031	<0.0134	1.4	--	--	--
GW-13S-20	GW-13S	10/11/18	20	<0.71	<2.6	<4.7	--	<0.0030	<0.0130	<0.0029	<0.0124	1.2	--	--	--
GW-13S-40	GW-13S	10/11/18	40	<0.70	<2.6	<4.7	--	<0.0030	<0.0131	0.0093 J	<0.0125	1.2	--	--	--
GW-13S-50	GW-13S	10/11/18	50	<0.74	<2.6	<4.7	--	<0.0031	<0.0132	<0.0029	<0.0126	1.3	--	--	--
GW-13D-60	GW-13D	10/12/18	60	<0.93	--	--	--	**0.553**	<0.0150	<0.0033	<0.0142	3.7	--	--	--
GW-13D-85	GW-13D	10/12/18	85	<0.79	--	--	--	<0.0032	<0.0138	<0.0031	<0.0131	1.2	--	--	--
GW-14S-15	GW-14S	10/17/18	15	<0.74	--	--	--	<0.0032	<0.0137	<0.0031	<0.0131	1.1	--	--	--
GW-14S-20	GW-14S	10/17/18	20	3.8J	--	--	--	<0.0031	<0.0134	0.206	1.290	1.2	--	--	--
GW-14S-35	GW-14S	10/17/18	35	18.8	--	--	--	<0.0030	<0.0128	0.160	0.724	1.2	--	--	--
GW-14S-50	GW-14S	10/17/18	50	3.9J	--	--	--	0.0206 J	0.107	0.111	0.791	1.1	--	--	--
GW-14D-3	GW-14D	10/16/18	3	<0.71	--	--	--	<0.0030	<0.0129	<0.0029	<0.0123	1.6	--	--	--
GW-14D-80	GW-14D	10/18/18	80	<0.75	--	--	--	<0.0031	<0.0135	<0.0030	<0.0128	1.4	--	--	--
GW-15S-40	GW-15S	10/15/18	40	1.4 J	--	--	--	<0.0029	<0.0124	0.0358 J	<0.0118	1.3	--	--	--
GW-15D-3	GW-15D	10/10/18	3	<0.80	<3.0	<5.3	--	<0.0034	<0.0145	<0.032	<0.0138	1.8	--	--	--
GW-15D-70	GW-15D	10/16/18	70	<0.76	--	--	--	<0.0034	<0.0145	<0.0032	<0.0138	1.4	--	--	--
GW-16D-3	GW-16D	10/11/18	3	<0.72	<2.7	<4.8	--	<0.0031	<0.0132	<0.0029	<0.0126	2.0	--	--	--
GW-16D-15	GW-16D	10/25/18	15	<0.71	--	--	--	<0.0030	<0.0132	<0.0029	<0.0125	1.1	--	--	--
GW-16D-25	GW-16D	10/25/18	25	**77.5**	--	--	--	<0.0030	0.0658	2.310	**13.100**	1.1	--	--	--
GW-16D-35	GW-16D	10/25/18	35	<0.71	--	--	--	<0.0031	<0.0030	<0.0135	<0.0128	1.1	--	--	--
GW-16D-85	GW-16D	10/26/18	85	<0.84	--	--	--	<0.0036	<0.0156	<0.0035	<0.0148	1.3	--	--	--
GW-17S-20	GW-17S	10/23/18	20	<0.73	--	--	--	<0.0029	<0.0126	<0.0028	<0.0120	1.0	--	--	--
GW-17D-3	GW-17D	10/12/18	3	<0.69	--	--	--	<0.0031	<0.0135	<0.0030	<0.0129	1.6	--	--	--
GW-17D-85	GW-17D	10/24/18	85	<0.76	--	--	--	<0.0032	<0.0139	<0.0031	<0.0132	1.2	--	--	--
GW-18S-30	GW-18S	10/19/18	30	<0.72	--	--	--	<0.0030	<0.0130	<0.0029	<0.0123	1.2	--	--	--
GW-18S-45	GW-18S	10/19/18	45	**55.3**	--	--	--	<0.0032	0.0272 J	0.119	0.533 J	1.1	--	--	--
GW-18S-50	GW-18S	10/19/18	50	<0.69	--	--	--	<0.0029	0.0129 J	0.0148 J	<0.0121	1.3	--	--	--
GW-18D-70	GW-18D	10/22/18	70	<0.73	--	--	--	<0.0029	<0.0127	<0.0028	<0.0120	1.3	--	--	--
GW-18D-75	GW-18D	10/22/18	75	<0.73	--	--	--	<0.0030	<0.0131	<0.0029	<0.0125	1.3	--	--	--
MTCA Method A Cleanup Levels				100^{2} $(30)^{3}$	2,000	2,000	NE	0.03	7	6	9	250.0	0.100	0.005	NE

EXPLANATION:
ft bgs = feet below ground surface
mg/kg = milligrams per kilogram
TPHg = Total Petroleum Hydrocarbons as Gasoline. Analytical Methods as Follows:
Samples collected on January 2, 1992 were analyzed for diesel-range hydrocarbons by EPA method 8015M.
Samples collected between January 7, 1992 and April 18, 1995, were analyzed for gasoline-range hydrocarbons and BTEX by WTPH-G (EPA Method 5030/8015/8020) and lead by EPA Method 7420.
Samples collected on August 7, 1995, were analyzed for Total Petroleum Hydrocarbons as Heavy Petroleum Oils in Soil Matrix (TRPH [approximate hydrocarbon range C12 to C30]) by EPA Method 9071/418.1.
Samples collected on July 18 and 19, 2012 and in October, 2018 were analyzed for gasoline-range hydrocarbons by Northwest Method NWTPH-Gx, VOCs by EPA Method 8260/5035 and lead by EPA Method 6010.
** = sample depth not indicated in report, assume between 14 feet and 15 feet deep.
TPHg = Total Petroleum Hydrocarbons as Gasoline.
TPHd, TPHmo = Total Petroleum Hydrocarbons as Diesel and as Oil, respectively.
TRPH = Total Recoverable Petroleum Hydrocarbons.
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes
Bold values indicate that reported laboratory analytical result excees MTCA Method A Cleanup Level
MTBE - Methyl Tertiary-Butyl ether
NE = Not Established
EDB = 1,2-Dibromoethane
EDC = 1,2-Dichloroethane
-- = Not analyzed, N/A = Not applicable, NE = Not established, < = Less than the stated laboratory reporting limit
< = Analyte not detected above laboratory method reporting limit
Note 1: Soil represented by sample subsequently removed during over-excavation activities.
Note 2: MTCA Method A Cleanup Level for gasoline mixtures without benzene and the total of ethylbenzene, toluene and xylene are less than 1% of the gasoline mixture.
Note 3: MTCA Method A Cleanup Level for all other mixtures of gasoline.

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
GW-1	05/07/91	38.97	0.00	61.03	--	--	--	--	--	--	--	--	--	--
100.00	05/08/92	41.28	0.00	58.72	--	--	--	--	--	--	--	--	--	--
	05/20/92	39.46	0.00	60.54	--	--	--	--	--	--	--	--	--	--
	03/10/94	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/02/94	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/11/94	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/17/95	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/95	47.30	0.00	52.70	**30,000**	--	--	**6,300**	**4,900**	638	**3,920**	--	**30**	--
	08/09/95	47.65	0.00	52.35	**17,000**	--	--	**3,200**	**1,700**	230	**1,400**	--	10	--
	11/06/95	48.86	0.00	51.14	--	--	--	--	--	--	--	--	--	--
	02/13/96	49.60	0.00	50.40	--	--	--	--	--	--	--	--	--	--
	02/21/96	49.54	0.00	50.46	--	--	--	--	--	--	--	--	--	--
	05/21/96	39.91	0.00	60.09	**62,000**	--	--	**14,000**	**16,000**	**780**	**5,100**	--	7	--
	06/06/96	39.78	0.00	60.22	--	--	--	--	--	--	--	--	--	--
	06/11/96	39.85	0.00	60.15	--	--	--	--	--	--	--	--	--	--
	09/24/96	42.14	0.00	57.86	**75,000**	--	--	**14,000**	**15,000**	**890**	**5,400**	--	4	--
	12/12/96	46.97	0.00	53.03	--	--	--	--	--	--	--	--	--	--
	03/24/97	34.84	0.00	65.16	**170,000**	--	--	**29,000**	**44,000**	**2,000**	**14,000**	--	**18**	--
	04/11/97	30.69	0.00	69.31	--	--	--	--	--	--	--	--	--	--
	06/18/97	29.13	0.00	70.87	**230,000**	--	--	**46,000**	**72,000**	**3,600**	**21,000**	--	13	--
	08/25/97	35.41	0.00	64.59	**170,000**	--	--	**3,000**	**46,000**	**2,900**	**16,000**	--	13	--
	11/19/97[*]	41.87	0.00	58.13	**170,000**	--	--	**25,000**	**39,000**	**3,200**	**17,000**	--	14	--
	02/12/98[NP]	43.10	0.00	56.90	**82,000**	--	--	**20,000**	**12,000**	**2,300**	**210**	--	<2	--
	05/14/98[NP]	32.37	0.00	67.63[b]	**180,000**	--	--	**41,000**	**59,000**	**2,000**	**19,000**	--	<2	--
	08/25/98[NP]	26.81	0.00	73.19[b]	**140,000**	--	--	**27,000**	**37,000**	**1,700**	**16,000**	--	**22**	--
	11/13/98[NP]	29.49	0.00	70.51[b]	**63,000**	--	--	**12,000**	**12,000**	320	**9,200**	--	9	--
	02/10/99	45.96	**Trace**	54.04[b]	LPH Present	--	--					--	--	
	05/28/99[NP]	17.18	0.00	82.82[b]	**69,000**	--	--	**490**	**4,400**	490	**12,000**	--	10	--
	08/18/99[NP]	43.70	0.00	56.30[b]	**32,000**	--	--	**2,100**	190	250	**3,600**	--	--	--
	11/11/99[NP]	34.01	0.00	65.99	**6,110**	--	--	**849**	333	31.8	**1,320**	--	7.67	--
	02/09/00[NP]	48.11	0.00	51.89	**83,000**	--	--	**1,200**	860	**740**	**13,000**	--	**301**	--
	05/24/00[NP]	26.35	**Trace**	73.65	**1,200**	--	--	**55.9**	81.2	2.09	248	--	--	--
	09/11/00[NP]	25.75	0.00	74.25	883	--	--	**36.1**	54.0	<0.690	161	--	--	--
	11/27/00	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	44.58	0.00	55.42	154	--	--	**12.6**	5.08	< 0.500	17.1	--	--	--
	05/16/01	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/30/01[NP]	43.17	0.00	56.83	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	2.62	--
	11/19/01	NM	0.00	--	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	05/04/02	40.32	0.00	59.68	<50.0	--	--	1.29	<0.500	<0.500	1.62	--	<1.00	--
	11/20/02	36.15	0.00	63.85	149	--	--	0.575	0.938	<0.500	12.5	--	2.67	<1.00
	05/21/03[NP]	35.97	0.00	64.03	**1,620**	--	--	**56.7**	71.7	<5.00	511	**--**	8.58	4.98
	11/14/03[NP]	33.91	0.00	66.09	528	--	--	**15.0**	9.9	1.1	47	--	11.2	<5.00
	5/13/04[NP]	30.93	0.00	69.07	**5,200**	--	--	**1,340**	129	51.0	431	--	14.4	<5.00
	12/9/04 [NP]	35.99	0.00	64.01	**3,800**	--	--	**1,030**	201	<20	740	--	**15.0**	<10.0
	02/08/05	37.79	0.00	62.21	**1,310**	--	--	**98.6**	46.0	<5.0	275	--	<10.0	<10.0
	05/16/05	36.36	0.00	63.64	**3,380**	--	--	**699.0**	224.0	<10	676	12	<15	<15
	11/22/05	40.77	0.00	59.23	**5,900**	--	--	**2,200.0**	420.0	66.0	**1,200**	--	<8.4	--
	03/01/06	Dry	0.00	--	**--**	--	--	**--**	--	--	**--**	--	--	--
	05/30/06	47.26	0.00	52.74	**860[d]**	--	--	**96[d]**	8.6[d]	12[d]	120[d]	--	**144**	<6.9
	08/28/06	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/14/06	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/21/07	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/22/07	39.18	0.00	60.82	160	--	--	**92**	4	2	5	<0.5	<6.9	<6.9
	08/20/07	45.01	0.00	54.99	110	--	--	**12**	2	1	5	<0.5	<6.9	<6.9
	11/19/07	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/19/08	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
414.74	08/18/08	49.56	0.00	365.18	Well not sampled due to low water column.									
	11/17/08	49.60	0.00	365.14	Well not sampled due to low water column.									
	02/04/09	51.20	0.00	363.54	--	--	--	--	--	--	--	--	--	--
	05/04/09	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/03/09	44.90	0.00	369.84	--	--	--	--	--	--	--	--	--	--
	11/03/09	48.74	0.00	366.00	Well gauged only this quarter.									
	02/08/10	49.48	0.00	365.26	Well gauged only this quarter.									
	05/03/10	43.45	0.00	371.29	Well gauged only this quarter.									
	09/07/10	45.99	0.00	368.75	Well gauged only this quarter.									
	12/01/10	48.84	0.00	365.90	Well gauged only this quarter.									
	02/10/11	45.91	0.00	368.83	Well gauged only this quarter.									
	05/18/11	35.25	0.00	379.49	Well gauged only this quarter.									
	09/02/11	43.42	0.00	371.32	Well gauged only this quarter.									
	12/07/11	dry	0.00	--	Well gauged only this quarter.									
	02/23/12	49.36	0.00	365.38	Well not sampled due to low water column.									
	05/22/12	39.57	0.00	375.17	<500	--	--	**9.8**	<1.0	<1.0	<3.0	--	0.81	<0.10
	08/01/12	43.70	0.00	371.04	<50	--	--	<1.0	<1.0	1.2	<3.0	--	0.21	1.0
	03/22/13	43.28	0.00	371.46	<100	--	--	4.6	<1.0	<1.0	<3.0	--	<3.0	<10.0

