SEMI-ANNUAL GROUNDWATER MONITORING
TECHNICAL MEMORANDUM

Former Springvilla Dry Cleaner
1459 Mohawk Boulevard
Springfield, Oregon 97401

Oregon DEQ ECSI No. 3222

Prepared for:

McKay Investment Company
2350 Oakmont Way, Suite 214
Eugene, Oregon 97401

Prepared by:

PNG ENVIRONMENTAL, INC.

Project Number 1176-01
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6665 SW Hampton Street, Suite 101
Tigard, Oregon 97223
TEL (503) 620-2387
FAX (503) 620-2977

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1 INTRODUCTION

At the request of McKay Investment Company, PNG Environmental, Inc. (PNG) prepared this Technical Memorandum summarizing the April 2022 semi-annual groundwater monitoring activities at the former Springvilla Dry Cleaner located in Springfield, Oregon (Figure 1). Regularly scheduled groundwater monitoring has been required by the Oregon Department of Environmental Quality (DEQ) as part of focused remedial investigation (RI) activities (DEQ 2015). Focused RI activities are being conducted under a DEQ Voluntary Cleanup Program (VCP) Letter Agreement with McKay Investment Company.

Groundwater monitoring is being performed to characterize the extent and distribution of volatile organic compound (VOC) contamination from the former Springvilla Dry Cleaner and also to refine the understanding of the hydrologic flow system. This sampling event provides comparison to prior semi-annual seasonal events. The monitoring is also used to assess plume geometry, collect data necessary to evaluate geochemical conditions and natural attenuation, and understand possible influence from the Rainbow Water District's (RWD's) Q Street municipal water-supply well. These data and recently completed pumping assessment will be used to support a final conceptual site model (CSM). The CSM will be used to support the final locality of facility (LOF) in future technical discussions with DEQ.

2 BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The former Springvilla Dry Cleaner was located at 1459 Mohawk Boulevard, Springfield, Oregon (Figure 1). It operated as a self-service laundry and dry cleaner from the 1960s until 1999 (HartCrowser 2004). The former 4,000 square foot (sq. ft.) dry cleaner facility was located within a larger 270,000 sq. ft. structure (formerly Waremart) that is currently unoccupied (Figures 2, 3, and 4). The Waremart structure is one of seven structures that comprise the 12.57-acre Mohawk Shopping Center.

The site is bordered to the east (i.e., regionally upgradient direction of groundwater flow) by 18th Street with commercial buildings and apartments. A similar setting exists to the south across Centennial Boulevard. The west to northwest boundary is bordered by northeast trending Mohawk Boulevard with downgradient buildings consisting of large commercial buildings to the south and smaller commercial and residential buildings to the north. The ten blocks west of the site are predominantly single-family residences with some mixed commercial buildings. Further to the west, the site is predominantly residential.

2.2 CURRENT WELL NETWORK

The current Springvilla monitoring well network consists of 29 on-site and 47 off-site wells (76 wells total). Sixty-four of the wells are screened in a single aquifer zone while twelve are of continuous multi-level tube (CMT) construction (Figures 2 and 3). Aquifer zones characterized by the multi-level wells range in depth from 14.2 to 134.5 feet below ground surface (bgs) and characterize up to seven vertical zones. The majority of the multi-level wells are located down gradient to the west of the former Springvilla, covering an area of approximately 180 acres.

Off-site well network expansion in 2016, with single-zone monitoring wells, provided greater characterization and refinement of the off-site groundwater contaminant plume. These wells consist of single well screens ranging in depths between 15 and 115 feet bgs. Single wells, as opposed to the multiple port CMT wells, also offered the advantage of accommodating transducers to support hydraulic assessment, as necessary. One domestic use irrigation well (1350 N St.) and the Q Street municipal-supply well (located approximately 1,800 feet and 4,200 feet down-gradient from the former Springvilla, respectively) are also monitored for quality.

2.3 GEOLOGY

Springfield is located in an east to west-northwest trending valley located between Mt. Pisgah to the south and Coberg and Camp Creek Ridges to the north. These topographic highs consist of bedrock materials. Unconsolidated valley fill, including relatively porous younger alluvium overlying less pervious older alluvium, compose the valley interior. The alluvial materials form the principal aquifer system in the valley. The alluvial valley fill and adjacent bedrock highs are the primary factors influencing the geometry of regional groundwater flow to the west-northwest and along the valley trend. The younger alluvium ranges in thickness reportedly up to approximately 40 feet, while the older alluvium ranges in thickness in excess of 400 feet (Golder 1995). The younger alluvium is reportedly characterized by clean sand and gravel materials. In contrast, the older alluvium consists of mixtures of clay, silt, sand, and gravel. Continuous strata dominated by any one grain size is not traceable for great distances in the subsurface.

Remedial investigations by PNG (PNG 2015, 2018a, and 2018b) and others (MFA 2001; HartCrowser 2002, 2008, and 2010) indicate the local stratigraphy is consistent with characterization of regional alluvial deposits:

- The younger alluvium is found to consist of two stratigraphic units:
  1. An upper fine-grained clayey silt/silty clay unit (Silt Unit) that is generally observed to depths of approximately 11 feet bgs, and
  2. An underlying coarse-grained gravel unit (Gravel Unit) with interbedded layers of sand, silt, and clay which is found to depths of 40 to 60 feet bgs. The upper zone of approximately 40 feet of gravels is relatively free of silt and appears to be relatively homogeneous.
- The older alluvium is interpreted, by multiple site investigators, as the transition to the heterogeneous and more silty lower zone, beginning at depths between 40 to 60 feet. Older alluvium extends to a minimum depth 120 feet, based on RI borings, and 312 feet based on the Q Street well. The regional hydrogeologic cross section (Golder 1995) indicates the older alluvium extends to over 400 feet in proximity to the Q Street Well.

2.4 SITE HYDROGEOLOGY

The unconsolidated gravels underlying the Springvilla site comprise a single hydrostratigraphic unit. Early site investigations by other consultants (MFA 2001; HartCrowser 2002, 2004, and 2008) screened monitoring wells in a designated shallow zone (25-35 feet bgs) and intermediate zone (50-70 feet bgs) in this unit. A lower permeability, leaky relationship was interpreted to exist between these two zones (HartCrowser 2008) which supports the rationale for the depth of installation for these monitoring wells. This interpretation is consistent with RI observations of an increase in silt at depths between 40 to 60 feet bgs. Remedial investigations indicate this transition is not readily identifiable in the field. This subtle transition appears to have significant influence on vertical migration of Springvilla contamination as further described in Section 4.

2.5 Q STREET MUNICIPAL SUPPLY WELL

The RWD Q Street municipal supply well is located 4,200 feet downgradient and northwest of the former Springvilla. This well is constructed of three separate 14-inch well screens (0.014 slot) placed in three separate zones between 110 and 280 feet bgs. The reported sustainable yield from when the well was relatively new ranged from 300 to 400 gallons per minute (gpm). Currently the well is reportedly pumped by RWD during the summer months at rates between 220 to 250 gpm with three four-hour per week maintenance discharges the rest of the year (RWD 2020 and 2022).

At the time of installation, the Q Street well boring was logged to a depth of 312 feet bgs. The driller's well log indicates mixtures of gravel (fine to coarse), sand, and clay to a depth of approximately 68 feet bgs, generally consistent with the Gravel Unit observed at the site. Below the 68-foot depth, alternating layers of generally finer grained materials, including sand, sandy clay, and clay are noted to the total depth of penetration at 312 feet bgs. Nearby deep-zone RI monitoring well screens (e.g., MW44d, MW-45d, MW-46d, MW-47d, MW-48d, and MW-49d) overlap the top portion of the upper Q Street well screen.

A pumping assessment was completed between October 18, 2017 and September 28, 2018, to assess the potential relationship between pumping at the Q Street well with

migration of the Springvilla plume. The pumping assessment network consisted of monitoring wells MW-44i, MW-45i,d, MW-46i,d, MW-47i,d, and MW-49i,d ranging in distance from 500 to 1,700 feet from the Q Street well.

The results of the pumping assessment determined operation of the Q Street well resulted in a clear response at all deep-zone monitoring wells except MW-42d (background well). Intermediate zone monitoring wells (except MW-42i) were also affected, but to a much lesser degree. The results of the pumping assessment have been reported under separate cover (PNG 2019) and follow-up modeling (PNG 2022) that are described where appropriate later in this report.

2.6 REGULATORY FRAMEWORK

Oregon's environmental cleanup rules (Oregon Administrative Rules [OAR] 340-122) establish the standards and procedures to be used to assure protection of the present and future public health, safety and welfare, and the environment in the event of a release or threat of a release of a hazardous substance. In the event of a release of a hazardous substance, remedial actions shall be implemented to achieve:

- Acceptable risk levels defined in OAR 340-122-0115, as demonstrated by a residual risk assessment; or
- Numeric cleanup standards developed as part of an approved generic remedy identified or developed by the DEQ under OAR 340-122-0047, if applicable; or
- For areas where hazardous substances occur naturally (e.g., metals, etc.), the background level of the hazardous substances, if higher than those levels specified above.

Acceptable risk levels may be evaluated through conducting a site-specific risk assessment that calculates exposure point concentrations (EPCs) for specific exposure-pathway receptor-scenarios, or responsible parties (RPs) may use generic for hazardous substances under DEQ's Risk-Based Decision Making (RBDM) guideline to streamline the risk assessment process. In terms of the latter, DEQ has compiled default risk-based screening-reference levels (DEQ 2018) for common exposure-pathway receptor-scenarios that may be utilized in lieu of site-specific risk calculations (OAR 340-122-0115). In particular, the pre-calculated risk-based concentration (RBC) represents the concentration of a contaminant of interest (COI) in the impacted medium (e.g., soil, groundwater, or air) that potentially represents an unacceptable risk level.

Locality of Facility

The LOF boundary defines the current and future plume(s) where screening or cleanup criteria will be applied to potential receptors. It can only be finalized once the plume is fully characterized, and fate and transport conditions related to plume migration are understood. Since focused RI activities are nearly complete, the nature and extent of VOC characterization is well understood and the LOF can be preliminarily defined. Recent focused RI efforts involving the off-site well installations, sampling, and hydraulic analyses added critical data that indicates the plume is bounded by an approximate 1.5 square mile area with S Street to the north, 21st Street to the East, E Street to the South, and 7th Street to the West. This network is appropriate for continued assessment of both water quality and groundwater well use (Table 1, Figure 3). As the current and likely future extent of groundwater containing VOCs is assessed, the LOF will be refined and modified, as necessary.

Land Use within Current Locality of Facility

Based on the Eugene-Springfield Metro Area General Plan and associated refinement plans within the area of the preliminary LOF, the location of the former Springvilla Dry Cleaner and adjacent properties currently consist of mixed commercial (including urban residential) use that (based on the mentioned comprehensive and refinement plan) are anticipated to remain for the foreseeable future. In addition, more distant areas west of the former Springvilla Dry Cleaner are currently and reasonably expected to be utilized for a combination of residential, public land and open space, commercial, government land, and educational uses into the foreseeable future (Figure 2).

DEQ Risk Based-Concentrations

DEQ first developed RBDM guidance for comparing COI concentrations to default RBCs for applicable human health exposure scenarios in 2003. These RBCs eventually replaced Environmental Protection Agency (EPA) Preliminary Remediation Goals (PRGs) as screening criteria in human health risk assessments. Published RBC tables are updated periodically by DEQ; with the most recent update relevant to Springvilla published in 2018 (DEQ 2018).

In the 2009 revision to its RBC tables, DEQ included newly-developed soil gas and indoor air RBCs for residential, urban residential, and occupational settings. DEQ also published final guidance for vapor intrusion assessments (DEQ 2010), and issued air and soil vapor RBC values which have also been revised over time. In October 2017, DEQ updated their guidance as Risk-Based Decision Making for the Remediation of Contaminated Sites to reflect a broader spectrum of contaminated sites (DEQ 2017). The last DEQ RBC table revision was in May 2018 (DEQ 2018).

The published RBCs represent a conservative default concentration of a chemical in an impacted medium (e.g., soil, groundwater, or air). When chemical concentrations on a site exceed the RBC, unacceptable human health impacts are possible. For carcinogens, the regulatory standard is represented by an excess cancer risk of one in one million (1E-06); for non-carcinogens this is represented by a Hazard Index of 1. RBC exceedances typically trigger further investigation and potentially a human health risk assessment. Therefore, RBCs can be applied at sites as generic, conservative cleanup standards and are routinely used by DEQ to determine if a site requires additional action. Site specific parameters used in the equations to develop the RBCs are often adjusted to match actual conditions in developing site-specific cleanup levels. As such, DEQ reserves the right to disallow the use of generic RBCs at sites that may not fit generic RBC default conditions, such as at sites with widespread contamination.

There are several exposure pathways by which a receptor may be exposed to a chemical, including incidental ingestion, inhalation, and dermal contact with the affected medium. The current and reasonably anticipated future use of properties in the LOF are the primary criterion for determining whether a certain exposure pathway is likely to be of concern.

Considering the current industrial and occupational use of the Springvilla and Mohawk shopping center property and residential use in downgradient plume areas, the potential receptors and pathways that are considered preliminarily applicable are discussed further below. DEQ recently informed PNG that the current Springvilla property owner has plans to re-develop this property within its existing mixed commercial use that includes urban residential housing. DEQ has indicated that site redevelopment may involve removing the site building, removal of concrete and asphalt pavement, and excavation of utilities

and building foundations. If such re-development were to occur the potential receptors and pathways would need to be re-evaluated.

- Direct contact with soil by an occupational worker or construction worker. This could be a complete pathway of exposure where tetrachloroethene (PCE) and associated target compounds were released in soil on the Springvilla property. This pathway is only complete for the occupational worker if the contaminants are within three feet of land surface. The depth of concern for excavations is 10 to 15 feet below ground surface (bgs).

  On-site investigation completed in early 2021 further characterized the nature and extent of target compounds in soil in the on-site source area (PNG 2021a). Seventeen shallow soil samples collected between depths of 3 to 15 feet bgs did not detect target compounds exceeding occupational RBCs for direct contact. In addition, where detected, no target compound concentration exceeded more conservative residential RBCs for direct contact.

- Direct contact with groundwater by an excavation worker is a complete pathway in areas where the PCE and associated target compound plume exists at a depth within 10 to 15 feet of the surface. As illustrated in Tables 2 through 4, the depth to groundwater ranged seasonally from 4 to 15 feet bgs depending on well location. The pathway is therefore complete and target contaminants must be screened against their applicable RBC (i.e., PCE at 5,600 micrograms per liter [ug/L], etc.). On-site investigation in early 2020 and 2021 further characterized the nature and extent of shallow groundwater quality in the on-site source area (PNG 2020a and 2021a). The results of these investigations did not identify concentrations of shallow-zone groundwater contaminants above occupational direct contact RBCs.

- Volatilization of chemicals from subsurface soil or groundwater to indoor and outdoor air is a complete pathway for the Springvilla property as occupational workers could potentially be exposed in indoor and outdoor air. In the off-site neighborhoods to the west where the plume exists, vapor intrusion to a resident or occupational worker could be of concern if the near surface water (i.e., water table) was contaminated at concentrations above the applicable RBCs for target compounds (i.e., PCE at 3,700 ug/L for residential buildings and 48,000 ug/L for occupational buildings, etc.). However, a layer of near-surface clean groundwater provides protection against vapor intrusion from a deeper plume in the aquifer.

  The on-site source area investigations in 2020 and 2021 evaluated both source area soil and groundwater for potential vapor intrusion concerns (PNG 2020a and 2021a). Shallow source-area groundwater investigation samples, including temporary well point borings and existing well installations, indicate the highest concentrations of shallow-groundwater target compounds were detected at six locations in proximity to the former interim remedial action measure (IRAM) excavation (i.e., IN-1s, and PNG-3, -9, -10 -12 and -16 [PNG 2021a]). Concentrations of PCE ranged from 3.5 to 502 ug/L, and were below occupational vapor intrusion RBCs. The detectable shallow-zone plume on the Mohawk Shopping Center property was characterized to be primarily located beneath the former Waremart building.

  Soil quality samples collected from some of these same borings during the 2020 investigation were well below occupational RBCs, with one exception. PCE was detected at a concentration of 54 mg/kg in PNG-6 located in the eastern wall of the former IRAM excavation and immediately adjacent to a building load-bearing

post. While the PCE detected in this one soil sample exceeds the occupational screening RBC for vapor intrusion to buildings of 36 mg/kg, empirical evidence from soil vapor pins indicate this pathway may not represent an unacceptable risk (i.e., sub-slab soil gas concentrations in the vicinity of PNG-6 do not exceed the occupational RBC for vapor intrusion). It is expected that this pathway will be further evaluated in the future risk assessment for the site.

- Evaluation for domestic uses of groundwater in the LOF are ongoing. Of the 100 domestic wells identified in the LOF, one domestic well and one municipal supply well have been identified as known drinking water sources. The applicable RBCs for PCE and TCE (trichloroethene) in residential drinking water are 12 ug/L and 0.49 ug/L, respectively. Other groundwater use receptor scenarios beyond that established for generic RBC ingestion (i.e., such as irrigation contact) will require evaluation in the future.
- Soil leaching to groundwater was previously considered a complete pathway as the PCE and TCE on the Springvilla property migrated through the surficial silts/sands into the gravel aquifer. Early 2020 investigations further characterized the current nature and extent of target compound soil quality in the on-site source area (PNG 2021a). While both PCE and TCE were detected at various concentrations in thirteen of seventeen soil samples from eleven push probe locations, all were below occupational RBCs for leaching to groundwater with one exception. PCE and TCE were detected at concentrations of 54 mg/kg and 0.31 mg/kg at PNG-6, located in the eastern wall of the former IRAM excavation and immediately adjacent to a building load-bearing post (PNG 2020a). The PCE and TCE both exceed their occupational RBCs of 1.9 mg/kg and 0.087 mg/kg for leaching to groundwater. It is expected that this pathway will be further evaluated in the future risk assessment for the site.
- Surface water has not been identified in the LOF; therefore, the plume discharge to surface water pathway is incomplete.

Potentially applicable RBCs for groundwater pathways are included in Tables 5 through 7. Since groundwater impacts have been identified in the off-site down-gradient area, and in proximity to a municipal water-supply well, EPA Maximum Contaminant Levels (MCLs) are applicable to down-gradient groundwater. As such, these levels are included as screening levels on the on-site Springvilla source-area groundwater data tables; the MCL for both PCE and TCE is 5 ug/L.

The characterization of the nature and extent of soil and groundwater contamination do not suggest pathways to ecological receptors. As the LOF becomes refined in the future, the need for ecological screening will be re-assessed.

3 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring was completed at the site in April 2022 in accordance with PNG's Sampling and Analysis Plan (SAP) (PNG 2018c) approved by DEQ. The Q Street Municipal Supply well was sampled on April 15, 2022. MW-49d could not be sampled because it was under pressure from Q Street Well maintenance discharges described in Section 2.5 and 4.1. The 1350 N Street well could not be sampled because the private well owner had not turned this well on for the summer season yet. Water levels were collected from all site monitoring wells on April 11, 2022, followed by groundwater sampling of selected site monitoring wells per the SAP. The significance of the water level monitoring is discussed in Section 4. Monitoring well sampling logs are included in Appendix A. The groundwater monitoring schedule, well screen depths, and groundwater elevations from the wells are summarized in Tables 1 through 4.

The groundwater samples were shipped with chain-of-custody documentation in sealed and chilled containers to Pace Analytical (Mt. Juliet, Tennessee) for analytical testing on a normal (14-day) turnaround basis. All groundwater samples, including trip blanks, were analyzed for the presence of target VOCs by EPA Method 8260D. Select wells were also sampled for expanded natural attenuation parameter analysis per the SAP including: total organic carbon (TOC) by EPA Method 9060A; nitrate, nitrite, and sulfate by EPA Method 300.0; total and dissolved iron and manganese by EPA Method 6020A; methane, ethane, and ethane (MEE) by Method RSK 175; and *Dehalococcoides* census (DHC). Groundwater analytical testing results are summarized in Tables 5 through 8. The laboratory analytical reports and chain-of-custody documentation for the samples are included in Appendix B.

Eighty-gallons of investigative derived waste (IDW) water consisting of monitoring well sampling purge water was containerized in one 55-gallon and one 85-gallon drum containments that were temporarily stored on-site. On November 15, 2021, PNG submitted an *Updated Application to Dispose of Contaminated Groundwater* to the City of Springfield Industrial Pretreatment Program. The City of Springfield approved the permit on November 19, 2021, as a blanket permit to cover individual batch discharges at that time and in the future. On May 6, 2022, PNG submitted a request to the city for a batch discharge under the blanket permit. On May 10, 2022, the City approved the batch discharge. On May 19, 2022, the 80 gallons of IDW water was discharged under the blanket permit to the City of Springfield sanitary sewer (publicly operated treatment works [POTW]). All IDW water characterization, permitting, and disposal documentation is included in Appendix C.

4 RESULTS

A brief summary of findings regarding the semi-annual groundwater monitoring is provided below. This section presents an overview of site conditions in support of the conclusions presented in Section 5.

4.1 GROUNDWATER FLOW

Groundwater monitoring to-date has established a generally westerly groundwater flow with radial flow components from the southwest to northwest. Groundwater elevation data for site wells is presented in Tables 2 through 4. Shallow and intermediate zone groundwater contour maps for wells local to the Springvilla site with interpreted flow directions are illustrated in Figures 5 and 6. Shallow, intermediate, and deep zone groundwater contour maps for wells within the more regional LOF are illustrated in Figures 7 through 9.

Groundwater flow in the shallow and intermediate zones in the vicinity of the Springvilla site flows to the west-northwest as indicated in Figures 5 and 6. Further to the west and down-gradient, off-site flow is to the northwest consistent with regional flow (Figures 7 and 8). Historic data indicated an anomalous southwest flow direction from the site towards the pumping center at the McKenzie-Willamette Medical Center (McKenzie-Willamette); however, the April 2022 data do not reflect this strong of an anomaly.

The wet season April 2022 data flow directions are nearly identical to the directions plotted and interpreted for the wet season April 2021 data (PNG 2021). Depths to groundwater in April 2022 were similar in depth to those of the prior April 2021 event. Wet season event depths were one to four feet shallower compared to dry season event depths. The intermediate groundwater elevations indicate a similar trend between wet season and dry season events.

Deep zone groundwater flow in proximity to the site is generally to the northwest, consistent with regional groundwater flow (Figure 9). The contours reflect a residual drawdown cone of depression created by the Q Street well that was pumped at an average rate of 20 gpm between approximately October 2021 through the time of sampling in April 2022 (i.e., three weekly maintenance runs of four hours each at 300 gpm) (RWD 2022). Groundwater level measurements and quality samples have been attempted at MW-49d since Q Street well rehabilitation in the summer of 2018. However, due to either seasonal pumping during summer months or maintenance discharges as noted during winter months, it is not possible. In either season there is such a strong hydraulic connection that MW-49d is either dry (under negative pressure) or unsafe to uncap (under positive pressure). Other deep wells further upgradient of Q Street indicated drawdowns with generally less magnitude as the distance increased.

Pumping assessment determined nearby wells located upgradient of Q Street (i.e., MW-49d and MW-47d) exhibit more response than cross-gradient wells (i.e., MW-45d and MW-46d). The response results in an asymmetrical cone of depression during both pumping and recovery periods. Pumping assessment also determined deep-zone groundwater levels surrounding the Q Street well did not show full recovery during non-pumping periods. While historical data are not available to show whether these residual drawdowns occurred in previous years, a long-term downward trend in deep-zone groundwater levels may be expected.

Based on the groundwater flow maps, the horizontal gradient is generally flat at approximately 0.005 feet/foot (ft/ft) across shallow, intermediate, and deep zones in

proximity to the former Springvilla. Vertical gradients at nested single zone monitoring wells in proximity to the former Springvilla are consistently downward ranging between 0.003 ft/ft to 0.1 ft/ft in all three aquifer zones.

Pumping assessment determined vertical gradients between the intermediate and deep zones change dramatically in proximity to the Q Street well, with a very strong downward component coincident with groundwater pumping. This gradient was strongly influenced by proximity to, and operation of, the Q Street well. Residual drawdowns observed in the deep zone surrounding the Q Street well indicate a relatively large vertical gradient persisted throughout the pumping assessment period in the vicinity of the Q Street well. The large gradients from both pumping and non-pumping periods represent a significant driving force for potential leakage between the intermediate and deep zones. Empirical evidence does not suggest significant leakage based on the observed lack of detectable contamination in deep-zone wells described in Section 4.2. At Oregon DEQ's request, groundwater modeling was completed to estimate vertical hydraulic conductivity to quantify empirical observations regarding potential leakage between the intermediate and deep zone under pumping conditions. The calculated vertical flow rate under pumping conditions ranged from 1.5E-04 feet/day ($5x10^{-8}$ cm/s) at MW-42 to 4.0E-03 ft/day ($1.4x10^{-6}$ cm/s) at the Q Street well. These vertical flow rates are significantly lower than horizontal flow rates in the area (PNG 2022).

4.2 GROUNDWATER QUALITY

The target VOCs established for the former Springvilla site include: PCE, TCE, cis-1,2-Dichloroethene (cis-1,2-DCE), and vinyl chloride. While these VOCs have been detected at various concentrations at the source in proximity to the former Springvilla Dry Cleaner, concentrations on the Mohawk Shopping Center property have been substantially remediated. The off-site plume starts at the west on-site boundary with moderate PCE concentrations of less than 200 ug/L that reduce to generally below detection limits with migration to the southwest, west, and northwest. These interpretations are illustrated in groundwater quality Figures 10 and 11 and isoconcentration contour Figures 12 through 17, and are further described in the following sections. PCE-TCE concentration trend charts for select wells are included in Appendix D.

4.2.1 Plume Geometry

The on-site well network has provided data that characterize significant reductions in plume concentrations from multiple IRAMs in close proximity to the former Springvilla Dry Cleaner and Waremart structure (HartCrowser 2005). The highest initial concentration of PCE (7,800 ug/L) was detected in shallow groundwater (DEQ-4s at 10-25 feet bgs) in close proximity to the former Springvilla Dry Cleaner. Recent source area investigations identified an area of elevated residual shallow groundwater was present at PNG-16 centered on the former IRAM soil excavation with elevated concentrations (i.e., PCE up to 502 ug/L) located in near down-gradient areas (Figure 18) (PNG 2021a). The shallow dissolved VOC plume has been extensively remediated and remains either not detected, or at relatively low concentrations compared to pre-remedial concentrations in the source area.

The highest initial concentrations of PCE in intermediate aquifer zone groundwater (2,000 ug/L at 50 to 70 feet bgs) were in close down-gradient proximity to the former Springvilla Dry Cleaner at MW-21i. PCE concentrations in on-site intermediate groundwater exhibit a similar reduction following IRAM activities, but have not reached non-detect levels. Recent focused on-site groundwater investigation at PNG-17 detected

PCE at a concentration of 1,860 ug/L at an intermediate-zone depth interval of 40-42.5 feet bgs (Figure 19).

The recent depth discrete samples from PNG-17, PNG-18, and PNG-19 (i.e., at depths of 30-32.5, 40-42.5, and 50-52.5 feet bgs) supplemented by on-site site monitoring well data generally characterize the intermediate-zone groundwater on-site and refine the distribution of VOCs in a zone critical to the conceptual site model. While the highest on-site shallow-zone concentrations of VOCs were detected at PNG-16 in close proximity to the former Springvilla, the highest on-site concentrations down-gradient from there were detected in the upper intermediate zone at a depth of 40-42.5 feet bgs in PNG-17, PNG-18, and PNG-19. In this zone, PCE ranged between 53 to 1,860 ug/L (Figure 19).

PCE at a concentration of 1,860 ug/L is the highest detected in the intermediate-zone on the Springvilla site since July 2001 (i.e., MW-21i at 2,000 ug/L). Similar to shallow-zone groundwater contaminant findings, the relatively lower concentrations detected in the broader on-site intermediate-zone area likely reflect the effectiveness of prior IRAMs.

Further down-gradient at the western property boundary, contamination continues to be detected at MW-25 cmt at aquifer depths ranging from 30 to 83 feet bgs (Figures 10 and 11). During the April 2022 event at MW-25 cmt, PCE was detected at concentrations of 74 and 70 ug/L at depths of 43 and 83 feet bgs respectively.

The on-site data indicate a pattern of contaminant migration into the intermediate zone within a short distance of migration from the Springvilla source area (Figures 18 and 19). The data indicate shallow-zone contamination in close proximity to the Springvilla source migrates quickly into the upper-intermediate zone at a 40-50 foot depth interval, and then further down-gradient and off-site. This pattern of the highest contaminant concentrations in the intermediate-zone depth interval is consistent with off-site findings where the primary contaminant plume is located within a broader intermediate-zone depth range between 40 to 60 feet bgs throughout the locality of facility (PNG 2021a).

On the south property boundary, PCE in MW-17i has been reduced from 1,200 ug/L in 2001 to at or near the detection limit starting in 2010; TCE was not detected in MW-17i during the April 2022 event. The lack of contamination at this location further reflects the effectiveness of prior IRAMs.

Off-site shallow groundwater impacts are generally well defined showing an elongated contaminant plume typical of VOC releases (Figures 12 and 15). The highest shallow off-site PCE and TCE concentrations of 29 ug/L and 2.6 ug/L were detected at MW-50s located within 200 feet of the Mohawk Shopping Center property. Shallow-zone groundwater contaminant concentrations rapidly decrease at MW-27 and MW-28 cmt located 1,000 feet down-gradient from the property.

Off-site deep-zone groundwater is not-detected at all locations sampled (Figures 11, 14, and 17).

Groundwater monitoring has established that the off-site plume is primarily limited to mid-depth portions of the aquifer between 40 to 60-foot depths (Figures 11, 13, and 16). This pattern of a diving plume with travel distance from the source is consistent with the downward vertical gradient pattern observed in nested wells. Progressively siltier soil, starting in the intermediate zone and continuing deeper into the alluvium, is likely the reason the plume has not migrated into the deeper aquifer zone.

The down gradient intermediate-zone plume migrating off-site is uncharacteristically wide with a plume front of at least 4,200 feet oriented north to south. With regional groundwater flow consistent to the west-northwest, other hydraulic forces are likely responsible for the unusual plume geometry. To the north, pumping of the Maia and

Chase well fields are considered as possible influence on northerly plume migration (PNG 2020b). However, well construction, production rates, and well logs for the Maia and Chase well fields do not appear to explain anomalous contaminant plume geometry to the north of the Springvilla (PNG 2020b).

Some 1,600 feet to the southwest, historic pumping of seven McKenzie-Willamette wells are assumed to have influenced plume migration counter to the natural northwest flow direction. Five of those wells were removed and two shut down in 2015. Currently, there are no identified production wells to the south of the Springvilla and in proximity to the McKenzie-Willamette that would provide rationale for the currently observed plume configuration to the southwest and cross-gradient of groundwater flow from the Springvilla.

The bulk of the off-site monitoring wells were established during 2012 and 2016 remedial investigations (RI). Monitoring data from the off-site well network suggest the current extent of the groundwater contaminant plume is generally defined in down-gradient areas. However, recent assessment indicates a trend of slightly increasing concentrations in the intermediate plume (Tables 5, 6, and 7 and Appendix D) (PNG 2020b). These trends are observed across the broad off-site area, to the northwest, west, and southwest of the Springvilla. Specific areas have higher rates of concentration increase including to the northwest of the Springvilla in proximity to MW-28 cmt and MW-30 cmt (along Market Street) and to the southwest at MW-32 cmt, MW-34 cmt, and MW-36 s,i in proximity to the McKenzie-Willamette. One off-site domestic irrigation well, located at 1350 N Street with groundwater quality data since 2003, also indicates a trend of increasing PCE concentrations (PNG 2020b).

The RWD Q Street well, some 4,200 feet to the west-northwest of the former Springvilla source, influences deep zone groundwater flow in the downgradient direction. Target compound contamination has not been detected in the Q Street well or deep-zone monitoring wells MW-46d, MW-47d, or MW-48d along the 12th Street alignment where vertical gradients are relatively large (Figures 9 and 14). Increasing contaminant trends in groundwater along Market Street wells indicated a potential for future expansion of the relatively low concentration PCE plume beyond the Q Street well (PNG 2022). Consequently, Oregon DEQ requested groundwater modeling (noted in Section 4.1) to evaluate for continued down-gradient plume migration. While the results of modeling along a transect running from the Springvilla through the Q Street well did not indicate future plume expansion, a more northern transect through MW-45s,i,d indicated potential intermediate zone plume expansion. The modeling results will be discussed with Oregon DEQ as part of the on-going RI.

4.2.2 Groundwater Vapor Intrusion

April 2022 groundwater monitoring results verify target VOC concentrations in shallow groundwater on the Mohawk Shopping Center property remain below DEQ RBCs for occupational vapor intrusion at 48,000 and 3,700 ug/L for PCE and TCE, respectively (Tables 5 and 7, Figures 11, 12 and 15). Shallow PCE concentrations, continue to fall below a more conservative RBC for residential vapor intrusion at 3,700 ug/L.

The relatively low concentration off-site groundwater plume covering approximately 180 acres is the primary focus for potential vapor intrusion. This plume underlies both commercial and residential properties. However, with migration distance downgradient from the Springvilla source, the plume is migrating deeper into the aquifer and is only present in the intermediate aquifer zone. The plume is overlain by a clean shallow aquifer zone that provides protection against vapor intrusion. In addition, concentrations of PCE

and TCE in the intermediate zone throughout the off-site area are below residential RBCs for vapor intrusion.

Consistent with prior groundwater monitoring events, the April 2022 monitoring indicates there is no current risk for vapor intrusion in off-site areas (Figures 11, 12, and 15). At DEQ's direction, in 2019 and 2021 additional on-site investigations were conducted to further assess on-site vapor intrusion concerns. These investigations did not identify concentrations of groundwater contaminants exceeding occupational or more conservative residential vapor intrusion RBCs (PNG 2021a). In addition, two rounds of sub-slab soil gas vapor sampling during high and low groundwater periods did not identify vapor intrusion concerns.

4.2.3 Groundwater Ingestion

The off-site Springvilla plume underlies an area that uses groundwater for domestic and municipal drinking water supply, as well as domestic irrigation well use. Over 100 private water wells have been identified in the preliminary LOF to-date, including the Q Street municipal-supply well. The spatial distribution and depth intervals covered by the off-site RI monitoring well network provide identification of areas at risk of exceeding drinking water (or potentially irrigation) RBCs. Domestic wells that are identified within the locality of groundwater contamination are being assessed and independently reported through the Domestic Well Beneficial Use Response Plan (PNG 2016).