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	09/20/13	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
GW-1 Contd.	12/18/14	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	04/29/15	42.89	0.00	371.85	<100	--	--	**7.70**	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	46.82	0.00	367.92	<100	--	--	1.2	<1.0	<1.0	<3.0	--	--	--
	10/15/15	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/27/16	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/17	46.03	0.00	368.71	<100	--	--	<1.0	<1.0	<1.0	<1.0	--	<10.0	<10.0
	09/04/18	48.59	0.00	366.15	Well not sampled due to low water column.									
	Well Decommissioned in October 2018													
GW-2	05/07/91	35.56	0.00	63.76	--	--	--	--	--	--	--	--	--	--
99.32	05/08/92	36.53	0.00	62.79	--	--	--	--	--	--	--	--	--	--
	03/10/94	48.43	**4.15**	54.00	LPH Present	--	--							--
	05/02/94	--	**0.20**	--	LPH Present	--	--	--	--	--	--	--	--	--
	11/11/94	44.37	**0.07**	55.00	LPH Present	--	--	--	--	--	--	--	--	--
	02/17/95	44.92	**0.03**	54.42	LPH Present	--	--	--	--	--	--	--	--	--
	05/16/95	36.19	**0.17**	63.26	**150,000**	--	--	**21,000**	**26,000**	**2,200**	**14,000**	--	9	--
	08/09/95	39.16	**0.31**	60.39	LPH Present	--	--	--	--	--	--	--	--	--
	11/06/95	42.42	**0.11**	56.98	LPH Present	--	--	--	--	--	--	--	--	--
	02/13/96	36.62	**0.12**	62.79	LPH Present	--	--	--	--	--	--	--	--	--
	02/21/96	36.68	**0.13**	62.74	LPH Present	--	--	--	--	--	--	--	--	--
	05/21/96	28.04	**0.37**	71.56	LPH Present	--	--	--	--	--	--	--	--	--
	06/06/96	29.09	**0.41**	70.54	LPH Present	--	--	--	--	--	--	--	--	--
	06/11/96	29.17	**0.38**	70.44	LPH Present	--	--	--	--	--	--	--	--	--
	09/24/96	37.45	**0.41**	62.18	LPH Present	--	--	--	--	--	--	--	--	--
	12/12/96	40.86	**0.22**	58.63	LPH Present	--	--	--	--	--	--	--	--	--
	03/24/97	25.93	**0.13**	73.49	LPH Present	--	--	--	--	--	--	--	--	--
	04/11/97	23.84	**0.19**	75.62	LPH Present	--	--	--	--	--	--	--	--	--
	06/18/97	25.87	**0.02**	73.47	LPH Present	--	--	--	--	--	--	--	--	--
	08/25/97	32.77	**0.18**	66.69	LPH Present	--	--	--	--	--	--	--	--	--
	11/19/97*	37.67	**0.07**	61.70	LPH Present	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	32.81	**0.03**	66.53	LPH Present	--	--	--	--	--	--	--	--	--
	05/14/98[NP]	26.37	**0.04**	72.98	LPH Present	--	--	--	--	--	--	--	--	--
	08/25/98	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/13/98	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/28/99	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	33.58	0.00	65.74[b]	**180,000**	--	--	**15,000**	**22,000**	**2,200**	**20,000**	--	--	--
	11/11/99[NP]	46.15	0.00	53.17	**85,600**	--	--	**4,360**	**7,750**	**1,160**	**12,300**	--	**152**	--
	02/09/00[NP]	38.30	0.00	61.02	**130,000**	--	--	**11,000**	**17,000**	**1,300**	**18,000**	--	6	--
	05/24/00	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/11/00[NP]	46.35	0.00	52.97	**55,000**	--	--	**2,620**	**1,910**	410	**7,380**	--	--	--
	11/27/00	43.56	**Trace**	55.76	**76,100**	--	--	**6,030**	**8,660**	**1,050**	**10,500**	--	**148**	--
	02/23/01	46.15	0.00	53.17	**64,300**	--	--	**5,100**	**5,880**	667	**9,140**	--	**129**	--
	05/16/01	42.48	0.00	56.84	**83,300**	--	--	**4,620**	**8,480**	**1,060**	**10,200**	--	**248**	--
	08/30/01[NP]	42.07	**0.01**	57.26	LPH Present	--	--	--	--	--	--	--	--	--
	11/19/01	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/04/02	31.15	0.00	68.17	**51,900**	--	--	**5,330**	**4,780**	255	**7,650**	--	**38.2**	--
	11/20/02	46.25	0.00	53.07	**50,900**	--	--	**3,010**	**5,600**	**800**	**8,110**	--	**3,850**	<1.00
	05/21/03[NP]	45.86	0.00	53.46	**35,100**	--	--	**3,910**	**4,020**	248	**4,760**	--	**26.8**	**14.6**
	11/14/03[NP C]	44.35	0.00	54.97	**1,760**	--	--	**96.2**	11.0	1.0	73.1	--	<5.00	<5.00
	5/13/04[NP]	28.97	0.00	70.35	**7,370**	--	--	**446**	705	30.4	983	--	8.28	<5.00
	12/9/04 [NP]	42.42	0.00	56.90	**19,500**	--	--	**2,370**	**1,410**	140	**1,980**	--	**20.9**	<10.0
	02/08/05	39.87	0.00	59.45	**32,000**	--	--	**3,520**	**2,160**	191	**3,280**	--	**24.8**	<10.0
	05/16/05	39.50	0.00	59.82	**8,600**	--	--	**166**	144	21	470	6.74	15.6	<15
	08/18/05	44.78	0.00	54.54	**10,000**	--	--	**930**	220	79	900	<5.0	**283**	--
	11/22/05	48.18	0.00	51.14	**15,000**	--	--	**2,600**	770	110	**1,400**	--	<8.4	--
	03/01/06	36.10	0.00	63.22	**7,800**	--	--	**380**	400	46	760	<0.5	<8.4	--
	05/30/06	42.90	0.00	56.42	**3,500**	--	--	**160**	65	23	280	--	**26.2**	<6.9
	08/28/06	44.20	0.00	55.12	**4,800**	--	--	**390**	120	43	460	0.9	<6.9	<6.9
	11/14/06	44.06	0.00	55.26	**12,000**	--	--	**860**	720	130	**1,500**	<1	<6.9	<6.9
	02/21/07	34.22	0.00	65.10	**6,800**	--	--	**920**	570	99	810	<1	70.4	62.2
	05/22/07	32.70	0.00	66.62	**20,000**	--	--	**650**	1,000	380	**2,700**	<1	<6.9	<6.9
	08/20/07	35.26	0.00	64.06	**49,000**	--	--	**6,300**	**6,500**	600	**5,100**	<5	<6.9	<6.9
	11/19/07	41.37	0.00	57.95	**12,000**	--	--	**2,000**	390	260	**1,200**	0.6	**15.1**	<6.9
	02/19/08	38.17	0.00	61.15	**21,000**	--	--	**2,400**	980	440	**2,500**	<3	10.4	8.8
413.94	05/19/08	35.80	0.00	378.14	**35,000**	--	--	**4,600**	**3,100**	670	**4,500**	<2.0	**23.7**	<6.9
	08/18/08	38.75	0.00	375.19	**20,000**	--	--	**3,200**	**1,400**	560	**3,500**	<3.0	<6.9	<6.9
	11/18/08	41.75	0.00	372.19	**28,000**	--	--	**3,000**	690	670	**4,500**	<3	14.40	<6.9
	02/04/09	39.85	0.00	374.09	**28,700**	**2,800**	<410	**1,600**	130	560	**3,700**	<1	1.34	--
	05/05/09	36.00	0.00	377.94	**40,800**	**1,200**	<420	**3,590** 2n	**1,760**	634	**4,590**	<1.0	3.3	<1.0
	08/03/09	36.60	0.00	377.34	**40,300**	--	--	**6,710**	**2,440**	**959**	**7,180**	<5.0	3.2	2.5
	11/03/09	41.22	0.00	372.72	**28,700** 1n,Z2	--	--	**2,880**	673	644	**3,460**	<5.0	12.3	0.39
	02/08/10	37.04	0.00	376.90	**42,600** 1n	--	--	**4,940**	**1,830**	**1,200**	**8,320**	<1.0	**24.7**	1.2
	05/03/10	32.17	0.00	381.77	**17,400**	--	--	**2,060**	746	422	**2,990**	<1.0	4.1	0.36
	09/07/10	36.61	0.00	377.33	**30,700**	--	--	**6,770**	**1,930**	**901**	**5,480**	<1.0	12.9	0.22

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
					TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	12/01/10	39.35	0.00	374.59	**20,600**	--	--	**3,260**	**283**	**802**	**3,450**	<1.0	9.2	0.14
	02/10/11	31.63	0.00	382.31	**10,700**	--	--	**975**	**250**	359	**2,020**	<1.0	--	--
GW-2 contd.	05/18/11	25.11	0.00	388.83	**503**	--	--	**6.7**	<1.0	2.3	35.0	--	0.46	0.30
	09/02/11	34.81	0.00	379.13	**23,700**	--	--	**2,880**	317	563	**2,710**	--	3.2	0.97
	12/07/11	40.12	0.00	373.82	**15,300**	--	--	**1,280**	64.8	430	**1,210**	<1.0	5.0	0.14
	02/23/12	39.98	0.00	373.96	**18,400**	--	--	**1,110**	53.7	356	**1,360**	--	1.1	--
	05/22/12	29.37	0.00	384.57	**9,810**	--	--	**1,780**	148	304	**1,320**	--	0.36	0.23
	08/01/12	33.91	0.00	380.03	**11,200**	--	--	**1,820**	97.4	428	**1,470**	--	0.26	0.19
	03/22/13	32.59	0.00	381.35	**4,300**	--	--	**466**	13.7	114	271	--	<3.0	<10.0
	09/20/13	34.58	0.00	379.36	**19,600**	--	--	**3,960**	130.0	**760**	220	--	**16.70**	<10.0
	12/19/14	39.91	0.00	374.03	**13,000**	120	<500	**1,900**	33.0	**810**	**1,500**	--	<5.0	<5.0
	04/29/15	30.61	0.00	383.33	**13,600**	--	--	**1,830**	42.6	599	**1,300**	--	<10.0	<10.0
	07/23/15	35.92	0.00	378.02	**22,500**	--	--	**5,670**	190	**907**	**2,300**	--	--	--
	10/15/15	40.35	0.00	373.59	**10,700**	--	--	**1,460**	26.3	449	537	--	--	--
	09/27/16	38.80	0.00	375.14	**10,400**	--	--	**1,140**	61.4	479	898	--	<10.0	<10.0
	09/20/17	35.11	0.00	378.83	**2,860**	--	--	**327**	22.0	174	294	--	<10.0	<10.0
	09/05/18	37.61	0.00	376.33	**7,570**	--	--	**1,070**	50.2	579	404	--	2.0 J	<2.0
	Well Decommissioned in Octoer 2018													
GW-2A	12/9/04 [NP]	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
NE	02/08/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	05/16/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	08/18/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	11/22/05	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	03/01/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	05/30/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	08/28/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	11/14/06	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	02/21/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	05/22/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	08/20/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	11/19/07	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	02/19/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
414.5	05/19/08	NM	0.00	NE	--	--	--	--	--	--	--	--	--	--
	08/18/08	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/18/08	NM	Stinger lodged in well, unable to gauge or sample.											
	02/04/09	NM	Stinger lodged in well, unable to gauge or sample.											
	05/04/09	NM	Stinger lodged in well, unable to gauge or sample.											
	08/03/09	NM	Stinger lodged in well, unable to gauge or sample.											
	11/03/09	NM	Stinger lodged in well, unable to gauge or sample.											
	02/08/10	NM	Stinger lodged in well, unable to gauge or sample.											
	05/03/10	NM	Stinger lodged in well, unable to gauge or sample.											
	09/07/10	NM	Stinger lodged in well, unable to gauge or sample.											
	12/01/10	NM	Stinger lodged in well, unable to gauge or sample.											
	02/10/11	NM	Stinger lodged in well, unable to gauge or sample.											
	05/18/11	NM	Stinger lodged in well, unable to gauge or sample.											
	09/02/11	NM	Stinger lodged in well, unable to gauge or sample.											
	12/07/11	NM	Stinger lodged in well, unable to gauge or sample.											
	08/01/12	NM	Stinger lodged in well, unable to gauge or sample.											
	03/22/13	NM	Stinger lodged in well, unable to gauge or sample.											
	09/20/13	NM	Stinger lodged in well, unable to gauge or sample.											
	12/19/14	NM	Stinger lodged in well, unable to gauge or sample.											
	04/29/15	NM	Stinger lodged in well, unable to gauge or sample.											
	07/23/15	NM	Stinger lodged in well, unable to gauge or sample.											
	10/15/15	NM	Stinger lodged in well, unable to gauge or sample.											
	09/27/16	NM	Stinger lodged in well, unable to gauge or sample.											
	09/19/17	NM	Stinger lodged in well, unable to gauge or sample.											
	09/04/18	NM	Stinger lodged in well, unable to gauge or sample.											
	12/11/18	NM	Stinger lodged in well, unable to gauge or sample.											
GW-3	05/02/94	71.02	0.00	31.93	--	--	--	--	--	--	--	--	--	--
102.95	11/11/94	82.85	0.00	20.10	<50	--	--	<0.5	<1	<1	<1	--	<2	--
102.78	02/17/95	82.81	0.00	19.97	<50	--	--	<0.5	<1	<1	<1	--	2	--
	05/16/95	82.02	0.00	20.76	<50	--	--	<0.5	<1	<1	<1	--	5	--
	08/09/95	81.33	0.00	21.45	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	11/06/95	81.21	0.00	21.57	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	02/13/96	84.06	0.00	18.72	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	02/21/96	80.60	0.00	22.18	--	--	--	--	--	--	--	--	--	--
	05/21/96	79.24	0.00	23.54	--	--	--	--	--	--	--	--	--	--
	06/06/96	79.07	0.00	23.71	--	--	--	--	--	--	--	--	--	--
	06/11/96	78.97	0.00	23.81	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	09/24/96	78.21	0.00	24.57	<50	--	--	0.7	2	<1	3	--	2	--
	12/12/96	78.64	0.00	24.14	216	--	--	**21.6**	54	2	11	--	<2	--
	03/24/97	77.93	0.00	24.85	<50	--	--	<0.5	<1	<1	<1	--	**38**	--
	04/11/97	77.40	0.00	25.38	--	--	--	--	--	--	--	--	--	--
	06/18/97	76.11	0.00	26.67	<50	--	--	<0.5	1	<1	<1	--	13	--
	08/25/97	75.68	0.00	27.10	<50	--	--	<0.5	<1	<1	<1	--	13	--