At a distance of approximately 1,000 feet west of the former Springvilla Dry Cleaner, the off-site plume is characterized horizontally and vertically by a row of north-south trending wells that span approximately 3,200 lineal feet along the alignment of Market Street (MW-44, 33, 28, 30, 27, 31, 32, and 26 oriented north to south as illustrated on Figure 11). PCE concentrations greater than 5 ug/L (i.e., EPA MCL) and TCE concentrations greater than 0.49 ug/L (i.e., residential drinking water RBC) are characterized at multiple intervals in many of these wells indicating a plume front or width of at least 2,400 feet.

The greatest concentrations of target compounds are limited to the intermediate aquifer zone, likely resulting from the stratigraphic change from gravels to the more-silty matrix at depths between 40 to 60 feet bgs. The maximum PCE concentration observed in this zone is up to 200 ug/L from sampling events dating to 2014. The most recent April 2022 monitoring event detected PCE at a concentration up to 145 ug/L (MW-28 cmt c3) and TCE at concentrations up to 54 ug/L (MW-25 cmt c2).

Target VOCs were not detected below a depth of 100 feet in the off-site plume, consistent with prior monitoring events. This deeper zone represents the upper-most zone used for potable water withdrawal by the Q Street Well. At a distance of approximately 2,000 feet west of the former Springvilla Dry Cleaner, a second set of north-south trending monitoring wells span an approximately 2,300-foot alignment along 12th Street (MW-45, 46, 47, 48, and 41 on Figure 11). These wells substantially characterize the downgradient boundary of the western limit of the PCE and TCE plume. Twelve of these sentinel wells have historically been not detect and the remainder have historically been below residential RBCs.

One possible data gap is identified at MW-34 where PCE and TCE concentrations exceed drinking water RBCs at a depth of 61 feet bgs (Tables 6 and 7; Figures 11, 13, 14, 16 and 17). However, two downgradient well locations (MW-48 and MW-38) continue to bound the plume extent with concentration data at three vertical samples at each location.

On April 15, 2022 a sample collected from the Q Street well did not detect target VOCs at a detection limit of 0.5 ug/L. Since January 2014, this well has been sampled 17 times with no target compound detections. Four wells (MW-37, 46, 47, and 49) with 17 discrete

sample intervals are located between the Q Street well and the primary plume. At these locations, target VOCs are either not detected or below 1 ug/L. This group of wells represents a robust monitoring network between the Q Street well and the former Springvilla Dry Cleaner. MW-49d could not be sampled due to extended maintenance pumping events resulting in high levels of drawdown rendering sampling at this location infeasible.

Wells MW-42 and MW-43 are located north and cross gradient of the site and Springvilla plume. Over the last three semi-annual monitoring events both MW-42i and MW-43i have shown relatively low detections of PCE. During the April 2022 event PCE was not detected at MW-42i while a low concentration of 4.3 ug/L was detected in MW-43i. Concentrations in the latter well tend to be slightly higher during wet season events. Where detected, the concentrations are below current applicable drinking water standards. While the detections at these locations could represent an off-site or contributing source, their magnitude is minor in comparison to the Springvilla plume.

MW-39 is located south and upgradient of the site. Consistent with prior monitoring events, this well did not contain target VOCs at a detection limit of 0.5 ug/L.

MW-41 is located southwest of both the former Springvilla and McKenzie-Willamette well field. With ongoing extraction (up until 2016) the McKenzie-Willamette well field was expected to be a hydraulic influence for the southwest extension of the Springvilla plume. As such, target VOC detections at MW-41 may represent another source. PCE was detected at a concentration of 1.9 ug/L in the intermediate zone between a depth of 40 and 60 feet, which is below the current applicable standard.

4.2.4 Natural Attenuation

Natural attenuation parameters are collected during regularly scheduled monitoring to establish geochemical conditions within the Springvilla contaminant plume. These parameters will be used to assess historic IRAM influences, support future contaminant fate and transport modeling, and support evaluation of a natural attenuation remedial alternative in the feasibility study (FS). A summary of these parameters is presented in Table 8.

Natural attenuation parameter wells include MW-24 cmt c4 and c7, MW-25 cmt c2, MW-27 cmt c3 and c7, MW-34 cmt c4, MW-35i, MW-44i,d, MW-47i,d, and MW-49i. This well distribution provides geochemical conditions on plume axis starting at upgradient well MW-24 and proceeding downgradient to the furthest well MW-49. Samples from MW-44, MW-47, and MW-49 likely represent background conditions as they are characterized as outside of the plume with no detections of target chemicals. The deep aquifer zone samples are also likely representative of background as the plume has not migrated vertically to this depth. Two additional well locations (MW-34 and MW-44) are transverse to the axis of the plume to the north and south, but still contain low concentrations of target chemicals (Figure 11).

With some seasonal variations, concentrations of PCE have generally decreased in the source area (MW-25) since the completion of remedial measures, indicating that degradation is continuing but likely slowing as expected due to decreasing contaminant concentrations.

Since completion of IRAMs in the source area (MW-25 cmt c4) dissolved oxygen, pH, ORP, and iron concentrations appear to have returned to values similar to that of up-gradient MW-24 cmt c4 suggesting a trend toward a pre-contamination environment. Dissolved oxygen, ORP, pH, and iron concentrations in downgradient

areas have tended to vary with no definitive trend, but are expected to normalize over time following completion of source area IRAMs.

5 CONCLUSIONS

Semi-annual groundwater monitoring was completed in April 2022 with the objective of characterizing the extent and distribution of VOC contamination from the former Springvilla Dry Cleaner. The intent of the monitoring is to gather data sufficient to support a fully developed CSM. This event supports a primary data gap with wet season data for recently installed wells that can be compared to the April 2021 wet season event. A total of 76 wells (138 zones) were measured for water level while 53 wells (85 zones) were sampled for water quality. Select wells were also sampled for geochemistry to support the natural attenuation evaluation. The Q Street Water-Supply well was also sampled for quality. The 1350 N Street domestic well could not be sampled during this event. Conclusions from the April 2022 groundwater monitoring, along with prior groundwater monitoring, are summarized as follows:

- Groundwater flow from the site is westerly with radial flow components from the southwest to northwest contingent on aquifer zone. Both shallow and intermediate groundwater flow indicate west to northwesterly flow consistent with the prior wet season data. The wet season April 2022 flow directions are also nearly identical to the directions plotted and interpreted for the wet season April 2021 event (PNG 2021b). In earlier monitoring events a southwesterly flow direction in shallow and intermediate groundwater was characterized as being related to pumping at the McKenzie-Willamette well field. This flow appears to have changed to a west-northwest direction. Deep groundwater flow is to the northwest.
- Vertical gradients at nested wells across the site are consistently downward. The pumping assessment determined a small downward vertical gradient between the shallow and intermediate zones, and the gradient was larger in the vicinity of the Q Street well. Vertical gradients between the intermediate and deep zones are downward and change dramatically in proximity to the Q Street municipal supply well with a very strong downward component consistent with groundwater pumping. Neither groundwater monitoring nor hydraulic modeling suggests a meaningful connection between the intermediate and deep zones. The drawdown cone of depression from the Q Street well is evident in the deep groundwater contours. Nearby wells located upgradient of Q Street (i.e., MW-49d and MW-47d) exhibit more response than cross-gradient wells (i.e., MW-45d and MW-46d). The response results in an asymmetrical cone of depression during both pumping and recovery periods; hydraulic effects from this well on the plume(s) are the subject of ongoing pumping assessment.
- The pumping assessment determined deep-zone groundwater levels surrounding the Q Street well did not show full recovery during non-pumping periods. While historical data are not available to show whether these residual drawdowns occurred in previous years, a long-term downward trend in deep-zone groundwater levels may be expected.
- Comparison of semi-annual monitoring events completed in wet season April 2021 and wet season April 2022 indicate on-site groundwater quality is generally consistent between events.
- Low concentration detections of target VOCs were not identified in up-gradient wells during this event. When detected in prior events they have been below applicable drinking water standards and were minor in comparison to the magnitude of the Springvilla plume.

- The on-site well network has provided data that characterize significant reductions in plume concentrations from multiple IRAMs in close proximity to the former Springvilla Dry Cleaner and Waremart structure. The highest initial concentration of PCE (7,800 ug/L) was detected in shallow groundwater (DEQ-4s at 10-25 feet bgs) in close proximity to the former Springvilla Dry Cleaner. Recent source area investigations identified an area of elevated residual shallow groundwater was present at PNG-16, centered on the former IRAM soil excavation and Springvilla with elevated concentrations (i.e., PCE up to 502 ug/L) located in near down-gradient areas. The shallow dissolved VOC plume has been extensively remediated and remains either not detected, or at relatively low concentrations compared to pre-remedial concentrations in the source area.
- The highest initial concentrations of PCE in intermediate aquifer zone groundwater (2,000 ug/L at 50 to 70 feet bgs) were in close down-gradient proximity to the former Springvilla Dry Cleaner at MW-21i. PCE concentrations in on-site intermediate groundwater exhibit a similar reduction following IRAM activities, but have not reached non-detect levels. Recent focused on-site groundwater investigation at PNG-17 detected PCE at a concentration of 1,860 ug/L at an intermediate-zone depth interval of 40-42.5 feet bgs.
- PCE at a concentration of 1,860 ug/L is the highest detected in the intermediate-zone on the Springvilla site since July 2001 (i.e., MW-21i at 2,000 ug/L). Similar to shallow-zone groundwater contaminant findings, the relatively lower concentrations detected in the broader on-site intermediate zone area likely reflects the effectiveness of prior IRAMs.
- The on-site data indicate a pattern of contaminant migration into the intermediate zone (within a short distance of migration) from the Springvilla source area. The data indicate shallow-zone contamination in close proximity to the Springvilla source migrates quickly into the upper-intermediate zone at a 40-50 foot depth interval, and then further down-gradient and off-site. This pattern of the highest contaminant concentrations in the intermediate-zone depth interval is consistent with off-site findings where the primary contaminant plume is located within a broader intermediate-zone depth range between 40 to 60 feet bgs throughout the locality of facility.
- Target VOCs were not detected in shallow off-site groundwater exceeding conservative residential RBCs for vapor intrusion. Current data indicate contamination has migrated from the on-site shallow aquifer zone to the down-gradient intermediate aquifer zone. All off-site shallow zone groundwater concentrations are below both DEQ residential and occupational vapor intrusion RBCs. The clean overlying shallow groundwater provides protection from vapor intrusion to commercial or residential properties down gradient of the site.
- Off-site plume concentrations are greatest in the mid-depth portions of the aquifer, while deeper groundwater was non-detect at all locations sampled. Progressively siltier soil starting in the intermediate zone is likely preventing vertical migration of contamination to deeper zones. This deeper zone represents the upper-most zone used for potable water withdrawal by the Q Street Well.
- Contaminant concentrations are slightly increasing in nearly every Market Street alignment intermediate-zone well.

- The down-gradient plume migrating off-site is uncharacteristically wide with a plume front of at least 4,200 feet oriented north to south. With regional groundwater flow to the west northwest, other hydraulic forces have been considered to be responsible for the unusual geometry.
- Well construction, production rates, and well logs for the Maia and Chase well fields do not explain anomalous contaminant plume geometry to the north of the Springvilla.
- Historical pumping of the McKenzie-Willamette wells may have been the primary influence on plume migration to the southwest and creating the observed anomalously wide plume front. Currently there are no identified production wells to the south of the Springvilla and in proximity to the McKenzie-Willamette. There is little to support the currently observed plume configuration to the southwest and cross-gradient of groundwater flow from the Springvilla.
- Concentrations of PCE and degradation products have decreased steadily in the source area indicating there is an on-going trend toward a pre-contamination environment. Degradation products in downgradient areas have tended to vary greatly with no definitive trend but are expected to normalize over time following completion of source area IRAMs.
- Analysis of water samples from the Q Street municipal supply well did not detect target VOCs during the April 2022 sampling event, consistent with all historic data. In addition, deep-zone monitoring wells MW-46, MW-47, and MW-48, located along the 12th Street alignment and between Q Street and the Springvilla groundwater plume, were not-detect for target compounds. These wells represent a robust monitoring network for protection of the Q Street supply well.
- Residential ingestion of groundwater continues to be a primary focus of concern within the LOF downgradient of the former Springvilla site. This concern is limited to the area between the site and row of monitoring wells located along 12th Street. Irrigation use of groundwater is also a concern and will be evaluated as part of the future risk assessment.

6 LIMITATIONS

PNG has prepared this report for use by McKay Investment Company, LLC. This report may be made available to future property owners and to regulatory agencies. This report is not intended for use by others and the information contained herein is not applicable to other sites.

Our interpretation of subsurface conditions is based on field observations and chemical analytical data. Areas with contamination may exist in portions of the site that were not explored or analyzed.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted practices and laws, rules, and regulations at the time that the report was prepared. No other conditions, express or implied, should be understood.

PNG ENVIRONMENTAL, INC.

Guy Tanz, R.G.
Senior Geologist

Brad Berggren, P.E., R.G.
Vice-President

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TABLES

Table 1
Groundwater Monitoring Schedule
Former Springvilla Dry Cleaner
Springfield, Oregon

Well Number	Alternate ID		VOC Analyses														Date of Installation	Well Dia. (inches)	TOC Elevation[a] (feet msl)	Well Depth (feet btc)	Screen Length (feet)	Screen Interval (feet btc)	Screen Elevation	
		04/2022	10/2021	04/2021	10/2020	04/2020	10/2019	04/2019	10/2018	03/2018	10/2017	03/2017	07/2016	10/2014	04/2014	07/2012							Top (feet msl)	Bottom (feet msl)
Phase I Focused RI Monitoring Wells																								
MW-1s	IN-4s	X	X	X	X	X	X	X	X	X	X	X	X		X	X	09/13/1999	2	465.89	23.63	15.0	8.6 - 23.6	457.26	442.26
MW-2s		X	X	X	X	X											09/13/1999	2	466.74	24.74	15.0	9.7 - 24.7	457.00	442.00
MW-3s	EX-2s	X	X	X	X	X	X	X	X	X	X	X	X		X	X	09/17/1999	2	466.53	23.48	15.0	8.5 - 23.5	458.05	443.05
MW-4s																	11/11/1999	2	463.33	24.51	15.0	9.5 - 24.5	453.82	438.82
MW-5s																	11/11/1999	2	463.82	24.28	15.0	9.3 - 24.3	454.54	439.54
MW-6s																	07/10/2001	2	467.42	24.61	10.0	14.6 - 24.6	452.81	442.81
MW-7i																	08/02/2001	2	467.68	69.49	20.0	49.5 - 69.5	418.19	398.19
MW-8s																	07/13/2001	2	467.18	26.80	10.0	16.8 - 26.8	450.38	440.38
MW-9i																	07/19/2001	2	467.54	100.40	20.0	80.4 - 100.4	387.14	367.14
MW-10s																	07/11/2001	2	464.78	24.87	10.0	14.9 - 24.9	449.91	439.91
MW-11i																	08/07/2001	2	464.34	70.37	20.0	50.4 - 70.4	413.97	393.97
MW-12s																	07/11/2001	2	466.13	24.38	10.0	14.4 - 24.4	451.75	441.75
MW-14i																	08/13/2001	2	463.32	59.10	20.0	39.1 - 59.1	424.22	404.22
MW-16s	EX-3s	X	X	X	X	X	X	X	X	X	X	X	X		X	X	07/12/2001	2	464.24	28.79	10.0	18.8 - 28.8	445.45	435.45
MW-17i	EX-6i	X	X	X	X	X	X	X	X	X	X	X	X		X	X	08/14/2001	2	464.47	69.08	20.0	49.1 - 69.1	415.39	395.39
MW-18s																	07/13/2001	2	466.48	24.57	10.0	14.6 - 24.6	451.91	441.91
MW-21i	EX-4i	X	X	X	X	X	X	X	X	X	X	X	X		X	X	07/27/2001	2	466.54	70.15	20.0	50.2 - 70.2	416.39	396.39
MW-22s	EX-1s	X	X	X	X	X	X	X	X	X	X	X	X		X	X	07/12/2001	2	466.53	24.76	10.0	14.8 - 24.8	451.77	441.77
MW-23s																	12/07/2010	2	466.72	24.57	15.0	9.6 - 24.6	457.15	442.15
DEQ-1d		X	X	X	X	X	X	X	X	X	X	X	X		X	X	07/31/2002	2	465.80	89.49	10.0	79.5 - 89.5	386.31	376.31
DEQ-2i												X	X		X	X	08/05/2002	2	464.66	69.78	20.0	49.8 - 69.8	414.88	394.88
DEQ-3d												X	X		X	X	08/08/2002	2	458.76	118.62	40.0	78.6 - 118.6	380.14	340.14
EX-5i	EX-5i											X	X		X	X	08/22/2007	2	466.48	68.79	25.0	43.8 - 68.8	422.69	397.69
IN-1s	IN-1s																08/21/2007	2	466.64	23.66	15.0	8.7 - 23.7	457.98	442.98
IN-3s	IN-3s																08/21/2007	2	466.66	23.04	15.0	8.0 - 23.0	458.62	443.62
IN-5s	IN-5s																08/23/2007	2	465.86	23.15	15.0	8.2 - 23.2	457.71	442.71
IN-6i	IN-6i																08/21/2007	2	466.81	69.32	25.0	44.3 - 69.3	422.49	397.49
IN-7i	IN-7i																08/22/2007	2	466.03	68.99	25.0	44.0 - 69.0	422.04	397.04
IN-8i	IN-8i																08/23/2007	2	465.22	69.04	25.0	44.0 - 69.0	421.18	396.18
MW-24 cmt	(MW-24 c1)											X	X		X	X	08/17/2011	Multi-Port	466.17	17.67	0.5	17.2 - 17.7	449.00	448.50
	(MW-24 c2)											X	X		X	X			466.17	31.68	0.5	31.2 - 31.7	434.99	434.49
	(MW-24 c3)											X	X	X	X	X			466.17	46.61	0.5	46.1 - 46.6	420.06	419.56
	(MW-24 c4)	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X	X	X	X			466.17	61.61	0.5	61.1 - 61.6	405.06	404.56
	(MW-24 c5)											X	X	X	X	X			466.17	70.60	0.5	70.1 - 70.6	396.07	395.57
	(MW-24 c6)											X	X		X	X			466.17	91.58	0.5	91.1 - 91.6	375.09	374.59
	(MW-24 c7)	1	1	1	1	1	1	1	1	1	1	X	X		X	X			466.17	111.50	0.5	111.0 - 111.5	355.17	354.67
MW-25 cmt	(MW-25 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	08/23/2011	Multi-Port	463.64	14.70	0.5	14.2 - 14.7	449.44	448.94
	(MW-25 c2)	X1	X1	X1	X1	X1	X1	X	X	X	X	X	X	X	X	X			463.64	29.70	0.5	29.2 - 29.7	434.44	433.94
	(MW-25 c3)	X	X	X	X	X		X	X	X	X	X	X	X	X	X			463.64	42.78	0.5	42.3 - 42.8	421.36	420.86
	(MW-25 c4)	X1	X	X	X	X		X1	X1	X1	X1	X	X	X	X	X			463.64	59.79	0.5	59.3 - 59.8	404.35	403.85
	(MW-25 c5)	X	X	X	X	X	X					X	X	X	X	X			463.64	72.24	0.5	71.7 - 72.2	391.90	391.40
	(MW-25 c6)	X	X	X	X	X						X	X	X	X	X			463.64	82.74	0.5	82.2 - 82.7	381.40	380.90
	(MW-25 c7)	X	X	X	X	X						X	X	X	X	X			463.64	107.50	0.5	107.0 - 107.5	356.64	356.14
MW-26 cmt	(MW-26 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	09/06/2011	Multi-Port	462.06	14.98	0.5	14.5 - 15.0	447.58	447.08
	(MW-26 c2)								X			X	X	X	X	X			462.06	30.05	0.5	29.6 - 30.1	432.51	432.01
	(MW-26 c3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			462.06	45.00	0.5	44.5 - 45.0	417.56	417.06
	(MW-26 c4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			462.06	60.02	0.5	59.5 - 60.0	402.54	402.04
	(MW-26 c5)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			462.06	69.67	0.5	69.2 - 69.7	392.89	392.39
	(MW-26 c6)								X			X	X	X	X	X			462.06	98.60	0.5	98.1 - 98.6	363.96	363.46
	(MW-26 c7)								X			X	X	X	X	X			462.06	115.00	0.5	114.5 - 115.0	347.56	347.06
MW-27 cmt	(MW-27 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	09/01/2011	Multi-Port	460.26	14.33	0.5	13.8 - 14.3	446.43	445.93
	(MW-27 c2)											X	X	X	X	X			460.26	29.38	0.5	28.9 - 29.4	431.38	430.88
	(MW-27 c3)	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X	X	X	X			460.26	44.16	0.5	43.7 - 44.2	416.60	416.10
	(MW-27 c4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			460.26	59.24	0.5	58.7 - 59.2	401.52	401.02
	(MW-27 c5)											X	X	X	X	X			460.26	74.35	0.5	73.9 - 74.4	386.41	385.91
	(MW-27 c6)											X	X	X	X	X			460.26	100.00	0.5	99.5 - 100.0	360.76	360.26
	(MW-27 c7)	1	1	1	1	1	1	1	1	1	1	X	X		X	X			460.26	116.50	0.5	116.0 - 116.5	344.26	343.76
MW-28 cmt	(MW-28 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	08/29/2011	Multi-Port	460.08	14.78	0.5	14.3 - 14.8	445.80	445.30
	(MW-28 c2)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			460.08	30.03	0.5	29.5 - 30.0	430.55	430.05
	(MW-28 c3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			460.08	49.32	0.5	48.8 - 49.3	411.26	410.76
	(MW-28 c4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			460.08	59.74	0.5	59.2 - 59.7	400.84	400.34
	(MW-28 c5)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			460.08	70.73	0.5	70.2 - 70.7	389.85	389.35
	(MW-28 c6)											X	X	X	X	X			460.08	98.47	0.5	98.0 - 98.5	362.11	361.61
	(MW-28 c7)											X	X		X	X			460.08	135.00	0.5	134.0 - 134.5	326.08	325.58
MW-29s	-	X	X	X	X	X	X	X	X	X	X	X	X		X	X	08/24/2011	2	466.36	20.49	10.0	10.5 - 20.5	455.86	445.86
1460 G	-																		-					
1441 M	-																		-	31.00				
1350 N	-	X2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	05/04/1984	6	461.55	40.00	5.0	30.0 - 35.0		
1875 16th St	-												X											
Q Street Municipal-Supply		X	X	X	X	X	X	X	X	X	X	X		X	X		11/29/1979	14	456.00	280.0	105.0	110.0 - Varies	346.00	Varies

Table 1
Groundwater Monitoring Schedule
Former Springvilla Dry Cleaner
Springfield, Oregon

Well Number	Alternate ID		VOC Analyses														Date of Installation	Well Dia. (inches)	TOC Elevation[a] (feet msl)	Well Depth (feet btc)	Screen Length (feet)	Screen Interval (feet btc)	Screen Elevation	
		04/2022	10/2021	04/2021	10/2020	04/2020	10/2019	04/2019	10/2018	03/2018	10/2017	03/2017	07/2016	10/2014	04/2014	07/2012							Top (feet msl)	Bottom (feet msl)
Phase 2 Focused RI Monitoring Wells																								
MW-30 cmt	(MW-30	X	X	X	X	X	X	X	X	X	X	X	X	X	X		11/08/2013	Multi-Port	460.47	30.10	0.5	29.6 - 30.1	430.87	430.37
	(MW-30	X	X	X	X	X	X	X	X	X	X	X	X	X	X				460.47	45.10	0.5	44.6 - 45.1	415.87	415.37
	(MW-30	X	X	X	X	X	X	X	X	X	X	X	X	X	X				460.47	59.15	0.5	58.7 - 59.2	401.82	401.32
	(MW-30 c7)											X	X	X	X				460.47	68.86	0.5	68.4 - 68.9	392.11	391.61
MW-31 cmt	(MW-31											X	X	X	X		11/12/2013	Multi-Port	460.37	32.67	0.5	32.2 - 32.7	428.20	427.70
	(MW-31	X	X	X	X	X	X	X	X	X	X	X	X	X	X				460.37	46.16	0.5	45.7 - 46.2	414.71	414.21
	(MW-31	X	X	X	X	X	X	X	X	X	X	X	X	X	X				460.37	57.67	0.5	57.2 - 57.7	403.20	402.70
	(MW-31 c7)											X	X	X	X				460.37	69.70	0.5	69.2 - 69.7	391.17	390.67
MW-32 cmt	(MW-32											X	X	X	X		11/14/2013	Multi-Port	460.88	29.18	0.5	28.7 - 29.2	432.20	431.70
	(MW-32	X	X	X	X	X	X	X	X	X	X	X	X	X	X				460.88	44.71	0.5	44.2 - 44.7	416.67	416.17
	(MW-32	X	X	X	X	X	X	X	X	X	X	X	X	X	X				460.88	59.69	0.5	59.2 - 59.7	401.69	401.19
	(MW-32 c7)											X	X	X	X				460.88	67.96	0.5	67.5 - 68.0	393.42	392.92
MW-33 cmt	(MW-33 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X		11/12/2013	Multi-Port	458.18	15.10	0.5	14.6 - 15.1	443.58	443.08
	(MW-33 c2)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				458.18	30.13	0.5	29.6 - 30.1	428.55	428.05
	(MW-33 c3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				458.18	44.16	0.5	43.7 - 44.2	414.52	414.02
	(MW-33 c4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				458.18	60.20	0.5	59.7 - 60.2	398.48	397.98
	(MW-33 c5)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				458.18	72.20	0.5	71.7 - 72.2	386.48	385.98
	(MW-33 c6)											X	X	X	X				458.18	98.35	0.5	97.9 - 98.4	360.33	359.83
	(MW-33 c7)											X	X	X	X				458.18	115.41	0.5	114.9 - 115.4	343.27	342.77
MW-34 cmt	(MW-34 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X		11/21/2013	Multi-Port	462.41	16.09	0.5	15.6 - 16.1	446.82	446.32
	(MW-34 c2)											X	X	X	X				462.41	31.12	0.5	30.6 - 31.1	431.79	431.29
	(MW-34 c3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				462.41	45.13	0.5	44.6 - 45.1	417.78	417.28
	(MW-34 c4)	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X	X	X				462.41	61.16	0.5	60.7 - 61.2	401.75	401.25
	(MW-34 c5)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				462.41	73.07	0.5	72.6 - 73.1	389.84	389.34
	(MW-34 c6)											X	X	X	X				462.41	98.65	0.5	98.2 - 98.7	364.26	363.76
	(MW-34 c7)											X	X	X	X				462.41	118.63	0.5	118.1 - 118.6	344.28	343.78
MW-35i	-	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X	X	X,X,X		11/26/2013	2	458.78	55.12	14.6	40.5 - 55.1	418.26	403.66
MW-36s	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X		12/05/2013	2	462.90	45.33	14.6	30.7 - 45.3	432.17	417.57
MW-36i	-	X	X	X	X	X	X	X	X	X	X	X	X	X	X		12/04/2013	2	462.99	65.55	14.6	51.0 - 65.6	412.04	397.44
MW-37 cmt	(MW-37 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X		12/14/2013	Multi-Port	454.22	15.16	0.5	14.7 - 15.2	439.56	439.06
	(MW-37 c2)											X	X	X	X				454.22	32.25	0.5	31.8 - 32.3	422.47	421.97
	(MW-37 c3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				454.22	45.30	0.5	44.8 - 45.3	409.42	408.92
	(MW-37 c4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				454.22	58.32	0.5	57.8 - 58.3	396.40	395.90
	(MW-37 c5)											X	X	X	X				454.22	70.36	0.5	69.9 - 70.4	384.36	383.86
	(MW-37 c6)											X	X	X	X				454.22	95.39	0.5	94.9 - 95.4	359.33	358.83
	(MW-37 c7)											X	X	X	X				454.22	113.08	0.5	112.6 - 113.1	341.64	341.14
MW-38 cmt	(MW-38 c1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X		01/08/2014	Multi-Port	457.07	14.49	0.5	14.0 - 14.5	443.08	442.58
	(MW-38 c2)											X	X	X	X				457.07	29.55	0.5	29.1 - 29.6	428.02	427.52
	(MW-38 c3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				457.07	44.62	0.5	44.1 - 44.6	412.95	412.45
	(MW-38 c4)	X	X	X	X	X	X	X	X	X	X	X	X	X	X				457.07	57.66	0.5	57.2 - 57.7	399.91	399.41
	(MW-38 c5)											X	X	X	X				457.07	69.69	0.5	69.2 - 69.7	387.88	387.38
	(MW-38 c6)											X	X	X	X				457.07	84.84	0.5	84.3 - 84.8	372.73	372.23
	(MW-38 c7)											X	X	X	X				457.07	100.19	0.5	99.7 - 100.2	357.38	356.88
MW-40i	-																01/10/2014	2	454.37	49.98	19.6	30.4 50.0	423.99	404.39
Phase 3 Focused RI Monitoring Wells																								
MW-39s	-	X	X	X	X	X	X	X	X	X	X	X	X				05/11/2016	2	463.75	16.05	9.5	6.0 - 15.5	457.71	448.21
MW-39i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				05/10/2016	2	463.49	59.86	19.5	39.8 - 59.3	423.68	404.18
MW-39d	-	X	X	X	X	X	X	X	X	X	X	X	X				05/10/2016	2	463.44	106.79	9.5	96.8 - 106.3	366.66	357.16
MW-41s	-	X	X	X	X	X	X	X	X	X	X	X	X				05/17/2016	2	461.99	15.26	9.5	5.3 - 14.8	456.74	447.24
MW-41i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				05/16/2016	2	462.16	60.07	19.5	40.0 - 59.5	422.16	402.66
MW-41d	-	X	X	X	X	X	X	X	X	X	X	X	X				05/13/2016	2	462.18	95.55	9.5	85.5 - 95.0	376.64	367.14
MW-42s	-	X	X	X	X	X	X	X	X	X	X	X	X				05/03/2016	2	462.16	15.08	9.5	5.1 - 14.6	457.09	447.59
MW-42i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				05/03/2016	2	462.21	60.16	19.5	40.1 - 59.6	422.07	402.57
MW-42d	-											X	X				05/02/2016	2	462.10	114.42	9.5	104.4 - 113.9	357.72	348.22
MW-43s	-	X	X	X	X	X	X	X	X	X	X	X	X				05/06/2016	2	461.00	15.66	9.5	5.7 - 15.2	455.35	445.85
MW-43i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				05/05/2016	2	461.04	58.00	19.5	38.0 - 57.5	423.09	403.55
MW-43d	-	X	X	X	X	X	X	X	X	X	X	X	X				05/05/2016	2	461.04	115.53	9.5	105.5 - 115.0	355.52	346.02
MW-44s	-	X	X	X	X	X	X	X	X	X	X	X	X				05/25/2016	2	456.90	15.23	9.5	5.2 - 14.7	451.68	442.18
MW-44i	-	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X,X,X				05/25/2016	2	457.01	59.56	19.5	39.6 - 59.1	417.46	397.96
MW-44d	-	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X				05/24/2016	2	456.91	115.69	9.5	105.7 - 115.2	351.22	341.72
MW-45s	-	X	X	X	X	X	X	X	X	X	X	X	X				04/29/2016	2	455.67	14.91	9.5	4.9 - 14.4	450.80	441.30
MW-45i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				04/28/2016	2	455.61	59.80	19.5	39.7 - 59.3	415.89	396.35
MW-45d	-											X	X				04/28/2016	2	455.60	115.74	9.5	105.7 - 115.2	349.90	340.40
MW-46s	-	X	X	X	X	X	X	X	X	X	X	X	X				05/20/2016	2	455.04	14.62	9.5	4.6 - 14.1	450.44	440.94
MW-46i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				05/19/2016	2	454.98	60.33	19.5	40.3 - 59.8	414.66	395.16
MW-46d	-	X	X	X	X	X	X	X	X	X	X	X	X				05/19/2016	2	454.73	115.70	9.5	105.7 - 115.2	349.04	339.54
MW-47s	-	X	X	X	X	X	X	X	X	X	X	X	X				04/15/2016	2	456.21	16.13	9.7	5.9 - 15.6	450.27	440.61
MW-47i	-	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X,X,X				04/14/2016	2	456.31	59.96	19.5	39.9 - 59.4	416.43	396.89
MW-47d	-	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X				04/13/2016	2	456.25	116.16	9.5	106.1 - 115.6	350.13	340.63
MW-48s	-	X	X	X	X	X	X	X	X	X	X	X	X				04/26/2016	2	459.39	15.21	9.5	5.2 - 14.7	454.22	444.72
MW-48i	-	X	X	X	X	X	X	X	X	X	X	X	X,X,X				04/26/2016	2	459.37	60.25	19.5	40.2 - 59.7	419.20	399.66
MW-48d	-	X	X	X	X	X	X	X	X	X	X	X	X				04/25/2016	2	459.33	115.33	9.5	105.3 - 114.8	354.04	344.54
MW-49s	-	X	X	X	X	X	X	X	X	X	X	X	X				04/11/2016	2	452.55	15.30	9.5	5.3 - 14.8	447.23	437.73
MW-49i	-	X1	X1	X1	X1	X1	X1	X1	X1	X1	X1	X	X,X,X				04/11/2016	2	452.59	58.96	19.5	39.0 - 58.5	413.61	394.11
MW-49d	-	X2	X2	X2	X2	X2	X2	X2	X2	X	X	X	X				04/08/2016	2	452.30	115.22	9.5	105.2 - 114.7	347.12	337.62
MW-50s	-	X	X	X	X	X	X	X	X	X	X	X	X				04/05/2016	2	463.56	13.68	9.5	3.6 - 13.1	459.92	450.42
QA/QC	Duplicate	1 every 20 samples (approximately 5)																						
QA/QC	Trip Blank	1 every cooler (approximately 10)																						
QA/QC	EB	1 every 20 samples (approximately 1)																						

Notes:
[a] Vertical datum: NAVD(88)
bgs = Below ground surface
TOC = Top of casing
btc = Below top of casing
EB = Equipment blank
EPA = U.S. Environmental Protection Agency
Varies= Screen from 110'-155', 170'-195', 245'-280'
1 = well sampled for natural attenuation parameters
2 = well could not be sampled
All single zone wells sampled using passive diffusion bags
ID = Identification
msl = Mean sea level
OWRD = Oregon Water Resources Department
QA/QC = quality assurance / quality control
Volatile organic compounds (VOCs) analyzed by EPA Method 8260B/C
X,X,X = well screen sampled in multiple zones