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	11/19/97*	76.58	0.00	26.20	<50	--	--	<0.5	<1	<1	<1	--	**18**	--
	02/12/98NP	76.72	0.00	26.06	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	05/14/98NP	76.15	0.00	26.63	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/25/98	76.35	0.00	26.43[b]	--	--	--	--	--	--	--	--	--	--
	11/13/98	77.88	0.00	24.90[b]	--	--	--	--	--	--	--	--	--	--
	02/10/99	78.98	0.00	23.80[b]	--	--	--	--	--	--	--	--	--	--
	05/28/99NP	79.68	0.00	23.10[b]	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/18/99NP	76.45	0.00	26.33[b]	--	--	--	--	--	--	--	--	--	--
	11/11/99NP	79.18	0.00	23.60	--	--	--	--	--	--	--	--	--	--
	02/09/00NP	78.42	0.00	24.36	--	--	--	--	--	--	--	--	--	--
	05/24/00NP	77.46	0.00	25.32	352	--	--	<0.500	<0.500	<0.500	36.4	--	--	--
	09/11/00NP	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	81.80	0.00	20.98	<50	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	08/30/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	82.30	0.00	20.48	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	05/04/02	81.10	0.00	21.68	94.9	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	11/20/02	80.72	0.00	22.06	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	2.52	<1.00
	05/21/03NP	81.15	0.00	21.63	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	11/14/03NP	81.59	0.00	21.19	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04NP	81.35	0.00	21.43	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/9/04 NP	82.21	0.00	20.57	--	--	--	--	--	--	--	--	--	--
	02/08/05	82.54	0.00	20.24	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--
	05/16/05	82.75	0.00	20.03	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	82.56	0.00	20.22	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	82.51	0.00	20.27	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	03/01/06	82.40	0.00	20.38	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.8	<8.4	--
	05/30/06	81.72	0.00	21.06	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	81.10	0.00	21.68	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	81.50	0.00	21.28	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	81.05	0.00	21.73	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**64.5**	**62.2**
	05/22/07	81.10	0.00	21.68	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	79.42	0.00	23.36	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	80.47	0.00	22.31	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	7.4
	05/19/08	80.52	0.00	337.22	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/18/08	80.80	0.00	336.94	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.0	<6.9
	11/17/08	81.19	0.00	336.55	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/04/09	81.50	0.00	336.24	--	--	--	--	--	--	--	--	--	--
	05/04/09	81.72	0.00	336.02	87.2 4n	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	1.50	<1.0
GW-3 Cont.	08/03/09	81.65	0.00	336.09	--	--	--	--	--	--	--	--	--	--
	11/03/09	81.95	0.00	335.79	Well gauged only this quarter.									
	02/08/10	82.22	0.00	335.52	Well gauged only this quarter.									
	05/03/10	81.60	0.00	336.14	Well gauged only this quarter.									
	09/07/10	80.72	0.00	337.02	Well gauged only this quarter.									
	12/01/10	81.18	0.00	336.56	Well gauged only this quarter.									
	02/10/11	78.17	0.00	339.57	Well gauged only this quarter.									
	05/18/11	79.56	0.00	338.18	Well gauged only this quarter.									
	09/02/11	78.65	0.00	339.09	Well gauged only this quarter.									
	12/07/11	79.10	0.00	338.64	Well gauged only this quarter.									
	02/23/12	79.91	0.00	337.83	Well gauged only this quarter.									
	05/22/12	79.81	0.00	337.93	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/19/14	80.86	0.00	336.88	<100	<100	<500	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0
	04/29/15	80.70	0.00	337.04	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	80.19	0.00	337.55	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--
	10/15/15	80.61	0.00	337.13	<250	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--
	09/27/16	79.00	0.00	338.74	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/19/17	77.01	0.00	340.73	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
417.74	09/05/18	78.31	0.00	339.43	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	Well Decommissioned in Octoer 2018													
GW-4	05/02/94	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
101.84	11/11/94	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/17/95	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/95	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/09/95	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/06/95	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/13/96	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/21/96	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/21/96	78.27	0.00	23.57	--	--	--	--	--	--	--	--	--	--
	06/06/96	78.10	0.00	23.74	--	--	--	--	--	--	--	--	--	--
	06/11/96	78.02	0.00	23.82	--	--	--	--	--	--	--	--	--	--
	09/24/96	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/12/96	77.71	0.00	24.13	--	--	--	--	--	--	--	--	--	--
	03/24/97	76.88	0.00	24.96	<50	--	--	<50	<1	<1	<1	--	**52**	--

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	04/11/97	76.36	0.00	25.48	--	--	--	--	--	--	--	--	--	--
	06/18/97	75.08	0.00	26.76	<50	--	--	<50	<1	<1	<1	--	4	--
	08/25/97	74.70	0.00	27.14	300	--	--	**9.8**	15	3	46	--	4	--
	11/19/97[*]	75.61	0.00	26.23	<50	--	--	0.8	<1	<1	<1	--	**18**	--
	02/12/98[NP]	75.90	0.00	25.94	<50	--	--	1	<1	<1	<1	--	**27**	--
	05/14/98[NP]	75.18	0.00	26.66	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/25/98[NP]	75.45	0.00	26.39[b]	<50	--	--	<0.5	<1	<1	<1	--	**23**	--
	11/13/98[NP]	77.24	0.00	24.60[b]	<50	--	--	<0.5	<1	<1	<1	--	**103**	--
	02/10/99	78.08	0.00	23.76[b]	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	05/28/99[NP]	73.80	0.00	28.04[b]	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/18/99[NP]	75.54	0.00	26.30[b]	<50	--	--	0.5	<1	<1	2	--	--	--
	11/11/99[NP]	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	77.50	0.00	24.34	<50	--	--	<0.5	<1	<1	<1	--	**24**	--
	05/24/00[NP]	75.70	0.00	26.14	<50.0	--	--	<0.500	<0.500	<0.500	2.88	--	--	--
	09/11/00[NP]	71.56	0.00	30.28	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	11/27/00[NP]	78.40	0.00	23.44	141	--	--	<0.500	1.10	<0.500	5.59	--	**254**	--
	02/23/01	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/04/02	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/20/02	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/21/03[NP]	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/14/03[NP]	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	5/13/04[NP]	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/9/04 [NP]	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/08/05	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/05	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/18/05	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/22/05	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/01/06	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/30/06	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/28/06	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/14/06	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/21/07	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/22/07	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
GW-4 Contd.	8/20/2007[d]	78.47	DRY	23.37	--	--	--	--	--	--	--	--	--	--
	11/19/07	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
416.79	05/19/08	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/18/08	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/17/08	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/04/09	79.15	0.00	337.64	--	--	--	--	--	--	--	--	--	--
	5/4/090	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/03/09	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/03/09	79.10	0.00	337.69	Well gauged only this quarter.									
	02/08/10	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/03/10	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/07/10	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/01/10	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/10/11	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/18/11	78.55	0.00	338.24	Well gauged only this quarter.									
	09/02/11	77.64	0.00	339.15	Well gauged only this quarter.									
	12/07/11	78.21	0.00	338.58	Well gauged only this quarter.									
	02/23/12	Dry	0.00	--	Well gauged only this quarter.									
	05/22/12	Dry	0.00	--	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/19/14	Dry	0.00	--	--	--	--	--	--	--	--	--	--	--
	04/29/15	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--
	07/23/15	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--
	10/15/15	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--
	09/27/16	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--
	09/19/17	76.10	0.00	340.69	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/11/18	77.37	0.00	339.42	Well gauged only this quarter.									
	Well Decommissioned in Octoer 2018													
GW-5	05/02/94	78.84	0.00	20.14	**100,000**	**--**	**--**	**8,200**	**15,000**	**2,100**	**12,000**	--	3	--
98.98	11/11/94	79.14	0.00	19.84	**160,000**	--	--	**20,000**	**33,000**	**2,300**	**15,000**	--	6	--
	02/17/95	79.14	0.00	19.84	**130,000**	--	--	**14,000**	**25,000**	**1,550**	**11,000**	--	6	--
	05/16/95	78.31	0.00	20.67	**180,000**	--	--	**19,000**	**34,000**	**2,300**	**16,000**	--	8	--
	08/09/95	77.55	0.00	21.43	**200,000**	--	--	**22,000**	**38,000**	**2,400**	**18,000**	--	**17**	--
	11/06/95	77.49	0.00	21.49	**184,000**	--	--	**20,000**	**42,000**	**2,900**	**19,000**	--	**15**	--
	02/13/96	77.31	0.00	21.67	**190,000**	--	--	**19,000**	**42,000**	**2,900**	**18,000**	--	8	--
	02/21/96	76.89	0.00	22.09	--	--	--	--	--	--	--	--	--	--
	05/21/96	75.21	0.00	23.77	**32,000**	--	--	**1,800**	**2,100**	100	**5,900**	--	6	--
	06/06/96	75.04	0.00	23.94	--	--	--	--	--	--	--	--	--	--

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
					TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	06/11/96	75.07	0.00	23.91	--	--	--	--	--	--	--	--	--	--
	09/24/96	74.47	0.00	24.51	**56,000**	--	--	**3,800**	**5,100**	90	**8,700**	--	4	--
	12/12/96	74.99	0.00	23.99	**88,000**	--	--	**2,200**	**4,700**	43	**16,000**	--	**42**	--
	03/24/97	24.90	0.00	74.08	**7,800**	--	--	**690**	790	13	**1,300**	--	**34**	--
	04/11/97	73.31	0.00	25.67	--	--	--	--	--	--	--	--	--	--
	06/18/97	72.05	0.00	26.93	**90,000**	--	--	**9,000**	**21,000**	**1,400**	**12,000**	--	4	--
	08/25/97	71.85	0.00	27.13	**45,000**	--	--	**4,600**	**7,000**	180	**6,500**	--	4	--
	11/19/97*	72.77	0.00	26.21	**44,000**	--	--	**3,700**	**7,200**	530	**4,800**	--	5	--
	02/12/98[NP]	73.10	0.00	25.88	**65,000**	--	--	**6,800**	**10,000**	**990**	**5,500**	--	3	--
	05/14/98[NP]	72.40	0.00	26.58[b]	**56,000**	--	--	**7,700**	**11,000**	**1,000**	**10,000**	--	6	--
	08/25/98[NP]	67.44	0.00	31.54[b]	**25,000**	--	--	**120**	**450**	58	**5,300**	--	6	--
	11/13/98	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/28/99	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	72.85	0.00	26.13[b]	**4,900**	--	--	**430**	480	36	560	--	--	--
	11/11/99[NP]	76.11	0.00	22.87	276	--	--	3.07	4.94	0.815	22.2	--	**9.62**	--
	02/09/00[NP]	75.62	0.00	23.36	94	--	--	<0.5	2	<1	9	--	7	--
	05/24/00[NP]	38.60	0.00	60.38	367	--	--	**21.9**	40.1	1.34	77.2	--	--	--
	09/11/00[NP]	60.00	0.00	38.98	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	48.75	0.00	50.23	436	--	--	<0.500	4.35	1.57	50.1	--	5.31	--
	05/16/01	79.44	0.00	19.54	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	2.35	--
	08/30/01[NP]	77.78	0.00	21.20	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.04	--
	11/19/01	79.37	0.00	19.61	472	--	--	<0.500	8.43	1.34	79.1	--	1.93	--
	05/04/02	76.90	0.00	22.08	<50.0	--	--	<0.500	0.630	<0.500	1.82	--	<1.00	--
	11/20/02	76.93	0.00	22.05	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.70	<1.00
	05/21/03[NP]	78.00	0.00	20.98	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.02	<1.00
	11/14/03[NP C]	79.12	0.00	19.87	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	78.51	0.00	20.47	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/9/04 [NP]	80.04	0.00	18.94	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	78.70	0.00	20.28	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0
	05/16/05	79.64	0.00	19.34	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	80.55	0.00	18.43	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
GW-5 Contd.	11/22/05	78.24	0.00	20.74	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	03/01/06	77.97	0.00	21.01	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/30/06	77.33	0.00	21.65	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	76.68	0.00	22.30	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	78.35	0.00	20.63	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	76.70	0.00	22.28	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	43.6	43.3
	05/22/07	75.78	0.00	23.20	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	75.15	0.00	23.83	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	76.01	0.00	22.97	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/19/08	73.98	0.00	25.00	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
413.40	05/19/08	76.12	0.00	337.28	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/18/08	76.52	0.00	336.88	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/17/08	77.00	0.00	336.40	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/04/09	77.30	0.00	336.10	--	--	--	--	--	--	--	--	--	--
	05/04/09	77.40	0.00	336.00	<50.0 4n	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/03/09	77.38	0.00	336.02	--	--	--	--	--	--	--	--	--	--
	11/03/09	77.71	0.00	335.69	Well gauged only this quarter.									
	02/08/10	77.94	0.00	335.46	Well gauged only this quarter.									
	05/03/10	77.19	0.00	336.21	Well gauged only this quarter.									
	09/07/10	76.40	0.00	337.00	Well gauged only this quarter.									
	12/01/10	76.94	0.00	336.46	Well gauged only this quarter.									
	02/10/11	76.18	0.00	337.22	Well gauged only this quarter.									
	05/18/11	74.77	0.00	338.63	Well gauged only this quarter.									
	09/02/11	74.33	0.00	339.07	Well gauged only this quarter.									
	12/07/11	74.94	0.00	338.46	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	0.33	0.13
	02/23/12	75.78	0.00	337.62	Well gauged only this quarter.									
	05/22/12	75.44	0.00	337.96	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/19/14	76.60	0.00	336.80	<100	<100	<500	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0
	4/29/2015**	74.44	0.00	338.96	249	--	--	**14.2**	<1.0	1.6	14.7	--	<10.0	<10.0
	07/23/15	75.06	0.00	338.34	182	--	--	3.9	<1.0	2.4	7.6	--	--	--
	10/15/15	76.34	0.00	337.06	<250	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--
	09/27/16	74.75	0.00	338.65	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/20/17	63.21	0.00	350.19	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/05/18	74.04	0.00	339.36	<19.6	--	--	0.60 J	<0.083	<0.14	<0.31	--	<2.0	<2.0
	Well Decommissioned in October 2018													
GW-6	05/02/94	42.10	**1.90**	57.57	--	--	--	--	--	--	--	--	--	--
98.24	11/11/94	41.67	**0.65**	57.06	LPH Present	--	--					--	--	--
	02/17/95	41.13	**0.24**	57.29	LPH Present	--	--					--	--	--
	05/16/95	32.62	**0.24**	65.80	**130,000**	--	--	**14,000**	**21,000**	**2,000**	**11,000**	--	2	--

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	08/09/95	32.65	**0.03**	65.61	LPH Present	--	--					--	--	--
	11/06/95	40.26	**0.06**	58.03	LPH Present	--	--					--	--	--
	02/13/96	32.10	0.00	66.14	**68,000**	--	--	**11,000**	**13,000**	**1,100**	**6,000**	--	5	--
	02/21/96	32.18	**0.05**	66.10	--	--	--	--	--	--	--	--	--	--
	05/21/96	27.40	0.00	70.84	**36,000**	--	--	**2,300**	**3,300**	560	**3,700**	--	**20**	--
	06/06/96	28.16	0.00	70.08	--	--	--	--	--	--	--	--	--	--
	06/11/96	28.23	0.00	70.01	--	--	--	--	--	--	--	--	--	--
	09/24/96	35.38	0.00	62.86	**36,000**	--	--	**3,800**	**5,100**	**790**	**4,300**	--	**22**	--
	12/12/96	37.76	0.00	60.48	**66,000**	--	--	**4,100**	**7,900**	**1,100**	**6,500**	--	**48**	--
	03/24/97	24.55	0.00	73.69	**82,000**	--	--	**2,700**	**12,000**	**1,700**	**10,000**	--	**41**	--
	04/11/97	23.32	0.00	74.92	--	--	--	--	--	--	--	--	--	--
	06/18/97	25.51	0.00	72.73	**43,000**	--	--	**4,100**	**7,300**	**800**	**4,500**	--	10	--
	08/25/97	30.55	0.00	67.69	**52,000**	--	--	**5,600**	**11,000**	**1,200**	**6,200**	--	10	--
	11/19/97[*]	34.17	0.00	64.07	**81,000**	--	--	**8,700**	**15,000**	**1,500**	**7,700**	--	13	--
	02/12/98[NP]	26.67	0.00	71.57	**1,400**	--	--	**33**	51	59	110	--	6	--
	05/14/98[NP]	26.00	0.00	72.24[b]	**1,800**	--	--	**42**	170	98	310	--	5	--
	08/25/98[NP]	25.99	0.00	72.25[b]	**14,000**	--	--	**220**	890	**79**	**3,100**	--	5	--
	11/13/98	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/10/99	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/28/99	Inaccessible - L	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/18/99[NP]	32.94	0.00	65.30[b]	**26,000**	--	--	**1,100**	**2,600**	240	**3,100**	--	--	--
	11/11/99[NP]	43.39	0.00	54.85	218	--	--	1.11	5.55	0.642	30.1	--	4.47	--
	02/09/00[NP]	36.20	0.00	62.04	<50	--	--	<0.5	<1	<1	2	--	<2	--
	05/24/00[NP]	27.52	0.00	70.72	<50.0	--	--	2.31	1.05	<0.500	1.34	--	--	--
	09/11/00[NP]	26.46	0.00	71.78	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	11/27/00	40.05	0.00	58.19	**1,990**	--	--	**214**	265	20.7	333	--	**329**	--
	02/23/01	34.58	0.00	63.66	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.18	--
	05/16/01	43.52	0.00	54.72	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	08/30/01[NP]	40.20	0.00	58.04	<50.0	--	--	1.73	<0.500	<0.500	1.17	--	1.87	--
GW-6 Contd.	11/19/01	46.75	0.00	51.49	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
GW-6 Contd.	05/04/02	28.46	0.00	69.78	<50.0	--	--	0.748	<0.500	<0.500	1.08	--	5.23	--
	11/20/02	46.10	0.00	52.14	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	05/21/03[NP]	35.60	0.00	62.64	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	11/14/03[NP C]	46.05	0.00	52.19	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	34.02	0.00	64.22	<100	--	--	1.95	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/9/04 [NP]	42.73	0.00	55.51	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	39.02	0.00	59.40	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0
	05/16/05	33.23	0.00	65.01	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	82.10	0.00	16.14	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	38.57	0.00	59.67	<48	--	--	0.7	<0.2	<0.2	0.6	--	<8.4	--
	03/01/06	32.80	0.00	65.44	100	--	--	8	<0.7	<0.8	1	<0.5	<8.4	--
	05/30/06	32.49	0.00	65.75	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	--	0.00	--	<48	--	--	4	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	41.00	0.00	57.24	<48	--	--	4	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	31.14	0.00	67.10	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**57.8**	**47.6**
	05/22/07	27.90	0.00	70.34	<50	--	--	1	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	35.30	0.00	62.94	<50	--	--	2	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	38.67	0.00	59.57	700	--	--	**230**	15	49	7	<0.5	<6.9	<6.9
	02/19/08	34.37	0.00	63.87	390	--	--	<0.5	83	12	18	10	12.1	<6.9
413.26	05/19/08	32.28	0.00	380.98	**800**	--	--	**280**	37	52	49	<0.5	**23.4**	<6.9
	08/18/08	36.15	0.00	377.11	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/18/08	38.74	0.00	374.52	790	--	--	**290**	17	35	64	<0.5	<6.9	<6.9
	02/04/09	37.20	0.00	376.06	388	<83	<420	**300**	7.40	34	20	<1	1.06	--
	05/04/09	32.52	0.00	380.74	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	**20.8**	<1.0
	08/03/09	34.00	0.00	379.26	**2,050**	--	--	**697**	30.7	126	158	<5.0	1.4	0.4
	11/03/09	38.52	0.00	374.74	**1,660** 1n,Z2	--	--	**260**	8.6	100	118	<1.0	2.2	0.11
	02/08/10	33.24	0.00	380.02	19.2J, 1n	--	--	**16.7**	<1.0	1.8	3.8	<1.0	**18.8**	<0.10
	05/03/10	28.13	0.00	385.13	<50.0	--	--	1.1	<1.0	<1.0	<3.0	<1.0	**24.9**	<0.10
	09/07/10	33.90	0.00	379.36	**1,380**	--	--	**368**	13.2	93.9	156	<1.0	7.1	<0.10
	12/01/10	35.78	0.00	377.48	522	--	--	**277** M1	4.3	39.2	43.9	<1.0	5.3	0.25
	02/10/11	27.49	0.00	385.77	399	--	--	**123**	2.0	21.9	27.4	<1.0	1.6	0.14
	05/18/11	24.38	0.00	388.88	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	1.4	<0.10
	09/02/11	32.32	0.00	380.94	527	--	--	**79.8**	3.1	16.2	39.0	--	8.1	<0.10
	12/07/11	37.32	0.00	375.94	**1,260**	--	--	**112**	4.2	38.3	68.2	<1.0	1.6	0.14
	02/23/12	38.05	0.00	375.21	187	--	--	**37.2**	<1.0	8.6	8.4	--	4.8	--
	05/22/12	27.95	0.00	385.31	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	--	0.86	<0.10
	08/01/12	31.33	0.00	381.93	<50.0	--	--	4.8	<1.0	<1.0	<3.0	--	<0.10	<0.10
	03/22/13	29.28	0.00	383.98	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	**31.2**	<10.0
	09/20/13	32.94	0.00	380.32	**1,050**	--	--	**92.8**	6	39	97	--	<10.0	<10.0
	12/19/14	36.47	0.00	376.79	530	<100	<500	**190**	4.1	34	48	--	<5.0	<5.0
	4/29/2015**	27.39	0.00	385.87	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	33.54	0.00	379.72	**3,760**	--	--	**252**	19.0	164	303	--	--	--
	10/15/15	38.12	0.00	375.14	**2,560**	--	--	**197**	13.8	125	243	--	--	--
	10/07/16	37.00	0.00	376.26	**1,140**	--	--	**115**	7.0	49.5	77.0	--	<10.0	<10.0
	09/20/17	33.16	0.00	380.10	739	--	--	**128**	8.1	44.6	56.1	--	<10.0	<10.0
	09/04/18	35.34	0.00	377.92	<19.6	--	--	0.34 J	<0.083	0.25J	<0.31	--	<2.0	<2.0

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
					TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
GW-6 contd.	Well Decommissioned in Octoer 2018													
GW-7D [1]	11/11/94	77.35	0.00	19.82	<50	--	--	1.3	2	<1	2	--	<2	--
97.17	02/17/95	77.30	0.00	19.87	<50	--	--	0.7	<1	<1	<1	--	<2	--
	05/16/95	73.53	0.00	23.64	<50	--	--	1.5	<1	<1	<1	--	**19**	--
	08/09/95	75.50	0.00	21.67	<50	--	--	<4	<1	<1	<1	--	5	--
	11/06/95	75.73	0.00	21.44	<50	--	--	**6.6**	<1	<1	<1	--	12	--
	02/13/96	75.58	0.00	21.59	<50	--	--	1.1	<1	<1	<1	--	<2	--
	02/21/96	75.10	0.00	22.07	--	--	--	--	--	--	--	--	--	--
	05/21/96	73.61	0.00	23.56	--	--	--	--	--	--	--	--	--	--
	06/06/96	73.55	0.00	23.62	--	--	--	--	--	--	--	--	--	--
	06/11/96	73.46	0.00	23.71	<50	--	--	2.1	<1	<1	<1	--	7	--
	09/24/96	72.84	0.00	24.33	<50	--	--	2.6	<1	<1	<1	--	10	--
	12/12/96	73.18	0.00	23.99	<50	--	--	1.2	<1	<1	<1	--	9	--
	03/24/97	68.85	0.00	28.32	<50	--	--	0.8	<1	<1	<1	--	3	--
	04/11/97	71.89	0.00	25.28	--	--	--	--	--	--	--	--	--	--
	06/18/97	71.19	0.00	25.98	<50	--	--	1.0	<1	<1	<1	--	10	--
	08/25/97	70.32	0.00	26.85	<50	--	--	1.1	<1	<1	<1	--	10	--
	11/19/97[*]	71.79	0.00	25.38	<50	--	--	<1	<1	<1	<1	--	14	--
	02/12/98[NP]	71.27	0.00	25.90	<50	--	--	<1	<1	<1	<1	--	2	--
	05/14/98[NP]	70.75	0.00	26.42[b]	<50	--	--	<0.5	<1	<1	<1	--	6	--
	08/25/98	70.64	0.00	26.53[b]	--	--	--	--	--	--	--	--	--	--
	11/13/98	71.30	0.00	25.87[b]	--	--	--	--	--	--	--	--	--	--
	02/10/99	73.76	0.00	23.41[b]	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	69.40	0.00	27.77[b]	<50	--	--	2.7	<1	<1	<1	--	8	--
	08/18/99[NP]	71.23	0.00	25.94[b]	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	71.62	0.00	25.55	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	73.20	0.00	23.97	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	76.55	0.00	20.62	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	09/11/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/01	77.92	0.00	19.25	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	7.14	--
	08/30/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	79.60	0.00	17.57	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	05/04/02	75.67	0.00	21.50	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	3.21	--
	11/20/02	76.20	0.00	20.97	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	11.5	<1.00
	05/21/03[NP]	76.20	0.00	20.97	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	**19.0**	13.0
	11/14/03[NP]	76.22	0.00	20.95	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	76.73	0.00	20.44	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/9/04 [NP]	78.31	0.00	18.86	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	76.85	0.00	20.32	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--
	05/16/05	77.07	0.00	20.10	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	77.68	0.00	19.49	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	77.17	0.00	20.00	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--
	03/01/06	76.84	0.00	20.33	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/30/06	76.32	0.00	20.85	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	8.7	<6.9
	08/28/06	75.71	0.00	21.46	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	76.22	0.00	20.95	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	75.58	0.00	21.59	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**62.1**	52
	05/22/07	74.70	0.00	22.47	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	74.05	0.00	23.12	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	74.91	0.00	22.26	65	--	--	<0.5	2	<0.8	1	<0.5	12.7	<6.9
	02/19/08	75.02	0.00	22.15	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**24.6**	<6.9
412.23	05/19/08	75.12	0.00	337.11	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**20.0**	<6.9
	08/18/08	75.37	0.00	336.86	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/18/08	75.85	0.00	336.38	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.9	<6.9
	02/04/09	76.11	0.00	336.12	--	--	--	--	--	--	--	--	--	--
	05/05/09	76.35	0.00	335.88	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	6.3	<1.0
	08/03/09	76.24	0.00	335.99	--	--	--	--	--	--	--	--	--	--
	11/03/09	76.58	0.00	335.65	Well gauged only this quarter.									
	02/08/10	76.79	0.00	335.44	Well gauged only this quarter.									
	05/03/10	76.13	0.00	336.1	Well gauged only this quarter.									
	09/07/10	75.29	0.00	336.94	Well gauged only this quarter.									
	12/01/10	75.81	0.00	336.42	Well gauged only this quarter.									
	02/10/11	74.84	0.00	337.39	Well gauged only this quarter.									
	05/18/11	74.08	0.00	338.15	Well gauged only this quarter.									
	09/02/11	73.31	0.00	338.92	Well gauged only this quarter.									
	12/07/11	73.80	0.00	338.43	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	**23.3**	0.23
	02/23/12	74.64	0.00	337.59	Well gauged only this quarter.									
	05/22/12	74.36	0.00	337.87	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/19/14	NM	0.00	--	Well submerged under large surface puddle of water - not accessible.									
	04/29/15	75.27	0.00	336.96	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	**19.0**	<10.0