Table 2
Groundwater Elevation Data - Shallow Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)																												
Screen (btc)	MW-1s	MW-2s	MW-3s	MW-4s	MW-5s	MW-6s	MW-8s	MW-10s	MW-12s	MW-16s (EX-3s)	MW-18s	MW-22s (EX-1s)	MW-23s	MW-29s	MW-36s	DEQ-4s	DEQ-5s	IN-5s	MW-39s	MW-41s	MW-42s	MW-43s	MW-44s	MW-45s	MW-46s	MW-47s	MW-48s	MW-49s	MW-50s
Top	8.63	9.74	8.48	9.51	9.38	14.61	16.80	14.87	14.38	18.79	14.57	14.76	14.57	10.49	30.73	10.00	9.00	8.15	6.04	5.25	5.07	5.65	5.22	4.87	4.60	5.94	5.17	5.32	3.64
Bottom	23.63	24.74	23.48	24.51	24.28	24.61	26.80	24.87	24.38	28.79	24.57	24.76	24.57	20.49	45.33	20.00	14.00	23.15	15.54	14.75	14.57	15.15	14.72	14.37	14.10	15.60	14.67	14.82	13.14
Survey Date																													
Unknown	462.73	462.95	463.03	459.54	460.06	463.64	463.39	461.01	462.36	461.36	462.71	462.88	462.94			463.81	463.73	N/A											
TOC (msl)[a]	465.89	466.90	466.53	463.33	463.82	467.69	467.18	464.78	466.13	464.24	466.48	466.53	466.72	466.36	462.90	467.72	467.51	465.86	463.75	461.99	462.16	461.00	456.90	455.67	455.04	456.21	459.39	452.55	463.56
TOC (msl)[b]		466.90				467.69	467.42																						
08/21/2002	10.67	11.30	12.22	10.46	9.54	12.01	11.44	10.57	9.91	10.61	10.30	14.73																	
06/24/2003	9.88	10.58	11.50	9.68	9.01	11.19	10.75	9.92	9.28	10.03	9.63	11.36																	
01/05/2004	4.82	5.50	6.47	4.48	4.26	6.33	5.61	4.89	4.17	4.18	4.32	7.30																	
04/12/2004	7.45	8.03	8.67	7.00	6.36	8.88	8.28	7.60	6.87	7.09	7.01	8.83																	
10/12/2004	8.05	8.65	9.27	8.00	7.36	8.80	8.88	8.52	7.25	7.56	7.38	9.51																	
01/14/2005	6.73	7.35	8.02	6.19	5.58	7.49	7.55	6.88	6.00	6.30	6.15	8.30				7.87	7.80												
02/25/2005				6.14	5.73			6.76								7.12	7.49												
04/20/2005	5.60	6.21	7.38	5.78	5.31	6.95	6.40	5.83	4.96	5.86	5.28	7.49				10.4	9.60												
07/18/2005	8.71							9.29		9.06		10.42				10.57	10.38												
10/13/2005	9.03	9.75	10.53	9.38	8.49	10.64	9.92	9.63	8.38	9.20	8.35	10.77																	
10/20/2005	8.98	9.72	10.22	8.83			9.90	9.46	8.39		8.29	10.64																	
10/21/2005	8.93	9.67	10.34	9.34			9.83	9.63	8.28		8.27	10.53				9.13	7.62												
11/21/2005	-	-	9.08	7.35								9.27				6.02	9.33												
01/16/2006	4.54	5.11	6.28	4.13	4.09	5.93	5.33	4.60	3.90	5.91	4.04	6.33				9.62	6.14												
07/11/2006	8.11	8.83	9.48	8.08	6.67	9.82	8.97	8.67	7.45	7.77	7.42	9.62				6.93	10.73												
01/23/2007	5.89	6.27	7.75	5.44	5.67	8.05	6.69	5.65	6.17	5.99	5.75	8.35				10.77													
08/29/2007	12.59	10.06	10.70	9.13	8.23	10.92	10.31	9.47	8.71	8.66	8.63	10.44																	
07/08/2008		8.39	8.96			9.10		7.91	7.13	6.69	7.12	8.90																	
04/07/2009			6.83							4.67		8.05																	
07/01/2009		8.08		6.76	6.18	8.96		7.65	6.75	5.99		9.40				9.97													
10/07/2009										8.11		8.59																	
04/01/2010	3.88		5.94	4.06						3.95		6.12				6.27		4.88											
10/21/2010			8.40	6.96	6.36	8.51				6.96		8.79				8.91													
04/06/2011	3.79		6.42	4.45	4.43	6.73				4.49		6.59	6.57			6.64		5.02											
07/19/2012	6.88	8.15	8.55	6.66	6.39	8.98	8.38	7.36	7.04	6.69	7.43	8.62	8.50	8.46		9.18	8.71	7.63											
04/14/2014	5.44	6.52	7.35	5.66	5.49	7.32	6.92	5.96	5.61	5.49	5.95	7.46	6.46	7.22	9.92	[c]	[c]	6.40											
10/20/2014	6.55	8.02	7.81	6.36	5.55	8.92	8.40	7.40	7.06	5.43	7.09	8.88	7.66	8.29	9.69	[c]	[c]	5.37											
07/06/2016	7.49	8.74	8.97	7.10	6.65	9.53	9.00	7.97	7.63	7.03	7.97	9.08	9.16	8.94	10.66	[c]	[c]	8.18	5.70	6.10	8.58	9.95	8.13	9.11	7.62	7.54	8.75	7.14	7.33
03/28/2017	4.18	5.16	6.09	4.26	4.40	5.89	5.53	4.43	4.15	4.20	4.43	6.12	5.30	5.79	8.09	[c]	[c]	5.04	2.40	2.82	5.29	8.03	3.56	5.97	4.98	4.37	3.43	4.83	2.67
10/23/2017	5.79	7.00	7.29	5.58	4.97	8.15	7.75	6.67	6.22	5.09	6.30	7.52	6.70	7.27	9.49	[c]	[c]	6.09	3.65	4.03	8.43	9.64	9.12	9.87	8.24	7.13	8.47	6.95	5.49
12/06/2017	4.98	6.04	6.85	5.09	5.02	7.08	6.66	5.59	5.02	4.97	5.40	6.91	6.03	6.71	9.12	[c]	[c]	5.90	3.32	3.62	6.38	9.02	6.28	7.49	5.94	5.43	4.96	5.88	3.91
02/01/2018	4.55	5.55	6.49	4.64	4.69	6.52	6.13	4.97	4.54	4.66	4.93	6.51	5.58	6.21	8.65	[c]	[c]	5.56	2.87	3.21	5.71	8.65	4.54	6.50	5.38	4.88	3.88	5.37	3.00
04/23/2018	4.82	5.90	6.81	5.11	5.10	6.83	6.54	5.28	4.98	5.02	5.53	6.81	5.72	6.49	9.17	[c]	[c]	5.93	3.46	4.08	5.96	8.86	5.55	6.70	5.75	5.53	4.95	5.99	3.71
10/08/2018	8.93	10.10	10.03	7.82	7.73	10.15	10.59	9.49	9.11	7.02	9.46	10.58	10.41	10.41	11.07	[c]	[c]	8.24	6.66	6.57	9.48	10.03	9.69	9.58	8.90	8.72	10.48	8.01	8.91
01/03/2019	5.39	6.37	7.03	5.36	5.23	7.42	7.00	5.87	5.44	5.19	5.81	7.13		6.96	-	[c]	[c]	6.03											
04/10/2019[d]	3.48	4.48	5.47	3.50	3.70	5.28	5.00	3.54	3.43	3.58	3.74	5.43	4.38	4.99	7.03	[c]	[c]	4.44	2.38	1.61	4.44	7.97	2.65	4.96	5.15	3.80	3.11	4.50	4.14
10/07/2019[e]	6.03	6.85	7.47	5.92	5.56	8.04	7.73	6.61	6.21	5.60	6.66	7.62	6.66	7.56	8.35	[c]	[c]	6.46	4.72	5.04	7.54	9.52	8.09	9.18	7.40	7.18	8.91	7.12	5.39
04/13/2020	5.48	6.38	7.25	5.53	5.45	7.45	7.14	5.87	5.58	5.35	6.08	7.31	6.09	7.02	8.84	[c]	[c]	6.28	3.83	4.28	6.65	9.19	6.19	7.43	6.46	6.46	6.28	6.58	3.93
10/05/2020	7.32	8.17	8.63	6.82	5.93	9.62	9.08	7.99	7.51	6.62	7.98	8.78	8.14	8.77	9.86	[c]	[c]	7.80	6.56	5.62	8.55	10.17	8.89	9.88	8.21	8.18	9.49	7.71	7.51
04/19/2021	6.57	7.51	8.34	6.38	6.30	8.68	8.21	6.99	6.62	6.43	7.20	8.29	7.03	8.02	9.54	[c]	[c]	7.51	4.86	5.07	7.24	9.64	7.28[f]	8.90	7.34	7.34	7.93	7.16	5.00
10/04/2021	6.23	7.15	7.78	6.12	5.78	8.37	7.86	6.84	6.30	5.93	6.91	7.89	6.84	7.73	9.44	[c]	[c]	6.80	5.27	5.26	7.83	9.84	8.81	9.59	8.08	8.09	9.06	7.39	5.38
04/11/2022	4.17	5.29	5.92	4.26	4.09	6.24	5.89	4.67	4.23	3.83	4.72	6.18	5.28	5.79	8.35	[c]	[c]	4.88	2.74	2.87	5.75	8.65	5.63	7.02	6.19	5.51	6.12	6.28	3.96

Table 2
Groundwater Elevation Data - Shallow Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Groundwater Elevation (feet msl) [a]																												
	MW-1s	MW-2s	MW-3s	MW-4s	MW-5s	MW-6s	MW-8s	MW-10s	MW-12s	MW-16s	MW-18s	MW-22s	MW-23s	MW-29s	MW-36s	DEQ-4s	DEQ-5s	IN-5s	MW-39s	MW-41s	MW-42s	MW-43s	MW-44s	MW-45s	MW-46s	MW-47s	MW-48s	MW-49s	MW-50s
Screen (btc)																													
Top	457.26	457.00	458.05	453.82	454.54	452.81	450.38	449.91	451.75	445.45	451.91	451.77	457.15	455.86	432.17	457.72	458.51	457.71	457.71	456.74	457.09	455.35	451.68	450.80	450.44	450.27	454.22	447.23	459.92
Bottom	442.26	442.00	443.05	438.82	439.54	442.81	440.38	439.91	441.75	435.45	441.91	441.77	442.15	445.86	417.57	447.72	453.51	442.71	448.21	447.24	447.59	445.85	442.18	441.30	440.94	440.61	444.72	437.73	450.42
08/21/2002	455.22	455.60	454.31	452.87	454.28	455.68	455.74	454.21	456.22	453.63	456.18	451.80																	
06/24/2003	456.01	456.32	455.03	453.65	454.81	456.50	456.43	454.86	456.85	454.21	456.85	455.17																	
01/05/2004	461.07	461.40	460.06	458.85	459.56	461.36	461.57	459.89	461.96	460.06	462.16	459.23																	
04/12/2004	458.44	458.87	457.86	456.33	457.46	458.81	458.90	457.18	459.26	457.15	459.47	457.70																	
10/12/2004	457.84	458.25	457.26	455.33	456.46	458.89	458.30	456.26	458.88	456.68	459.10	457.02																	
01/14/2005	459.16	459.55	458.51	457.14	458.24	460.20	459.63	457.90	460.13	457.94	460.33	458.23				459.85	459.71												
02/25/2005				457.19	458.09			458.02								460.60	460.02												
04/20/2005	460.29	460.69	459.15	457.55	458.51	460.74	460.78	458.95	461.17	458.38	461.20	459.04				457.32	457.91												
07/18/2005	457.18							455.49		455.18		456.11				457.15	457.13												
10/13/2005	456.86	457.15	456.00	453.95	455.33	457.05	457.26	455.15	457.75	455.04	458.13	455.76																	
10/20/2005	456.91	457.18	456.31	454.50			457.28	455.32	457.74		458.19	455.89																	
10/21/2005	456.96	457.23	456.19	453.99			457.35	455.15	457.85		458.21	456.00				458.59	459.89												
11/21/2005			457.45	455.98								457.26				461.70	458.18												
01/16/2006	461.35	461.79	460.25	459.20	459.73	461.76	461.85	460.18	462.23	458.33	462.44	460.20				458.10	461.37												
07/11/2006	457.78	458.07	457.05	455.25	457.15	457.87	458.21	456.11	458.68	456.47	459.06	456.91				460.79	456.78												
01/23/2007	460.00	460.63	458.78	457.89	458.15	459.64	460.49	459.13	459.96	458.25	460.73	458.18				456.95													
08/29/2007	453.30	456.84	455.83	454.20	455.59	456.77	456.87	455.31	457.42	455.58	457.85	456.09																	
07/08/2008		458.51	457.57			458.59		456.87	459.00	457.55	459.36	457.63																	
04/07/2009			459.70							459.57		458.48																	
07/01/2009		458.82		456.57	457.64	458.73		457.13	459.38	458.25		457.13				457.75													
10/07/2009										456.13		457.94																	
04/01/2010	462.01		460.59	459.27						460.29		460.41				461.45		460.98											
10/21/2010			458.13	456.37	457.46	459.18				457.28		457.74				458.81													
04/06/2011	462.10		460.11	458.88	459.39	460.96				459.75		459.94	460.15			461.08		460.84											
07/19/2012	459.01	458.75	457.98	456.67	457.43	458.71	458.80	457.42	459.09	457.55	459.05	457.91	458.22	457.90		458.54	458.80	458.23											
04/14/2014	460.45	460.38	459.18	457.67	458.33	460.37	460.26	458.82	460.52	458.75	460.53	459.07	460.26	459.14	452.98	[c]	[c]	459.46											
10/20/2014	459.34	458.88	458.72	456.97	458.27	458.77	458.78	457.38	459.07	458.81	459.39	457.65	459.06	458.07	453.21	[c]	[c]	460.49											
07/06/2016	458.40	458.16	457.56	456.23	457.17	458.16	458.18	456.81	458.50	457.21	458.51	457.45	457.56	457.42	452.24	[c]	[c]	457.68	458.05	455.89	453.58	451.05	448.77	446.56	447.42	448.67	450.64	445.41	456.23
03/28/2017	461.71	461.74	460.44	459.07	459.42	461.80	461.65	460.35	461.98	460.04	462.05	460.41	461.42	460.57	454.81	[c]	[c]	460.82	461.35	459.17	456.87	452.97	453.34	449.70	450.06	451.84	455.96	447.72	460.89
10/23/2017	460.10	459.90	459.24	457.75	458.85	459.54	459.67	458.11	459.91	459.15	460.18	459.01	460.02	459.09	453.41	[c]	[c]	459.77	460.10	457.96	453.73	451.36	447.78	445.80	446.80	449.08	450.92	445.60	458.07
12/06/2017	460.91	460.86	459.68	458.24	458.80	460.61	460.76	459.19	461.11	459.27	461.08	459.62	460.69	459.65	453.78	[c]	[c]	459.96	460.43	458.37	455.78	451.98	450.62	448.18	449.10	450.78	454.43	446.67	459.65
02/01/2018	461.34	461.35	460.04	458.69	459.13	461.17	461.29	459.81	461.59	459.58	461.55	460.02	461.14	460.15	454.25	[c]	[c]	460.30	460.88	458.78	456.45	452.35	452.36	449.17	449.66	451.33	455.51	447.18	460.56
04/23/2018	461.07	461.00	459.72	458.22	458.72	460.86	460.88	459.50	461.15	459.22	460.95	459.72	461.00	459.87	453.73	[c]	[c]	459.93	460.29	457.91	456.20	452.14	451.35	448.97	449.29	450.68	454.44	446.56	459.85
10/08/2018	456.96	456.80	456.50	455.51	456.09	457.54	456.83	455.29	457.02	457.22	457.02	455.95	456.31	455.95	451.83	[c]	[c]	457.62	457.09	455.42	452.68	450.97	447.21	446.09	446.14	447.49	448.91	444.54	454.65
01/03/2019	460.50	460.53	459.50	457.97	458.59	460.27	460.42	458.91	460.69	459.05	460.67	459.40		459.40	-	[c]	[c]	459.83											
04/10/2019[d]	462.41	462.42	461.06	459.83	460.12	462.41	462.42	461.24	462.70	460.66	462.74	461.10	462.34	461.37	455.87	[c]	[c]	461.42	461.37	460.38	457.72	453.03	454.25	450.71	449.89	452.41	456.28	448.05	459.42
10/07/2019[e]	459.86	460.05	459.06	457.41	458.26	459.65	459.69	458.17	459.92	458.64	459.82	458.91	460.06	458.80	454.55	[c]	[c]	459.40	459.03	456.95	454.62	451.48	448.81	446.49	447.64	449.03	450.48	445.43	458.17
04/13/2020	460.41	460.52	459.28	457.80	458.37	460.24	460.28	458.91	460.55	458.89	460.40	459.22	460.63	459.34	454.06	[c]	[c]	459.58	459.92	457.71	455.51	451.81	450.71	448.24	448.58	449.75	453.11	445.97	459.63
10/05/2020	458.57	458.73	457.90	456.51	457.89	458.07	458.34	456.79	458.62	457.62	458.50	457.75	458.58	457.59	453.04	[c]	[c]	458.06	457.19	456.37	453.61	450.83	448.01	445.79	446.83	448.03	449.90	444.84	456.05
04/19/2021	459.32	459.39	458.19	456.95	457.52	459.01	459.21	457.79	459.51	457.81	459.28	458.24	459.69	458.34	453.36	[c]	[c]	458.35	458.89	456.92	454.92	451.36	449.62	446.77	447.70	448.87	451.46	445.39	458.56
10/04/2021	459.66	459.75	458.75	457.21	458.04	459.32	459.56	457.94	459.83	458.31	459.57	458.64	459.88	458.63	453.46	[c]	[c]	459.06	458.48	456.73	454.33	451.16	448.09	446.08	446.96	448.12	450.33	445.16	458.18
04/11/2022	461.72	461.61	460.61	459.07	459.73	461.45	461.53	460.11	461.90	460.41	461.76	460.35	461.44	460.57	454.55	[c]	[c]	460.98	461.01	459.12	456.41	452.35	451.27	448.65	448.85	450.70	453.27	446.27	459.60

Notes:

[a] Vertical Datum: NAVD(88) - by Statewide Land Surveying (Aug 2011, Aug 2012, Jan 2014, July 2016)

[b] Vertical Datum: NAVD(88) - by Statewide Land Surveying (June 2017)

[c] Abandoned

[d] MW-43s measured on 04/11/2019

[e] MW-43s measured on 10/08/2019

[f] MW-44s measured on 04/20/2021

btc = Below Top of Casing

msl = Mean Sea Level

TOC = Top of Casing

August 2002 through April 2011 Measured by Hart Crowser

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)																														
Screen (btc)	MW-7i	MW-9i	MW-11i	MW-14i	MW-17i	MW-21i	MW-35i	MW-36i	MW-40i	DEQ-1d	DEQ-2i	DEQ-3d	EX-5i	IN-6i	IN-7i	IN-8i	MW-39i	MW-39d	MW-41i	MW-41d	MW-42i	MW-42d	MW-43i	MW-43d	MW-44i	MW-44d	MW-45i	MW-45d	MW-46i	MW-46d
Top	49.49	80.40	50.37	39.10	49.08	50.15	40.52	50.95	30.38	79.49	49.78	78.62	43.79	44.32	43.99	44.04	39.81	96.78	40.00	85.54	40.14	104.38	37.95	105.52	39.55	105.69	39.72	105.70	40.32	105.69
Bottom	69.49	100.40	70.37	59.10	69.08	70.15	55.12	65.55	49.98	89.49	69.78	118.62	68.79	69.32	68.99	69.04	59.31	106.28	59.50	95.04	59.64	113.88	57.49	115.02	59.05	115.19	59.26	115.20	59.82	115.19
TOC (msl)	467.68	467.54	464.34	463.32	464.47	466.54	458.78	462.99	454.37	465.80	464.66	458.76	466.48	466.81	466.03	465.22	463.49	463.44	462.16	462.18	462.21	462.10	461.04	461.04	457.01	456.91	455.61	455.60	454.98	454.73
TOC (msl)[b]	467.68	467.54																												
08/21/2002	15.30	14.28	12.80	12.36	14.08	15.98				15.36	13.68	20.61																		
06/24/2003	14.59	13.66	12.09	11.35	12.77	15.04				13.94	12.90	14.85																		
01/05/2004	8.58	7.66	6.17	5.13	6.16	8.72				7.74	5.78	6.51																		
04/12/2004	11.67	10.72	9.15	8.09	9.71	11.87				10.82	9.73	9.00																		
10/12/2004	12.89	12.00	10.50	9.72	11.24	13.26				12.30	11.49	10.79																		
01/14/2005	10.37	9.67	8.10	6.97	8.15	10.68				9.80	8.45	8.33																		
02/25/2005	10.13		8.10	7.05	8.19	10.69				9.70																				
04/20/2005		9.10	7.74	6.83	8.21	10.49				9.46	8.77																			
07/18/2005		13.06	11.83		12.99	15.03					13.60																			
10/13/2005	14.23	13.03	11.78	11.17	12.89	14.90				13.68	13.52																			
10/20/2005				11.20	12.91																									
10/21/2005						14.97																								
11/21/2005																														
01/16/2006	8.25	7.31	6.75	4.68	5.91	8.32				7.30	5.63																			
07/11/2006	12.96	11.58	10.77	9.37	10.45	13.03				12.68	10.36																			
01/23/2007	9.62	8.75	7.43	6.49	7.41	9.63				8.84	6.59																			
08/29/2007	13.95	13.23	11.59	10.55	11.12	13.59				13.44	12.00		12.59																	
07/08/2008	8.10	10.90	9.42	8.30	8.69	11.27				11.00	8.33		10.53																	
04/07/2009				5.81																										
07/01/2009	11.51	10.58	8.91	7.91		10.98				10.02	8.99			9.48	9.7	8.81														
10/07/2009				8.07		10.83																								
04/01/2010				4.68	5.78	7.73				7.34	6.59		7.10	6.90	6.26	5.68														
10/21/2010	11.55	10.80	9.26	8.07	9.18	11.54					10.20		10.73																	
04/06/2011				5.14	5.93	8.68				8.25	6.64		7.68	6.98	6.2	6.20														
07/19/2012	11.19	10.5	8.71	7.67	8.06	10.82				10.19	8.81	22.76	9.95	9.79	9.19	8.52														
04/14/2014	9.96	9.23	7.55	6.60	6.82	9.76	6.27	9.24	8.58	9.35	7.52	15.23	8.76	8.56	7.94	7.28														
10/20/2014	11.14	10.45	8.72	7.66	7.95	10.83	7.53	9.69	10.15	10.55	8.53	19.71	6.41	9.73	9.09	9.86														
07/06/2016	11.69	11.02	9.40	8.17	8.47	11.18	8.08	9.53	9.95	11.09	8.95	21.30	10.48	10.34	9.72	8.99	6.06	6.12	6.71	9.20	9.92	13.63	10.77	18.32	10.22	11.32	12.35	32.15	9.70	50.67
08/31/2016												17.81						6.66		8.70				19.01		11.98		28.41		33.74
09/07/2016												16.51						7.03		9.52		13.89				11.93		27.64		30.47
09/14/2016												16.07						7.19		9.58		14.33		18.95		12.05		27.62		29.95
09/21/2016												16.09						7.04		9.68				18.85		11.98		27.57		29.65
09/28/2016												15.51						7.02		8.80		14.26		19.00		12.07		27.21		29.08
03/28/2017	8.42	7.70	6.09	4.95	5.19	7.92	4.67	6.55	6.95	7.80	5.60	18.45	6.22	7.05	6.44	5.70	2.54	2.66	3.51	4.54	6.69	10.34	7.74	14.55	6.85	7.88	9.29	28.48	6.86	40.92
04/27/2017																												29.04		45.10
05/16/2017																												26.43		35.57
06/01/2017																												29.40		32.82
07/10/2017																												36.75		50.65
10/24/2017	10.31	9.58	8.09	6.78	6.98	9.81	7.03	8.08	10.01	9.77	7.25	24.08	8.99	8.87	8.22	7.45	4.26	4.51	4.86	6.86	9.47	13.24	10.68	18.39	10.69	11.56	12.67	34.72	9.92	55.62
12/06/2017	9.44	8.69	7.11	6.00	6.22	8.99	5.90	7.53	7.95	8.72	6.58	16.69	8.19	7.99	7.40	6.66	3.57	3.71	4.30	5.37	7.84	11.34	9.20	16.54	8.52	9.46	10.59	27.19	7.84	35.42
02/01/2018	8.88	8.12	6.52	5.43	5.69	8.42	5.14	7.00	7.14	8.24	6.05	12.28	7.64	7.45	6.88	6.12	3.01	3.14	3.84	4.78	7.15	10.50	8.44	15.45	7.55	8.51	9.70	23.60	7.02	25.25
04/23/2018	9.40	8.63	7.04	5.97	6.23	8.98	5.96	7.57	7.77	8.80	6.64	12.36	8.16	7.96	7.40	6.66	3.77	3.84	4.52	5.11	7.52	10.82	8.75	15.80	8.16	8.84	10.05	23.29	7.44	24.42
10/08/2018	12.92	11.99	10.12	9.09	9.50	12.40	8.89	10.12	11.00	12.14	9.79	25.29	11.76	11.50	10.84	10.06	7.08	6.90	7.22	6.54	10.92	14.66	11.52	19.95	11.46	12.56	13.49	35.31	10.89	54.69
04/24/2019	7.61	6.85	5.18	4.10	4.39	7.08	3.67	5.47	5.91	6.89	4.66	11.61	6.36	6.17	5.56	4.81	1.61	3.17	2.41	5.64	7.48	9.23	7.62	13.29	6.07	9.86	8.27	23.94	5.82	25.47
10/07/2019[c]	10.57	9.80	8.26	7.06	7.33	10.11	7.46	9.67	9.54	9.98	7.63	19.79	9.28	9.11	8.52	7.76	5.07	5.21	5.59	6.71	9.44	13.01	10.40	18.69	9.02	11.06	11.76	30.10	9.22	38.93
04/13/2020	9.93	9.17	7.60	6.48	6.69	9.46	6.64	7.52	8.35	9.33	7.02	13.87	8.66	8.47	7.87	7.11	4.11	4.30	4.75	5.54	8.31	12.71	9.53	18.46	8.68	9.66	10.73	28.32	8.18	32.99
10/05/2020	11.66	10.89	9.31	8.03	8.37	11.12	8.22	8.83	10.40	10.98	8.56	20.22	10.33	10.21	9.57	8.81	5.91	6.07	6.41	6.41	10.02	13.48	10.75	17.45	10.63	11.29	12.60	29.22	10.08	38.79
04/19/2021	10.86	10.11	8.48	7.34	7.64	10.33	7.56	8.23	9.41	10.19	7.90	15.24	9.59	9.44	8.82	8.09	5.04	5.16	5.54	6.27	8.99	12.66	10.12	17.97	9.43	11.22	11.52	27.16	9.04	29.06
10/04/2021	10.77	10.01	8.49	7.29	7.56	10.36	8.00	8.33	10.14	10.21	7.83	24.86	9.53	9.34	8.76	7.99	5.31	5.53	5.80	7.53	9.36	12.54	10.76	17.23	10.47	11.23	12.46	28.62	9.95	51.83
04/11/2022	8.69	7.93	6.42	5.26	6.43	8.29	5.51	6.57	8.01	8.16	5.76	14.19	7.43	7.26	6.66	5.91	2.96	3.36	3.12	5.96	7.34	10.56	8.80	14.88	8.20	10.10	10.48	24.82	7.78	27.92

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)					
	MW-47i	MW-47d	MW-48i	MW-48d	MW-49i	MW-49d
Screen (btc)						
Top	39.88	106.12	40.17	105.29	38.98	105.18
Bottom	59.42	115.62	59.71	114.79	58.48	114.68
TOC (msl)	456.31	456.25	459.37	459.33	452.59	452.30
TOC (msl)[b]						
08/21/2002						
06/24/2003						
01/05/2004						
04/12/2004						
10/12/2004						
01/14/2005						
02/25/2005						
04/20/2005						
07/18/2005						
10/13/2005						
10/20/2005						
10/21/2005						
11/21/2005						
01/16/2006						
07/11/2006						
01/23/2007						
08/29/2007						
07/08/2008						
04/07/2009						
07/01/2009						
10/07/2009						
04/01/2010						
10/21/2010						
04/06/2011						
07/19/2012						
04/14/2014						
10/20/2014						
07/06/2016	9.65	77.64	10.49	68.24	9.35	34.63
08/31/2016		41.22		38.73		48.74
09/07/2016		40.29		37.36		47.14
09/14/2016		39.17		36.36		45.45
09/21/2016		38.28		35.69		44.44
09/28/2016		37.36		34.85		43.14
03/28/2017	6.39	78.22	6.74	63.56	6.43	106.01
04/27/2017		79.18		63.49		106.57
05/16/2017		55.55		49.76		60.89
06/01/2017		44.40		40.58		47.72
07/10/2017		83.38		70.27		dry
10/24/2017	9.49	95.45	9.57	75.65	9.71	111.04
12/06/2017	7.31	54.15	7.80	44.81	7.29	61.14
02/01/2018	6.23	33.03	6.88	28.77	6.25	36.63
04/23/2018	6.85	31.42	7.69	27.85	6.75	35.11
10/08/2018	10.82	90.95	11.45	72.58	10.64	dry
04/24/2019	4.95	35.73	5.38	30.00	4.84	dry
10/07/2019[c]	8.95	50.63	9.63	49.14	8.79	110.00
04/13/2020	7.61	44.85	8.36	31.21	7.37	[d]
10/05/2020	10.02	62.16	10.75	51.96	9.71	[d]
04/19/2021	8.64	50.22	9.65	35.19	8.44	[d]
10/04/2021	9.08	79.87	10.49	73.93	9.58	[d]
04/11/2022	7.06	45.68	7.66	34.69	7.26	[d]

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Groundwater Elevation (feet msl) [a]																														
Screen (btc)	MW-7i	MW-9i	MW-11i	MW-14i	MW-17i	MW-21i	MW-35i	MW-36i	MW-40i	DEQ-1d	DEQ-2i	DEQ-3d	EX-5i	IN-6i	IN-7i	IN-8i	MW-39i	MW-39d	MW-41i	MW-41d	MW-42i	MW-42d	MW-43i	MW-43d	MW-44i	MW-44d	MW-45i	MW-45d	MW-46i	MW-46d
Top	418.19	387.14	413.97	424.22	415.39	416.39	418.26	412.04	423.99	386.31	414.88	380.14	422.69	422.49	422.04	421.18	423.68	366.66	422.16	376.64	422.07	357.72	423.09	355.52	417.46	351.22	415.89	349.90	414.66	349.04
Bottom	398.19	367.14	393.97	404.22	395.39	396.39	403.66	397.44	404.39	376.31	394.88	340.14	397.69	397.49	397.04	396.18	404.18	357.16	402.66	367.14	402.57	348.22	403.55	346.02	397.96	341.72	396.35	340.40	395.16	339.54
08/21/2002	452.38	453.26	451.54	450.96	450.39	450.56				450.44	450.98	438.15																		
06/24/2003	453.09	453.88	452.25	451.97	451.70	451.50				451.86	451.76	443.91																		
01/05/2004	459.10	459.88	458.17	458.19	458.31	457.82				458.06	458.88	452.25																		
04/12/2004	456.01	456.82	455.19	455.23	454.76	454.67				454.98	454.93	449.76																		
10/12/2004	454.79	455.54	453.84	453.60	453.23	453.28				453.50	453.17	447.97																		
01/14/2005	457.31	457.87	456.24	456.35	456.32	455.86				456.00	456.21	450.43																		
02/25/2005	457.55		456.24	456.27	456.28	455.85				456.10																				
04/20/2005		458.44	456.60	456.49	456.26	456.05				456.34	455.89																			
07/18/2005		454.48	452.51		451.48	451.51					451.06																			
10/13/2005	453.45	454.51	452.56	452.15	451.58	451.64				452.12	451.14																			
10/20/2005				452.12	451.56																									
10/21/2005						451.57																								
01/16/2006	459.43	460.23	457.59	458.64	458.56	458.22				458.50	459.03																			
07/11/2006	454.72	455.96	453.57	453.95	454.02	453.51				453.12	454.30																			
01/23/2007	458.06	458.79	456.91	456.83	457.06	456.91				456.96	458.07																			
08/29/2007	453.73	454.31	452.75	452.77	453.35	452.95				452.36	452.66		453.89																	
07/08/2008	459.58	456.64	454.92	455.02	455.78	455.27				454.80	456.33		455.95																	
04/07/2009				457.51																										
07/01/2009	456.17	456.96	455.43	455.41		455.56				455.78	455.67			457.33	456.33	456.41														
10/07/2009				455.25		455.71																								
04/01/2010				458.64	458.69	458.81				458.46	458.07		459.38	459.91	459.77	459.54														
10/21/2010	456.13	456.74	455.08	455.25	455.29	455.00					454.46		455.75																	
04/06/2011				458.18	458.54	457.86				457.55	458.02		458.80	459.83	459.83	459.02														
07/19/2012	456.49	457.04	455.63	455.65	456.41	455.72				455.61	455.85	436.00	456.53	457.02	456.84	456.70														
04/14/2014	457.72	458.31	456.79	456.72	457.65	456.78	452.51	453.75	445.79	456.45	457.14	443.53	457.72	458.25	458.09	457.94														
10/20/2014	456.54	457.09	455.62	455.66	456.52	455.71	451.25	453.30	444.22	455.25	456.13	439.05	460.07	457.08	456.94	455.36														
07/06/2016	455.99	456.52	454.94	455.15	456.00	455.36	450.70	453.46	444.42	454.71	455.71	437.46	456.00	456.47	456.31	456.23	457.43	457.32	455.45	452.98	452.29	448.47	450.27	442.72	446.79	445.59	443.26	423.45	445.28	404.06
08/31/2016												440.95						456.78		453.48				442.03		444.93		427.19		420.99
09/07/2016												442.25						456.41		452.66		448.21				444.98		427.96		424.26
09/14/2016												442.69						456.25		452.60		447.77		442.09		444.86		427.98		424.78
09/21/2016												442.67						456.40		452.50				442.19		444.93		428.03		425.08
09/28/2016												443.25						456.42		453.38		447.84		442.04		444.84		428.39		425.65
03/28/2017	459.26	459.84	458.25	458.37	459.28	458.62	454.11	456.44	447.42	458.00	459.06	440.31	460.26	459.76	459.59	459.52	460.95	460.78	458.65	457.64	455.52	451.76	453.30	446.49	450.16	449.03	446.32	427.12	448.12	413.81
04/27/2017																												426.56		409.63
05/16/2017																												429.17		419.16
06/01/2017																												426.20		421.91
07/10/2017																												418.85		404.08
10/24/2017	457.37	457.96	456.25	456.54	457.49	456.73	451.75	454.91	444.36	456.03	457.41	434.68	457.49	457.94	457.81	457.77	459.23	458.93	457.30	455.32	452.74	448.86	450.36	442.65	446.32	445.35	442.94	420.88	445.06	399.11
12/06/2017	458.24	458.85	457.23	457.32	458.25	457.55	452.88	455.46	446.42	457.08	458.08	442.07	458.29	458.82	458.63	458.56	459.92	459.73	457.86	456.81	454.37	450.76	451.84	444.50	448.49	447.45	445.02	428.41	447.14	419.31
02/01/2018	458.80	459.42	457.82	457.89	458.78	458.12	453.64	455.99	447.23	457.56	458.61	446.48	458.84	459.36	459.15	459.10	460.48	460.30	458.32	457.40	455.06	451.60	452.60	445.59	449.46	448.40	445.91	432.00	447.96	429.48
04/23/2018	458.28	458.91	457.30	457.35	458.24	457.56	452.82	455.42	446.60	457.00	458.02	446.40	458.32	458.85	458.63	458.56	459.72	459.60	457.64	457.07	454.69	451.28	452.29	445.24	448.85	448.07	445.56	432.31	447.54	430.31
10/08/2018	454.76	455.55	454.22	454.23	454.97	454.14	449.89	452.87	443.37	453.66	454.87	433.47	454.72	455.31	455.19	455.16	456.41	456.54	454.94	455.64	451.29	447.44	449.52	441.09	445.55	444.35	442.12	420.29	444.09	400.04
04/10/2019	460.07	460.69	459.16	459.22	460.08	459.46	455.11	457.52	448.46	458.91	460.00	447.15	460.12	460.64	460.47	460.41	461.88	460.27	459.75	456.54	454.73	452.87	453.42	447.75	450.94	447.05	447.34	431.66	449.16	429.26
10/07/2019[c]	457.11	457.74	456.08	456.26	457.14	456.43	451.32	453.32	444.83	455.82	457.03	438.97	457.20	457.70	457.51	457.46	458.42	458.23	456.57	455.47	452.77	449.09	450.64	442.35	447.99	445.85	443.85	425.50	445.76	415.80
04/13/2020	457.75	458.37	456.74	456.84	457.78	457.08	452.14	455.47	446.02	456.47	457.64	444.89	457.82	458.34	458.16	458.11	459.38	459.14	457.41	456.64	453.90	449.39	451.51	442.58	448.33	447.25	444.88	427.28	446.80	421.74
10/05/2020	456.02	456.65	455.03	455.29	456.10	455.42	450.56	454.16	443.97	454.82	456.10	438.54	456.15	456.60	456.46	456.41	457.58	457.37	455.75	455.77	452.19	448.62	450.29	443.59	446.38	445.62	443.01	426.38	444.90	415.94
04/19/2021	456.82	457.43	455.86	455.98	456.83	456.21	451.22	454.76	444.96	455.61	456.76	443.52	456.89	457.37	457.21	457.13	458.45	458.28	456.62	455.91	453.22	449.44	450.92	443.07	447.58	445.69	444.09	428.44	445.94	425.67
10/04/2021	456.91	457.53	455.85	456.03	456.91	456.18	450.78	454.66	444.23	455.59	456.83	433.90	456.95	457.47	457.27	457.23	458.18	457.91	456.36	454.65	452.85	449.56	450.28	443.81	446.54	445.68	443.15	426.98	445.03	402.90
04/11/2022	458.99	459.61	457.92	458.06	458.04	458.25	453.27	456.42	446.36	457.64	458.90	444.57	459.05	459.55	459.37	459.31	460.53	460.08	459.04	456.22	454.87	451.54	452.24	446.16	448.81	446.81	445.13	430.78	447.20	426.81

Table 3
Groundwater Elevation Data - Intermediate and Deep-Zone Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Groundwater Elevation (feet msl) [a]					
	MW-47i	MW-47d	MW-48i	MW-48d	MW-49i	MW-49d
Screen (btc)						
Top	416.43	350.13	419.20	354.04	413.61	347.12
Bottom	396.89	340.63	399.66	344.54	394.11	337.62
08/21/2002						
06/24/2003						
01/05/2004						
04/12/2004						
10/12/2004						
01/14/2005						
02/25/2005						
04/20/2005						
07/18/2005						
10/13/2005						
10/20/2005						
10/21/2005						
01/16/2006						
07/11/2006						
01/23/2007						
08/29/2007						
07/08/2008						
04/07/2009						
07/01/2009						
10/07/2009						
04/01/2010						
10/21/2010						
04/06/2011						
07/19/2012						
04/14/2014						
10/20/2014						
07/06/2016	446.66	378.61	448.88	391.09	443.24	417.67
08/31/2016		415.03		420.60		403.56
09/07/2016		415.96		421.97		405.16
09/14/2016		417.08		422.97		406.85
09/21/2016		417.97		423.64		407.86
09/28/2016		418.89		424.48		409.16
03/28/2017	449.92	378.03	452.63	395.77	446.16	346.29
04/27/2017		377.07		395.84		345.73
05/16/2017		400.70		409.57		391.41
06/01/2017		411.85		418.75		404.58
07/10/2017		372.87		389.06		dry
10/24/2017	446.82	360.80	449.80	383.68	442.88	341.26
12/06/2017	449.00	402.10	451.57	414.52	445.30	391.16
02/01/2018	450.08	423.22	452.49	430.56	446.34	415.67
04/23/2018	449.46	424.83	451.68	431.48	445.84	417.19
10/08/2018	445.49	365.30	447.92	386.75	441.95	dry
04/10/2019	451.36	420.52	453.99	429.33	447.75	dry
10/07/2019[c]	447.36	405.62	449.74	410.19	443.80	342.30
04/13/2020	448.70	411.40	451.01	428.12	445.22	[d]
10/05/2020	446.29	394.09	448.62	407.37	442.88	[d]
04/19/2021	447.67	406.03	449.72	424.14	444.15	[d]
10/04/2021	447.23	376.38	448.88	385.40	443.01	[d]
04/11/2022	449.25	410.57	451.71	424.64	445.33	[d]

Notes:
[a] Vertical Datum: NAVD(88) - by Statewide Land Surveying (Aug 2011, Aug 2012, Jan 2014, July 2016)
[b] Vertical Datum: NAVD(88) - by Statewide Land Surveying (June 2017)
[c] MW-43i and MW-43d measured on 10/08/2019, MW-49d measured on 10/09/2019
[d] MW-49d could not be measured
btc = Below Top of Casing
msl = Mean Sea Level
TOC = Top of Casing

August 2002 through April 2011 Measured by Hart Crowser

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)							Measured Water Level (feet btc)							Measured Water Level (feet btc)						
	MW-24 cmt							MW-25 cmt							MW-26 cmt						
Screen Bottom (btc)	17.67	31.68	46.61	61.61	70.60	91.58	111.50	14.70	29.70	42.78	59.79	72.24	82.74	107.50	14.98	30.05	45.00	60.02	69.67	98.60	115.00
TOC (msl)	466.17	466.17	466.17	466.17	466.17	466.17	466.17	463.64	463.64	463.64	463.64	463.64	463.64	463.64	462.06	462.06	462.06	462.06	462.06	462.06	462.06
09/21/2011	7.28	8.49	9.48	10.24	10.08	10.40	10.80	7.14	8.47	8.50	9.61	9.31	9.71	10.81	7.25	7.36	8.15	7.72	8.34	12.12	12.14
07/19/2012	7.32	7.22	8.62	9.21	9.25	9.52	11.10	6.07	7.14	7.31	8.22	8.24	8.44	10.81	6.34	6.42	7.33	6.96	5.10	9.13	8.42
04/14/2014	5.81	5.86	7.30	7.95	8.00	8.11	8.84	5.32	6.16	6.22	7.20	7.17	7.40	8.91	5.19	5.25	6.28	5.98	4.99	6.42	8.26
10/20/2014	7.08	7.10	8.43	9.16	9.19	9.40	12.00	5.57	7.00	7.04	8.16	11.08	8.43	11.06	4.82	5.89	7.13	6.94	7.48	10.79	10.67
07/06/2016	7.70	7.72	8.99	9.60	9.65	9.81	11.72	6.32	7.64	7.74	8.78	8.75	9.00	11.71	7.10	7.12	7.73	7.41	7.11	12.80	12.36
08/31/2016							12.59							11.69							11.80
09/07/2016							12.56							11.68							11.64
09/14/2016							12.63							11.83							
09/21/2016							12.54							11.72							12.02
03/28/2017	4.18	4.20	5.58	6.23	6.25	6.48	8.70	4.15	4.60	4.65	5.46	5.45	5.71	8.30	3.31	3.44	4.29	4.28	3.90	8.35	7.87
10/23/2017	6.18	6.21	7.43	8.13	8.15	8.47	12.04	4.91	6.11	6.22	7.32	7.30	7.62	11.22	3.95	4.70	5.83	5.95	5.59	10.90	10.92
12/06/2017	5.06	5.10	6.53	7.21	7.23	7.46	10.07	4.77	5.45	5.52	6.48	6.47	6.72	9.02	3.88	4.30	5.22	5.31	4.87	8.27	8.45
02/01/2018	4.57	4.60	6.00	6.62	6.65	6.86	9.16	4.46	4.97	5.03	5.89	5.89	6.12	7.85	3.61	3.86	4.70	4.75	4.30	7.12	7.06
04/23/2018	5.07	5.11	6.55	7.20	7.22	7.41	9.33	4.80	5.45	5.52	6.48	6.46	6.70	8.01	4.23	4.49	5.30	5.38	4.91	7.38	6.95
10/08/2018	9.03	9.20	10.16	10.69	10.73	10.98	13.94	7.12	8.61	8.69	9.72	9.72	10.00	12.67	7.37	7.61	8.22	8.36	8.04	12.15	11.97
01/03/2019	5.49																				
04/10/2019	3.42	3.46	4.73	5.34	5.35	5.59	8.83	3.56	3.79	3.82	4.58	4.53	4.75	7.00	2.82	2.55	3.30	3.27	2.83	5.70	6.43
10/07/2019*	6.34	6.37	7.76	8.43	8.43	8.68	11.63	5.26	6.32	6.42	7.57	7.56	7.83	10.20	5.33	5.44	6.19	6.41	5.98	9.58	9.52
04/13/2020	5.66	5.69	7.07	7.72	7.74	7.93	10.55	5.07	5.83	5.91	6.92	6.92	7.16	8.69	4.83	4.79	5.46	5.69	5.20	7.37	7.25
10/05/2020	7.61	7.67	8.84	9.45	9.58	9.69	12.86	6.05	7.33	7.30	8.59	8.50	8.77	11.44	6.44	6.30	6.94	7.12	6.78	10.75	10.72
04/19/2021	6.92	6.79	8.06	8.66	8.68	8.83	10.59	5.69	6.71	6.87	7.80	7.83	8.04	9.42	5.65	5.86	5.93	6.56	6.09	7.60	7.94
10/04/2021	6.43	6.48	7.99	8.64	8.68	8.96	12.62	5.48	6.49	6.66	7.80	7.81	8.08	11.25	5.71	5.77	6.03	5.78	6.07	10.59	10.52
04/11/2022	4.34	4.42	5.81	6.50	6.51	6.90	9.54	3.67	4.58	4.75	5.79	5.79	6.07	8.10	2.98	3.42	4.33	4.67	4.14	7.64	7.36

Date Measured	Groundwater Elevation (feet msl) [a]							Groundwater Elevation (feet msl) [a]							Groundwater Elevation (feet msl) [a]						
	MW-24 cmt							MW-25 cmt							MW-26 cmt						
Screen Bottom (btc) (msl)	448.50	434.49	419.56	404.56	395.57	374.59	354.67	448.94	433.94	420.86	403.85	391.40	380.90	356.14	447.08	432.01	417.06	402.04	392.39	363.46	347.06
09/21/2011	458.89	457.68	456.69	455.93	456.09	455.77	455.37	456.50	455.17	455.14	454.03	454.33	453.93	452.83	454.81	454.70	453.91	454.34	453.72	449.94	449.92
07/19/2012	458.85	458.95	457.55	456.96	456.92	456.65	455.07	457.57	456.50	456.33	455.42	455.40	455.20	452.83	455.72	455.64	454.73	455.10	456.96	452.93	453.64
04/14/2014	460.36	460.31	458.87	458.22	458.17	458.06	457.33	458.32	457.48	457.42	456.44	456.47	456.24	454.73	456.87	456.81	455.78	456.08	457.07	455.64	453.80
10/20/2014	459.09	459.07	457.74	457.01	456.98	456.77	454.17	458.07	456.64	456.60	455.48	452.56	455.21	452.58	457.24	456.17	454.93	455.12	454.58	451.27	451.39
07/06/2016	458.47	458.45	457.18	456.57	456.52	456.36	454.45	457.32	456.00	455.90	454.86	454.89	454.64	451.93	454.96	454.94	454.33	454.65	454.95	449.26	449.70
08/31/2016							453.58							451.95							450.26
09/07/2016							453.61							451.96							450.42
09/14/2016							453.54							451.81							
09/21/2016							453.63							451.92							450.04
03/28/2017	461.99	461.97	460.59	459.94	459.92	459.69	457.47	459.49	459.04	458.99	458.18	458.19	457.93	455.34	458.75	458.62	457.77	457.78	458.16	453.71	454.19
10/23/2017	459.99	459.96	458.74	458.04	458.02	457.70	454.13	458.73	457.53	457.42	456.32	456.34	456.02	452.42	458.11	457.36	456.23	456.11	456.47	451.16	451.14
12/06/2017	461.11	461.07	459.64	458.96	458.94	458.71	456.10	458.87	458.19	458.12	457.16	457.17	456.92	454.62	458.18	457.76	456.84	456.75	457.19	453.79	453.61
02/01/2018	461.60	461.57	460.17	459.55	459.52	459.31	457.01	459.18	458.67	458.61	457.75	457.75	457.52	455.79	458.45	458.20	457.36	457.31	457.76	454.94	455.00
04/23/2018	461.10	461.06	459.62	458.97	458.95	458.76	456.84	458.84	458.19	458.12	457.16	457.18	456.94	455.63	457.83	457.57	456.76	456.68	457.15	454.68	455.11
10/08/2018	457.14	456.97	456.01	455.48	455.44	455.19	452.23	456.52	455.03	454.95	453.92	453.92	453.64	450.97	454.69	454.45	453.84	453.70	454.02	449.91	450.09
01/03/2019	460.68																				
04/10/2019	462.75	462.71	461.44	460.83	460.82	460.58	457.34	460.08	459.85	459.82	459.06	459.11	458.89	456.64	459.24	459.51	458.76	458.79	459.23	456.36	455.63
10/07/2019	459.83	459.80	458.41	457.74	457.74	457.49	454.54	458.38	457.32	457.22	456.07	456.08	455.81	453.44	456.73	456.62	455.87	455.65	456.08	452.48	452.54
04/13/2020	460.51	460.48	459.10	458.45	458.43	458.24	455.62	458.57	457.81	457.73	456.72	456.72	456.48	454.95	457.23	457.27	456.60	456.37	456.86	454.69	454.81
10/05/2020	458.56	458.50	457.33	456.72	456.59	456.48	453.31	457.59	456.31	456.34	455.05	455.14	454.87	452.20	455.62	455.76	455.12	454.94	455.28	451.31	451.34
04/19/2021	459.25	459.38	458.11	457.51	457.49	457.34	455.58	457.95	456.93	456.77	455.84	455.81	455.60	454.22	456.41	456.20	456.13	455.50	455.97	454.46	454.12
10/04/2021	459.74	459.69	458.18	457.53	457.49	457.21	453.55	458.16	457.15	456.98	455.84	455.83	455.56	452.39	456.35	456.29	456.03	456.28	455.99	451.47	451.54
04/11/2022	461.83	461.75	460.36	459.67	459.66	459.27	456.63	459.97	459.06	458.89	457.85	457.85	457.57	455.54	459.08	458.64	457.73	457.39	457.92	454.42	454.70

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)							Measured Water Level (feet btc)							Measured Water Level (feet btc)			
	MW-27 cmt							MW-28 cmt							MW-30 cmt			
Screen Bottom (btc)	14.33	29.38	44.16	59.24	74.35	100.00	116.50	14.78	30.03	49.32	59.74	70.73	98.47	134.50	30.10	45.10	59.15	68.86
TOC (msl)	460.26	460.26	460.26	460.26	460.26	460.26	460.26	460.08	460.08	460.08	460.08	460.08	460.08	460.08	460.47	460.47	460.47	460.47
09/21/2011	6.56	7.46	7.71	8.04	8.14	11.15	12.60	7.75	8.44	10.14	10.69	10.75	11.94	31.27				
07/19/2012	5.62	6.44	6.74	7.14	7.22	7.42	12.95	6.64	7.43	9.32	9.95	9.92	10.33	25.45				
04/14/2014	4.57	5.34	5.58	5.90	6.03	7.59	10.31	5.76	6.31	8.04	8.60	8.61	8.68	16.67	5.35	6.15	6.21	6.51
10/20/2014	5.52	6.52	6.86	7.22	7.41	10.53	13.36	7.35	7.99	9.77	10.40	10.46	11.66	29.81	6.66	7.62	7.71	8.08
07/06/2016	6.20	7.05	7.36	7.65	7.82	10.94	13.94	7.59	8.23	9.84	10.45	10.52	11.58	24.07	7.13	7.96	8.02	8.40
08/31/2016							12.27							28.93				
09/07/2016							12.33							28.56				
09/14/2016							12.20							28.31				
09/21/2016							12.14							28.24				
03/28/2017	2.89	3.64	3.98	4.25	4.41	7.66	10.73	4.31	5.00	6.68	7.29	7.34	8.40	23.39	3.76	4.61	4.69	5.08
10/23/2017	4.63	5.75	6.19	6.51	6.76	10.87	14.63	7.10	7.72	9.45	10.16	10.24	11.62	30.13	6.03	6.99	7.12	7.56
12/06/2017	3.91	4.75	5.07	5.36	5.52	8.12	10.54	5.15	6.00	7.79	8.43	8.51	9.38	27.53	4.77	5.70	5.81	6.18
02/01/2018	3.37	4.12	4.44	4.68	4.82	6.62	8.17	4.64	5.40	7.07	7.69	7.76	8.39	25.04	4.16	5.02	5.12	5.50
04/23/2018	4.05	4.81	5.08	5.31	5.43	6.83	8.06	5.11	5.86	7.51	8.13	8.18	8.70	24.83	4.73	5.58	5.65	6.05
10/08/2018	7.10	7.99	8.34	8.54	8.72	12.36	15.68	9.03	9.47	10.91	11.50	11.56	12.79	33.47	8.11	8.66	8.83	8.87
01/03/2019																		
04/10/2019	2.13	2.73	2.99	3.16	3.32	5.69	7.40	3.48	4.07	5.65	6.26	6.31	7.17	24.15	2.88	3.95	3.68	4.62
10/07/2019*	5.14	6.10	6.46	6.71	6.83	9.62	12.02	6.66	7.41	9.12	9.79	9.83	10.97	29.40	6.14	6.94	7.13	7.33
04/13/2020	4.58	5.41	5.69	5.88	6.00	7.67	8.95	5.66	6.48	8.19	8.86	8.93	9.82	28.93	5.35	6.24	6.28	6.63
10/05/2020	6.33	7.22	7.47	7.64	7.78	10.80	13.58	7.85	8.49	10.02	10.69	10.76	11.73	31.52	7.37	8.10	8.09	8.59
04/19/2021	5.11	5.70	5.68	5.31	5.71	8.13	9.72	6.19	7.39	8.40	9.67	9.71	10.05	23.40	4.93	6.70	7.24	6.61
10/04/2021	4.00	4.01	6.16	6.73	6.14	6.21	13.40	6.60	7.60	9.48	10.25	10.29	11.32	31.79	6.42	7.39	7.48	7.99
04/11/2022	3.30	4.25	4.57	4.82	4.97	7.13	8.68	4.79	5.60	7.39	8.07	8.18	8.79	21.79	4.34	5.26	5.32	5.81

Date Measured	Groundwater Elevation (feet msl) [a]							Groundwater Elevation (feet msl) [a]							Groundwater Elevation (feet msl) [a]			
	MW-27 cmt							MW-28 cmt							MW-30 cmt			
Screen Bottom (btc) (msl)	445.93	430.88	416.10	401.02	385.91	360.26	343.76	445.30	430.05	410.76	400.34	389.35	361.61	325.58	430.37	415.37	401.32	391.61
09/21/2011	453.70	452.80	452.55	452.22	452.12	449.11	447.66	452.33	451.64	449.94	449.39	449.33	448.14	428.81				
07/19/2012	454.64	453.82	453.52	453.12	453.04	452.84	447.31	453.44	452.65	450.76	450.13	450.16	449.75	434.63				
04/14/2014	455.69	454.92	454.68	454.36	454.23	452.67	449.95	454.32	453.77	452.04	451.48	451.47	451.40	443.41	455.12	454.32	454.26	453.96
10/20/2014	454.74	453.74	453.40	453.04	452.85	449.73	446.90	452.73	452.09	450.31	449.68	449.62	448.42	430.27	453.81	452.85	452.76	452.39
07/06/2016	454.06	453.21	452.90	452.61	452.44	449.32	446.32	452.49	451.85	450.24	449.63	449.56	448.50	436.01	453.34	452.51	452.45	452.07
08/31/2016							447.99							431.15				
09/07/2016							447.93							431.52				
09/14/2016							448.06							431.77				
09/21/2016							448.12							431.84				
03/28/2017	457.37	456.62	456.28	456.01	455.85	452.60	449.53	455.77	455.08	453.40	452.79	452.74	451.68	436.69	456.71	455.86	455.78	455.39
10/23/2017	455.63	454.51	454.07	453.75	453.50	449.39	445.63	452.98	452.36	450.63	449.92	449.84	448.46	429.95	454.44	453.48	453.35	452.91
12/06/2017	456.35	455.51	455.19	454.90	454.74	452.14	449.72	454.93	454.08	452.29	451.65	451.57	450.70	432.55	455.70	454.77	454.66	454.29
02/01/2018	456.89	456.14	455.82	455.58	455.44	453.64	452.09	455.44	454.68	453.01	452.39	452.32	451.69	435.04	456.31	455.45	455.35	454.97
04/23/2018	456.21	455.45	455.18	454.95	454.83	453.43	452.20	454.97	454.22	452.57	451.95	451.90	451.38	435.25	455.74	454.89	454.82	454.42
10/08/2018	453.16	452.27	451.92	451.72	451.54	447.90	444.58	451.05	450.61	449.17	448.58	448.52	447.29	426.61	452.36	451.81	451.64	451.60
01/03/2019																		
04/10/2019	458.13	457.53	457.27	457.10	456.94	454.57	452.86	456.60	456.01	454.43	453.82	453.77	452.91	435.93	457.59	456.52	456.79	455.85
10/07/2019	455.12	454.16	453.80	453.55	453.43	450.64	448.24	453.42	452.67	450.96	450.29	450.25	449.11	430.68	454.33	453.53	453.34	453.14
04/13/2020	455.68	454.85	454.57	454.38	454.26	452.59	451.31	454.42	453.60	451.89	451.22	451.15	450.26	431.15	455.12	454.23	454.19	453.84
10/05/2020	453.93	453.04	452.79	452.62	452.48	449.46	446.68	452.23	451.59	450.06	449.39	449.32	448.35	428.56	453.10	452.37	452.38	451.88
04/19/2021	455.15	454.56	454.58	454.95	454.55	452.13	450.54	453.89	452.69	451.68	450.41	450.37	450.03	436.68	455.54	453.77	453.23	453.86
10/04/2021	456.26	456.25	454.10	453.53	454.12	454.05	446.86	453.48	452.48	450.60	449.83	449.79	448.76	428.29	454.05	453.08	452.99	452.48
04/11/2022	456.96	456.01	455.69	455.44	455.29	453.13	451.58	455.29	454.48	452.69	452.01	451.90	451.29	438.29	456.13	455.21	455.15	454.66

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)				Measured Water Level (feet btc)				Measured Water Level (feet btc)						
	MW-31 cmt				MW-32 cmt				MW-33 cmt						
Screen Bottom (btc)	32.67	46.16	57.67	69.70	29.18	44.71	59.70	67.96	15.10	30.13	44.16	60.20	72.20	98.35	115.41
TOC (msl)	460.37	460.37	460.37	460.37	460.88	460.88	460.88	460.88	458.18	458.18	458.18	458.18	458.18	458.18	458.18
09/21/2011															
07/19/2012															
04/14/2014	5.73	5.70	5.15	53.14	5.87	5.91	5.68	5.08	8.09	8.05	7.81	6.96	7.44	5.09	13.51
10/20/2014	6.72	6.76	6.28	65.16	6.46	6.95	6.66	64.50	8.82	9.50	9.63	10.00	10.33	16.12	24.57
07/06/2016	7.25	7.33	6.79	dry	7.10	7.31	7.15	dry	8.93	9.43	9.57	9.86	10.18	15.67	21.04
08/31/2016															22.81
09/07/2016															22.30
09/14/2016															22.42
09/21/2016															22.44
03/28/2017	3.92	3.91	3.46	67.70	3.80	4.03	3.88	67.33	7.21	6.86	6.59	6.71	6.97	12.25	17.99
10/23/2017	5.87	5.94	5.78	67.64	5.39	5.84	5.72	67.33	8.85	9.39	9.51	9.83	10.09	16.19	22.51
12/06/2017	5.05	5.09	4.69	67.64	5.06	5.17	4.96	67.33	7.88	7.91	7.78	8.02	8.25	13.62	20.10
02/01/2018	4.41	4.43	4.00	67.62	4.46	4.52	4.35	67.34	7.54	7.30	7.08	7.22	7.45	12.45	18.87
04/23/2018	5.14	5.16	4.65	dry	5.36	5.25	5.01	67.33	7.77	7.62	7.45	7.60	7.82	12.65	19.12
10/08/2018	8.02	8.09	8.06	67.12	7.57	7.94	7.87	67.34	9.54	10.36	10.57	10.91	11.13	17.11	23.69
01/03/2019															
04/10/2019	2.78	2.84	2.61	66.79	2.98	3.00	2.81	67.33	6.69	6.07	5.77	5.79	6.00	11.26	18.23
10/07/2019*	29.52	6.85	6.31	0.40	6.24	6.32	6.09	67.08	8.56	9.01	9.10	9.32	9.63	15.29	22.35
04/13/2020	28.36	5.66	4.96	68.29	5.87	5.63	5.40	67.37	8.14	8.23	8.16	8.35	8.57	15.23	23.42
10/05/2020	29.96	7.24	38.61	67.88	7.83	7.06	6.93	67.36	9.17	9.76	9.84	10.12	10.32	15.64	20.23
04/19/2021	6.59	6.56	5.98	37.44	6.14	6.53	6.47	65.57	8.60	8.91	8.92	9.11	9.29	14.58	20.71
10/04/2021	6.61	6.61	6.02	68.22	6.36	6.49	6.35	65.59	8.78	9.39	9.49	9.79	10.00	14.39	18.18
04/11/2022	4.33	4.42	3.93	67.68	4.36	4.43	4.29	67.32	7.70	7.65	7.51	7.70	7.90	21.56	17.41

Date Measured	Groundwater Elevation (feet msl) [a]				Groundwater Elevation (feet msl) [a]				Groundwater Elevation (feet msl) [a]						
	MW-31 cmt				MW-32 cmt				MW-33 cmt						
Screen Bottom (btc) (msl)	427.70	414.21	402.70	390.67	431.70	416.17	401.18	392.92	443.08	428.05	414.02	397.98	385.98	359.83	342.77
09/21/2011															
07/19/2012															
04/14/2014	454.64	454.67	455.22	407.23	455.01	454.97	455.20	455.80	450.09	450.13	450.37	451.22	450.74	453.09	444.67
10/20/2014	453.65	453.61	454.09	395.21	454.42	453.93	454.22	396.38	449.36	448.68	448.55	448.18	447.85	442.06	433.61
07/06/2016	453.12	453.04	453.58	dry	453.78	453.57	453.73	dry	449.25	448.75	448.61	448.32	448.00	442.51	437.14
08/31/2016															435.37
09/07/2016															435.88
09/14/2016															435.76
09/21/2016															435.74
03/28/2017	456.45	456.46	456.91	392.67	457.08	456.85	457.00	393.55	450.97	451.32	451.59	451.47	451.21	445.93	440.19
10/23/2017	454.50	454.43	454.59	392.73	455.49	455.04	455.16	393.55	449.33	448.79	448.67	448.35	448.09	441.99	435.67
12/06/2017	455.32	455.28	455.68	392.73	455.82	455.71	455.92	393.55	450.30	450.27	450.40	450.16	449.93	444.56	438.08
02/01/2018	455.96	455.94	456.37	392.75	456.42	456.36	456.53	393.54	450.64	450.88	451.10	450.96	450.73	445.73	439.31
04/23/2018	455.23	455.21	455.72	dry	455.52	455.63	455.87	393.55	450.41	450.56	450.73	450.58	450.36	445.53	439.06
10/08/2018	452.35	452.28	452.31	393.25	453.31	452.94	453.01	393.54	448.64	447.82	447.61	447.27	447.05	441.07	434.49
01/03/2019															
04/10/2019	457.59	457.53	457.76	393.58	457.90	457.88	458.07	393.55	451.49	452.11	452.41	452.39	452.18	446.92	439.95
10/07/2019	430.85	453.52	454.06	459.97	454.64	454.56	454.79	393.80	449.62	449.17	449.08	448.86	448.55	442.89	435.83
04/13/2020	432.01	454.71	455.41	392.08	455.01	455.25	455.48	393.51	450.04	449.95	450.02	449.83	449.61	442.95	434.76
10/05/2020	430.41	453.13	421.76	392.49	453.05	453.82	453.95	393.52	449.01	448.42	448.34	448.06	447.86	442.54	437.95
04/19/2021	453.78	453.81	454.39	422.93	454.74	454.35	454.41	395.31	449.58	449.27	449.26	449.07	448.89	443.60	437.47
10/04/2021	453.76	453.76	454.35	392.15	454.52	454.39	454.53	395.29	449.40	448.79	448.69	448.39	448.18	443.79	440.00
04/11/2022	456.04	455.95	456.44	392.69	456.52	456.45	456.59	393.56	450.48	450.53	450.67	450.48	450.28	436.62	440.77

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Date Measured	Measured Water Level (feet btc)							Measured Water Level (feet btc)							Measured Water Level (feet btc)						
	MW-34 cmt							MW-37 cmt							MW-38 cmt						
Screen Bottom (btc)	16.09	31.12	45.13	61.16	73.07	98.65	118.63	15.16	32.25	45.30	58.32	70.36	95.39	113.08	14.49	29.55	44.62	57.66	69.69	84.84	100.19
TOC (msl)	462.41	462.41	462.41	462.41	462.41	462.41	462.41	454.22	454.22	454.22	454.22	454.22	454.22	454.22	457.07	457.07	457.07	457.07	457.07	457.07	457.07
09/21/2011																					
07/19/2012																					
04/14/2014	11.18	10.03	9.60	9.30	9.35	10.98	10.90	7.56	8.40	8.78	9.41	9.49	51.15	50.79	5.24	7.09	7.29	8.45	8.51	8.84	8.23
10/20/2014	11.27	10.50	10.36	10.18	10.33	12.65	12.81	7.96	9.99	10.55	11.32	11.42	57.28	76.04	9.52	10.05	11.05	10.76	10.82	11.19	11.30
07/06/2016	11.65	10.91	10.77	10.61	10.85	14.17	14.61	8.43	9.79	10.34	10.96	11.06	60.41	75.56	9.29	9.92	10.76	10.73	10.80	11.03	11.45
08/31/2016							14.46							37.48							11.50
09/07/2016							21.85							36.60							11.54
09/14/2016							14.38							35.47							11.59
09/21/2016							21.80							34.62							11.64
03/28/2017	9.92	8.21	7.70	7.35	7.58	10.16	10.31	6.30	6.76	7.32	7.91	8.05	72.09	76.16	2.95	5.10	6.69	6.75	6.84	7.14	7.71
10/23/2017	10.92	9.88	9.56	9.30	9.53	12.61	12.93	8.10	9.85	10.40	11.13	11.25	88.57	90.51	8.01	8.99	10.63	10.10	10.17	10.54	11.35
12/06/2017	10.72	9.39	8.93	8.55	8.70	10.19	10.25	7.47	7.76	8.24	8.80	8.92	50.25	51.27	4.26	6.37	7.54	7.73	7.81	8.00	8.46
02/01/2018	10.35	8.80	8.35	7.82	7.96	8.63	8.64	6.85	6.96	7.33	7.75	7.87	28.54	28.98	3.30	5.41	6.52	6.71	6.77	6.89	7.14
04/23/2018	10.86	9.44	8.95	8.55	8.70	8.58	8.85	7.44	7.60	7.93	8.26	8.36	27.65	28.01	4.21	6.20	7.17	7.46	7.51	7.60	7.80
10/08/2018	11.72	11.32	11.20	11.16	11.36	14.25	14.38	9.14	10.91	11.40	12.19	12.31	85.47	87.04	10.76	11.23	11.86	11.87	11.93	12.29	13.04
01/03/2019																					
04/10/2019	9.16	7.09	6.64	6.10	6.28	7.24	7.35	6.09	5.65	5.89	6.28	6.40	32.60	33.01	2.13	4.09	5.24	5.30	5.37	5.48	5.76
10/07/2019*	11.28	10.21	9.96	9.63	9.83	11.46	11.49	8.35	9.36	9.71	10.29	10.43	56.24	57.09	8.54	9.16	9.77	9.94	9.97	10.12	10.51
04/13/2020	11.05	9.58	9.16	8.80	9.01	9.49	9.31	7.99	8.17	8.47	8.88	8.99	33.94	34.24	5.27	7.03	7.84	8.14	8.19	8.27	8.42
10/05/2020	11.55	10.62	10.45	10.30	10.57	12.73	12.85	9.04	10.23	10.71	11.27	11.42	71.94	72.20	10.14	10.56	10.66	11.12	11.16	11.41	11.88
04/19/2021	11.44	10.19	9.94	9.61	9.86	10.57	10.38	8.72	9.22	9.49	10.01	10.06	38.26	38.61	8.49	9.09	9.62	9.66	9.69	9.74	9.94
10/04/2021	10.94	9.66	9.94	9.06	10.15	13.03	13.11	8.76	9.97	10.44	11.11	11.24	86.84	39.89	9.53	10.06	10.74	10.85	10.91	11.27	11.84
04/11/2022	10.41	8.81	8.31	8.08	8.27	9.32	9.24	7.61	8.06	8.22	8.61	8.75	37.32	37.69	5.37	6.53	8.11	7.63	7.70	7.82	8.04