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Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
					TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	07/23/15	74.80	0.00	337.43	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--
GW-7D Contd.	10/15/15	75.24	0.00	336.99	<250	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
	10/07/16	73.80	0.00	338.43	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	**21.6**	<10.0
	09/20/17	71.70	0.00	340.53	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/05/18	72.98	0.00	339.25	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	2.7J	<2.0
	12/13/18	73.55	0.00	338.68	<19.6	--	--	4.4	1.7	0.31 J	<0.31	--	11.6	<2.0
	03/26/19	74.65	0.00	337.58	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/25/19	74.90	0.00	337.33	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	2.9J	<2.0
GW-8S	12/11/18	35.35	0.00	378.42	Insufficient water to sample									
413.77	03/27/19	20.02	0.00	393.75	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/26/19	21.92	0.00	391.85	<38.3	--	--	<0.10	<0.83	<0.14	<0.31	--	<2.0	<2.0
GW-8D [1]	11/11/94	79.12	0.00	19.70	**88,000**	--	--	**17,000**	**18,000**	**1,000**	**7,000**	--	4	--
98.82	02/17/95	79.04	0.00	19.78	**11,000**	--	--	**20,000**	**22,000**	**1,650**	**9,200**	--	5	--
	05/16/95	78.28	0.00	20.54	**98,000**	--	--	**19,000**	**18,000**	**1,500**	**8,300**	--	7	--
	08/09/95	77.57	0.00	21.25	**95,000**	--	--	**21,000**	**19,000**	**1,400**	**7,400**	--	6	--
	11/06/95	77.49	0.00	21.33	**99,000**	--	--	**21,000**	**21,000**	**1,600**	**8,100**	--	4	--
	02/13/96	77.27	0.00	21.55	**110,000**	--	--	**25,000**	**28,000**	**2,000**	**10,000**	--	5	--
	02/21/96	76.87	0.00	21.95	--	--	--	--	--	--	--	--	--	--
	05/21/96	75.33	0.00	23.49	**100,000**	--	--	**23,000**	**24,000**	**1,700**	**9,400**	--	2	--
	06/06/96	75.13	0.00	23.69	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.17	0.00	23.65	--	--	--	--	--	--	--	--	--	--
	09/24/96	74.60	0.00	24.22	**92,000**	--	--	**18,000**	**18,000**	**1,500**	**7,700**	--	4	--
	12/12/96	75.11	0.00	23.71	**130,000**	--	--	**19,000**	**22,000**	**1,600**	**8,500**	--	4	--
	03/24/97	74.04	0.00	24.78	**73,000**	--	--	**14,000**	**18,000**	**1,400**	**7,400**	--	3	--
	04/11/97	73.57	0.00	25.25	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.38	0.00	25.44	**90,000**	--	--	**20,000**	**23,000**	**1,500**	**8,200**	--	7	--
	08/25/97	72.08	0.00	26.74	**47,000**	--	--	**10,000**	**10,000**	**840**	**4,800**	--	7	--
	11/19/97*	72.91	0.00	25.91	**39,000**	--	--	**8,000**	**7,600**	**760**	**12,000**	--	**11**	--
	02/12/98[NP]	73.04	0.00	25.78	**6,600**	--	--	**920**	420	120	350	--	<2	--
	05/14/98[NP]	72.40	0.00	26.42	640	--	--	**200**	92	24	110	--	4	--
	08/25/98[NP]	64.50	0.00	34.32[b]	**4,200**	--	--	**150**	850	34	820	--	3	--
	11/13/98[NP]	73.98	0.00	24.84[b]	**1,500**	--	--	**38**	68	2	460	--	10	--
	02/10/99	75.38	0.00	23.44[b]	284	--	--	**66.4**	10.5	6.45	23.1	--	--	--
	05/28/99[NP]	64.90	0.00	33.92[b]	**17,000**	--	--	**230**	**1,200**	100	**3,400**	--	4	--
	08/18/99[NP]	72.90	0.00	25.92[b]	<50	--	--	0.7	<1	<1	<1	--	--	--
	11/11/99[NP]	76.78	0.00	22.04	<50.0	--	--	2.46	<0.500	0.509	1.44	--	1.06	--
	02/09/00[NP]	74.83	0.00	23.99	<50	--	--	3.4	<1	<1	<1	--	<2	--
	05/24/00[NP]	73.25	0.00	25.57	**8,100**	--	--	**34.3**	10.6	<5.00	**1,850**	--	--	--
	09/11/00[NP]	67.00	0.00	31.82	69.2	--	--	0.503	<0.500	<0.500	6.87	--	--	--
	11/27/00	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	73.69	0.00	25.13	62.1	--	--	<0.500	<0.500	<0.500	< 1.00	--	2.03	--
	05/16/01	DRY	0.00	--	--	--	--	--	--	--	--	--	--	--
	08/30/01[NP]	78.15	0.00	20.67	<50.0	--	--	<0.500	<0.500	<0.500	3.05	--	1.50	--
	11/19/01	78.87	0.00	19.95	99.1	--	--	<0.500	2.47	<0.500	25.6	--	<1.00	--
	05/04/02	76.32	0.00	22.50	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	11/20/02	77.19	0.00	21.63	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	05/21/03[NP]	77.11	0.00	21.71	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	11/14/03[NP]	77.69	0.00	21.14	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	77.64	0.00	21.18	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/10/04 [NP]	77.70	0.00	21.12	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	78.21	0.00	20.61	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0
	05/16/05	79.11	0.00	19.71	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	79.44	0.00	19.38	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.6	<8.4	--
	11/11/05	78.57	0.00	20.25	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--
	03/01/06	78.40	0.00	20.42	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/31/06	77.71	0.00	21.11	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	77.20	0.00	21.62	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	78.50	0.00	20.32	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	77.15	0.00	21.67	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**51.1**	**46.2**
	05/22/07	76.32	0.00	22.50	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	75.73	0.00	23.09	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	76.60	0.00	22.22	150	--	--	3	5	1	8	<0.5	<6.9	<6.9
	02/19/08	76.65	0.00	22.17	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	7.7	<6.9
413.79	05/19/08	76.76	0.00	337.03	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/18/08	77.09	0.00	336.70	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/17/08	77.50	0.00	336.29	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/04/09	77.75	0.00	336.04	--	--	--	--	--	--	--	--	--	--
	05/05/09	78.04	0.00	335.75	<50.0	<85	<430	<1.0	<1.0	<1.0	3.1	<1.0	1.8	<1.0
	08/03/09	77.93	0.00	335.86	--	--	--	--	--	--	--	--	--	--
	11/03/09	78.20	0.00	335.59	Well gauged only this quarter.									
	02/08/10	78.40	0.00	335.39	Well gauged only this quarter.									
	05/03/10	77.79	0.00	336.00	Well gauged only this quarter.									
	09/07/10	76.95	0.00	336.84	Well gauged only this quarter.									
	12/01/10	77.46	0.00	336.33	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	8.5	0.15
	02/10/11	74.16	0.00	339.63	Well gauged only this quarter.									
	05/18/11	75.58	0.00	338.21	Well gauged only this quarter.									

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
GW-8D Contd.	09/02/11	74.90	0.00	338.89	Well gauged only this quarter.									
	12/07/11	75.47	0.00	338.32	Well gauged only this quarter.									
	02/23/12	76.29	0.00	337.50	Well gauged only this quarter.									
	05/22/12	76.72	0.00	337.07	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/18/14	77.11	0.00	336.68	<100	<100	<500	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0
	04/29/15	76.89	0.00	336.90	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	76.46	0.00	337.33	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--
	10/15/15	76.91	0.00	336.88	<250	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
	09/28/16	75.30	0.00	338.49	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/20/17	73.40	0.00	340.39	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/05/18	74.62	0.00	339.17	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	12/12/18	75.05	0.00	338.74	<19.6	--	--	<0.10	<0.083	0.28J	<0.31	--	2.2J	<2.0
	03/27/19	76.29	0.00	337.50	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/26/19	76.42	0.00	337.37	<38.3	--	--	<0.10	<0.083	<0.14	<0.31		<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-9D [1]	11/11/94	79.83	0.00	19.74	**93,000**	--	--	**6,600**	**18,000**	**1,400**	**9,300**	--	<2	--
99.57	02/17/95	79.79	0.00	19.78	**87,000**	--	--	**9,100**	**17,000**	**1,330**	**7,900**	--	3	--
	05/16/95	78.99	0.00	20.58	**68,000**	--	--	**7,700**	**12,000**	**1,200**	**6,000**	--	3	--
	08/09/95	78.32	0.00	21.25	**88,000**	--	--	**12,000**	**18,000**	**1,200**	**7,100**	--	6	--
	11/06/95	78.23	0.00	21.34	**88,000**	--	--	**11,000**	**20,000**	**1,300**	**7,900**	--	<2	--
	02/13/96	78.00	0.00	21.57	**69,000**	--	--	**11,000**	**16,000**	**1,300**	**6,300**	--	3	--
	02/21/96	77.60	0.00	21.97	--	--	--	--	--	--	--	--	--	--
	05/21/96	76.05	0.00	23.52	**76,000**	--	--	**13,000**	**20,000**	**1,500**	**7,500**	--	2	--
	06/06/96	76.01	0.00	23.56	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.91	0.00	23.66	--	--	--	--	--	--	--	--	--	--
	09/24/96	75.26	0.00	24.31	**34,000**	--	--	**4,600**	**6,200**	650	**2,800**	--	6	--
	12/12/96	75.77	0.00	23.80	**100,000**	--	--	**11,000**	**18,000**	**1,700**	**8,400**	--	6	--
	03/24/97	74.81	0.00	24.76	**64,000**	--	--	**7,400**	**14,000**	**1,400**	**1,200**	--	10	--
	04/11/97	74.32	0.00	25.25	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.05	0.00	26.52	**74,000**	--	--	**8,500**	**20,000**	**1,500**	**7,700**	--	8	--
	08/25/97	72.87	0.00	26.70	**47,000**	--	--	**4,000**	**11,000**	**940**	**4,600**	--	8	--
	11/19/97[*]	73.61	0.00	25.96	**34,000**	--	--	**2,500**	**6,900**	**760**	**3,300**	--	**27**	--
	02/12/98[NP]	73.75	0.00	25.82	52	--	--	2	4	2	7	--	3	--
	05/14/98[NP]	73.12	0.00	26.45	<50	--	--	<0.5	<1	<1	1	--	<2	--
	08/25/98[NP]	72.54	0.00	27.03	**46,000**	--	--	**1,800**	**6,700**	150	**11,000**	--	6	--
	11/13/98[NP]	74.80	0.00	24.77	200	--	--	**93**	6	6	32	--	2	--
	02/10/99	76.08	0.00	23.49	**3,250**	--	--	**647**	215	112	482	--	--	--
	05/28/99[NP]	68.45	0.00	31.12	**3,000**	--	--	**32**	34	10	630	--	9	--
	08/18/99[NP]	73.61	0.00	25.96	<50	--	--	2.9	<1	<1	<1	--	--	--
	11/11/99[NP]	77.38	0.00	22.19	**6,440**	--	--	**2,510**	129	625	841	--	7.05	--
	02/09/00[NP]	75.54	0.00	24.03	320	--	--	**34**	<0.5	0.67	0.74	--	<2	--
	05/24/00[NP]	75.90	0.00	23.67	98.0	--	--	<1.25	<0.550	<0.500	3.11	--	--	--
	09/11/00[NP]	68.40	0.00	31.17	**1,160**	--	--	**94.8**	2.53	40.3	134	--	--	--
	11/27/00[NP]	76.41	0.00	23.16	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	3.70	--
	02/23/01	74.59	0.00	24.98	133	--	--	0.721	< 0.500	3.34	3.07	--	10.6	--
	05/16/01	79.10	0.00	20.47	<50.0	--	--	3.92	< 0.500	1.18	< 1.00	--	<1.00	--
	08/30/01[NP]	78.85	0.00	20.72	63.4	--	--	**52.5**	< 0.500	2.39	<1.00	--	2.03	--
	11/19/01	79.38	0.00	20.19	<50.0	--	--	0.726	<0.500	<0.500	<1.00	--	<1.00	--
	05/04/02	78.05	0.00	21.52	<50.0	--	--	0.670	<0.500	<0.500	1.31	--	2.76	--
	11/20/02	77.97	0.00	21.60	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	05/21/03[NP]	78.09	0.00	21.48	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	11/14/03[NP]	78.36	0.00	21.22	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	78.40	0.00	21.17	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/10/04[NP]	78.48	0.00	21.09	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	78.85	0.00	20.72	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0
	05/16/05	79.71	0.00	19.86	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	79.94	0.00	19.63	<48	--	--	0.6	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	79.37	0.00	20.20	<48	--	--	0.6	<0.2	<0.2	<0.6	--	<8.4	--
	03/01/06	79.12	0.00	20.45	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/31/06	78.42	0.00	21.15	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	77.87	0.00	21.70	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	78.45	0.00	21.12	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	77.88	0.00	21.69	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	**52.9**	**49.5**
	05/22/07	77.00	0.00	22.57	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	76.45	0.00	23.12	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	Dry	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/08	77.37	0.00	22.20	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	8.8	<6.9
414.53	05/19/08	77.47	0.00	337.06	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/18/08	77.78	--	336.75	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/17/08	78.20	0.00	336.33	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/04/09	78.50	0.00	336.03	--	--	--	--	--	--	--	--	--	--
	05/05/09	78.78	0.00	335.75	<50.0	<85	<430	<1.0	1.0	<1.0	5.3	<1.0	1.1	<1.0