Date Measured	Groundwater Elevation (feet msl) [a]							Groundwater Elevation (feet msl) [a]							Groundwater Elevation (feet msl) [a]						
	MW-34 cmt							MW-37 cmt							MW-38 cmt						
Screen Bottom (btc) (msl)	446.32	431.29	417.28	401.25	389.34	363.76	343.78	439.06	421.97	408.92	395.90	383.86	358.83	341.14	442.58	427.52	412.45	399.41	387.38	372.23	356.88
09/21/2011																					
07/19/2012																					
04/14/2014	451.23	452.38	452.81	453.11	453.06	451.43	451.51	446.66	445.82	445.44	444.81	444.73	403.07	403.43	451.83	449.98	449.78	448.62	448.56	448.23	448.84
10/20/2014	451.14	451.91	452.05	452.23	452.08	449.76	449.60	446.26	444.23	443.67	442.90	442.80	396.94	378.18	447.55	447.02	446.02	446.31	446.25	445.88	445.77
07/06/2016	450.76	451.50	451.64	451.80	451.56	448.24	447.80	445.79	444.43	443.88	443.26	443.16	393.81	378.66	447.78	447.15	446.31	446.34	446.27	446.04	445.62
08/31/2016							447.95							416.74							445.57
09/07/2016							440.56							417.62							445.53
09/14/2016							448.03							418.75							445.48
09/21/2016							440.61							419.60							445.43
03/28/2017	452.49	454.20	454.71	455.06	454.83	452.25	452.10	447.92	447.46	446.90	446.31	446.17	382.13	378.06	454.12	451.97	450.38	450.32	450.23	449.93	449.36
10/23/2017	451.49	452.53	452.85	453.11	452.88	449.80	449.48	446.12	444.37	443.82	443.09	442.97	365.65	363.71	449.06	448.08	446.44	446.97	446.90	446.53	445.72
12/06/2017	451.69	453.02	453.48	453.86	453.71	452.22	452.16	446.75	446.46	445.98	445.42	445.30	403.97	402.95	452.81	450.70	449.53	449.34	449.26	449.07	448.61
02/01/2018	452.06	453.61	454.06	454.59	454.45	453.78	453.77	447.37	447.26	446.89	446.47	446.35	425.68	425.24	453.77	451.66	450.55	450.36	450.30	450.18	449.93
04/23/2018	451.55	452.97	453.46	453.86	453.71	453.83	453.56	446.78	446.62	446.29	445.96	445.86	426.57	426.21	452.86	450.87	449.90	449.61	449.56	449.47	449.27
10/08/2018	450.69	451.09	451.21	451.25	451.05	448.16	448.03	445.08	443.31	442.82	442.03	441.91	368.75	367.18	446.31	445.84	445.21	445.20	445.14	444.78	444.03
01/03/2019																					
04/10/2019	453.25	455.32	455.77	456.31	456.13	455.17	455.06	448.13	448.57	448.33	447.94	447.82	421.62	421.21	454.94	452.98	451.83	451.77	451.70	451.59	451.31
10/07/2019	451.13	452.20	452.45	452.78	452.58	450.95	450.92	445.87	444.86	444.51	443.93	443.79	397.98	397.13	448.53	447.91	447.30	447.13	447.10	446.95	446.56
04/13/2020	451.36	452.83	453.25	453.61	453.40	452.92	453.10	446.23	446.05	445.75	445.34	445.23	420.28	419.98	451.80	450.04	449.23	448.93	448.88	448.80	448.65
10/05/2020	450.86	451.79	451.96	452.11	451.84	449.68	449.56	445.18	443.99	443.51	442.95	442.80	382.28	382.02	446.93	446.51	446.41	445.95	445.91	445.66	445.19
04/19/2021	450.97	452.22	452.47	452.80	452.55	451.84	452.03	445.50	445.00	444.73	444.21	444.16	415.96	415.61	448.58	447.98	447.45	447.41	447.38	447.33	447.13
10/04/2021	451.47	452.75	452.47	453.35	452.26	449.38	449.30	445.46	444.25	443.78	443.11	442.98	367.38	414.33	447.54	447.01	446.33	446.22	446.16	445.80	445.23
04/11/2022	452.00	453.60	454.10	454.33	454.14	453.09	453.17	446.61	446.16	446.00	445.61	445.47	416.90	416.53	451.70	450.54	448.96	449.44	449.37	449.25	449.03

Table 4
Groundwater Elevation Data - CMT Wells
Former Springvilla Dry Cleaner
Springfield, Oregon

Notes:
[a] Vertical Datum: NAVD(88) - by Statewide Land Surveying (Aug 2011, Jan 2014)
btc = Below Top of Casing
Screen length is 0.5 feet
* MW-31 CMT water levels measured 10/14/2019
msl = Mean Sea Level
TOC = Top of Casing

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-1s	10 - 25	10/04/1999	140	6.4	2.8	-	149
(IN-4s)		02/07/2000	120	2.8	1.1	-	124
		05/02/2000	160	4.8	2.1	-	167
		04/19/2001	140	3.5	1.2	-	145
		07/18/2001	79	3.3	1.4	-	84
		08/21/2002	40	2.0	1 U	-	42
		01/14/2005	36	1.1	1 U	1 U	37
		04/21/2005	30	1 U	1 U	-	30
		07/18/2005	31	1 U	1 U	1 U	31
		10/13/2005	28	1.1	1 U	-	29
		01/17/2006	18	1 U	1 U	1 U	18
		07/10/2006	22	1 U	1 U	1 U	22
		01/23/2007	11	1 U	1 U	-	11
		08/29/2007	14	1 U	1 U	1 U	14
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		04/06/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-2s	10 - 25	10/13/2005	16	1 U	1 U	-	16
		01/16/2006	11	1 U	1 U	1 U	11
		07/10/2006	11	1 U	1 U	1 U	11
		01/22/2007	3.0	1 U	1 U	-	3.0
		08/30/2007	5.9	1 U	1 U	1 U	5.9
		07/08/2008	1.5	0.5 U	2.4	0.5 U	3.9
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/22/2010	1 U	1 U	1 U	1 U	1 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-3s	10 - 25	10/04/1999	620	11	1 U	-	631
(EX-2s)		02/07/2000	420	1.9	1 U	-	422
		05/02/2000	570	3.4	1 U	-	573
		04/19/2001	420	2.5	1 U	-	423
		07/18/2001	610	10 U	10 U	-	610
		08/22/2002	690	9.0	1 U	-	699
		06/24/2003	380	2.9	1 U	-	383
		01/05/2004	330	2.6	1 U	-	333
		04/12/2004	302	2.3	2 U	-	304

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-3s (cont'd)	10 - 25	10/12/2004	310	2.3	1 U	1 U	312
		01/14/2005	290	2.3	1 U	1 U	292
		04/21/2005	320	2.8	1 U	-	323
		10/13/2005	380	1 U	1 U	-	380
		11/21/2005	300	2.7	1 U	-	303
		01/16/2006	350	10 U	10 U	10 U	350
		07/10/2006	260	10 U	10 U	10 U	260
		01/22/2007	290	10 U	10 U	-	290
		08/29/2007	246	2.2	2 U	2 U	248
		10/03/2007	227	3.2	2 U	2 U	230
		11/07/2007	204	3 U	3 U	3 U	204
		12/06/2007	255	3.8	3 U	3 U	259
		01/09/2008	267	5 U	5 U	5 U	267
		02/14/2008	664	12	3 U	3 U	676
		03/12/2008	602	20 U	20 U	20 U	602
		04/10/2008	584	20 U	20 U	20 U	584
		05/12/2008	593	16	11	3 U	620
		07/09/2008	494	14	13	10 U	521
		09/10/2008	310	5 U	5 U	5 U	310
		12/02/2008	428	13	18	3 U	459
		04/07/2009	5 U	5 U	5 U	7.3	7.3
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	1 U	1 U	1 U	1 U	1 U
		04/15/2014	0.5 U	0.5 U	0.5 U	0.56	0.56
		07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/04/2017	0.5 U	0.5 U	0.5 U	0.87	0.87
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.64	0.64
		04/16/2020	0.5 U	0.5 U	0.5 U	0.55	0.55
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.93	0.93
		10/08/2021	0.5 U	0.5 U	0.5 U	0.90	0.90
		04/15/2022	0.5 U	0.5 U	0.5 U	0.68	0.68
MW-4s	10 - 25	02/07/2000	19	1 U	1 U	-	19
		05/02/2000	19	1 U	1 U	-	19
		04/19/2001	8.5	1 U	1 U	-	8.5
		07/18/2001	15	0.5 U	0.5 U	-	15
		06/24/2003	10	1 U	1 U	-	10
		01/05/2004	3.9	1 U	1 U	-	3.9
		04/12/2004	9.0	1 U	1 U	-	9.0
		10/12/2004	3.7	1 U	1 U	1 U	3.7
		02/25/2005	8.4	1 U	1 U	-	8.4
		04/20/2005	7.7	1 U	1 U	-	7.7
		10/13/2005	5 U	1 U	1 U	-	5 U
		11/21/2005	1.8	1 U	1 U	-	1.8
		01/16/2006	3.1	1 U	1 U	1 U	3.1
		07/10/2006	3.3	1 U	1 U	1 U	3.3
		01/23/2007	3.2	1 U	1 U	-	3.2
		08/30/2007	1.8	1 U	1 U	1 U	1.8
		07/08/2008	2.6	0.5 U	0.5 U	0.5 U	2.6
		07/01/2009	6.5	1 U	1 U	1 U	6.5

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-4s (cont'd)	10 - 25	04/04/2010	12	1 U	1 U	1 UJ	12
		10/21/2010	3.1	1 U	1 U	1 U	3.1
		04/05/2011	6.4	1 U	1 U	1 U	6.4
MW-5s	10 - 25	02/07/2000	3.0	1 U	1 U	-	3.0
		05/02/2000	3.2	1 U	1 U	-	3.2
		04/19/2001	1 U	1 U	1 U	-	1 U
		07/18/2001	8.6	0.5 U	0.5 U	-	8.6
		08/21/2002	1 U	9.4	1 U	-	9.4
		06/24/2003	1 U	1 U	1 U	-	1 U
		01/05/2004	1 U	1 U	1 U	-	1 U
		04/12/2004	1 U	1 U	1 U	-	1 U
		10/12/2004	1 U	1 U	1 U	1 U	1 U
		02/25/2005	2.2	1 U	1 U	1 U	2.2
		04/20/2005	1.6	1 U	1 U	-	1.6
		07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/22/2010	1 U	1 U	1 U	1 U	1 U
		04/06/2011	1 U	1 U	1 U	1 U	1 U
MW-6s	15 - 25	07/18/2001	9.9	0.5 U	0.5 U	-	9.9
		08/21/2002	1 U	1 U	1 U	-	1 U
		07/08/2008	0.89	0.5 U	0.5 U	0.5 U	0.89
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/22/2010	0.50 J	1 U	1 U	1 U	0.50
		04/05/2011	1 U	1 U	1 U	1 U	1 U
MW-7i	50 - 70	07/18/2001	83	2.9	1.7	-	88
		08/21/2002	63	2.3	1.2	-	67
		07/08/2008	38	0.96	1.4	1.1	42
		07/01/2009	36	1.2	6.1	1.0	44
		10/22/2010	1 U	2.0	6.7	1.9	11
MW-9i	50 - 70	07/18/2001	49	2.1	1.1	-	52
		08/22/2002	24	1.9	1.0	-	27
		07/18/2005	12	1 U	1 U	1 U	12
		10/13/2005	13	100	1 U	-	113
		01/17/2006	12	1.1	1 U	1 U	13
		07/11/2006	11	1.1	1 U	1 U	12
		01/23/2007	9.2	1 U	1 U	-	9.2
		08/29/2007	6.5	1.2	1 U	1 U	7.7
		07/01/2009	6.4	1 U	1 U	1 U	6.4
		10/22/2010	1.4	1 U	1 U	3.4	4.8
MW-10s	15 - 25	07/18/2001	65	2.0	1 U	-	67
		08/21/2002	16	3.5	1.2	-	21
		06/24/2003	1 U	1 U	1 U	-	1 U
		01/06/2004	2.7	1 U	1 U	-	2.7
		04/12/2004	1 U	1 U	1 U	-	1 U
		10/12/2004	1 U	1 U	1 U	1 U	1 U
		02/25/2005	2.5	1.2	1 U	1 U	3.7
		04/21/2005	2.2	1.1	1 U	-	3.3
		10/13/2005	2.2	1.2	1 U	-	3.4
		01/16/2006	2.2	1.2	1 U	1 U	3.4
		07/10/2006	1 U	1 U	1 U	1 U	1 U
		01/22/2007	1 U	1 U	1 U	-	1 U
		08/30/2007	1 U	1 U	1 U	1 U	1 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-10s (cont'd)	15 - 25	07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
MW-11i	50 - 70	07/18/2001	77	2.5	0.5 U	-	80
		08/21/2002	66	2.2	1 U	-	68
		06/24/2003	100	2.1	1 U	-	102
		01/06/2004	110	1.9	1 U	-	112
		04/12/2004	125	1.9	1 U	-	127
		10/12/2004	32	1.1	1 U	1 U	33
		02/25/2005	150	2.2	1 U	1 U	152
		04/21/2005	140	1.9	1 U	-	142
		07/18/2005	120	1.8	1 U	1 U	122
		07/08/2008	117	1.6	0.5 U	0.5 U	119
		07/01/2009	5.4	9.7	1 U	1 U	15
		10/22/2010	2.8	1.2	7.3	3.8	15
MW-12s	15 - 25	07/18/2001	1 U	1 U	1 U	-	1 U
		08/21/2002	1 U	1 U	1 U	-	1 U
		07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
MW-14i	40 - 60	07/18/2001	1,200	9.5	3 U	-	1,210
		08/22/2002	800	7.2	1.0	-	808
		06/24/2003	720	2.1	1.0	-	723
		01/05/2004	760	9.4	1.1	-	771
		04/12/2004	781	7.5	5 U	-	788
		10/12/2004	690	7.4	1 U	1 U	697
		02/25/2005	930	7.6	1 U	1 U	938
		04/20/2005	770	10 U	10 U	-	770
		10/13/2005	780	7.8	1 U	-	788
		01/16/2006	950	50 U	50 U	50 U	950
		07/10/2006	720	50 U	50 U	50 U	720
		01/22/2007	720	50 U	50 U	-	720
		08/30/2007	745	10 U	10 U	10 U	745
		07/08/2008	567	10 U	10 U	10 U	567
		05/06/2009	10 U	10 U	10 U	269	269
		07/01/2009	1 U	1 U	350	12	362
		10/07/2009	230	160	87	37	514
		04/01/2010	47	31	160	98	336
		10/21/2010	470	51	41	7.8	570
		04/06/2011	420	26	14	7.4	467
MW-16s	20 - 30	07/18/2001	1,500	31	25 U	-	1,531
(EX-3s)		06/24/2003	1,100	38	8.1	-	1,146
		01/05/2004	1,800	42	10	-	1,852
		04/12/2004	1,250	40	10 U	-	1,290
		10/12/2004	1,200	48	5.9	1 U	1,254
		01/14/2005	1,500	47	6.8	1 U	1,554
		04/21/2005	1,300	44	10 U	-	1,344
		07/18/2005	1,100	49	10 U	10 U	1,149
		10/13/2005	1,500	71	8.1	-	1,579
		01/16/2006	1,500	100 U	100 U	100 U	1,500
		07/10/2006	1,200	100 U	100 U	100 U	1,200
		01/23/2007	1,500	56	50 U	-	1,556
		08/29/2007	814	64	15	10 U	893
		10/03/2007	637	21	6.5	5 U	664
		11/07/2007	793	17	10 U	10 U	810

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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-16s (cont'd)	20 - 30	12/06/2007	782	17	5 U	5 U	799
		01/09/2008	767	15	5 U	5 U	782
		02/14/2008	743	18	7.7	3 U	769
		03/12/2008	972	20 U	20 U	20 U	972
		04/10/2008	647	20 U	20 U	20 U	647
		05/12/2008	588	16	10 U	10 U	604
		07/09/2008	487	12	21	10 U	520
		09/10/2008	626	28	39	10 U	693
		12/02/2008	492	16	25	11	544
		04/07/2009	41	11	104	66	222
		07/01/2009	33	14	150	52	249
		10/07/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	3.3 J	3.3
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	0.48 J	2.8	6.2	9.5
		08/01/2012	4.6	14	14	14	47
		04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/15/2016	0.5 U	0.5 U	0.95	1.2	2.2
		04/04/2017	0.5 U	2.6	54	110	171
		10/27/2017	0.5 U	0.5 U	1.2	2.4	3.6
		04/30/2018	0.5 U	0.5 U	9.3	17	26
		10/16/2018	0.5 U	0.5 U	1.4	2.8	4.2
		04/12/2019	0.5 U	3.8	56	52	117
		10/08/2019	0.5 U	0.5 U	2.9	3.4	6.4
		04/16/2020	0.5 U	3.0	25	19	48
		10/09/2020	0.5 U	0.73	6.2	6.3 J	13
		04/23/2021	0.5 U	0.5 U	28	41	71
		10/08/2021	0.5 U	0.5 U	2.9	3.1	6.0
		04/15/2022	0.5 U	0.5 U	11	26	37
MW-17i	50 - 70	07/18/2001	1,200	11	0.5 U	-	1,211
(EX-6i)		08/22/2002	490	7.7	2.1	-	500
		06/24/2003	350	6.2	2.4	-	359
		01/05/2004	660	12	4.1	-	676
		04/12/2004	335	6.7	2.6	-	344
		10/12/2004	680	12	4.0	1 U	696
		02/25/2005	470	7.8	2.8	1 U	481
		04/20/2005	270	10 U	10 U	-	270
		07/18/2005	260	5.5	5 U	5 U	266
		10/13/2005	230	4.9	1.6	-	237
		01/16/2006	250	10 U	10 U	10 U	250
		07/10/2006	230	10 U	10 U	10 U	230
		01/23/2007	200	10 U	10 U	-	200
		08/29/2007	146	3.5	1 U	1 U	149
		10/03/2007	276	4.4	2 U	2 U	280
		11/07/2007	211	6.9	3 U	3 U	218
		12/06/2007	211	8.8	3.7	1 U	224
		01/09/2008	108	20	5.0	5 U	133
		02/14/2008	228	13	20	1 U	261
		03/12/2008	237	12	30	5 U	279
		04/10/2008	219	17	35	10 U	271
		05/12/2008	203	14	40	9.5	267
		06/05/2008	198	11	37	10	257
		07/09/2008	179	11	40	13	242
		08/06/2008	222	35 J	47	13	317
		09/10/2008	95	35	59	14	203
		10/06/2008	40	10	74	35	159

Table 5
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Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-17i (cont'd)	50 - 70	11/12/2008	5 U	10	528	25	563
		12/02/2008	87	68	56	17	228
		03/10/2009	67	31	75	22	195
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	1 U	1 U	2.8	2.7	5.5
		04/15/2014	0.5 U	0.5 U	40	46	92
		07/15/2016	0.5 U	3.6	60	62	136
		04/04/2017	0.5 U	0.5 U	6.1	10	17
		10/27/2017	0.76	21	54	42	126
		04/30/2018	0.5 U	0.5 U	5.3	28	34
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	5.6	31	33	74
		04/16/2020	0.5 U	0.5 U	1.2	1.5	2.6
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	2.5	9.3	8.8	21
		04/15/2022	0.5 U	0.5 U	3.5	9.1	13
MW-21i	50 - 70	07/18/2001	2,000	17	1.1	-	2,018
(EX-4i)		08/22/2002	1,100	11	1.1	-	1,112
		06/24/2003	860	9.0	1.0	-	870
		01/05/2004	680	7.9	1.0	-	689
		04/12/2004	701	7.7	5 U	-	709
		10/12/2004	1,600	15	1.3	1 U	1,616
		02/25/2005	890	8.7	1 U	1 U	899
		04/20/2005	790	10 U	10 U	-	790
		07/18/2005	770	10 U	10 U	5 U	770
		10/13/2005	870	9.6	1 U	-	880
		01/16/2006	770	50 U	50 U	50 U	770
		07/11/2006	730	50 U	50 U	50 U	730
		01/23/2007	600	50 U	50 U	-	600
		08/29/2007	604	7.0	5 U	5 U	611
		10/03/2007	913	11	10 U	10 U	924
		11/07/2007	501	5.3	5 U	5 U	506
		12/06/2007	852	9.7	5 U	5 U	862
		01/09/2008	519	8.3	5 U	5 U	527
		02/14/2008	473	7.4	7.7	3 U	488
		03/12/2008	455	20 U	20 U	20 U	455
		04/10/2008	519	10	10 U	10 U	529
		05/12/2008	483	7.4	6.7	5 U	497
		07/09/2008	413	10 U	10 U	10	423
		09/10/2008	368	10	23	5.8	407
		12/02/2008	313	11	13	4.3	341
		02/18/2009	335	10	14	5 U	359
		03/10/2009	374	11	17	5.0	406
		04/07/2009	347	12	14	10 U	373
		05/06/2009	282	12	15	10 U	309
		07/01/2009	21	7.3	1,200	48	1,276
		10/07/2009	1 U	1 U	24	100	124
		04/01/2010	1 U	1 U	1 U	1.8 J	1.8
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	0.40 J	1 U	0.55 J	0.95
		08/01/2012	1 U	1 U	1 U	1 U	1 U

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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-21i (cont'd)	50 - 70	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/15/2016	0.5 U	7.0	12	7.7	27
		04/04/2017	0.5 U	3.6	8.5	8.8	22
		10/27/2017	0.5 U	4.1	9.3	8.0	22
		04/30/2018	0.5 U	1.4	7.5	12	22
		10/16/2018	0.5 U	6.2	17	14	39
		04/12/2019	0.5 U	4.6	21	22	51
		10/08/2019	0.5 U	19	34	26	83
		04/16/2020	0.5 U	12	44	28	86
		10/09/2020	0.5 U	17	41	23 J	84
		04/23/2021	0.5 U	11	37	31	81
		10/08/2021	1.5	24	65	37	131
		04/15/2022	0.5 U	3.2	73	32	112
MW-22s	15 - 25	07/18/2001	1,300	25 U	25 U	-	1,300
(EX-1s)		06/24/2003	300	1.2	1 U	-	301
		01/05/2004	420	2.1	1 U	-	422
		04/12/2004	364	5 U	5 U	-	364
		10/12/2004	240	1 U	1 U	1 U	240
		01/13/2005	260	1.2	1 U	1 U	261
		04/21/2005	230	1.0	1 U	-	231
		07/18/2005	160	5 U	5 U	5 U	160
		10/13/2005	250	1.1	1 U	-	251
		11/21/2005	92	1 U	1 U	-	92
		01/17/2006	450	10 U	10 U	10 U	450
		07/11/2006	140	10 U	10 U	10 U	140
		01/23/2007	360	10 U	10 U	-	360
		08/29/2007	139	1 U	1 U	1 U	139
		10/03/2007	77	1 U	1 U	1 U	77
		11/07/2007	167	1.1	1 U	1 U	168
		12/06/2007	239	3 U	3 U	3 U	239
		01/09/2008	509	5 U	5 U	5 U	509
		02/14/2008	1,130	5.2	5 U	5 U	1,135
		03/12/2008	1,150	20 U	20 U	20 U	1,150
		04/10/2008	1,300	50 U	50 U	50 U	1,300
		05/12/2008	1,240	13	10	1 U	1,264
		07/09/2008	747	21	38	10 U	805
		09/10/2008	813	18	71	10 U	902
		12/02/2008	493	14	80	5 U	587
		04/07/2009	143	584	378	10 U	1,105
		07/01/2009	460	56	220	1.6	738
		10/07/2009	270	34	40	1 U	344
		04/01/2010	580	29	66	3.1 J	678
		10/22/2010	180	14	16	1.5	212
		04/05/2011	560	13	29	1.6	604
		08/01/2012	150	8.2	13	0.62	172
		04/16/2014	110	4.0	8.2	0.5 U	122
(duplicate)		04/16/2014	100	12 U	12 U	12 U	100
		07/15/2016	26	1.5	1.7	0.5 U	29
		04/04/2017	101	3.0	3.9	0.5 U	108
		10/27/2017	20	1.0 J	0.96	0.5 U	22
		04/30/2018	68	2.2	2.8	0.5 U	73
		10/16/2018	13	0.86 J	0.76	0.5 U	15
		04/12/2019	48	1.7	2.4	0.5 U	52
		10/08/2019	16	0.5 U	0.5 U	0.5 U	16
		04/16/2020	46	1.2	1.8	0.5 U	49
		10/09/2020	12	0.52	0.59	0.5 UJ	13

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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-22s (cont'd)	15 - 25	04/23/2021	36	1.4	1.6	0.5 U	39
		10/08/2021	7.0	0.5 U	0.5 U	0.5 U	7.0
		04/15/2022	27	1.2	1.3	0.5 U	29
MW-23s	10 - 25	12/08/2010	110	5.7	20	7.2	143
		04/05/2011	92	4.8	14	3.8	115
MW-29s	10 - 20	08/01/2012	4.2	0.5 U	0.66	0.5 U	4.9
		04/15/2014	0.5 U	0.5 U	1.4	0.5 U	1.4
		07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/04/2017	0.5 U	0.5 U	1.1	0.5 U	1.1
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.53	0.5 U	0.53
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.52	0.5 U	0.5 U	0.5 U	0.52
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-35i	40 - 55 (42)	04/15/2014	2.7	2.0	2.2	0.5 U	6.9
	40 - 55 (48)	04/15/2014	4.5	2.1	2.6	0.5 U	9.2
	40 - 55 (54)	04/15/2014	6.5	1.0	3.4	0.52	11
	40 - 55 (48)	10/21/2014	7.4	1.2	3.8	0.56	13
		07/14/2016	14	1.8	5.6	0.52	22
		04/06/2017	15	1.8	5.2	0.5 UJ	22
MW-94 (dup)		04/06/2017	15	1.8	5.3	0.5 UJ	22
		10/25/2017	14	1.9	6.3	0.5 U	22
MW-98 (dup)		10/25/2017	18	2.1	6.4	0.5 U	27
		04/24/2018	8.2	1.4	4.4	0.5 U	14
		10/10/2018	13	2.4	7.5	0.54	23
		04/16/2019	11	1.7	5.7	0.5 U	19
		10/10/2019	12	2.5	6.8	0.5 U	22
		04/21/2020	19	2.6	8.0	0.5 U	30
		10/12/2020	13	2.1	7.8	0.51 J	23
		04/21/2021	13	2.8	8.6	0.75	26
		10/11/2021	18	2.7	8.5	0.67	30
		04/13/2022	15	2.5	8.6	0.5 U	26
MW-36s	30 - 45	04/15/2014	23	1.8	0.5 U	0.5 U	25
		10/23/2014	20	4.5	3.4	0.5 U	28
		07/15/2016	12	5.4	34	5 U	52
MW-95 (dup)		07/15/2016	13	6.1	37	5 U	56
		04/06/2017	51	7.7	21	0.5 U	80
		10/30/2017	64	7.1	11	0.5 U	83
		04/30/2018	48	10	24	0.5 U	82
		10/17/2018	74	6.0	10	0.5 U	90
		04/18/2019	66	6.8	9.7	0.5 U	82
		10/08/2019	72	9.4	13	0.5 U	94
		04/15/2020	76	8.8	14	0.5 U	99
		10/09/2020	55	8.1	19	0.5 UJ	82
		04/26/2021	62	12 J	25	0.5 U	99
		10/07/2021	67	8.6	13	0.5 U	89
		04/18/2022	74	11	19	0.5 U	104

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-36i	50 - 65	04/15/2014	35	1.7	0.5 U	0.5 U	37
		10/23/2014	30	2.4	0.5 U	0.5 U	32
		07/15/2016	23	12	82	0.79	118
		04/06/2017	159	5.6	10	0.5 UJ	175
		10/30/2017	98	9.4	28	0.5 U	135
		04/30/2018	143	12	22	0.5 U	176
		10/17/2018	126	7.3	23	0.64	157
		04/18/2019	114	14	22	0.60	150
		10/08/2019	104	12	20	0.55	137
		04/15/2020	176	5.4	11	0.5 U	193
		10/09/2020	169	6.5	17	0.58 J	193
		04/26/2021	178	6.7 J	11	0.5 U	196
		10/07/2021	147	16	15	0.84	179
		04/18/2022	129	12	16	0.5 U	157
MW-95 (dup)		04/18/2022	127	12	17	0.5 U	156
MW-39s	6 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-39d	95 - 110	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/30/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	2.7	0.5 U	0.5 U	2.7
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-40i	30 - 50	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-41s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-41i	Top	07/18/2016	1.2	0.5 U	0.5 U	0.5 U	1.2
	Middle	07/18/2016	1.1	0.5 U	0.5 U	0.5 U	1.1
MW-94 (dup)	Middle	07/18/2016	1.2	0.5 U	0.5 U	0.5 U	1.2
	Bottom	07/18/2016	0.65	0.5 U	0.5 U	0.5 U	0.65
	40 - 60	04/06/2017	0.57	0.5 U	0.5 U	0.5 U	0.57
		10/27/2017	1.1	0.5 U	0.5 U	0.5 U	1.1
		04/26/2018	1.0	0.5 U	0.5 U	0.5 U	1.0
		10/16/2018	1.2	0.5 U	0.5 U	0.5 U	1.2
		04/18/2019	1.2	0.78	0.5 U	0.5 U	2.5
		10/08/2019	1.1	0.5 U	0.5 U	0.5 U	1.1
		04/16/2020	1.5	0.5 U	0.5 U	0.5 U	1.5
		10/09/2020	1.3	0.5 U	0.5 U	0.5 UJ	1.3
		04/26/2021	1.6	0.5 U	0.5 U	0.5 U	1.6
		10/07/2021	1.5	0.5 U	0.5 U	0.5 U	1.5
		04/18/2022	1.9	0.5 U	0.5 U	0.5 U	1.9
MW-96 (dup)		04/18/2022	1.9	0.5 U	0.5 U	0.5 U	1.9
MW-41d	85 - 95	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-42s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-42s (cont'd)	5 - 15	04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-42i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.65	0.5 U	0.5 U	0.5 U	0.65
	40 - 60	04/06/2017	0.75	0.5 U	0.5 U	0.5 U	0.75
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	1.0	0.56	0.5 U	0.5 U	1.6
		04/17/2019	1.3	0.57	0.5 U	0.5 U	1.8
		10/08/2019	1.5	0.62	0.5 U	0.5 U	2.1
		04/17/2020	2.4	0.80	0.5 U	0.5 U	3.2
		10/06/2020	2.0	0.76	0.5 U	0.5 U	2.7
		04/26/2021	2.0	0.89	0.5 U	0.5 U	2.9
		10/05/2021	2.2	1.0 J	0.5 U	0.5 U	3.2
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-42d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-43s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/23/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-43i	Top	07/18/2016	0.72	0.5 U	0.5 U	0.5 U	0.72
	Middle	07/18/2016	1.1	0.5 U	0.5 U	0.5 U	1.1
	Bottom	07/18/2016	0.91	0.5 U	0.5 U	0.5 U	0.91
	40 - 60	04/06/2017	5.1	0.5 U	0.5 U	0.5 U	5.1
		10/26/2017	0.82	0.5 U	0.5 U	0.5 U	0.82
		04/26/2018	3.5	0.5 U	0.5 U	0.5 U	3.5
		10/17/2018	0.84	0.5 U	0.5 U	0.5 U	0.84
MW-96 (dup)		10/17/2018	1.6	0.5 U	0.5 U	0.5 U	1.6
		04/23/2019	4.7	0.5 U	0.5 U	0.5 UJ	4.7
		10/08/2019	0.86	0.5 U	0.5 U	0.5 U	0.86
		04/16/2020	1.9	0.5 U	0.5 U	0.5 U	1.9
		10/06/2020	0.79	0.5 U	0.5 U	0.5 U	0.79
		04/26/2021	2.9	0.5 U	0.5 U	0.5 U	2.9
		10/05/2021	0.70	0.5 U	0.5 U	0.5 U	0.70
		04/18/2022	4.3	0.5 U	0.5 U	0.5 U	4.3
MW-43d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/23/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Former Springvilla Dry Cleaner
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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-43d (cont'd)	105 - 115	10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-44s	5 - 15	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-44i	Top	07/15/2016	5.4	0.60	0.5 U	0.5 U	6.0
	Middle	07/15/2016	6.0	0.65	0.5 U	0.5 U	6.6
	Bottom	07/15/2016	5.7	0.65	0.5 U	0.5 U	6.4
	40 - 60	04/06/2017	2.4	0.5 U	0.5 U	0.5 U	2.4
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	2.2 J	0.5 U	0.5 U	0.5 U	2.2
		10/10/2018	3.7	0.63	0.5 U	0.5 U	4.3
		04/17/2019	2.5	0.5 U	0.5 U	0.5 U	2.5
		10/09/2019	3.7	0.5 U	0.5 U	0.5 U	3.7
		04/20/2020	3.7	0.5 U	0.5 U	0.5 U	3.7
		10/12/2020	4.9	0.73	0.5 U	0.5 UJ	5.7
		04/20/2021	3.3	0.5 U	0.5 U	0.5 U	3.3
		10/11/2021	6.5	0.84	0.5 U	0.5 U	7.3
		04/12/2022	2.9	0.5 U	0.5 U	0.5 U	2.9
MW-44d	105 - 115	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	3.8 J	0.60 J	0.5 U	0.5 U	4.4
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-45s	5 - 15	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	1.5 J	0.5 U	0.5 U	0.5 U	1.5
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/16/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/23/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/05/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-45i	Top	07/15/2016	2.0	0.5 U	0.5 U	0.5 U	2.0
	Middle	07/15/2016	1.9	0.5 U	0.5 U	0.5 U	1.9
	Bottom	07/15/2016	2.0	0.5 U	0.5 U	0.5 U	2.0
	40 - 60	04/06/2017	2.8	0.5 U	0.5 U	0.5 U	2.8
MW-95 (dup)		04/06/2017	2.8	0.5 U	0.5 U	0.5 U	2.8
		10/18/2017	1.1 J	0.5 U	0.5 U	0.5 U	1.1
		04/26/2018	1.4	0.5 U	0.5 U	0.5 U	1.4
		10/16/2018	1.7	0.5 U	0.5 U	0.5 U	1.7
		04/17/2019	2.6	0.5 U	0.5 U	0.5 U	2.6
		10/08/2019	2.5	0.5 U	0.5 U	0.5 U	2.5
		04/16/2020	2.9	0.5 U	0.5 U	0.5 U	2.9
		10/09/2020	2.5 J	0.5 U	0.5 U	0.5 UJ	2.5
		04/23/2021	2.0	0.5 U	0.5 U	0.5 U	2.0
		10/05/2021	1.8	0.5 U	0.5 U	0.5 U	1.8
		04/18/2022	3.7	0.5 U	0.5 U	0.5 U	3.7
MW-45d	105 - 115	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-46s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-46i	Top	07/18/2016	0.55	0.5 U	0.5 U	0.5 U	0.55
	Middle	07/18/2016	0.54	0.5 U	0.5 U	0.5 U	0.54
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	0.69 J	0.5 U	0.5 U	0.5 U	0.69
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.77	0.5 U	0.5 U	0.5 U	0.77
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.96	0.5 U	0.5 U	0.5 U	0.96
		04/17/2020	0.54	0.5 U	0.5 U	0.5 U	0.54
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-46d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/18/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
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Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-46d (cont'd)	105 - 115	10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-47s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-47i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-47d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-48s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/08/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
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Former Springvilla Dry Cleaner
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Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-48s (cont'd)	5 - 15	04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-48i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-92 (dup)	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-48d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)		10/27/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/13/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/26/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-49s	5 - 15	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.51 J	0.5 U	0.5 U	0.5 U	0.51
		10/17/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/08/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-49i	Top	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-93 (dup)	Middle	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	Bottom	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	40 - 60	04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/17/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-49i (cont'd)	40 - 60	10/10/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/16/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/09/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
		04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-49d	105 - 115	07/18/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/06/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-50s	5 - 15	07/18/2016	137	5.7	6.6	0.5 U	149
		04/06/2017	18	3.3	4.8	0.5 U	26
		10/26/2017	14	4.7	7.9	0.5 U	27
		04/26/2018	31	3.7	4.9	0.5 U	39
		10/17/2018	17	3.6	7.1	0.5 U	28
		04/17/2019	17	0.64	0.75	0.5 U	18
		10/08/2019	40	5.5	6.6	0.5 U	52
		04/17/2020	52	6.4	12	0.5 U	71
		10/09/2020	26	3.1	4.6	0.5 UJ	34
MW-96 (dup)		10/09/2020	27	3.1	4.6	0.5 UJ	34
		04/26/2021	56	6.3	7.1	0.5 U	70
MW-95 (dup)		04/26/2021	55	6.2	6.8	0.5 U	68
		10/05/2021	21	3.2 J	2.9	0.5 U	27
MW-99 (dup)		10/05/2021	21	3.1 J	2.7	0.5 U	27
		04/18/2022	29	2.6	3.2	0.5 U	35
DEQ-1d	80 - 90	08/22/2002	150	2.1	1 U	-	152
		06/24/2003	140	1.6	1 U	-	142
		01/06/2004	85	1.1	1 U	-	86
		04/12/2004	119	1.2	1 U	-	120
		10/12/2004	25	1 U	1 U	1 U	25
		02/25/2005	150	1.4	1 U	1 U	151
		04/20/2005	110	1.2	1 U	-	111
		10/13/2005	130	1.5	1 U	-	132
		01/16/2006	110	10 U	10 U	10 U	110
		07/10/2006	140	10 U	10 U	10 U	140
		01/22/2007	92	10 U	10 U	-	92
		08/30/2007	128	1.2	1 U	1 U	129
		07/08/2008	146	1.4	1.9	0.5 U	149
		07/01/2009	4.8	1 U	12	1 U	17
		04/01/2010	8.2	1 U	34	1 U	42
		04/05/2011	3.4	2.5	18	2.8	27
		08/01/2012	3.7	13	19	1.6	37
		04/15/2014	1.2	3.3	3.7	0.5 U	8.2
		07/14/2016	7.2	2.0	2.6	0.5 U	12
		04/04/2017	6.6	1.6	1.8	0.5 U	10
		10/27/2017	9.9	2.3	2.3	0.5 U	14
		04/30/2018	7.0	1.5	1.8	0.5 U	10
		10/16/2018	6.8	3.3	2.7	0.5 U	13
		04/12/2019	5.1	1.2	1.3	0.5 U	7.7
		10/08/2019	8.7	1.9	2.2	0.5 U	13
		04/16/2020	7.6	1.5	1.9	0.5 U	11
MW-97 (dup)		04/16/2020	7.5	1.5	2.0	0.5 U	11