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
					TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
GW-9D Contd.	08/03/09	78.65	0.00	335.88	--	--	--	--	--	--	--	--	--	--
	11/03/09	78.92	0.00	335.61	Well gauged only this quarter.									
	02/08/10	79.11	0.00	335.42	Well gauged only this quarter.									
	05/03/10	78.52	0.00	336.01	Well gauged only this quarter.									
	09/07/10	77.70	0.00	336.83	Well gauged only this quarter.									
	12/01/10	78.15	0.00	336.38	671	--	--	<1.0	<1.0	9.3	47.2	<1.0	1.9	<0.10
	02/10/11	77.80	0.00	336.73	Well gauged only this quarter.									
	05/18/11	76.37	0.00	338.16	Well gauged only this quarter.									
	09/02/11	75.65	0.00	338.88	Well gauged only this quarter.									
	12/07/11	76.18	0.00	338.35	Well gauged only this quarter.									
	02/23/12	76.92	0.00	337.61	Well gauged only this quarter.									
	05/22/12	76.04	0.00	338.49	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/18/14	77.82	0.00	336.71	<100	<100	<500	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0
	04/29/15	77.57	0.00	336.96	272	--	--	<1.0	<1.0	<1.0	10.8	--	<10.0	<10.0
	07/23/15	77.17	0.00	337.36	148	--	--	<1.0	<1.0	<1.0	4.9	--	--	--
	10/15/15	78.23	0.00	336.30	<250	--	--	<0.5	<0.5	<0.5	2.8	--	--	--
	10/07/16	76.10	0.00	338.43	130	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/20/17	74.09	0.00	340.44	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/05/18	75.37	0.00	339.16	<19.6	--	--	<0.10	0.17 J	<0.14	<0.31	--	<2.0	<2.0
	12/12/18	75.75	0.00	338.78	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	03/28/19	76.98	0.00	337.55	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/26/19	77.50	0.00	337.03	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-10S	12/13/18	22.10	0.00	392.36	<19.6	--	--	0.37 J	0.32 J	<0.14	<0.31	--	<2.0	<2.0
414.46	03/27/19	20.90	0.00	393.56	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/26/19	22.13	0.00	392.33	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-10D[1]	11/11/94	80.74	0.00	19.82	510	--	--	**14.4**	39	2	46	--	<2	--
100.56	02/17/95	80.68	0.00	19.88	**1,230**	--	--	**19.8**	119	11	129	--	<2	--
	05/16/95	79.89	0.00	20.67	810	--	--	**19.2**	94	<1	97	--	<2	--
	08/09/95	79.21	0.00	21.35	120	--	--	2.2	6	<1	21	--	2	--
	11/06/95	79.10	0.00	21.46	290	--	--	**5.9**	21	<1	46	--	2	--
	02/13/96	78.92	0.00	21.64	**2,600**	--	--	**38**	291	10	324	--	<2	--
	02/21/96	78.48	0.00	22.08	--	--	--	--	--	--	--	--	--	--
	05/21/96	77.00	0.00	23.56	**1,260**	--	--	**28.9**	121	8	190	--	<2	--
	06/06/96	76.94	0.00	23.62	--	--	--	--	--	--	--	--	--	--
	06/11/96	76.82	0.00	23.74	--	--	--	--	--	--	--	--	--	--
	09/24/96	76.15	0.00	24.41	<50	--	--	0.6	<1	<1	3	--	4	--
	12/12/96	76.63	0.00	23.93	558	--	--	4.9	14	5	61	--	<2	--
	03/24/97	75.87	0.00	24.69	**1,200**	--	--	2.6	31	23	160	--	8	--
	04/11/97	75.29	0.00	25.27	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.98	0.00	26.58	**3,110**	--	--	**15.7**	133	68	434	--	3	--
	08/25/97	73.60	0.00	26.96	<50	--	--	<0.5	<1	<1	<1	--	3	--
	11/19/97*	74.52	0.00	26.04	<50	--	--	<0.5	<1	<1	<1	--	**26**	--
	02/12/98[NP]	74.61	0.00	25.95	<50	--	--	<0.5	<1	<1	<1	--	4	--
	05/14/98[NP]	73.74	0.00	26.82[b]	<50	--	--	<0.5	<1	<1	<1	--	4	--
	08/25/98[NP]	72.90	0.00	27.66[b]	**3,000**	--	--	**5.9**	55	15	310	--	2	--
	11/13/98[NP]	75.26	0.00	25.30[b]	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	02/10/99	76.77	0.00	23.79[b]	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	05/28/99[NP]	63.60	0.00	36.96[b]	<50	--	--	<0.5	<1	<1	<1	--	3	--
	08/18/99[NP]	74.17	0.00	26.39[b]	<50	--	--	<0.5	<1	<1	<1	--	--	--
	11/11/99[NP]	61.05	0.00	39.51	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	02/09/00[NP]	76.11	0.00	24.45	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	05/24/00[NP]	75.15	0.00	25.41	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	09/11/00[NP]	36.00	0.00	64.56	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	11/27/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	80.17	0.00	20.39	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	< 1.00	--
	05/16/01	81.63	0.00	18.93	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	08/30/01[NP]	79.60	0.00	20.96	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.07	--
	11/19/01	80.85	0.00	19.71	<50.0	--	--	<0.500	0.873	<0.500	1.03	--	<1.00	--
	05/04/02	78.81	0.00	21.75	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.84	--
	11/20/02	78.60	0.00	21.96	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	05/21/03[NP]	78.03	0.00	22.53	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	<1.00
	11/14/03[NP]	80.91	0.00	19.65	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	76.50	0.00	24.06	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/9/04[NP]	81.65	0.00	18.91	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	79.02	0.00	21.54	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0
	05/16/05	81.41	0.00	19.15	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	81.98	0.00	18.58	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	80.31	0.00	20.25	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	03/01/06	80.03	0.00	20.53	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/30/06	79.46	0.00	21.10	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date	DTW (feet)	LPH (feet)	GW Elev. (feet)	Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
					TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	08/28/06	78.70	0.00	21.86	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	79.35	0.00	21.21	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	78.70	0.00	21.86	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	55.8	53.3
	05/22/07	77.82	0.00	22.74	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/20/07	77.15	0.00	23.41	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	77.00	0.00	23.56	67	--	--	<0.5	2	<0.8	3	<0.5	<6.9	<6.9
	02/19/08	78.12	0.00	22.44	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	11.4	<6.9
415.30	05/19/08	78.25	0.00	337.05	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/18/08	78.53	0.00	336.77	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/17/08	78.95	0.00	336.35	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/04/09	79.25	0.00	336.05	--	--	--	--	--	--	--	--	--	--
	05/04/09	79.29	0.00	336.01	<50.0	<83	<420	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/03/09	79.39	0.00	335.91	--	--	--	--	--	--	--	--	--	--
	11/03/09	79.60	0.00	335.70	Well gauged only this quarter.									
	02/08/10	79.92	0.00	335.38	Well gauged only this quarter.									
	05/03/10	79.29	0.00	336.01	Well gauged only this quarter.									
	09/07/10	78.40	0.00	336.90	Well gauged only this quarter.									
	12/01/10	78.95	0.00	336.35	Well gauged only this quarter.									
	02/10/11	76.95	0.00	338.35	Well gauged only this quarter.									
	05/18/11	77.20	0.00	338.10	Well gauged only this quarter.									
	09/02/11	76.35	0.00	338.95	Well gauged only this quarter.									
	12/07/11	76.87	0.00	338.43	Well gauged only this quarter.									
	02/23/12	77.78	0.00	337.52	Well gauged only this quarter.									
	05/22/12	77.52	0.00	337.78	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
GW-10D	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
Contd.	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/19/14	78.62	0.00	336.68	<100	**560**	<500	0.51	<0.50	<0.50	1.0	--	<5.0	<5.0
	04/29/15	78.41	0.00	336.89	<100	<92	<230	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	77.93	0.00	337.37	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	10/15/15	78.35	0.00	336.95	<250	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
	09/27/16	76.80	0.00	338.50	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/19/17	74.79	0.00	340.51	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/04/18	76.06	0.00	339.24	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	12/13/18	76.60	0.00	338.70	<19.6	--	--	1.5	0.90 J	0.18 J	<0.31	--	2.9J	<2.0
	03/27/19	77.75	0.00	337.55	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/26/19	77.90	0.00	337.40	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	09/12/19	78.60	0.00	336.70	<38.3	<75.3	205J	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	12/12/19	79.00	0.00	336.30	<38.3	<67.7	<79.9	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	03/11/20	79.54	0.00	335.76	<38.3	<69.1	<81.6	<0.12	<0.12	<0.075	<0.29	--	<2.0	<2.0
	03/31/20	Well not monitored or sampled this quarter												
GW-11D [1]	11/11/94	79.83	0.00	19.89	<50	--	--	<0.5	<1	<1	<1	--	2	--
99.72	02/17/95	79.81	0.00	19.91	<50	--	--	<0.5	<1	<1	<1	--	5	--
	05/16/95	79.01	0.00	20.71	<50	--	--	1.5	<1	<1	<1	--	8	--
	08/09/95	78.35	0.00	21.37	<50	--	--	2.5	<1	<1	<1	--	4	--
	11/06/95	78.20	0.00	21.52	<50	--	--	0.7	<1	<1	<1	--	2	--
	02/13/96	78.02	0.00	21.70	<50	--	--	<0.5	<1	<1	<1	--	2	--
	02/21/96	77.55	0.00	22.17	--	--	--	--	--	--	--	--	--	--
	05/21/96	76.09	0.00	23.63	--	--	--	--	--	--	--	--	--	--
	06/06/96	76.03	0.00	23.69	--	--	--	--	--	--	--	--	--	--
	06/11/96	75.92	0.00	23.80	<50	--	--	<0.5	<1	<1	<1	--	6	--
	09/24/96	75.28	0.00	24.44	<50	--	--	<0.5	<1	<1	1	--	**25**	--
	12/12/96	75.80	0.00	23.92	<50	--	--	<0.5	<1	<1	<1	--	11	--
	03/24/97	74.69	0.00	25.03	<50	--	--	<0.5	<1	<1	<1	--	**29**	--
	04/11/97	74.34	0.00	25.38	--	--	--	--	--	--	--	--	--	--
	06/18/97	73.11	0.00	26.61	<50	--	--	<0.5	<1	<1	<1	--	**19**	--
	08/25/97	73.00	0.00	26.72	<50	--	--	<0.5	<1	<1	<1	--	**19**	--
	11/19/97*	73.61	0.00	26.11	<50	--	--	<0.5	<1	<1	<1	--	**23**	--
	02/12/98[NP]	73.78	0.00	25.94	<50	--	--	<0.5	<1	<1	<1	--	9	--
	05/14/98[NP]	73.17	0.00	26.55	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/25/98	70.10	0.00	29.62	--	--	--	--	--	--	--	--	--	--
	11/13/98	73.65	0.00	26.07	--	--	--	--	--	--	--	--	--	--
	02/10/99	76.10	0.00	23.62	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	64.90	0.00	34.82	<50	--	--	<0.5	<1	<1	<1	--	**98**	--
	08/18/99[NP]	73.88	0.00	25.84	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	77.08	0.00	22.64	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	75.61	0.00	24.11	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	75.55	0.00	24.17	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	09/11/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/27/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/23/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/01[NP]	80.33	0.00	19.39	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	08/30/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	80.66	0.00	19.06	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	<1.00	--
	05/04/02	78.07	0.00	21.65	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	2.18	--
	11/20/02	78.44	0.00	21.28	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.54	<1.00

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
	05/21/03[NP]	78.07	0.00	21.65	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.21	<1.00
	11/14/03[NP]	78.68	0.00	21.05	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	78.57	0.00	21.15	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/9/04 [NP]	79.91	0.00	19.81	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<10.0	<10.0
	02/08/05	79.61	0.00	20.11	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	--
	05/16/05	79.75	0.00	19.97	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	80.32	0.00	19.40	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	79.58	0.00	20.14	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--
	03/01/06	79.24	0.00	20.48	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/30/06	78.62	0.00	21.10	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	78.00	0.00	21.72	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	78.54	0.00	21.18	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	77.95	0.00	21.77	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	76.7	65.5
	05/22/07	77.05	0.00	22.67	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
GW-11D[1] DUP	05/22/07	77.05	0.00	22.67	--	--	--	--	--	--	--	--	<6.9	<6.9
	08/20/07	76.39	0.00	23.33	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	77.22	0.00	22.50	91	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/19/08	77.35	0.00	22.37	--	--	--	--	--	--	--	--	--	--
414.58	05/19/08	77.48	0.00	337.10	--	--	--	--	--	--	--	--	--	--
	08/18/08	77.68	0.00	336.90	Well not sampled due to obstruction.									
GW-11D	11/17/08	78.19	0.00	336.39	Well not sampled due to obstruction.									
Contd.	02/04/09	78.45	0.00	336.13	Well not sampled due to obstruction.									
	05/04/09	78.54	0.00	336.04	Well not sampled due to obstruction.									
	08/03/09	78.60	0.00	335.98	Well not sampled due to obstruction.									
	11/03/09	78.91	0.00	335.67	Well not sampled due to obstruction.									
	02/08/10	79.15	0.00	335.43	Well not sampled due to obstruction.									
	05/03/10	78.52	0.00	336.06	Well gauged only this quarter.									
	09/07/10	77.65	0.00	336.93	Well gauged only this quarter.									
	12/01/10	78.18	0.00	336.40	Well gauged only this quarter.									
	02/10/11	75.79	0.00	338.79	Well gauged only this quarter.									
	05/18/11	76.45	0.00	338.13	Well gauged only this quarter.									
	09/02/11	75.52	0.00	339.06	Well gauged only this quarter.									
	12/07/11	76.16	0.00	338.42	<50	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	7.9	0.15
	02/23/12	77.00	0.00	337.58	Well gauged only this quarter.									
	05/22/12	76.72	0.00	337.86	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/19/14	77.83	0.00	336.75	<100	110	<500	1.3	<0.50	0.92	2.3	--	<5.0	<5.0
	04/29/15	77.64	0.00	336.94	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	77.14	0.00	337.44	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	--	--
	10/15/15	77.56	0.00	337.02	<250	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
	09/27/16	75.90	0.00	338.68	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/19/17	74.00	0.00	340.58	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	14.3	<10.0
	09/04/18	75.28	0.00	339.30	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	2.1J	<2.0
	12/11/18	75.85	0.00	338.73	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	3.0J	<2.0
	03/26/19	76.98	0.00	337.60	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/25/19	77.10	0.00	337.48	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-12D [1]	04/20/95	--	0.00	--	<50	--	--	0.6	<1	<1	<1	--	3	--
91.32	05/16/95	67.52	0.00	23.80	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/09/95	67.18	0.00	24.14	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	11/06/95	67.51	0.00	23.81	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	02/13/96	67.35	0.00	23.97	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	02/21/96	66.98	0.00	24.34	--	--	--	--	--	--	--	--	--	--
	05/21/96	65.17	0.00	26.15	--	--	--	--	--	--	--	--	--	--
	06/06/96	65.09	0.00	26.23	--	--	--	--	--	--	--	--	--	--
	06/11/96	65.05	0.00	26.27	<50	--	--	<0.5	<1	<1	<1	--	**23**	--
	09/24/96	65.35	0.00	25.97	<50	--	--	<0.5	<1	<1	<1	--	7	--
	12/12/96	64.97	0.00	26.35	<50	--	--	<0.5	<1	<1	<1	--	**17**	--
	03/24/97	63.86	0.00	27.46	<50	--	--	<0.5	<1	<1	<1	--	7	--
	04/11/97	63.03	0.00	28.29	--	--	--	--	--	--	--	--	--	--
	06/18/97	62.12	0.00	29.20	<50	--	--	<0.5	<1	<1	<1	--	11	--
	08/25/97	62.24	0.00	29.08	<50	--	--	<0.5	<1	<1	<1	--	11	--
	11/19/97	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	02/12/98[NP]	62.50	0.00	28.82	<50	--	--	<0.5	<1	<1	1	--	10	--
	05/14/98[NP]	62.10	0.00	29.22	<50	--	--	<0.5	<1	<1	1	--	6	--
	08/25/98	63.19	0.00	28.13	--	--	--	--	--	--	--	--	--	--
	11/13/98	64.60	0.00	26.72	--	--	--	--	--	--	--	--	--	--
	02/10/99	65.13	0.00	26.19	--	--	--	--	--	--	--	--	--	--
	05/28/99[NP]	61.84	0.00	29.48	<50	--	--	<0.5	<1	<1	<1	--	<2	--
	08/18/99[NP]	62.92	0.00	28.40	--	--	--	--	--	--	--	--	--	--
	11/11/99[NP]	64.40	0.00	26.92	--	--	--	--	--	--	--	--	--	--
	02/09/00[NP]	64.98	0.00	26.34	--	--	--	--	--	--	--	--	--	--
	05/24/00[NP]	63.14	0.00	28.18	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	09/11/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
GW-12D	11/27/00	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
Contd.	02/23/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	05/16/01[NP]	66.70	0.00	24.62	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	4.41	--
	08/30/01	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	67.40	0.00	23.92	<50.0	--	--	<0.500	<0.500	<0.500	1.01	--	9.34	--
	05/04/02	66.32	0.00	25.00	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	5.87	--
	11/20/02	66.52	0.00	24.80	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.47	<1.00
	05/21/03[NP]	66.65	0.00	24.67	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	1.96	<1.00
	11/14/03[NP]	64.91	0.00	26.42	<50.0	--	--	<1.00	<1.00	<1.00	<1.50	--	<5.00	<5.00
	5/13/04[NP]	64.80	0.00	26.52	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
	12/10/04 [NP]	67.05	0.00	24.27	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	**15.5**	<10.0
	02/08/05	67.31	0.00	24.01	<100	--	--	<0.5	<1.00	<1.00	<3.00	--	<10.0	<10.0
	05/16/05	67.05	0.00	24.27	<100	--	--	<1	<1	<1	<3	<1	<15	<15
	08/18/05	66.87	0.00	24.45	<48	--	--	<0.2	<0.2	<0.2	<0.6	<0.3	<8.4	--
	11/22/05	67.43	0.00	23.89	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<8.4	--
	03/01/06	66.90	0.00	24.42	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<8.4	--
	05/31/06	66.35	0.00	24.97	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.9	<6.9
	08/28/06	66.07	0.00	25.25	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/14/06	78.00	0.00	13.32	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/21/07	65.91	0.00	25.41	<48	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	76.5	65.4
	05/22/07	66.08	0.00	25.24	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	12	<6.9
	08/20/07	64.97	0.00	26.35	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/19/07	69.95	0.00	21.37	<50	--	--	<0.5	0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/19/08	65.58	0.00	25.74	<50	--	--	<0.5	0.7	<0.8	<0.8	<0.5	**19**	<6.9
406.56	05/19/08	65.45	0.00	341.11	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	08/18/08	65.88	0.00	340.68	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	11/17/08	66.40	0.00	340.16	<50	--	--	<0.5	<0.7	<0.8	<0.8	<0.5	<6.9	<6.9
	02/04/09	Unable to locate well			--	--	--	--	--	--	--	--	--	--
	05/05/09	67.12	0.00	339.44	<50.0	<83	<420	<1.0	<1.0	<1.0	2.4	<1.0	3.7	<1.0
	08/03/09	64.60	0.00	341.96	--	--	--	--	--	--	--	--	--	--
	11/03/09	66.80	0.00	339.76	Well gauged only this quarter.									
	02/08/10	66.85	0.00	339.71	Well gauged only this quarter.									
	05/03/10	65.81	0.00	340.75	Well gauged only this quarter.									
	09/07/10	65.45	0.00	341.11	Well gauged only this quarter.									
	12/01/10	66.03	0.00	340.53	<50.0	--	--	<1.0	<1.0	<1.0	<3.0	<1.0	8.3	0.50
	02/10/11	65.39	0.00	341.17	Well gauged only this quarter.									
	05/18/11	64.83	0.00	341.73	Well gauged only this quarter.									
	09/02/11	64.90	0.00	341.66	Well gauged only this quarter.									
	12/07/11	65.43	0.00	341.13	Well gauged only this quarter.									
	02/23/12	66.18	0.00	340.38	Well gauged only this quarter.									
	05/22/12	63.55	0.00	343.01	Well gauged only this quarter.									
	08/01/12	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	03/22/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	09/20/13	NM	0.00	--	--	--	--	--	--	--	--	--	--	--
	12/18/14	64.45	0.00	342.11	<100	<100	<500	<0.50	<0.50	<0.50	<0.50	--	<5.0	<5.0
	04/29/15	63.40	0.00	343.16	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	07/23/15	63.75	0.00	342.81	<100	--	--	<1.0	<1.0	1.5	<3.0	--	--	--
	10/15/15	65.62	0.00	340.94	Well gauged only this quarter.									
	10/07/16	64.50	0.00	342.06	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/19/17	62.35	0.00	344.21	<100	--	--	<1.0	<1.0	<1.0	<3.0	--	<10.0	<10.0
	09/05/18	63.65	0.00	342.91	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	12/12/18	64.28	0.00	342.28	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	2.8J	<2.0
	03/28/19	64.94	0.00	341.62	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/26/19	64.90	0.00	341.66	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	3.6J	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-13S	12/13/18	38.85	0.00	374.28	**9,380**	--	--	**41.3**	14	230.0	882	--	<2.0	<2.0
413.13	03/28/19	32.70	0.00	380.43	**2,780**	--	--	**12.3**	4.1	69.5	194	--	<2.0	<2.0
	06/28/19	34.46	0.00	378.67	712	--	--	0.55J	0.20J	8.3	46.5	--	3.8J	<2.0
	09/12/19	38.25	0.00	374.88	**5,740**	--	--	**6.9**	1.8	99.1	190	--	<2.0	<2.0
	12/11/19	40.00	0.00	375.30	**6,150**	--	--	**34.2**	9.9	144	257	--	2.3J	--
	03/11/20	31.75	0.00	381.38	**3,300**	--	--	**11.8**	4.7	61.9	186		<2.0	<2.0
	07/31/20	32.90	0.00	380.23	744	--	--	**8.5**	3.4	40.0	28.0	--	<2.0	2.2J
GW-13D	12/13/18	74.30	0.00	338.64	<19.6	--	--	0.98 J	0.74 J	0.15 J	<0.31	--	10.00	<2.0
412.94	03/26/19	75.34	0.00	337.60	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/27/19	75.50	0.00	337.44	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	2.5J	<2.0
	09/12/19	76.17	0.00	336.77	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	4.2J	<2.0
	12/11/19	76.65	0.00	338.65	66.9J	--	--	<0.10	<0.083	<0.14	<0.31	--	5.0J	<2.0
	03/11/20	77.10	0.00	335.84	<38.3	--	--	<0.12	<0.12	<0.075	<0.29	--	4.4J	<2.0
	07/31/20	Well not monitored or sampled this quarter												

TABLE 2
SUMMARY OF HISTORICAL GROUNDWATER GAUGING AND LABORATORY ANALYTICAL DATA
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**
GW-14S	12/11/18	41.05	0.00	372.73	**113,000**	--	--	**13.8**	**6,440**	**2,790**	**17,600**	--	5.0 J	3.0 J
413.78	03/28/19	38.82	0.00	374.96	**53,300**	--	--	**9.7J**	**3,470**	**1,870**	**9,300**	--	<2.0	2.2J
	06/28/19	40.30	0.00	373.48	**96,200**	--	--	**21.6**	**5,350**	**2,610**	**13,300**	--	4.2J	<2.0
	09/12/19	44.73	0.00	369.05	**93,400**	--	--	**356**	**3,660**	**2,840**	**13,700**	--	11.1	<2.0
	12/12/19	45.00	0.00	370.30	**114,000**	--	--	**693**	**3,900**	**2,430**	**11,400**	--	2.5J	2.2J
	03/12/20	38.18	0.00	375.60	**35,800**	--	--	4.5J	**1,030**	499	**2,360**	--	3.2J	<2.0
	07/31/20	37.35	0.00	376.43	**357,000**	--	--	**8.3J**	814	**1,030**	**3,960**		8.8J	<2.0
GW-14D	12/13/18	75.00	0.00	338.72	<19.6	--	--	**12**	0.40 J	<0.14	<0.31	--	<2.0	<2.0
413.72	03/30/19	76.12	0.00	337.60	502	--	--	**580**	1.5	34.4	3.5	--	<2.0	<2.0
	06/28/19	76.32	0.00	337.40	604	--	--	**956**	7.5	60.0	19.2	--	<2.0	<2.0
	09/12/19	76.82	0.00	336.90	402	--	--	**671**	3.0 J	23.1	<1.5	--	<2.0	<2.0
	12/12/19	77.30	0.00	338.00	39.9J	--	--	1.5	0.16J	0.15J	<0.31	--	4.4J	<2.0
	03/12/20	77.90	0.00	335.82	Well not sampled									
	07/31/20	73.60	0.00	340.12	**908**	--	--	**509**	0.38J	1.6	<0.29	--	2.6J	2.5J
GW-15S	12/11/18	39.30	0.00	374.76	Insufficient Water to Sample									
414.06	03/30/19	32.69	0.00	381.37	398	--	--	1.0J	0.23J	10.8	26.6	--	<2.0	<2.0
	06/25/19	34.67	0.00	379.39	**2,670**	--	--	**7.4**	6.9	52.5	281	--	<2.0	<2.0
	09/12/19	38.63	0.00	375.43	**987**	--	--	0.50 J	0.81 J	9.8	30.4	--	<2.0	<2.0
	12/11/19	40.42	0.00	374.88	470	--	--	0.65J	1.1	12.0	17.6	--	<2.0	--
	03/12/20	32.49	0.00	381.57	547	--	--	2.0	1.4	4.2	28.2	--	2.3J	<2.0
	07/31/20	33.00	0.00	381.06	392	--	--	2.5	2.7	17.7	30.4	--	<2.0	<2.0
GW-15D	12/13/18	56.00	0.00	358.01	<19.6	--	--	1.0	0.66 J	0.27 J	<0.31	--	8.1 J	<2.0
414.01	03/26/19	52.60	0.00	361.41	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/25/19	52.40	0.00	361.61	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	09/12/19	54.60	0.00	359.41	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	12/11/19	57.35	0.00	357.95	61.8J	--	--	<0.10	0.16J	0.28J	<0.31	--	2.4J	--
	03/12/20	53.98	0.00	360.08	<38.3	--	--	<0.12	<0.12	<0.075	<0.29	--	<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-16S	12/11/18	48.50	0.00	366.94	Insufficient Water to Sample									
415.44	03/30/19	42.69	0.00	372.75	<19.6	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	06/27/19	43.56	0.00	371.88	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-16D	12/13/18	76.55	0.00	338.69	<19.6	--	--	0.59 J	0.44 J	0.17 J	<0.31	--	6.7 J	<2.0
415.24	03/27/19	77.64	0.00	337.60	<19.6	--	--	<0.10	<0.083	<0.14	<0.31		<2.0	<2.0
	06/27/19	77.78	0.00	337.46	<38.3	--	--	<0.10	<0.083	<0.14	<0.31		<2.0	<2.0
GW-17S	12/11/18	49.30	0.00	365.54	Insufficient Water to Sample									
414.84	03/30/19	48.00	0.00	366.84	<19.6	--	--	0.29 J	0.094 J	<0.14	<0.31	--	<2.0	<2.0
	06/27/19	47.00	0.00	367.84	<38.3	--	--	<0.10	<0.083	<0.14	<0.31	--	<2.0	<2.0
	07/31/20	Well not monitored or sampled this quarter												
GW-17D	02/27/00	76.08	0.00	338.99	<19.6	--	--	0.50 J	0.38 J	<0.14	<0.31	--	2.8 J	2.0 J
415.07	03/30/19	77.15	0.00	337.92	<19.6	--	--	<0.10	<0.083	<0.14	<0.31		2.9J	<2.0
	06/27/19	77.35	0.00	337.72	<38.3	--	--	<0.10	<0.083	<0.14	<0.31		2.8J	<2.0
GW-18S	12/11/18	48.38	0.00	365.93	Insufficient Water to Sample									
414.31	03/30/19	Dry	0.00	--	Insufficient Water to Sample									
	06/25/19	48.18	0.00	366.13	Insufficient Water to Sample									
	09/12/19	48.50	0.00	365.81	Insufficient Water to Sample									
	12/12/19	48.30	0.00	366.01	Insufficient Water to Sample									
	03/11/20	48.49	0.00	365.82	Insufficient Water to Sample									
	07/31/20	Well not monitored or sampled this quarter												
GW-18D	12/11/18	75.45	0.00	338.73	<19.6	--	--	<0.10	0.093 J	<0.14	<0.31	--	<2.0	<2.0
414.18	03/27/19	76.50	0.00	337.68	**1,270**	--	--	**558**	3.8	45.0	109	--	4.9J	<2.0
	06/28/19	76.60	0.00	337.58	241	--	--	**62.3**	1.2J	7.3	<1.5	--	<2.0	<2.0
	09/12/19	77.28	0.00	336.90	<38.3	--	--	1.8	<0.083	<0.14	<0.31	--	5.4J	<2.0
	12/12/19	77.70	0.00	337.60	<38.3	--	--	0.32J	<0.083	<0.14	<0.31	--	3.4J	--
	03/11/20	78.27	0.00	335.91	Insufficient Water to Sample									
	07/31/20	77.60	0.00	336.58	Insufficient Water to Sample									