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
DEQ-1d (cont'd)	80 - 90	10/09/2020	6.7	1.8	2.4	0.5 UJ	11
		04/23/2021	5.9	1.7	1.8	0.5 U	9.4
		10/08/2021	6.6	2.0	2.0	0.5 U	11
		04/15/2022	5.0	1.7	1.9	0.5 U	8.6
DEQ-2i	50 - 70	08/22/2002	1,100	10	1.6	-	1,112
		06/24/2003	690	8.0	1.6	-	700
		01/05/2004	520	7.6	1.3	-	529
		04/12/2004	478	6.3	5 U	-	484
		10/12/2004	420	1 U	1 U	1 U	420
		01/13/2005	190	2.6	1 U	1 U	193
		04/20/2005	380	5.3	1.1	-	386
		07/18/2005	350	10 U	10 U	10 U	350
		10/13/2005	350	6.5	1.2	-	358
		01/16/2006	150	10 U	10 U	10 U	150
		07/10/2006	100	10 U	10 U	10 U	100
		01/23/2007	79	10 U	10 U	-	79
		08/30/2007	164	4.1	1.1	1 U	169
		07/09/2008	42	1.6	1.5	2 U	45
		07/01/2009	1 U	1.3	2.1	1 U	3.4
		04/01/2010	1 U	1 U	4.2	2.6 J	6.8
		10/22/2010	1 UJ	1.3	2.4	1.5	6.2
		04/05/2011	1 U	1 U	1 U	1 U	1 U
		08/01/2012	1.7	7.1	9.6	7.3	26
		04/15/2014	0.5 U	0.87	4.0	4.2	9.1
		07/14/2016	2.3	0.5 U	0.5 U	0.5 U	2.3
		04/04/2017	0.85	0.79	2.9	3.4	7.9
DEQ-3d	80 - 120	08/22/2002	1 U	1 U	1 U	-	1 U
		06/24/2003	1 U	1 U	1 U	-	1 U
		01/05/2004	1 U	1 U	1 U	-	1 U
		04/12/2004	1 U	1 U	1 U	-	1 U
		10/12/2004	1 U	1 U	1 U	1 U	1 U
		01/13/2005	1 U	1 U	1 U	1 U	1 U
		04/20/2005	1 U	1 U	1 U	-	1 U
		07/18/2005	1 U	1 U	1 U	1 U	1 U
		10/13/2005	1 U	1 U	1 U	-	1 U
		01/16/2006	1 U	1 U	1 U	1 U	1 U
		07/11/2006	1 U	1 U	1 U	1 U	1 U
		01/22/2007	1 U	1 U	1 U	-	1 U
		08/30/2007	1 U	1 U	1 U	1 U	1 U
		07/08/2008	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		10/21/2010	1 U	1 U	1 U	1 U	1 U
		08/01/2012	0.59	1 U	1 U	1 U	0.59
		04/15/2014	0.5 U	0.87	0.5 U	0.5 U	0.87
		07/14/2016	1.1	0.5 U	0.5 U	0.5 U	1.1
		04/06/2017	1.0	0.5 U	0.5 U	0.5 UJ	1.0
DEQ-4s	10 - 25	10/28/2004	7,800	43	1 U	1 U	7,843
		01/13/2005	4,500	26	1 U	1 U	4,526
		04/21/2005	3,300	25 U	25 U	-	3,300
		07/19/2005	3,100	20 U	20 U	-	3,100
		10/13/2005	1,600	13	1 U	-	1,613
		11/21/2005	5,200	10	1 U	-	5,210
		01/17/2006	5,700	100 U	100 U	100 U	5,700
		07/11/2006	780	200 U	200 U	200 U	780

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
DEQ-4s (cont'd)	10 - 25	01/23/2007	1 U	1 U	1 U	-	1 U
		08/29/2007	10 U	10 U	10 U	10 U	10 U
		07/01/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	1 U	1.7	1.7
		04/06/2011	1 U	0.60 J	1 U	0.51 J	1.1
		08/01/2012	1.6	0.5 U	1 U	0.5 U	1.6
DEQ-5s	9 - 14	10/28/2004	170	1.0	1 U	1 U	171
		01/13/2005	190	1.2	1 U	1 U	191
		04/21/2005	100	1.9	1.5	-	103
		07/19/2005	140	1.0	1 U	-	141
		10/13/2005	150	1.0	1 U	-	151
		01/17/2006	210	10	10 U	10 U	220
		07/11/2006	130	10	10 U	10 U	140
		05/06/2009	104	10	10 U	10 U	114
EX-5i	45 - 70	08/29/2007	31	1.0	1.0	1 U	33
		10/03/2007	296	68	24	10 U	388
		11/07/2007	324	25	29	3 U	379
		12/06/2007	302	28	49	3 U	379
		01/09/2008	255	46	31	5.9 U	332
		02/14/2008	364	20	66	3 U	450
		03/12/2008	210	75	76	15	377
		04/10/2008	4.6	104	207	47	362
		05/12/2008	233	26	51	24	334
		06/05/2008	276	19	35	22	352
		07/09/2008	231	31	38	33	333
		08/06/2008	69	83 J	102	34	288
		09/10/2008	201	83	78	38	400
		10/06/2008	128	38	63	17	246
		11/12/2008	0.5 U	0.5 U	21	10	31
		12/02/2008	0.5 U	0.5 U	4.0	5.1	9.1
		04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		10/21/2010	1 U	1 U	0.98 J	0.60 J	1.6
		04/05/2011	1 U	1 U	0.52 J	0.88 J	1.4
		08/01/2012	1 U	1 U	1 U	0.65	0.65
		04/15/2014	0.5 U	0.5 U	0.5 U	0.55	0.55
		07/15/2016	0.5 U	0.5 U	0.50	1.4	1.9
		04/04/2017	0.5 U	0.68	3.1	2.9	6.6
IN-5s	10 - 25	04/01/2010	1 U	1 U	1 U	1 UJ	1 U
		04/05/2011	1 U	1 U	0.40 J	1 U	0.40
IN-6i	45 - 70	07/01/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	1 U	1 U
		04/06/2011	1 U	1 U	0.51 J	1.1	1.6
IN-7i	45 - 70	07/01/2009	1 U	1 U	2.4	1 U	2.4
		04/01/2010	1 U	1 U	1.4	2.1	3.5
		04/05/2011	1 U	1 U	1 U	1.3	1.3
IN-8i	45 - 70	07/01/2009	1 U	1 U	1 U	1 U	1 U
		04/01/2010	1 U	1 U	1 U	1 U	1 U
		04/05/2011	1 U	1 U	0.48 J	0.68 J	1.2

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
1460 G St.	(not known)	11/06/2003	6.7	1 U	-	-	6.7
(McKenzie Medical[d])		07/11/2006	6.3	1 U	1 U	1 U	6.3
		01/22/2007	3.7	1 U	1 U	-	3.7
		08/30/2007	1 U	1 U	1 U	1 U	1 U
		07/01/2009	2.6	1 U	1 U	1 U	2.6
1441 M St.	(not known)	11/07/2003	9.1	1.5	-	-	11
(domestic irrigation)		07/11/2006	11	1.5	1 U	1 U	13
		01/22/2007	9.1	1.1	1 U	-	10
		08/29/2007	8.5	1.2	1 U	1 U	9.7
		07/08/2008	6.7	0.98	0.5 U	0.5 U	7.7
		07/01/2009	5.7	1 U	1 U	1 U	5.7
		10/22/2010	8.4	0.80 J	1 U	1 U	9.2
1350 N St.	30 - 35	11/06/2003	6.2	1 U	-	-	6.2
(domestic irrigation)		07/11/2006	22	1 U	1 U	1 U	22
		01/22/2007	26	1 U	1 U	-	26
		08/29/2007	1.4	1 U	1 U	1 U	1.4
		07/08/2008	23	0.84	0.92	0.85	26
		07/01/2009	34	1.2	1 U	1 U	35
		10/22/2010	22	2.3	3.0	0.84 J	28
		08/01/2012	33	5.2	22	2.4	63
		05/17/2014	37	5.7	32	3.4	79
		10/21/2014	30	14	28	3.0	75
		07/18/2016	44	5.5	23	1.5	74
		05/16/2017	50	6.7	24	1.7	84
		10/12/2017	35	12	30	2.1	80
		10/12/2017	39	13	31	2.2	86
		06/06/2018	24	2.9	13	0.5 U	39
		10/10/2018	31	4.9	18	1.1	54
		07/29/2019	31	4.6	16	0.72	52
		10/10/2019	33	5.5	18	0.97	58
		04/21/2020	45	5.6	20	0.92	71
		10/12/2020	35	9.7	28	1.0 J	74
		04/21/2021	23	4.0	12	0.69	41
		10/08/2021	30	6.5	19	0.67	56
1875 N 16th St.	(not known)	05/23/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
(domestic drinking)[a]							
Q St. Mun.	110 - 280	01/30/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		11/12/2015	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
		02/02/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/12/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		06/06/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		06/06/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		09/28/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)		09/28/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		04/18/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		07/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-100 (dup)		07/29/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 5
Groundwater Analytical Results - VOCs in Single Zone Wells (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
Q St. Mun. (cont'd)	110 - 280	10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-95 (dup)		10/06/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)		04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)		04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DEQ RBC Screening Level Criteria for Groundwater[b]							
Ingestion and Inhalation							
Residential			12	0.49	36	0.027	NA
Urban Residential			49	2.0	140	0.066	NA
Occupational			48	3.3	260	0.49	NA
Volatilization to Outdoor Air							
Residential			64,000	3,300	>S	350	NA
Urban Residential			150,000	6,900	>S	430	NA
Occupational			>S	20,000	>S	5,900	NA
Vapor Intrusion into Buildings							
Residential			3,700	200	>S	17	NA
Urban Residential			8,700	430	>S	21	NA
Occupational			48,000	3,700	>S	880	NA
GW in an Excavation							
Construction/Excavation			5,600	430	18,000	960	NA
EPA Maximum Contaminant Levels[c]							
Drinking Water			5	5	70	2	NA

Notes:

[a] Well sampled per Domestic Well Beneficial Use Response Plan (PNG 2016)

[b] Oregon Department of Environmental Quality (DEQ) Generic Risk-Based Concentrations (revised May 2018)

[c] Environmental Protection Agency (EPA) National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCL) EPA 816-F-09-004, (EPA 2009)

[d] McKenzie Medical = McKenzie-Willamette Medical Center

btc = below top of casing

DCE = Dichloroethene

J = Data validation qualifier. Estimated value. See Data validation report for additional information.

NA = Not Applicable

PCE = Tetrachloroethene

TCE = Trichloroethene

CVOCs = Combined total of detected chlorinated VOCs (PCE, TCE, DCE, and Vinyl Chloride).

U = Not detected at the reporting limit shown

ug/l = micrograms per liter

Volatile Organic Compunds (VOCs) analyzed by EPA Method 8260B/C

- = not available or not applicable

>S = the RBC exceeds the solubility limit of this compound

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
September 2011 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	70.1 - 70.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	09/22/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	09/22/2011	0.54	0.5 U	0.5 U	0.5 U	0.54
	2	29.2 - 29.7	09/22/2011	100	12	4.7	0.97	118
	3	42.3 - 42.8	09/22/2011	9.6	4.4	6.0	1.6	22
	4	59.3 - 59.8	09/22/2011	100	22	18	8.9	149
	5	71.7 - 72.2	09/22/2011	0.53	0.5 U	0.57	0.80	1.9
	6	82.2 - 82.7	09/22/2011	95	2.0	0.88	0.5 U	98
	7	107.0 - 107.5	09/22/2011	1.7	0.5 U	0.5 U	0.5 U	1.7
MW-26 CMT	1	14.5 - 15.0	09/28/2011	1.3	0.5 U	0.5 U	0.5 U	1.3
	2	29.6 - 30.1	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	09/28/2011	20	2.0	0.62	0.5 U	23
	4	59.5 - 60.0	09/28/2011	70	1.7	0.53	0.5 U	72
	5	69.2 - 69.7	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.1 - 98.6	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.5 - 115.0	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	09/26/2011	0.5 U	1.1	0.5 U	0.5 U	1.1
	2	28.9 - 29.4	09/26/2011	0.98	0.5 U	1.6	0.5 U	2.6
	3	43.7 - 44.2	09/26/2011	88	1.9	0.72	0.5 U	91
	4	58.7 - 59.2	09/26/2011	5.4	0.50	0.5 U	0.5 U	5.9
	5	73.9 - 74.4	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	99.5 - 100.0	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	09/27/2011	1.5	0.58	0.5 U	0.5 U	2.1
	2	29.5 - 30.0	09/27/2011	3.7	0.89	0.5 U	0.5 U	6.2
	3	48.8 - 49.3	09/27/2011	58	21	7.4	0.5 U	86
	4	59.2 - 59.7	09/27/2011	27	12	5.0	0.5 U	44
	5	70.2 - 70.7	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
July 2012 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	07/23/2012	0.95	0.5 U	0.5 U	0.5 U	0.95
	5	70.1 - 70.6	07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	07/25/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	07/25/2012	240	30	11	2.8	284
	3	42.3 - 42.8	07/25/2012	37	6.1	4.9	0.5 U	48
	4	59.3 - 59.8	07/25/2012	52 J	14	11	6.6	84
	5	71.7 - 72.2	07/26/2012	0.5 U	0.5 U	1.7	2.9	4.6
	6	82.2 - 82.7	07/25/2012	150	2.9	1.2	0.5 U	154
	7	107.0 - 107.5	07/26/2012	0.60	0.5 U	1.3	0.5 U	1.9
MW-26 CMT	1	14.5 - 15.0	07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	07/26/2012	19	1.7	0.5 U	0.5 U	21
	4	59.5 - 60.0	07/26/2012	54	1.2	0.69	0.5 U	56

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	5	69.2 - 69.7	07/30/2012	0.76	0.5 U	0.5 U	0.5 U	0.76
	6	98.1 - 98.6	07/27/2012	0.5 U	0.60	0.5 U	0.5 U	0.60
	7	114.5 - 115.0	07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	07/30/2012	0.5 U	1.1	0.5 U	0.5 U	1.1
	2	28.9 - 29.4	07/30/2012	4.2	0.5 U	0.5 U	0.5 U	4.2
	3	43.7 - 44.2	07/30/2012	140	3.2	2.4	0.5 U	146
	4	58.7 - 59.2	07/30/2012	20	1.3	0.59	0.5 U	22
	5	73.9 - 74.4	07/30/2012	1.9	0.5 U	0.5 U	0.5 U	1.9
	6	99.5 - 100.0	07/31/2012	1.1	0.5 U	0.79	0.5 U	1.9
	7	116.0 - 116.5	07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	07/31/2012	2.3	0.91	0.5 U	0.5 U	3.2
	2	29.5 - 30.0	07/31/2012	5.0	1.3	0.5 U	0.5 U	7.2
	3	48.8 - 49.3	07/31/2012	70	22	7.2	0.5 U	99
	4	59.2 - 59.7	07/31/2012	47	15	4.9	0.5 U	67
	5	70.2 - 70.7	07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	07/31/2012	0.68	0.72	0.56	0.5 U	2.0
	7	134.0 - 134.5	07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2014 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	04/16/2014	1.0	0.79	0.5 U	0.5 U	1.8
	5	70.1 - 70.6	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/16/2014	86	13	11	5 U	110
	3	42.3 - 42.8	04/16/2014	140	72	27	3.4	242
	4	59.3 - 59.8	04/16/2014	100	21	18	14	154
	5	71.7 - 72.2	04/16/2014	0.5 U	0.5 U	1.9	4.7	6.6
	6	82.2 - 82.7	04/16/2014	150	4.2	3.0	0.65	158
	7	107.0 - 107.5	04/16/2014	0.5 U	0.5 U	0.88	0.5 U	0.88
MW-26 CMT	1	14.5 - 15.0	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	04/17/2014	34	2.6	0.5 U	0.5 U	37
	4	59.5 - 60.0	04/17/2014	71	2.4	1.3	0.5 U	75
	5	69.2 - 69.7	04/17/2014	24	1.1	0.5 U	0.5 U	25
	6	98.1 - 98.6	04/22/2014	2.2	1.3	0.75	0.5 U	4.3
	7	114.5 - 115.0	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	04/15/2014	0.5 U	0.62	0.5 U	0.5 U	0.62
	2	28.9 - 29.4	04/15/2014	5.4	1.1	20	3.8	31
	3	43.7 - 44.2	04/15/2014	150	15	7.7	1.8	175
	4	58.7 - 59.2	04/15/2014	21	2.3	1.5	0.5 U	25
	5	73.9 - 74.4	04/15/2014	3.3	1.0	1.3	0.5 U	5.6
	6	99.5 - 100.0	04/21/2014	0.5 U	1.2	3.1	1.1	5.4
	7	116.0 - 116.5	04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/16/2014	7.0	3.6	1.2	0.5 U	12
	2	29.5 - 30.0	04/16/2014	3.6	1.2	0.5 U	0.5 U	4.8
MW-98 (dup)	2	29.5 - 30.0	04/16/2014	5.3	1.5	0.5 U	0.5 U	7.4
	3	48.8 - 49.3	04/16/2014	77	24	7.1	0.5 U	108
	4	59.2 - 59.7	04/16/2014	37	15	4.8	0.5 U	57
	5	70.2 - 70.7	04/16/2014	1.0	0.50	0.5 U	0.5 U	1.5
	6	98.0 - 98.5	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-30 CMT	1/2	29.6 - 30.1	04/16/2014	48	13	5.3	0.72	67
	3/4	44.6 - 45.1	04/16/2014	29	6.0	3.5	0.58	39

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-30 CMT	5/6	58.7 - 59.2	04/16/2014	24	4.0	1.7	0.5 U	30
	7	68.4 - 68.9	04/16/2014	1.8	0.64	0.5 U	0.5 U	2.4
MW-31 CMT	1/2	32.2 - 32.7	04/15/2014	19	3.6	0.62	0.5 U	23
	3/4	45.7 - 46.2	04/15/2014	45	1.2	0.5 U	0.5 U	46
	5/6	57.2 - 57.7	04/15/2014	32 J	8.9	8.0	2.7	52
	7	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32 CMT	1/2	28.7 - 29.2	04/15/2014	1.7	0.5 U	0.5 U	0.5 U	1.7
	3/4	44.2 - 44.7	04/15/2014	45	5 U	5 U	5 U	45
	5/6	59.2 - 59.7	04/15/2014	98	5 U	5 U	5 U	98
	7	67.5 - 68.0	-	-	-	-	-	-
MW-33 CMT	1	14.6 - 15.1	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/16/2014	41	12	4.3	0.5 U	57
	3	43.7 - 44.2	04/16/2014	30	9.4	2.9	0.5 U	42
	4	59.7 - 60.2	04/16/2014	16	3.3	0.78	0.5 U	20
	5	71.7 - 72.2	04/16/2014	7.2	1.4	0.5 U	0.5 U	8.6
	6	97.9 - 98.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/17/2014	1.9	0.5 U	0.5 U	0.5 U	1.9
	5	72.6 - 73.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/18/2014	0.71	0.5 U	0.5 U	0.5 U	0.71
MW-97 (dup)	3	44.8 - 45.3	04/18/2014	0.67	0.5 U	0.5 U	0.5 U	0.67
	4	57.8 - 58.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)	4	57.2 - 57.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	84.3 - 84.8	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2014 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	-	-	-	-	-	-
	2	31.2 - 31.7	-	-	-	-	-	-
	3	46.1 - 46.6	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	10/23/2014	0.92	0.76	0.5 U	0.5 U	1.7
	5	70.1 - 70.6	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	-	-	-	-	-	-
	7	111.0 - 111.5	-	-	-	-	-	-
MW-25 CMT	1	14.2 - 14.7	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/23/2014	78	14	16	0.86	109
	3	42.3 - 42.8	10/23/2014	95	40	20	1.4	156
	4	59.3 - 59.8	10/23/2014	110	20	25	13	169
	5	71.7 - 72.2	10/23/2014	0.5 U	0.5 U	2.2	4.1	6.3
	6	82.2 - 82.7	10/23/2014	150	4.7	2.6	0.68	158
	7	107.0 - 107.5	10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	1	14.5 - 15.0	10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	10/22/2014	24	2.6	0.58	0.5 U	27
	4	59.5 - 60.0	10/22/2014	64	2.4	1.4	0.5 U	68
	5	69.2 - 69.7	10/22/2014	24	0.94	0.5 U	0.5 U	25
	6	98.1 - 98.6	10/22/2014	0.5 U	0.80	3.6	0.5 U	4.4
	7	114.5 - 115.0	10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	10/21/2014	1.8	0.55	0.5 U	0.5 U	2.4
	2	28.9 - 29.4	10/21/2014	9.5	1.4	0.70	0.5 U	12
	3	43.7 - 44.2	10/21/2014	200	31	13	2.3	246
	4	58.7 - 59.2	10/21/2014	26	1.8	0.74	0.5 U	29
	5	73.9 - 74.4	10/21/2014	2.5	0.75	2.0	0.5 U	5.3
	6	99.5 - 100.0	10/21/2014	0.5 U	0.5 U	6.1	0.5 U	6.1
	7	116.0 - 116.5	-	-	-	-	-	-
MW-28 CMT	1	14.3 - 14.8	10/21/2014	5.4	2.6	0.77	0.5 U	8.8
	2	29.5 - 30.0	10/21/2014	5.3	1.8	0.58	0.5 U	7.7
	3	48.8 - 49.3	10/21/2014	79	25	7.7	0.5 U	112
	4	59.2 - 59.7	10/21/2014	53	18	5.1	0.5 U	76
MW-99 (dup)	4	59.2 - 59.7	10/21/2014	50	18	4.9	0.5 U	73
	5	70.2 - 70.7	10/21/2014	1.1	0.5 U	0.5 U	0.5 U	1.1
	6	98.0 - 98.5	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	-	-	-	-	-	-
MW-30 CMT	1/2	29.6 - 30.1	10/21/2014	24	6.9	7.9	0.5 U	39
	3/4	44.6 - 45.1	10/21/2014	30	6.9	3.5	0.54	41
	5/6	58.7 - 59.2	10/21/2014	32	5.1	2.0	0.5 U	39
	7	68.4 - 68.9	10/21/2014	3.3	0.78	0.5 U	0.5 U	4.1
MW-31 CMT	1/2	32.2 - 32.7	10/21/2014	14	3.9	1.7	0.5 U	20
	3/4	45.7 - 46.2	10/21/2014	42	2.7	0.56	0.5 U	45
	5/6	57.2 - 57.7	10/21/2014	28	9.0	8.0	2.2	47
	7	69.2 - 69.7	-	-	-	-	-	-
MW-32 CMT	1/2	28.7 - 29.2	10/21/2014	3.8	0.62	0.5 U	0.5 U	4.4
	3/4	44.2 - 44.7	10/21/2014	62	1.3	0.5 U	0.5 U	63
	5/6	59.2 - 59.7	10/21/2014	130	5.5	3.4	1.2	140
	7	67.5 - 68.0	10/21/2014	0.5 U	0.5 U	0.67	0.5 U	0.67
MW-33 CMT	1	14.6 - 15.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/22/2014	40	14	4.4	0.5 U	58
	3	43.7 - 44.2	10/22/2014	34	11	3.0	0.5 U	48
	4	59.7 - 60.2	10/22/2014	12	2.9	0.68	0.5 U	16
	5	71.7 - 72.2	10/22/2014	7.6	1.5	0.5 U	0.5 U	9.1
	6	97.9 - 98.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)	6	97.9 - 98.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/21/2014	5.8	0.5 U	0.5 U	0.5 U	5.8
	5	72.6 - 73.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.8 - 58.3	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-38 CMT	1	14.0 - 14.5	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/21/2014	0.5 U	0.50	0.5 U	0.5 U	0.50
	5	57.2 - 57.7	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)	5	69.2 - 69.7	10/21/2014	0.5 U	0.51	0.5 U	0.5 U	0.51
	6	84.3 - 84.8	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
July 2016 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	07/07/2016	0.5 U	0.74	0.5 U	0.5 U	0.74
	5	70.1 - 70.6	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	07/07/2016	70	26	23	0.63	119
	3	42.3 - 42.8	07/07/2016	88	55	25	1.0	169
	4	59.3 - 59.8	07/07/2016	112	21	38	14	187
	5	71.7 - 72.2	07/07/2016	0.5 U	0.50	4.9	1.7	7.1
	6	82.2 - 82.7	07/07/2016	112	5.2	2.3	0.53	120
	7	107.0 - 107.5	07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.5 - 15.0	07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	07/08/2016	37	2.9	0.5 U	0.5 U	40
	4	59.5 - 60.0	07/08/2016	64	3.5	1.7	1.6	71
MW-99 (dup)	4	59.5 - 60.0	07/08/2016	66	4.0	2.1	2.0	74
	5	69.2 - 69.7	07/08/2016	16	1.4	0.5 U	0.5 U	17
	6	98.1 - 98.6	07/08/2016	0.5 U	2.3	1.8	9.9	14
	7	114.5 - 115.0	07/08/2016	0.5 U	0.67	2.0	6.8	9.5
MW-27 CMT	1	13.8 - 14.3	07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	28.9 - 29.4	07/13/2016	8.8	1.4	1.2	0.5 U	11
	3	43.7 - 44.2	07/13/2016	88	24	65	3.6	182
	4	58.7 - 59.2	07/13/2016	20	16	1.7	0.5 U	37
	5	73.9 - 74.4	07/13/2016	2.9	0.60	2.6	0.5 U	6.1
	6	99.5 - 100.0	07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	07/12/2016	6.8	3.3	1.0	0.5 U	11
	2	29.5 - 30.0	07/12/2016	5.8	1.9	0.70	0.5 U	8.4
	3	48.8 - 49.3	07/12/2016	69	23	9.5	0.5 U	102
	4	59.2 - 59.7	07/12/2016	48	18	6.2	0.5 U	72
MW-98 (dup)	4	59.2 - 59.7	07/12/2016	51	18	6.5	0.5 U	75
	5	70.2 - 70.7	07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	07/12/2016	0.5 U	0.5 U	3.4	1.3	4.7
MW-30 CMT	1	29.6 - 30.1	07/12/2016	42	12	8.8	0.53	63
	3	44.6 - 45.1	07/12/2016	14	7.4	24	3.1	48
	5	58.7 - 59.2	07/12/2016	54	14	5.5	0.69	74
	7	68.4 - 68.9	07/12/2016	4.1	1.4	2.6	0.5 U	8.2
MW-31 CMT	1	32.2 - 32.7	07/12/2016	21	3.2	1.5	0.5 U	26
	3	45.7 - 46.2	07/12/2016	35	5.9	5.3	0.5 U	46
	5	57.2 - 57.7	07/12/2016	30	12	9.3	1.9	53
MW-32 CMT	1	28.7 - 29.2	07/08/2016	1.3	0.97	1.2	0.5 U	3.5
	3	44.2 - 44.7	07/08/2016	59	6.2	0.97	0.86	67
	5	59.2 - 59.7	07/08/2016	75	6.0	4.1	1.1	86

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-33 CMT	1	14.6 - 15.1	07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	07/14/2016	46	16	7.8	0.5 U	70
	3	43.7 - 44.2	07/14/2016	44	13	4.3	0.5 U	61
	4	59.7 - 60.2	07/14/2016	16	4.0	1.0	0.5 U	21
	5	71.7 - 72.2	07/14/2016	14	3.1	0.69	0.5 U	18
MW-97 (dup)	5	71.7 - 72.2	07/14/2016	14	3.1	0.75	0.5 U	18
	6	97.9 - 98.4	07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	07/14/2016	0.5 U	0.5 U	0.62	1.3	1.9
MW-34 CMT	1	15.6 - 16.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)	3	44.6 - 45.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	07/15/2016	22	3.9	0.5 U	0.5 U	25
	5	72.6 - 73.1	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	07/11/2016	0.58	0.5 U	0.5 U	0.5 U	0.58
	4	57.8 - 58.3	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	84.3 - 84.8	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
March 2017 Sampling Event								
MW-24 CMT	1	17.2 - 17.7	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	03/29/2017	0.69	0.74	0.75	0.5 U	2.2
	5	70.1 - 70.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	03/29/2017	72	31	25	0.84	129
	3	42.3 - 42.8	03/29/2017	91	81	34	2.1	210
	4	59.3 - 59.8	03/29/2017	150	25	45	19	241
	5	71.7 - 72.2	03/29/2017	0.5 U	0.5 U	6.2	2.1	8.3
	6	82.2 - 82.7	03/29/2017	91	5.1	2.5	0.69	99
	7	107.0 - 107.5	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.5 - 15.0	04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	04/04/2017	33	2.5	0.5 U	0.5 U	35
	4	59.5 - 60.0	04/04/2017	92	4.8	1.7	1.4	100
	5	69.2 - 69.7	04/04/2017	19	4.2	0.73	1.4	25
	6	98.1 - 98.6	04/04/2017	0.5 U	9.4	6.3	61	76
	7	114.5 - 115.0	04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	28.9 - 29.4	03/31/2017	12	1.6	1.7	0.5 U	15
	3	43.7 - 44.2	03/31/2017	100	22	76	3.9	204
	4	58.7 - 59.2	03/31/2017	23	18	2.5	0.5 U	44

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-27 CMT	5	73.9 - 74.4	03/31/2017	4.5	0.83	2.9	0.5 U	8.2
	6	99.5 - 100.0	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	03/31/2017	13	5.9	2.1	0.5 U	21
	2	29.5 - 30.0	03/31/2017	8.0	2.5	0.92	0.5 U	11
	3	48.8 - 49.3	03/31/2017	90	27	11	0.5 U	128
	4	59.2 - 59.7	03/31/2017	54	17	6.2	0.5 U	76
MW-98 (dup)	4	59.2 - 59.7	03/31/2017	52	17	6.2	0.5 U	75
	5	70.2 - 70.7	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.0 - 98.5	03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	03/31/2017	0.5 U	0.5 U	4.6	3.8	8.4
MW-30 CMT	1	29.6 - 30.1	04/03/2017	55	16	8.8	0.62	80
	3	44.6 - 45.1	04/03/2017	18	9.7	20	4.2	52
	5	58.7 - 59.2	04/03/2017	49	11	5.9	0.97	66
	7	68.4 - 68.9	04/03/2017	11	2.7	4.9	0.5 U	18
MW-31 CMT	1	32.2 - 32.7	04/03/2017	26	3.9	1.6	0.5 U	31
	3	45.7 - 46.2	04/03/2017	42	8.1	9.3	0.5 U	59
	5	57.2 - 57.7	04/03/2017	39	15	11	2.1	67
MW-32 CMT	1	28.7 - 29.2	04/03/2017	1.1	1.4	1.6	0.5 U	4.0
	3	44.2 - 44.7	04/03/2017	93	11	1.5	1.2	107
	5	59.2 - 59.7	04/03/2017	110	7.8	5.4	1.5	125
MW-97 (dup)	5	59.2 - 59.7	04/03/2017	105	7.7	5.2	1.4	119
MW-33 CMT	1	14.6 - 15.1	04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/03/2017	53	18	5.8	0.5 U	76
	3	43.7 - 44.2	04/03/2017	55	14	4.2	0.5 U	73
	4	59.7 - 60.2	04/03/2017	25	5.3	1.3	0.5 U	31
	5	71.7 - 72.2	04/03/2017	20	4.1	1.0	0.5 U	25
	6	97.9 - 98.4	04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	03/30/2017	25	7.9	0.61	1.0	34
	5	72.6 - 73.1	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	03/29/2017	0.60	0.5 U	0.5 U	0.5 U	0.60
	4	57.8 - 58.3	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)	4	69.9 - 70.4	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.9 - 70.4	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	84.3 - 84.8	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2017 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/24/2017	0.75	0.70	0.63	0.5 U	2.1
	7	111.0 - 111.5	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-25 CMT	3	42.3 - 42.8	10/24/2017	103	58	28	1.1	190
	4	59.3 - 59.8	10/24/2017	188	29	58	24	303
MW-26 CMT	1	14.2 - 14.7	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/26/2017	43	3.1	0.5 U	0.5 U	46
	4	59.3 - 59.8	10/26/2017	87	5.8	1.9	1.2	96
	5	69.2 - 69.7	10/26/2017	27	1.8	0.5 U	0.5 U	29
MW-27 CMT	1	13.8 - 14.3	10/24/2017	0.56	0.5 U	0.5 U	0.5 U	0.56
	3	43.7 - 44.2	10/24/2017	82	14	74	3.7	177
	4	58.7 - 59.2	10/24/2017	33	17	1.2	0.5 U	51
	7	116.0 - 116.5	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/25/2017	5.7	2.2	0.54	0.5 U	8.4
	2	29.5 - 30.0	10/25/2017	7.9	2.6	0.67	0.5 U	11
	3	48.8 - 49.3	10/25/2017	90	27	10	0.5 U	127
	4	59.2 - 59.7	10/25/2017	56	18	5.8	0.5 U	79
	5	70.2 - 70.7	10/25/2017	1.8	0.58	0.5 U	0.5 U	2.3
MW-30 CMT	1	29.6 - 30.1	10/25/2017	43	10	5.6	0.55	59
	3	44.6 - 45.1	10/25/2017	20	16	14	3.8	54
	5	58.7 - 59.2	10/25/2017	59	12	4.8	0.76	76
MW-31 CMT	3	45.7 - 46.2	10/25/2017	42	7.0	6.7	1.2	57
	5	57.2 - 57.7	10/25/2017	35	14	9.6	2.2	61
MW-32 CMT	3	44.2 - 44.7	10/25/2017	81	12	1.6	1.2	96
	5	59.2 - 59.7	10/25/2017	100	8.1	5.0	1.8	115
MW-33 CMT	1	14.6 - 15.1	10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/25/2017	47	15	4.7	0.5 U	67
	3	43.7 - 44.2	10/25/2017	48	14	3.9	0.5 U	66
	4	59.7 - 60.2	10/25/2017	23	5.3	1.1	0.5 U	30
	5	71.7 - 72.2	10/25/2017	20	4.9	0.99	0.5 U	26
MW-34 CMT	1	15.6 - 16.1	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/24/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
	4	60.7 - 61.2	10/24/2017	25	11	1.1	1.7	40
	5	72.6 - 73.1	10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/25/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
MW-97 (dup)	3	44.8 - 45.3	10/25/2017	0.59	0.5 U	0.5 U	0.5 U	0.59
	4	57.8 - 58.3	10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2018 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/25/2018	0.82 J	0.57	0.98 J	0.5 U	2.4
MW-25 CMT	1	14.2 - 14.7	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/25/2018	129	90	34	2.0	256
	4	59.3 - 59.8	04/25/2018	150	23	50	23	248
MW-26 CMT	1	14.2 - 14.7	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/25/2018	30	2.6	0.65	0.5 U	33
	4	59.3 - 59.8	04/25/2018	76	6.8	2.6	2.3	88
MW-96 (dup)	4	59.3 - 59.8	04/25/2018	78	6.2	2.1	1.8	88
	5	69.2 - 69.7	04/25/2018	22	1.5	0.5 U	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/25/2018	63	13	73	4.4	155
	4	58.7 - 59.2	04/25/2018	21	20	4.3	0.5 U	44
	7	116.0 - 116.5	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/25/2018	11	4.8	1.4	0.5 U	17

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Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT	2	29.5 - 30.0	04/25/2018	9.9	2.9	0.87	0.5 U	14
	3	48.8 - 49.3	04/25/2018	86	26	9.8	0.5 U	121
	4	59.2 - 59.7	04/25/2018	61	18	6.0	0.5 U	84
	5	70.2 - 70.7	04/25/2018	1.9	0.63	0.5 U	0.5 U	2.5
MW-30 CMT	1	29.6 - 30.1	04/25/2018	58	17	7.8	1.0	83
	3	44.6 - 45.1	04/25/2018	22	13	13	3.8	52
	5	58.7 - 59.2	04/25/2018	50	11	5.1	0.71	67
MW-31 CMT	3	45.7 - 46.2	04/25/2018	46	8.8	7.1	0.83	63
	5	57.2 - 57.7	04/25/2018	38	16	11	2.9	68
MW-32 CMT	3	44.2 - 44.7	04/25/2018	90	12	1.7	2.7	107
	5	59.2 - 59.7	04/25/2018	99	10	6.6	2.5	118
MW-33 CMT	1	14.6 - 15.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	04/25/2018	53	19	7.0	0.5 U	78
	3	43.7 - 44.2	04/25/2018	48	16	4.7	0.5 U	69
	4	59.7 - 60.2	04/25/2018	22	5.7	1.4	0.5 U	29
	5	71.7 - 72.2	04/25/2018	20	6.7	1.4	0.5 U	28
MW-34 CMT	1	15.6 - 16.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/25/2018	25	8.2	1.1	4.9	39
MW-99 (dup)	4	60.7 - 61.2	04/25/2018	25	8.0	1.1	4.7	38
	5	72.6 - 73.1	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/25/2018	0.79	0.5 U	0.5 U	0.5 U	0.79
	4	57.8 - 58.3	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2018 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/09/2018	0.52	0.5 U	0.85	0.5 U	1.4
	7	111.0 - 111.5	10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/15/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/15/2018	57	37	25	0.69	121
	4	59.3 - 59.8	10/09/2018	153	29	50	17	252
MW-26 CMT	1	14.2 - 14.7	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/12/2018	26	2.6	0.88	0.5 U	30
	4	59.3 - 59.8	10/12/2018	65	7.6	2.9	1.9	77
	5	69.2 - 69.7	10/12/2018	21	1.3	0.63	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/09/2018	51	12	61	2.7	128
	4	58.7 - 59.2	10/09/2018	29	19	2.7	0.5 U	51
	7	116.0 - 116.5	10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/15/2018	8.4	3.5	1.0	0.5 U	13
	2	29.5 - 30.0	10/15/2018	10	3.2	0.89	0.5 U	15
	3	48.8 - 49.3	10/15/2018	95	28	11	0.5 U	135
	4	59.2 - 59.7	10/15/2018	64	19	5.8	0.5 U	88
	5	70.2 - 70.7	10/15/2018	2.1	0.75	0.57	0.5 U	3.4
MW-30 CMT	1	29.6 - 30.1	10/15/2018	49	11	6.7	0.57	67
	3	44.6 - 45.1	10/15/2018	24	12	12	2.3	51
	5	58.7 - 59.2	10/15/2018	56	11	4.5	0.5 U	71
MW-31 CMT	3	45.7 - 46.2	10/15/2018	48	7.6	7.3	0.66	63
	5	57.2 - 57.7	10/15/2018	38	15	11	1.8	65
MW-32 CMT	3	44.2 - 44.7	10/15/2018	83	13	1.9	1.5	99
	5	59.2 - 59.7	10/15/2018	103	8.8	6.1	1.6	119

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-33 CMT	1	14.6 - 15.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	10/12/2018	40	16	5.0	0.5 U	60
	3	43.7 - 44.2	10/12/2018	45	15	4.6	0.5 U	64
	4	59.7 - 60.2	10/12/2018	19	5.3	1.6	0.5 U	26
	5	71.7 - 72.2	10/12/2018	19	6.7	1.7	0.5 U	27
MW-98 (dup)	5	71.7 - 72.2	10/12/2018	18	6.3	1.7	0.5 U	26
MW-34 CMT	1	15.6 - 16.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/10/2018	31	10	1.4	5.1	47
	5	72.6 - 73.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/12/2018	0.61	0.5 U	0.5 U	0.5 U	0.61
	4	57.8 - 58.3	10/12/2018	0.59	0.5 U	0.5 U	0.5 U	0.59
MW-38 CMT	1	14.0 - 14.5	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2019 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/15/2019	0.55	0.52	1.0	0.5 U	2.1
MW-98 (dup)	4	61.1 - 61.6	04/15/2019	0.61	0.57	1.1	0.5 U	2.3
	7	111.0 - 111.5	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/15/2019	153	108	37	1.8	301
	4	59.3 - 59.8	04/15/2019	146	26	55	17	247
MW-26 CMT	1	14.2 - 14.7	04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/11/2019	38	2.7	0.5 U	0.5 U	40
	4	59.3 - 59.8	04/11/2019	84	9.1	2.8	1.9	98
	5	69.2 - 69.7	04/11/2019	24	1.8	0.5 U	0.5 U	26
MW-27 CMT	1	13.8 - 14.3	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/15/2019	64	14	74	3.4 J	158
	4	58.7 - 59.2	04/15/2019	27	22	4.8	0.5 U	54
	7	116.0 - 116.5	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/11/2019	16	6.8	2.0	0.5 UJ	25
	2	29.5 - 30.0	04/11/2019	12	4.0	1.1	0.5 UJ	17
	3	48.8 - 49.3	04/11/2019	93	30	12	0.5 U	134
	4	59.2 - 59.7	04/11/2019	63	18	6.3	0.5 U	88
	5	70.2 - 70.7	04/11/2019	1.2	0.5 U	0.5 U	0.5 U	1.2
MW-30 CMT	1	29.6 - 30.1	04/12/2019	47	12	6.1	0.5 U	65
	3	44.6 - 45.1	04/12/2019	26	15	12	2.6	55
	5	58.7 - 59.2	04/12/2019	57	11	4.2	0.57	72
MW-31 CMT	3	45.7 - 46.2	04/12/2019	48	8.2	8.0	1.1	65
	5	57.2 - 57.7	04/12/2019	37	18	11	1.8	68
MW-32 CMT	3	44.2 - 44.7	04/12/2019	93	14	2.1	1.5	110
MW-99 (dup)	3	44.2 - 44.7	04/12/2019	91	14	2.1	1.6	108
	5	59.2 - 59.7	04/12/2019	104	10	6.7	1.7	123
MW-33 CMT	1	14.6 - 15.1	04/11/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
	2	29.6 - 30.1	04/11/2019	54	17	5.1	0.5 UJ	77
	3	43.7 - 44.2	04/11/2019	49	15	4.1	0.5 UJ	69
	4	59.7 - 60.2	04/11/2019	28	6.5	1.4	0.5 UJ	36
	5	71.7 - 72.2	04/11/2019	23	6.3	1.4	0.5 UJ	31
MW-34 CMT	1	15.6 - 16.1	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/15/2019	40	9.7	1.3	3.8	55
	5	72.6 - 73.1	04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
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Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-37 CMT	1	14.7 - 15.2	04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/11/2019	0.82	0.5 U	0.5 U	0.5 U	0.82
	4	57.8 - 58.3	04/11/2019	0.69	0.5 U	0.5 U	0.5 U	0.69
MW-38 CMT	1	14.0 - 14.5	04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2019 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/10/2019	0.5 U	0.5 U	1.2	0.5 U	1.2
	7	111.0 - 111.5	10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/10/2019	42	40	23	0.90	105
	5	71.7 - 72.2	10/11/2019	0.5 U	0.5 U	7.6	2.2	9.8
MW-26 CMT	1	14.2 - 14.7	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/15/2019	38	2.7	0.5 U	0.5 U	40
	4	59.3 - 59.8	10/15/2019	73	9.5	2.6	1.7	87
	5	69.2 - 69.7	10/15/2019	22	1.4	0.5 U	0.5 U	23
MW-27 CMT	1	13.8 - 14.3	10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/10/2019	55	14	62	2.8	135
	4	58.7 - 59.2	10/14/2019	30	21	3.6	0.5 U	55
	7	116.0 - 116.5	10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/14/2019	17	5.6	1.7	0.5 U	24
	2	29.5 - 30.0	10/14/2019	15	4.2	1.2	0.5 U	20
	3	48.8 - 49.3	10/14/2019	104	29	12	0.5 U	144
	4	59.2 - 59.7	10/14/2019	71 J	18 J	6.0	0.5 U	94
	5	70.2 - 70.7	10/14/2019	1.5 J	0.53 J	0.5 U	0.5 U	2.0
MW-96 (dup)	5	70.2 - 70.7	10/14/2019	1.2 J	0.51 J	0.5 U	0.5 U	1.7
MW-30 CMT	1	29.6 - 30.1	10/14/2019	55	9.8	6.5	0.5 U	71
	3	44.6 - 45.1	10/14/2019	33	15	12	2.4	62
	5	58.7 - 59.2	10/14/2019	60	9.3	4.1	0.5 U	73
MW-31 CMT	3	45.7 - 46.2	10/14/2019	61	7.1	4.0	0.62	73
	5	57.2 - 57.7	10/14/2019	46	12	10	1.3	70
MW-32 CMT	3	44.2 - 44.7	10/14/2019	110	12	1.8	1.4	126
	5	59.2 - 59.7	10/14/2019	104	10	6.2	1.4	122
MW-33 CMT	1	14.6 - 15.1	10/15/2019	0.57	0.54	0.5 U	0.5 U	1.1
	2	29.6 - 30.1	10/15/2019	47	16	4.9	0.5 U	68
	3	43.7 - 44.2	10/15/2019	52	16	4.1	0.5 U	72
	4	59.7 - 60.2	10/15/2019	28	6.6	1.3	0.5 U	36
	5	71.7 - 72.2	10/15/2019	23	5.8	1.3	0.5 U	30
MW-34 CMT	1	15.6 - 16.1	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/10/2019	13	16	2.1	9.2	40
	5	72.6 - 73.1	10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/11/2019	0.68	0.5 U	0.5 U	0.5 U	0.68
	4	57.8 - 58.3	10/11/2019	0.63	0.5 U	0.5 U	0.5 U	0.63
MW-38 CMT	1	14.0 - 14.5	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2020 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/20/2020	0.5 U	0.5 U	1.3	0.5 U	1.3
	7	111.0 - 111.5	04/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-25 CMT	2	29.2 - 29.7	04/20/2020	51	33	27	0.80	113
	3	42.3 - 42.8	04/15/2020	118	85	32	1.3	237
	4	59.3 - 59.8	04/15/2020	119	34	71	21	249
	5	71.7 - 72.2	04/15/2020	0.5 U	0.5 U	9.4	1.7	11
	6	82.2 - 82.7	04/15/2020	89	9.9	4.8	0.79	105
	7	107.0 - 107.5	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/14/2020	40	3.1	0.70	0.5 U	44
MW-99 (dup)	3	42.3 - 42.8	04/14/2020	40	3.0	0.57	0.5 U	44
	4	59.3 - 59.8	04/14/2020	67	13	4.7	2.9	88
	5	69.2 - 69.7	04/14/2020	26	1.4	0.5 U	0.5 U	28
MW-27 CMT	1	13.8 - 14.3	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/21/2020	66	17	71	3.3	159
	4	58.7 - 59.2	04/15/2020	28	27	5.9	0.5 U	61
	7	116.0 - 116.5	04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/15/2020	8.1	2.7	0.57	0.5 U	11
	2	29.5 - 30.0	04/15/2020	15	5.7	1.5	0.5 U	22
	3	48.8 - 49.3	04/15/2020	111	39	13	0.5 U	163
	4	59.2 - 59.7	04/15/2020	71	23	7.0	0.5 U	101
	5	70.2 - 70.7	04/15/2020	3.1	1.4	0.89	0.5 U	5.4
MW-30 CMT	1	29.6 - 30.1	04/15/2020	52	13	7.0	0.54	72
	3	44.6 - 45.1	04/15/2020	26	19	14	3.6	63
	5	58.7 - 59.2	04/15/2020	54	11	4.2	0.5 U	69
MW-31 CMT	3	45.7 - 46.2	04/15/2020	49	9.7	9.5	2.0	70
	5	57.2 - 57.7	04/15/2020	46	16	12	1.7	75
MW-32 CMT	3	44.2 - 44.7	04/15/2020	106	13	2.1	1.8	123
	5	59.2 - 59.7	04/15/2020	102	12	7.6	2.0	123
MW-33 CMT	1	14.6 - 15.1	04/14/2020	0.5 U	0.67	0.5 U	0.5 U	0.67
	2	29.6 - 30.1	04/14/2020	62	21	7.4	0.5 U	91
	3	43.7 - 44.2	04/14/2020	60	18	4.7	0.5 U	82
	4	59.7 - 60.2	04/14/2020	34	8.3	1.7	0.5 U	44
	5	71.7 - 72.2	04/14/2020	27	6.9	1.7	0.5 U	36
MW-34 CMT	1	15.6 - 16.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)	3	44.6 - 45.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/21/2020	43	10	1.4	4.0	59
	5	72.6 - 73.1	04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/14/2020	0.71	0.5 U	0.5 U	0.5 U	0.71
	4	57.8 - 58.3	04/14/2020	0.62	0.5 U	0.5 U	0.5 U	0.62
MW-38 CMT	1	14.0 - 14.5	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2020 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/12/2020	0.5 U	0.5 U	1.1	0.5 UJ	1.1
	7	111.0 - 111.5	10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/12/2020	57	43	25	0.91 J	125
	3	42.3 - 42.8	10/07/2020	63	48	24	0.60	134
	4	59.3 - 59.8	10/07/2020	131	33	68	15	251
	5	71.7 - 72.2	10/07/2020	0.5 U	0.5 U	8.4	1.7	10
	6	82.2 - 82.7	10/07/2020	72	7.1	4.4	0.66	84
	7	107.0 - 107.5	10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	1	14.2 - 14.7	10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/07/2020	33	2.6	0.57	0.5 U	37
	4	59.3 - 59.8	10/07/2020	63	11	3.8	1.4	79
	5	69.2 - 69.7	10/07/2020	19	0.91	0.51	0.5 U	21
MW-27 CMT	1	13.8 - 14.3	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/12/2020	56	13	53	2.3 J	126
	4	58.7 - 59.2	10/08/2020	30	25	3.3	0.5 U	58
	7	116.0 - 116.5	10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/07/2020	8.1	3.1	0.93	0.5 U	12
	2	29.5 - 30.0	10/07/2020	13	4.7	1.4	0.5 U	19
	3	48.8 - 49.3	10/07/2020	85	29	12	0.5 U	126
MW-98 (dup)	3	48.8 - 49.3	10/07/2020	92	29	12	0.5 U	133
	4	59.2 - 59.7	10/07/2020	54	16	5.7	0.5 U	76
	5	70.2 - 70.7	10/07/2020	1.6	0.89	0.5 U	0.5 U	2.5
MW-30 CMT	1	29.6 - 30.1	10/08/2020	50	9.9	6.5	0.58	67
	3	44.6 - 45.1	10/08/2020	26	16	15	3.8	60
	5	58.7 - 59.2	10/08/2020	53	9.8	3.9	0.5 U	67
MW-31 CMT	3	45.7 - 46.2	10/08/2020	53	8.2	5.8	1.7	68
	5	57.2 - 57.7	10/08/2020	35	11	12	2.2	61
MW-32 CMT	3	44.2 - 44.7	10/08/2020	91	12	2.0	2.3	106
	5	59.2 - 59.7	10/08/2020	88	9.4	7.1	1.8	106
MW-33 CMT	1	14.6 - 15.1	10/07/2020	0.5 U	0.70	0.5 U	0.5 U	0.70
	2	29.6 - 30.1	10/07/2020	50	16	5.8	0.5 U	71
	3	43.7 - 44.2	10/07/2020	57	17	4.8	0.5 U	78
	4	59.7 - 60.2	10/07/2020	32	7.6	1.8	0.5 U	42
	5	71.7 - 72.2	10/07/2020	27	6.2	1.9	0.5 U	35
MW-34 CMT	1	15.6 - 16.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
	3	44.6 - 45.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-97 (dup)	3	44.6 - 45.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
	4	60.7 - 61.2	10/12/2020	46	9.7	1.7	5.0 J	62
	5	72.6 - 73.1	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
	3	44.8 - 45.3	10/09/2020	0.89 J	0.5 U	0.5 U	0.5 UJ	0.89
	4	57.8 - 58.3	10/09/2020	0.67 J	0.5 U	0.5 U	0.5 UJ	0.67
MW-38 CMT	1	14.0 - 14.5	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2021 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/20/2021	0.5 U	0.5 U	1.0	0.5 U	1.0
	7	111.0 - 111.5	04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/20/2021	42	46	25	1.1	114
	3	42.3 - 42.8	04/21/2021	33	30	16	1.3	80
	4	59.3 - 59.8	04/21/2021	45	26	66	17	159
	5	71.7 - 72.2	04/21/2021	0.5 U	0.5 U	9.7	2.5	12
	6	82.2 - 82.7	04/21/2021	69	8.2	4.9	0.92	82
	7	107.0 - 107.5	04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/22/2021	41	3.2	0.63	0.5 U	45
	4	59.3 - 59.8	04/22/2021	68	14	4.3	2.5	88
	5	69.2 - 69.7	04/22/2021	23	1.4	0.64	0.5 U	25
MW-27 CMT	1	13.8 - 14.3	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/20/2021	64	12	71	4.9	154

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-27 CMT	4	58.7 - 59.2	04/22/2021	24	29	7.2	0.5 U	60
	7	116.0 - 116.5	04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/23/2021	13	5.8	1.6	0.5 U	21
	2	29.5 - 30.0	04/23/2021	17	6.9	2.2	0.5 U	26
	3	48.8 - 49.3	04/23/2021	111	41	13	0.5 U	165
	4	59.2 - 59.7	04/23/2021	62	22	6.1	0.5 U	90
	5	70.2 - 70.7	04/23/2021	2.0	1.2	0.69	0.5 U	3.9
MW-30 CMT	1	29.6 - 30.1	04/23/2021	58	15	7.1	0.5 U	80
	3	44.6 - 45.1	04/23/2021	27	19	16	3.9	66
	5	58.7 - 59.2	04/23/2021	51	11	4.1	0.5 U	66
MW-31 CMT	3	45.7 - 46.2	04/22/2021	57	8.7	4.2	1.3	71
	5	57.2 - 57.7	04/22/2021	38	15	12	2.0	66
MW-32 CMT	3	44.2 - 44.7	04/22/2021	88	12	2.1	1.8	104
MW-98 (dup)	3	44.2 - 44.7	04/22/2021	88	12	2.1	1.8	104
	5	59.2 - 59.7	04/22/2021	78	10	7.0	1.7	97
MW-33 CMT	1	14.6 - 15.1	04/23/2021	0.62	0.86	0.5 U	0.5 U	1.5
	2	29.6 - 30.1	04/23/2021	55	21	5.6	0.5 U	81
	3	43.7 - 44.2	04/23/2021	56	18	4.6	0.5 U	79
	4	59.7 - 60.2	04/23/2021	32	8.6	1.9	0.5 U	42
MW-97 (dup)	4	59.7 - 60.2	04/23/2021	34	9.1	2.0	0.5 U	45
	5	71.7 - 72.2	04/23/2021	30	7.7	2.1	0.5 U	40
MW-34 CMT	1	15.6 - 16.1	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/20/2021	44	9.5	1.5	7.3	62
	5	72.6 - 73.1	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/22/2021	0.95	0.5 U	0.5 U	0.5 U	0.95
	4	57.8 - 58.3	04/22/2021	0.67	0.5 U	0.5 U	0.5 U	0.67
MW-38 CMT	1	14.0 - 14.5	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
October 2021 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	10/11/2021	0.5 U	0.5 U	1.1	0.5 U	1.1
	7	111.0 - 111.5	10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	10/11/2021	40	39	19	1.1	100
	3	42.3 - 42.8	10/07/2021	42	34	14	0.62	90
	4	59.3 - 59.8	10/07/2021	60	36	74	16	190
	5	71.7 - 72.2	10/07/2021	0.5 U	0.5 U	9.6	2.2	12
	6	82.2 - 82.7	10/07/2021	60	7.6	4.9	0.54	74
	7	107.0 - 107.5	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-26 CMT	1	14.2 - 14.7	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	10/07/2021	31	2.8	0.5 U	0.5 U	34
	4	59.3 - 59.8	10/07/2021	58	14	4.0	1.8	78
	5	69.2 - 69.7	10/07/2021	24	1.1	0.5 U	0.5 U	25
MW-27 CMT	1	13.8 - 14.3	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	10/12/2021	55	18	68	3.0	146
	4	58.7 - 59.2	10/06/2021	29	26	2.8	0.5 U	58
	7	116.0 - 116.5	10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	10/06/2021	3.4	1.3	0.5 U	0.5 U	4.7
	2	29.5 - 30.0	10/06/2021	15	6.6	1.9	0.5 U	24
	3	48.8 - 49.3	10/06/2021	87	34	12	0.5 U	133
	4	59.2 - 59.7	10/06/2021	51 J	19 J	6.4 J	0.5 UJ	77

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT	5	70.2 - 70.7	10/06/2021	1.8	1.3	0.50	0.5 U	3.6
MW-30 CMT	1	29.6 - 30.1	10/06/2021	37	9.4	6.3	0.61	53
	3	44.6 - 45.1	10/06/2021	23	20	16	3.8	63
	5	58.7 - 59.2	10/06/2021	41	8.5	3.6	0.5 U	53
MW-31 CMT	3	45.7 - 46.2	10/06/2021	50	7.3	3.2	1.2	62
	5	57.2 - 57.7	10/06/2021	34	12	11	1.7	59
MW-32 CMT	3	44.2 - 44.7	10/06/2021	81	9.7	2.0	1.8	94
	5	59.2 - 59.7	10/06/2021	71	9.7	7.2	1.2	89
MW-33 CMT	1	14.6 - 15.1	10/06/2021	0.5 U	0.83	0.5 U	0.5 U	0.83
	2	29.6 - 30.1	10/06/2021	44	17	5.2	0.5 U	66
	3	43.7 - 44.2	10/06/2021	44	16	4.5	0.5 U	64
	4	59.7 - 60.2	10/06/2021	28	7.9	1.9	0.5 U	37
	5	71.7 - 72.2	10/06/2021	23	6.4	1.7	0.5 U	31
MW-34 CMT	1	15.6 - 16.1	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	10/07/2021	55	7.8	1.4	4.1	68
	5	72.6 - 73.1	10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	10/06/2021	0.53	0.5 U	0.5 U	0.5 U	0.53
	4	57.8 - 58.3	10/06/2021	0.59	0.5 U	0.5 U	0.5 U	0.59
MW-38 CMT	1	14.0 - 14.5	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)	4	57.2 - 57.7	10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
April 2022 Sampling Event								
MW-24 CMT	4	61.1 - 61.6	04/12/2022	0.5 U	0.5 U	1.0	0.5 U	1.0
	7	111.0 - 111.5	04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	04/12/2022	58	54	25	0.82	138
	3	42.3 - 42.8	04/13/2022	74	41	22	1.3	137
	4	59.3 - 59.8	04/12/2022	34	36	80	19	175
	5	71.7 - 72.2	04/13/2022	0.5 U	0.5 U	12	2.6	15
	6	82.2 - 82.7	04/13/2022	70	8.2	5.9	1.1	85
	7	107.0 - 107.5	04/13/2022	0.62	0.5 U	0.5 U	0.5 U	0.62
MW-26 CMT	1	14.2 - 14.7	04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	42.3 - 42.8	04/13/2022	53	3.1	0.5 U	0.5 U	57
MW-99 (dup)	3	42.3 - 42.8	04/13/2022	51	3.3	0.5 U	0.5 U	55
	4	59.3 - 59.8	04/13/2022	77	15	6.1	2.0	100
	5	69.2 - 69.7	04/13/2022	32	1.0	0.5 U	0.5 U	33
MW-27 CMT	1	13.8 - 14.3	04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	43.7 - 44.2	04/12/2022	70	15	73	2.5	163
	4	58.7 - 59.2	04/15/2022	42	29	3.7	0.5 U	75
	7	116.0 - 116.5	04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	04/15/2022	9.3	2.7	0.58	0.5 U	13
	2	29.5 - 30.0	04/15/2022	25	9.0	2.3	0.5 U	36
	3	48.8 - 49.3	04/15/2022	145	43	13	0.5 U	202
	4	59.2 - 59.7	04/15/2022	84	23	6.6	0.5 U	114
	5	70.2 - 70.7	04/15/2022	2.5	1.6	0.97	0.5 U	5.0
MW-30 CMT	1	29.6 - 30.1	04/15/2022	57	13	6.3	0.5 U	76
	3	44.6 - 45.1	04/15/2022	35	20	16	2.8	74
	5	58.7 - 59.2	04/15/2022	54	13	4.5	0.5 U	72
MW-31 CMT	3	45.7 - 46.2	04/14/2022	55	7.5	7.7	1.5	72

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-31 CMT	5	57.2 - 57.7	04/14/2022	38	17	13	1.3	70
MW-98 (dup)	5	57.2 - 57.7	04/14/2022	38	18	14	1.4	70
MW-32 CMT	3	44.2 - 44.7	04/14/2022	113	12	2.3	1.5	129
	5	59.2 - 59.7	04/14/2022	96	11	7.6	1.2	116
MW-33 CMT	1	14.6 - 15.1	04/14/2022	0.5 U	0.73	0.5 U	0.5 U	0.73
	2	29.6 - 30.1	04/14/2022	64	20	6.0	0.5 U	89
	3	43.7 - 44.2	04/14/2022	65	19	4.9	0.5 U	89
	4	59.7 - 60.2	04/14/2022	38	9.3	2.0	0.5 U	49
	5	71.7 - 72.2	04/14/2022	33	8.0	2.1	0.5 U	43
MW-34 CMT	1	15.6 - 16.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/12/2022	55	6.4	1.4	4.5	67
	5	72.6 - 73.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/14/2022	0.71	0.5 U	0.5 U	0.5 U	0.71
	4	57.8 - 58.3	04/14/2022	0.79	0.5 U	0.5 U	0.5 U	0.79
MW-38 CMT	1	14.0 - 14.5	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DEQ RBC Screening Level Criteria for Groundwater[a]								
Ingestion and Inhalation								
Residential				12	0.49	36	0.027	NA
Urban Residential				49	2.0	140	0.66	NA
Occupational				48	3.3	260	0.49	NA
Volatilization to Outdoor Air								
Residential				64,000	3,300	>S	350	NA
Urban Residential				150,000	6,900	>S	430	NA
Occupational				>S	20,000	>S	5,900	NA
Vapor Intrusion into Buildings								
Residential				3,700	200	>S	17	NA
Urban Residential				8,700	430	>S	21	NA
Occupational				48,000	3,700	>S	880	NA
GW in an Excavation								
Construction/Excavation				5,600	430	18,000	960	NA
EPA Maximum Contaminant Levels[b]								
Drinking Water				5	5	70	2	NA

Table 6
Groundwater Analytical Results - VOCs in CMT Wells by Event (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Notes:

[a] Oregon Department of Environmental Quality (DEQ) Generic Risk-Based Concentrations (revised May 2018)

[b] Environmental Protection Agency (EPA) National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCL) EPA 816-F-09-004, (EPA 2009)

btc = below top of casing

CVOCs = Combined total of detected chlorinated VOCs (PCE, TCE, DCE, and Vinyl Chloride)

DCE = Dichloroethene

J = Data validation qualifier. Estimated value. See data validation report for additional information.

NA = Not Applicable

PCE = Tetrachloroethene

TCE = Trichloroethene

U = Not detected at the reporting limit shown.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B/C/D

NV = No Value

- = not available or not applicable

>S = the RBC exceeds the solubility limit of this compound.