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Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

Well ID TOC Elevation	Sample Date				Total Petroleum Hydrocarbons			Aromatic Hydrocarbons					Metals	
		DTW (feet)	LPH (feet)	GW Elev. (feet)	TPH-G (µg/L)	TPH-D (µg/L)	TPH-O (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MTCA Method A Cleanup Levels					**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**15**	**15**

EXPLANATION:

All concentrations are in µg/L (ppb).

Wellhead elevations were taken from prior consultant's reports

DTW = Depth to water in feet below top of casing

LPH = Liquid-phase hydrocarbon thickness in feet

GW Elev. = Groundwater elevation in feet relative to top of casing elevations

Groundwater elevations were corrected for LPH using a specific gravity of 0.75.

TPH-G = Total Petroleum Hydrocarbons as gasoline by Ecology Method NWTPH-Gx

TPH-D = Total Petroleum Hydrocarbons as diesel and oil by Ecology Method NWTPH-Dx

Prior to 5/18/11, BTEX Analyzed by EPA Method 8021B.

After 5/18/11, BTEX Analyzed by EPA Method 5030B/8260.

Total Pb = Total lead by EPA Method 6020

Diss Pb = Dissolved lead by EPA Method 6020

Prior to December 20, 2011, 1,2-DCA = 1,2-Dichloroethane; PCE = Tetrachloroethene; TCE = Trichloroethene; 1,1-DCE = 1,1 Dichloroethene; 1,2-DCE = 1,2 Dichloroethene; 1,2-DCP = 1,2 Dichloropropane analyzed by EPA Method 8260.

Prior to December 20, 2011, EDB (1,2-Dibromoethane) analyzed by EPA Method 8011.

After December 20, 2011, 1,2-Dichloroethane (1,2-DCA); Tetrachloroethene (PCE); Trichloroethene (TCE); 1,1 Dichloroethene (1,1-DCE); 1,2 Dichloroethene (1,2-DCE); 1,2 Dichloropropane (1,2-DCP) and 1,2-Dibromoethane (EDB) analyzed by EPA Method 8260.

1n = Sample was evaluated to the MDL.; 2n = Diluted analysis conducted in excess of EPA method holding time; 4n = Sample was reanalyzed 3 days outside of holding time due to carryover.

J = Estimated concentration above the adjusted method deltection limit and below the adjusted reporting limit.

M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Z2 = Analyte present in the associated method blank above the detection limit.

Prior to second quarter 2008, monitoring wells surveyed to relative elevations. Wells were surveyed relative to sea level during the second quarter of 2008.

[1] = For wells GW-7D through GW-12D: Well designations changed from GW-7 through GW-12 respectively to reflect that the wells are designated as deep water bearing zone wells.

< = Less than the stated laboratory reporting limit

NM = Not Measured

NA = Not Analyzed or Sampled

[a] Concentration levels stated by MTCA Method A for TPH-G are 1,000 µg/L when no benzene is present and 800 µg/L when benzene is present.

[b] Approximated due to wellhead modification

[c] Samples collected from stub-ups inside remediation compound

[d] Well contained insufficient water to sample, labeled dry when unable to pull any water from well.

NP = Not Purged

NA = Not established

Data collected before May 18, 2011 was obtained from prior consultants.

* DTW measurements collected 1 day prior to sampling

** Analytical results are anomalous compared to historical data. Cardno ATC suspects that sample ID's "GW-5" and "GW-6" may have been switched.

TABLE 3
Soil Sample Attenuation Comparison
Phillips 66 Facility No. 2701476 (AOC 2063)
12660 First Avenue South
Seattle, Washington

	Sample Location	Sample Collection Date	Sample Depth (feet)	TPH-g (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/kg)	Approx distance btw points (feet)
MTCA Method A Cleanup Level (mg/Kg)				30/100	0.03	7	6	9	
Older Sample:	**NWW**	1/8/1992	11	1.7	**0.15**	0.22	ND	0.3	
Newer Sample:			NA						
		Percent Reduction		***NA***	***NA***	***NA***	***NA***	***NA***	
Older Sample:	**TFOX-1**	01/17/92	14.5	2.1	**0.067**	<0.10	<0.10	0.14	
Newer Sample:			NA						
		Percent Reduction		***NA***	***NA***	***NA***	***NA***	***NA***	
Older Sample:	**SDOX-F1***	01/23/92	3.0	**110**	<0.050	0.26	0.49	8.5	
Newer Sample:	GW-14D-3	10/16/18	3	<0.71	<0.0030	<0.0129	<0.0029	<0.0123	30
	GW-15D-3	10/10/18	3	<0.80	<0.0034	<0.0145	<0.032	<0.0138	22
	GW-17D-3	10/12/18	3	<0.69	<0.0031	<0.0135	<0.0030	<0.0129	23
		Percent Reduction		***99.27***	***NA***	***94.42***	***99.35***	***99.84***	
Older Sample:	**SDOX-WW**	01/23/92	2.0	**45**	<0.050	<0.10	<0.10	0.11	
Newer Sample:	GW-17D-3	10/12/18	3	<0.69	<0.0031	<0.0135	<0.0030	<0.0129	10
		Percent Reduction		***98.47***	***NA***	***NA***	***NA***	***88.27***	
Older Sample:	**SDOX-F4***	02/20/92	15.0	**150**	**0.47**	4.7	2.8	**18**	
Newer Sample:	GW-14S-15	10/17/18	15	<0.74	<0.0032	<0.0137	<0.0031	<0.0131	24
	GW-16D-15	10/25/18	15	<0.71	<0.0030	<0.0132	<0.0029	<0.0125	24
		Percent Reduction		***99.51***	***99.32***	***99.71***	***99.89***	***99.93***	
Older Sample:	**SDOX-DWW1***	02/20/92	11.0	**470**	**1.4**	**14**	**7.9**	**48**	
Newer Sample:	GW-14S-15	10/17/18	15	<0.74	<0.0032	<0.0137	<0.0031	<0.0131	24
		Percent Reduction		***99.84***	***99.77***	***99.90***	***99.96***	***99.97***	
Older Sample:	**SDOX-DSW1***	02/20/92	12.0	**1,200**	**4.9**	**69**	**36**	**210**	
Newer Sample:	GW-14S-15	10/17/18	15	<0.74	<0.0032	<0.0137	<0.0031	<0.0131	21
		Percent Reduction		***99.94***	***99.94***	***99.98***	***99.99***	***99.99***	
Older Sample:	**SDOX-DEW1***	02/20/92	10.0	**57**	<0.050	0.36	0.42	2.3	
Newer Sample:	GW-14S-15	10/17/18	15	<0.74	<0.0032	<0.0137	<0.0031	<0.0131	21
		Percent Reduction		***98.70***	***NA***	***96.19***	***99.26***	***99.43***	
Older Sample:	**B-1**	04/20/92	15	**960**	**0.62**	**34**	**18**	**110**	
Newer Sample:	GW-14S-15	10/17/18	15	<0.74	<0.0032	<0.0137	<0.0031	<0.0131	22
		Percent Reduction		***99.92***	***99.50***	***99.96***	***99.98***	***99.99***	
Older Sample:	**MW-5**	04/20/94	35 - 35.5	**2,100**	<0.1	**40**	**23**	**140**	
Newer Sample:	GW-18S-30	10/19/18	30	<0.72	<0.0030	<0.0130	<0.0029	<0.0123	5
		Percent Reduction		***99.97***	***NA***	***99.97***	***99.99***	***99.99***	
Older Sample:	**MW-5**	04/20/94	75 - 75.5	**1,000**	**3.8**	**37**	**14**	**78**	
Newer Sample:	GW-18D-75	10/22/18	75	<0.73	<0.0030	<0.0131	<0.0029	<0.0125	7
		Percent Reduction		***99.93***	***99.92***	***99.96***	***99.98***	***99.98***	
Older Sample:	**MW-6**	04/20/94	40 - 40.5	16	**0.1**	0.33	0.1	0.63	
Newer Sample:	GW-13S-40	10/11/18	40	<0.70	<0.0030	<0.0131	0.0093	<0.0125	4
		Percent Reduction		***95.63***	***96.90***	***96.03***	***90.70***	***98.02***	
Older Sample:	**MW-6**	04/20/94	60 - 60.5	<1.0	**0.12**	0.11	<0.1	<0.1	
Newer Sample:	GW-13D-60	10/12/18	60	<0.93	**0.553**	<0.0150	<0.0033	<0.0142	4
		Percent Reduction		***NA***	***-360.83***	***86.36***	***NA***	***NA***	
Older Sample:	**AI-1**	04/20/94	20 - 20.5	11	**0.17**	0.42	0.2	1.0	
Newer Sample:	GW-14S-20	10/17/18	20	3.8	<0.0031	<0.0134	0.206	1.290	20
		Percent Reduction		***65.45***	***98.18***	***96.81***	***-3.00***	***-29.00***	
Older Sample:	**AI-1**	04/20/94	40 - 40.5	4.9	**0.11**	0.18	<0.1	0.21	
Newer Sample:	GW-14D-80	10/18/18	80	<0.75	<0.0031	<0.0135	<0.0030	<0.0128	19
		Percent Reduction		***84.69***	***97.18***	***92.50***	***NA***	***93.90***	
Older Sample:	**SB-1-30'**	07/18/12	30	**273**	0.0135	0.873	1.59	**11**	
Newer Sample:	GW-14S-35	10/17/18	35	18.8	<0.0030	<0.0128	0.160	0.724	16
		Percent Reduction		***93.11***	***100.00***	***98.53***	***89.94***	***93.59***	
Older Sample:	**SB-1-50'**	07/18/12	50	**49.1**	**0.172**	0.800	0.459	2.99	
Newer Sample:	GW-14S-50	10/17/18	50	3.9	0.0206	0.107	0.111	0.791	16
		Percent Reduction		***92.06***	***88.02***	***86.63***	***75.82***	***73.55***	
Older Sample:	**SB-5-30'**	07/19/12	30	**56.5**	<0.0026	0.0028	0.0034	0.0138	
Newer Sample:	GW-18S-30	10/19/18	30	<0.72	<0.0030	<0.0130	<0.0029	<0.0123	8
		Percent Reduction		***98.73***	***NA***	***-364.29***	***14.71***	***10.87***	
Older Sample:	**SB-5-45'**	07/19/12	45	**675**	0.0077	1.440	2.530	**20.1**	
Newer Sample:	GW-18S-45	10/19/18	45	**55.3**	<0.0032	0.0272	0.119	0.533	8
		Percent Reduction		***91.81***	***100.00***	***98.11***	***95.30***	***97.35***	

Note: when new concentration is ND, zero is used for percent reduction calculation

BOLD values exceed CUL

* Sample was beneath dispensers; closest samples used for comparison