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-24 CMT	1	17.2 - 17.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.2 - 31.7	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	46.1 - 46.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	61.1 - 61.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.95	0.5 U	0.5 U	0.5 U	0.95
			04/16/2014	1.0	0.79	0.5 U	0.5 U	1.8
			10/23/2014	0.92	0.76	0.5 U	0.5 U	1.7
			07/07/2016	0.5 U	0.74	0.5 U	0.5 U	0.74
			03/29/2017	0.69	0.74	0.75	0.5 U	2.2
			10/24/2017	0.75	0.70	0.63	0.5 U	2.1
			04/25/2018	0.82 J	0.57	0.98 J	0.5 U	2.4
			10/09/2018	0.52	0.5 U	0.85	0.5 U	1.4
			04/15/2019	0.55	0.52	1.0	0.5 U	2.1
MW-98 (dup)			04/15/2019	0.61	0.57	1.1	0.5 U	2.3
			10/10/2019	0.5 U	0.5 U	1.2	0.5 U	1.2
			04/20/2020	0.5 U	0.5 U	1.3	0.5 U	1.3
			10/12/2020	0.5 U	0.5 U	1.1	0.5 UJ	1.1
			04/20/2021	0.5 U	0.5 U	1.0	0.5 U	1.0
			10/11/2021	0.5 U	0.5 U	1.1	0.5 U	1.1
			04/12/2022	0.5 U	0.5 U	1.0	0.5 U	1.0
	5	70.1 - 70.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/23/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	91.1 - 91.6	09/21/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	111.0 - 111.5	09/22/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/24/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/20/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7
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Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-24 CMT (cont'd)	7	111.0 - 111.5	04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-25 CMT	1	14.2 - 14.7	09/22/2011	0.54	0.5 U	0.5 U	0.5 U	0.54
			07/25/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.2 - 29.7	09/22/2011	100	12	4.7	0.97	118
			07/25/2012	240	30	11	2.8	284
			04/16/2014	86	13	11	5 U	110
			10/23/2014	78	14	16	0.86	109
			07/07/2016	70	26	23	0.63	119
			03/29/2017	72	31	25	0.84	129
			10/10/2019	42	40	23	0.90	105
			04/20/2020	51	33	27	0.80	113
			10/12/2020	57	43	25	0.91 J	125
			04/20/2021	42	46	25	1.1	114
			10/11/2021	40	39	19	1.1	100
			04/12/2022	58	54	25	0.82	138
	3	42.3 - 42.8	09/22/2011	9.6	4.4	6.0	1.6	22
			07/26/2012	37	6.1	4.9	0.5 U	48
			04/16/2014	140	72	27	3.4	242
			10/23/2014	95	40	20	1.4	156
			07/07/2016	88	55	25	1.0	169
			03/29/2017	91	81	34	2.1	210
			10/24/2017	103	58	28	1.1	190
			04/25/2018	129	90	34	2.0	256
			10/15/2018	57	37	25	0.69	121
			04/15/2019	153	108	37	1.8	301
			04/15/2020	118	85	32	1.3	238
			10/07/2020	63	48	24	0.60	135
			04/21/2021	33	30	16	1.3	81
			10/07/2021	42	34	14	0.62	90
			04/13/2022	74	41	22	1.3	137
	4	59.3 - 59.8	09/22/2011	100	22	18	8.9	149
			07/25/2012	52 J	14	11	6.6	84
			04/16/2014	100	21	18	14	154
			10/23/2014	110	20	25	13	169
			07/07/2016	112	21	38	14	187
			03/29/2017	150	25	45	19	241
			10/24/2017	188	29	58	24	303
			04/25/2018	150	23	50	23	248
			10/09/2018	153	29	50	17	252
			04/15/2019	146	26	55	17	247
			04/15/2020	119	34	71	21	249

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Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-25 CMT (cont'd)	4	59.3 - 59.8	10/07/2020	131	33	68	15	251
			04/21/2021	45	26	66	17	159
			10/07/2021	60	36	74	16	190
			04/12/2022	34	36	80	19	175
	5	71.7 - 72.2	09/22/2011	0.53	0.5 U	0.57	0.80	1.9
			07/25/2012	0.5 U	0.5 U	1.7	2.9	4.6
			04/16/2014	0.5 U	0.5 U	1.9	4.7	6.6
			10/23/2014	0.5 U	0.5 U	2.2	4.1	6.3
			07/07/2016	0.5 U	0.50	4.9	1.7	7.1
			03/29/2017	0.5 U	0.5 U	6.2	2.1	8.3
			10/11/2019	0.5 U	0.5 U	7.6	2.2	9.8
			04/15/2020	0.5 U	0.5 U	9.4	1.7	12
			10/07/2020	0.5 U	0.5 U	8.4	1.7	10
			04/21/2021	0.5 U	0.5 U	9.7	2.5	12
			10/07/2021	0.5 U	0.5 U	9.6	2.2	12
			04/13/2022	0.5 U	0.5 U	12	2.6	15
	6	82.2 - 82.7	09/22/2011	95	2.0	0.88	0.5 U	98
			07/25/2012	150	2.9	1.2	0.5 U	154
			04/16/2014	150	4.2	3.0	0.65	158
			10/23/2014	150	4.7	2.6	0.68	158
			07/07/2016	112	5.2	2.3	0.53	120
			03/29/2017	91	5.1	2.5	0.69	99
			04/15/2020	89	9.9	4.8	0.79	105
			10/07/2020	72	7.1	4.4	0.66	84
			04/21/2021	69	8.2	4.9	0.92	82
			10/07/2021	60	7.6	4.9	0.54	74
			04/13/2022	70	8.2	5.9	1.1	85
	7	107.0 - 107.5	09/22/2011	1.7	0.5 U	0.5 U	0.5 U	1.7
			07/26/2012	0.60	0.5 U	1.3	0.5 U	1.9
			04/16/2014	0.5 U	0.5 U	0.88	0.5 U	0.88
			10/23/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/07/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/21/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/13/2022	0.62	0.5 U	0.5 U	0.5 U	0.62
MW-26 CMT	1	14.5 - 15.0	09/28/2011	1.3	0.5 U	0.5 U	0.5 U	1.3
			07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/13/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.6 - 30.1	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/26/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	2	29.6 - 30.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
(cont'd)			10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/08/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.5 - 45.0	09/28/2011	20	2.0	0.62	0.5 U	23
			07/26/2012	19	1.7	0.5 U	0.5 U	21
			04/17/2014	34	2.6	0.5 U	0.5 U	37
			10/22/2014	24	2.6	0.58	0.5 U	27
			07/08/2016	37	2.9	0.5 U	0.5 U	40
			04/04/2017	33	2.5	0.5 U	0.5 U	35
			10/26/2017	43	3.1	0.5 U	0.5 U	46
			04/25/2018	30	2.6	0.65	0.5 U	33
			10/12/2018	26	2.6	0.88	0.5 U	30
			04/11/2019	38	2.7	0.5 U	0.5 U	40
			10/15/2019	38	2.7	0.5 U	0.5 U	40
			04/14/2020	40	3.1	0.70	0.5 U	44
MW-99 (dup)			04/14/2020	40	3.0	0.57	0.5 U	44
			10/07/2020	33	2.6	0.57	0.5 U	37
			04/22/2021	41	3.2	0.63	0.5 U	45
			10/07/2021	31	2.8	0.5 U	0.5 U	34
			04/13/2022	53	3.1	0.5 U	0.5 U	57
MW-99 (dup)			04/13/2022	51	3.3	0.5 U	0.5 U	55
	4	59.5 - 60.0	09/28/2011	70	1.7	0.53	0.5 U	72
			07/26/2012	54	1.2	0.69	0.5 U	56
			04/17/2014	71	2.4	1.3	0.5 U	75
			10/22/2014	64	2.4	1.4	0.5 U	68
			07/08/2016	64	3.5	1.7	1.6	71
MW-99 (dup)			07/08/2016	66	4.0	2.1	2.0	74
			04/04/2017	92	4.8	1.7	1.4	100
			10/26/2017	87	5.8	1.9	1.2	96
			04/25/2018	76	6.8	2.6	2.3	88
MW-96 (dup)			04/25/2018	78	6.2	2.1	1.8	88
			10/12/2018	65	7.6	2.9	1.9	77
			04/11/2019	84	9.1	2.8	1.9	98
			10/15/2019	73	9.5	2.6	1.7	87
			04/14/2020	67	13	4.7	2.9	88
			10/07/2020	63	11	3.8	1.4	79
			04/22/2021	68	14	4.3	2.5	88
			10/07/2021	58	14	4.0	1.8	78
			04/13/2022	77	15	6.1	2.0	100
	5	69.2 - 69.7	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	0.76	0.5 U	0.5 U	0.5 U	0.76
			04/17/2014	24	1.1	0.5 U	0.5 U	25
			10/22/2014	24	0.94	0.5 U	0.5 U	25
			07/08/2016	16	1.4	0.5 U	0.5 U	17
			04/04/2017	19	4.2	0.73	1.4	25
			10/26/2017	27	1.8	0.5 U	0.5 U	29
			04/25/2018	22	1.5	0.5 U	0.5 U	23
			10/12/2018	21	1.3	0.63	0.5 U	23
			04/11/2019	24	1.8	0.5 U	0.5 U	26
			10/15/2019	22	1.4	0.5 U	0.5 U	23
			04/14/2020	26	1.4	0.5 U	0.5 U	28
			10/07/2020	19	0.91	0.51	0.5 U	21
			04/22/2021	23	1.4	0.64	0.5 U	25
			10/07/2021	24	1.1	0.5 U	0.5 U	25
			04/13/2022	32	1.0	0.5 U	0.5 U	33
	6	98.1 - 98.6	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-26 CMT	6	98.1 - 98.6	07/27/2012	0.5 U	0.60	0.5 U	0.5 U	0.60
(cont'd)			04/22/2014	2.2	1.3	0.75	0.5 U	4.3
			10/22/2014	0.5 U	0.80	3.6	0.5 U	4.4
			07/08/2016	0.5 U	2.3	1.8	9.9	14
			04/04/2017	0.5 U	9.4	6.3	61	76
	7	114.5 - 115.0	09/28/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/22/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/08/2016	0.5 U	0.67	2.0	6.8	9.5
			04/04/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-27 CMT	1	13.8 - 14.3	09/26/2011	0.5 U	1.1	0.5 U	0.5 U	1.1
			07/30/2012	0.5 U	1.1	0.5 U	0.5 U	1.1
			04/15/2014	0.5 U	0.62	0.5 U	0.5 U	0.62
			10/21/2014	1.8	0.55	0.5 U	0.5 U	2.4
			07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.56	0.5 U	0.5 U	0.5 U	0.56
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/14/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	28.9 - 29.4	09/26/2011	0.98	0.5 U	1.6	0.5 U	2.6
			07/30/2012	4.2	0.5 U	0.5 U	0.5 U	4.2
			04/15/2014	5.4	1.1	20	3.8	31
			10/21/2014	9.5	1.4	0.70	0.5 U	12
			07/13/2016	8.8	1.4	1.2	0.5 U	11
			03/31/2017	12	1.6	1.7	0.5 U	15
	3	43.7 - 44.2	09/26/2011	88	1.9	0.72	0.5 U	91
			07/30/2012	140	3.2	2.4	0.5 U	146
			04/15/2014	150	15	7.7	1.8	175
			10/21/2014	200	31	13	2.3	246
			07/13/2016	88	24	65	3.6	182
			03/31/2017	100	22	76	3.9	204
			10/24/2017	82	14	74	3.7	177
			04/25/2018	63	13	73	4.4	155
			10/09/2018	51	12	61	2.7	128
			04/15/2019	64	14	74	3.4 J	158
			10/10/2019	55	14	62	2.8	135
			04/21/2020	66	17	71	3.3	159
			10/12/2020	56	13	53	2.3 J	126
			04/20/2021	64	12	71	4.9	154
			10/12/2021	55	18	68	3.0	146
			04/12/2022	70	15	73	2.5	163
	4	58.7 - 59.2	09/26/2011	5.4	0.50	0.5 U	0.5 U	5.9
			07/30/2012	20	1.3	0.59	0.5 U	22
			04/15/2014	21	2.3	1.5	0.5 U	25
			10/21/2014	26	1.8	0.74	0.5 U	29
			07/13/2016	20	16	1.7	0.5 U	37
			03/31/2017	23	18	2.5	0.5 U	44
			10/24/2017	33	17	1.2	0.5 U	51

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvilla Dry Cleaner
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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-27 CMT	4	58.7 - 59.2	04/25/2018	21	20	4.3	0.5 U	44
(cont'd)			10/09/2018	29	19	2.7	0.5 U	51
			04/15/2019	27	22	4.8	0.5 U	54
			10/14/2019	30	21	3.6	0.5 U	55
			04/15/2020	28	27	5.9	0.5 U	61
			10/08/2020	30	25	3.3	0.5 U	58
			04/22/2021	24	29	7.2	0.5 U	60
			10/06/2021	29	26	2.8	0.5 U	58
			04/15/2022	42	29	3.7	0.5 U	75
	5	73.9 - 74.4	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	1.9	0.5 U	0.5 U	0.5 U	1.9
			04/15/2014	3.3	1.0	1.3	0.5 U	5.6
			10/21/2014	2.5	0.75	2.0	0.5 U	5.3
			07/13/2016	2.9	0.60	2.6	0.5 U	6.1
			03/31/2017	4.5	0.83	2.9	0.5 U	8.2
	6	99.5 - 100.0	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	1.1	0.5 U	0.79	0.5 U	1.9
			04/21/2014	0.5 U	1.2	3.1	1.1	5.4
			10/21/2014	0.5 U	0.5 U	6.1	0.5 U	6.1
			07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	116.0 - 116.5	09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			09/26/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/30/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/13/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/10/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/21/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2020	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/20/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-28 CMT	1	14.3 - 14.8	09/27/2011	1.5	0.58	0.5 U	0.5 U	2.1
			07/31/2012	2.3	0.91	0.5 U	0.5 U	3.2
			04/16/2014	7.0	3.6	1.2	0.5 U	12
			10/21/2014	5.4	2.6	0.77	0.5 U	8.8
			07/12/2016	6.8	3.3	1.0	0.5 U	11
			03/31/2017	13	5.9	2.1	0.5 U	21
			10/25/2017	5.7	2.2	0.54	0.5 U	8.4
			04/25/2018	11	4.8	1.4	0.5 U	17
			10/15/2018	8.4	3.5	1.0	0.5 U	13
			04/11/2019	16	6.8	2.0	0.5 UJ	25
			10/14/2019	17	5.6	1.7	0.5 U	24
			04/15/2020	8.1	2.7	0.57	0.5 U	11
			10/07/2020	8.1	3.1	0.93	0.5 U	12
			04/23/2021	13	5.8	1.6	0.5 U	21
			10/06/2021	3.4	1.3	0.5 U	0.5 U	4.7
			04/15/2022	9.3	2.7	0.58	0.5 U	13
	2	29.5 - 30.0	09/27/2011	3.7	0.89	0.5 U	0.5 U	6.2
			07/31/2012	5.0	1.3	0.5 U	0.5 U	7.2

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT	2	29.5 - 30.0	04/16/2014	3.6	1.2	0.5 U	0.5 U	4.8
MW-98 (dup)			04/16/2014	5.3	1.5	0.5 U	0.5 U	7.4
			10/21/2014	5.3	1.8	0.58	0.5 U	7.7
			07/12/2016	5.8	1.9	0.70	0.5 U	8.4
			03/31/2017	8.0	2.5	0.92	0.5 U	11
			10/25/2017	7.9	2.6	0.67	0.5 U	11
			04/25/2018	9.9	2.9	0.87	0.5 U	14
			10/15/2018	10	3.2	0.89	0.5 U	15
			04/11/2019	12	4.0	1.1	0.5 UJ	17
			10/14/2019	15	4.2	1.2	0.5 U	20
			04/15/2020	15	5.7	1.5	0.5 U	22
			10/07/2020	13	4.7	1.4	0.5 U	19
			04/23/2021	17	6.9	2.2	0.5 U	26
			10/06/2021	15	6.6	1.9	0.5 U	24
			04/15/2022	25	9.0	2.3	0.5 U	36
	3	48.8 - 49.3	09/27/2011	58	21	7.4	0.5 U	86
			07/31/2012	70	22	7.2	0.5 U	99
			04/16/2014	77	24	7.1	0.5 U	108
			10/21/2014	79	25	7.7	0.5 U	112
			07/12/2016	69	23	9.5	0.5 U	102
			03/31/2017	90	27	11	0.5 U	128
			10/25/2017	90	27	10	0.5 U	127
			04/25/2018	86	26	9.8	0.5 U	121
			10/15/2018	95	28	11	0.5 U	135
			04/11/2019	93	30	12	0.5 U	134
			10/14/2019	104	29	12	0.5 U	144
			04/15/2020	111	39	13	0.5 U	163
			10/07/2020	85	29	12	0.5 U	126
MW-98 (dup)			10/07/2020	92	29	12	0.5 U	133
			04/23/2021	111	41	13	0.5 U	165
			10/06/2021	87	34	12	0.5 U	133
			04/15/2022	145	43	13	0.5 U	202
	4	59.2 - 59.7	09/27/2011	27	12	5.0	0.5 U	44
			07/31/2012	47	15	4.9	0.5 U	67
			04/16/2014	37	15	4.8	0.5 U	57
			10/21/2014	53	18	5.1	0.5 U	76
MW-99 (dup)			10/21/2014	50	18	4.9	0.5 U	73
			07/12/2016	48	18	6.2	0.5 U	72
MW-98 (dup)			07/12/2016	51	18	6.5	0.5 U	75
			03/31/2017	54	17	6.2	0.5 U	76
MW-98 (dup)			03/31/2017	52	17	6.2	0.5 U	75
			10/25/2017	56	18	5.8	0.5 U	79
			04/25/2018	61	18	6.0	0.5 U	84
			10/15/2018	64	19	5.8	0.5 U	88
			04/11/2019	63	18	6.3	0.5 U	88
			10/14/2019	71 J	18 J	6.0	0.5 U	94
			04/15/2020	71	23	7.0	0.5 U	101
			10/07/2020	54	16	5.7	0.5 U	76
			04/23/2021	62	22	6.1	0.5 U	90
			10/06/2021	51 J	19 J	6.4 J	0.5 UJ	77 J
			04/15/2022	84	23	6.6	0.5 U	114
	5	70.2 - 70.7	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/16/2014	1.0	0.50	0.5 U	0.5 U	1.5
			10/21/2014	1.1	0.5 U	0.5 U	0.5 U	1.1
			07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/25/2017	1.8	0.58	0.5 U	0.5 U	2.3

Table 7
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Former Springvilla Dry Cleaner
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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-28 CMT	5	70.2 - 70.7	04/25/2018	1.9	0.63	0.5 U	0.5 U	2.5
(cont'd)			10/15/2018	2.1	0.75	0.57	0.5 U	3.4
			04/11/2019	1.2	0.5 U	0.5 U	0.5 U	1.2
			10/14/2019	1.5 J	0.53 J	0.5 U	0.5 U	2.0
MW-96 (dup)			10/14/2019	1.2 J	0.51 J	0.5 U	0.5 U	1.7
			04/15/2020	3.1	1.4	0.89	0.5 U	5.9
			10/07/2020	1.6	0.89	0.5 U	0.5 U	2.5
			04/23/2021	2.0	1.2	0.69	0.5 U	3.9
			10/06/2021	1.8	1.3	0.50	0.5 U	3.6
			04/15/2022	2.5	1.6	0.97	0.5 U	5.0
	6	98.0 - 98.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	0.68	0.72	0.56	0.5 U	2.0
			04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/12/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/31/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	134.0 - 134.5	09/27/2011	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/31/2012	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/12/2016	0.5 U	0.5 U	3.4	1.3	4.7
			03/31/2017	0.5 U	0.5 U	4.6	3.8	8.4
MW-30 CMT	1/2	29.6 - 30.1	04/16/2014	48	13	5.3	0.72	67
			10/21/2014	24	6.9	7.9	0.5 U	39
			07/12/2016	42	12	8.8	0.53	63
			04/03/2017	55	16	8.8	0.62	80
			10/25/2017	43	10	5.6	0.55	59
			04/25/2018	58	17	7.8	1.0	83
			10/15/2018	49	11	6.7	0.57	67
			04/12/2019	47	12	6.1	0.5 U	65
			10/14/2019	55	9.8	6.5	0.5 U	71
			04/15/2020	52	13	7.0	0.54	73
			10/08/2020	50	9.9	6.5	0.58	67
			04/23/2021	58	15	7.1	0.5 U	80
			10/06/2021	37	9.4	6.3	0.61	53
			04/15/2022	57	13	6.3	0.5 U	76
	3/4	44.6 - 45.1	04/16/2014	29	6.0	3.5	0.58	39
			10/21/2014	30	6.9	3.5	0.54	41
			07/12/2016	14	7.4	24	3.1	48
			04/03/2017	18	9.7	20	4.2	52
			10/25/2017	20	16	14	3.8	54
			04/25/2018	22	13	13	3.8	52
			10/15/2018	24	12	12	2.3	51
			04/12/2019	26	15	12	2.6	55
			10/14/2019	33	15	12	2.4	62
			04/15/2020	26	19	14	3.6	64
			10/08/2020	26	16	15	3.8	60
			04/23/2021	27	19	16	3.9	66
			10/06/2021	23	20	16	3.8	63
			04/15/2022	35	20	16	2.8	74
	5/6	58.7 - 59.2	04/16/2014	24	4.0	1.7	0.5 U	30
			10/21/2014	32	5.1	2.0	0.5 U	39
			07/12/2016	54	14	5.5	0.69	74
			04/03/2017	49	11	5.9	0.97	66
			10/25/2017	59	12	4.8	0.76	76
			04/25/2018	50	11	5.1	0.71	67
			10/15/2018	56	11	4.5	0.5 U	71
			04/12/2019	57	11	4.2	0.57	72

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-30 CMT	5/6	58.7 - 59.2	10/14/2019	60	9.3	4.1	0.5 U	73
(cont'd)			04/15/2020	54	11	4.2	0.5 U	70
			10/08/2020	53	9.8	3.9	0.5 U	67
			04/23/2021	51	11	4.1	0.5 U	66
			10/06/2021	41	8.5	3.6	0.5 U	53
			04/15/2022	54	13	4.5	0.5 U	72
	7	68.4 - 68.9	04/16/2014	1.8	0.64	0.5 U	0.5 U	2.4
			10/21/2014	3.3	0.78	0.5 U	0.5 U	4.1
			07/12/2016	4.1	1.4	2.6	0.5 U	8.2
			04/03/2017	11	2.7	4.9	0.5 U	18
MW-31 CMT	1/2	32.2 - 32.7	04/15/2014	19	3.6	0.62	0.5 U	23
			10/21/2014	14	3.9	1.7	0.5 U	20
			07/12/2016	21	3.2	1.5	0.5 U	26
			04/03/2017	26	3.9	1.6	0.5 U	31
	3/4	45.7 - 46.2	04/15/2014	45	1.2	0.5 U	0.5 U	46
			10/21/2014	42	2.7	0.56	0.5 U	45
			07/12/2016	35	5.9	5.3	0.5 U	46
			04/03/2017	42	8.1	9.3	0.5 U	59
			10/25/2017	42	7.0	6.7	1.2	57
			04/25/2018	46	8.8	7.1	0.83	63
			10/15/2018	48	7.6	7.3	0.66	63
			04/12/2019	48	8.2	8.0	1.1	65
			10/14/2019	61	7.1	4.0	0.62	73
			04/15/2020	49	9.7	9.5	2.0	71
			10/08/2020	53	8.2	5.8	1.7	68
			04/22/2021	57	8.7	4.2	1.3	71
			10/06/2021	50	7.3	3.2	1.2	62
			04/14/2022	55	7.5	7.7	1.5	72
	5/6	57.2 - 57.7	04/15/2014	32 J	8.9	8.0	2.7	52
			10/21/2014	28	9.0	8.0	2.2	47
			07/12/2016	30	12	9.3	1.9	53
			04/03/2017	39	15	11	2.1	67
			10/25/2017	35	14	9.6	2.2	61
			04/25/2018	38	16	11	2.9	68
			10/15/2018	38	15	11	1.8	65
			04/12/2019	37	18	11	1.8	68
			10/14/2019	46	12	10	1.3	70
			04/15/2020	46	16	12	1.7	75
			10/08/2020	35	11	12	2.2	61
			04/22/2021	38	15	12	2.0	66
			10/06/2021	34	12	11	1.7	59
			04/14/2022	38	17	13	1.3	70
MW-98 (dup)			04/14/2022	38	18	14	1.4	70
	7	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-32 CMT	1/2	28.7 - 29.2	04/15/2014	1.7	0.5 U	0.5 U	0.5 U	1.7
			10/21/2014	3.8	0.62	0.5 U	0.5 U	4.4
			07/08/2016	1.3	0.97	1.2	0.5 U	3.5
			04/03/2017	1.1	1.4	1.6	0.5 U	4.0
	3/4	44.2 - 44.7	04/15/2014	45	5 U	5 U	5 U	45
			10/21/2014	62	1.3	0.5 U	0.5 U	63
			07/08/2016	59	6.2	0.97	0.86	67
			04/03/2017	93	11	1.5	1.2	107
			10/25/2017	81	12	1.6	1.2	96
			04/25/2018	90	12	1.7	2.7	107
			10/15/2018	83	13	1.9	1.5	99

Table 7
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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-32 CMT	3/4	44.2 - 44.7	04/12/2019	93	14	2.1	1.5	110
MW-99 (dup)			04/12/2019	91	14	2.1	1.6	108
			10/14/2019	110	12	1.8	1.4	126
			04/15/2020	106	13	2.1	1.8	124
			10/08/2020	91	12	2.0	2.3	106
			04/22/2021	88	12	2.1	1.8	104
MW-98 (dup)			04/22/2021	88	12	2.1	1.8	104
			10/06/2021	81	9.7	2.0	1.8	94
			04/14/2022	113	12	2.3	1.5	129
	5/6	59.2 - 59.7	04/15/2014	98	5 U	5 U	5 U	98
			10/21/2014	130	5.5	3.4	1.2	140
			07/08/2016	75	6.0	4.1	1.1	86
			04/03/2017	110	7.8	5.4	1.5	125
MW-97 (dup)			04/03/2017	105	7.7	5.2	1.4	119
			10/25/2017	100	8.1	5.0	1.8	115
			04/25/2018	99	10	6.6	2.5	118
			10/15/2018	103	8.8	6.1	1.6	119
			04/12/2019	104	10	6.7	1.7	123
			10/14/2019	104	10	6.2	1.4	122
			04/15/2020	102	12	7.6	2.0	124
			10/08/2020	88	9.4	7.1	1.8	106
			04/22/2021	78	10	7.0	1.7	97
			10/06/2021	71	9.7	7.2	1.2	89
			04/14/2022	96	11	7.6	1.2	116
	7	67.5 - 68.0	10/21/2014	0.5 U	0.5 U	0.67	0.5 U	0.67
MW-33 CMT	1	14.6 - 15.1	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/11/2019	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U
			10/15/2019	0.57	0.54	0.5 U	0.5 U	1.1
			04/14/2020	0.5 U	0.67	0.5 U	0.5 U	0.67
			10/07/2020	0.5 U	0.70	0.5 U	0.5 U	0.70
			04/23/2021	0.62	0.86	0.5 U	0.5 U	1.5
			10/06/2021	0.5 U	0.83	0.5 U	0.5 U	0.83
			04/14/2022	0.5 U	0.73	0.5 U	0.5 U	0.73
	2	29.6 - 30.1	04/16/2014	41	12	4.3	0.5 U	57
			10/22/2014	40	14	4.4	0.5 U	58
			07/14/2016	46	16	7.8	0.5 U	70
			04/03/2017	53	18	5.8	0.5 U	76
			10/25/2017	47	15	4.7	0.5 U	67
			04/25/2018	53	19	7.0	0.5 U	78
			10/12/2018	40	16	5.0	0.5 U	60
			04/11/2019	54	17	5.1	0.5 UJ	77
			10/15/2019	47	16	4.9	0.5 U	68
			04/14/2020	62	21	7.4	0.5 U	91
			10/07/2020	50	16	5.8	0.5 U	71
			04/23/2021	55	21	5.6	0.5 U	81
			10/06/2021	44	17	5.2	0.5 U	66
			04/14/2022	64	20	6.0	0.5 U	89
	3	43.7 - 44.2	04/16/2014	30	9.4	2.9	0.5 U	42
			10/22/2014	34	11	3.0	0.5 U	48
			07/14/2016	44	13	4.3	0.5 U	61

Table 7
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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-33 CMT	3	43.7 - 44.2	04/03/2017	55	14	4.2	0.5 U	73
(cont'd)			10/25/2017	48	14	3.9	0.5 U	66
			04/25/2018	48	16	4.7	0.5 U	69
			10/12/2018	45	15	4.6	0.5 U	64
			04/11/2019	49	15	4.1	0.5 UJ	69
			10/15/2019	52	16	4.1	0.5 U	72
			04/14/2020	60	18	4.7	0.5 U	82
			10/07/2020	57	17	4.8	0.5 U	78
			04/23/2021	57	17	4.8	0.5 U	78
			10/06/2021	44	16	4.5	0.5 U	64
			04/14/2022	65	19	4.9	0.5 U	89
	4	59.7 - 60.2	04/16/2014	16	3.3	0.78	0.5 U	20
			10/22/2014	12	2.9	0.68	0.5 U	16
			07/14/2016	16	4.0	1.0	0.5 U	21
			04/03/2017	25	5.3	1.3	0.5 U	31
			10/25/2017	23	5.3	1.1	0.5 U	30
			04/25/2018	22	5.7	1.4	0.5 U	29
			10/12/2018	19	5.3	1.6	0.5 U	26
			04/11/2019	28	6.5	1.4	0.5 UJ	36
			10/15/2019	28	6.6	1.3	0.5 U	36
			04/14/2020	34	8.3	1.7	0.5 U	44
			10/07/2020	32	7.6	1.8	0.5 U	42
			04/23/2021	32	8.6	1.9	0.5 U	42
MW-97 (dup)			04/23/2021	34	9.1	2.0	0.5 U	45
			10/06/2021	28	7.9	1.9	0.5 U	37
			04/14/2022	38	9.3	2.0	0.5 U	49
	5	71.7 - 72.2	04/16/2014	7.2	1.4	0.5 U	0.5 U	8.6
			10/22/2014	7.6	1.5	0.5 U	0.5 U	9.1
			07/14/2016	14	3.1	0.69	0.5 U	18
MW-97 (dup)			07/14/2016	14	3.1	0.75	0.5 U	18
			04/03/2017	20	4.1	1.0	0.5 U	25
			10/25/2017	20	4.9	0.99	0.5 U	26
			04/25/2018	20	6.7	1.4	0.5 U	28
			10/12/2018	19	6.7	1.7	0.5 U	27
MW-98 (dup)			10/12/2018	18	6.3	1.7	0.5 U	26
			04/11/2019	23	6.3	1.4	0.5 UJ	31
			10/15/2019	23	5.8	1.3	0.5 U	30
			04/14/2020	27	6.9	1.7	0.5 U	36
			10/07/2020	27	6.2	1.9	0.5 U	35
			04/23/2021	30	7.7	2.1	0.5 U	40
			10/06/2021	23	6.4	1.7	0.5 U	31
			04/14/2022	33	8.0	2.1	0.5 U	43
	6	97.9 - 98.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/14/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	114.9 - 115.4	04/16/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/14/2016	0.5 U	0.5 U	0.62	1.3	1.9
			04/03/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-34 CMT	1	15.6 - 16.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7
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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-34 CMT	1	15.6 - 16.1	10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
(cont'd)			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	30.6 - 31.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.6 - 45.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
MW-97 (dup)			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	60.7 - 61.2	04/17/2014	1.9	0.5 U	0.5 U	0.5 U	1.9
			10/21/2014	5.8	0.5 U	0.5 U	0.5 U	5.8
			07/15/2016	22	3.9	0.5 U	0.5 U	25
			03/30/2017	25	7.9	0.61	1.0	34
			10/24/2017	25	11	1.1	1.7	40
			04/25/2018	25	8.2	1.1	4.9	39
MW-99 (dup)			04/25/2018	25	8.0	1.1	4.7	38
			10/10/2018	31	10	1.4	5.1	47
			04/15/2019	40	9.7	1.3	3.8	55
			10/10/2019	13	16	2.1	9.2	40
			04/21/2020	43	10	1.4	4.0	59
			10/12/2020	46	9.7	1.7	5.0	62
			04/20/2021	44	9.5	1.5	7.3	62
			10/07/2021	55	7.8	1.4	4.1	68
			04/12/2022	55	6.4	1.4	4.5	67
	5	72.6 - 73.1	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/24/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/15/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/15/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/07/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

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Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-34 CMT	5	72.6 - 73.1	04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	98.2 - 98.7	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	118.1 - 118.6	04/17/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/15/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-37 CMT	1	14.7 - 15.2	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/09/2020	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	31.8 - 32.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.8 - 45.3	04/18/2014	0.71	0.5 U	0.5 U	0.5 U	0.71
MW-97 (dup)			04/18/2014	0.67	0.5 U	0.5 U	0.5 U	0.67
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.58	0.5 U	0.5 U	0.5 U	0.58
			03/29/2017	0.60	0.5 U	0.5 U	0.5 U	0.60
			10/25/2017	0.54	0.5 U	0.5 U	0.5 U	0.54
MW-97 (dup)			10/25/2017	0.59	0.5 U	0.5 U	0.5 U	0.59
			04/25/2018	0.79	0.5 U	0.5 U	0.5 U	0.79
			10/12/2018	0.61	0.5 U	0.5 U	0.5 U	0.61
			04/11/2019	0.82	0.5 U	0.5 U	0.5 U	0.82
			10/11/2019	0.68	0.5 U	0.5 U	0.5 U	0.68
			04/14/2020	0.71	0.5 U	0.5 U	0.5 U	0.71
			10/09/2020	0.89 J	0.5 U	0.5 U	0.5 UJ	0.89
			04/22/2021	0.95	0.5 U	0.5 U	0.5 U	0.95
			10/06/2021	0.53	0.5 U	0.5 U	0.5 U	0.53
			04/14/2022	0.71	0.5 U	0.5 U	0.5 U	0.71
	4	57.8 - 58.3	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-99 (dup)			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/25/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.59	0.5 U	0.5 U	0.5 U	0.59
			04/11/2019	0.69	0.5 U	0.5 U	0.5 U	0.69
			10/11/2019	0.63	0.5 U	0.5 U	0.5 U	0.63
			04/14/2020	0.62	0.5 U	0.5 U	0.5 U	0.62
			10/09/2020	0.67 J	0.5 U	0.5 U	0.5 UJ	0.67
			04/22/2021	0.67	0.5 U	0.5 U	0.5 U	0.67

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MW-37 CMT	4	57.8 - 58.3	10/06/2021	0.59	0.5 U	0.5 U	0.5 U	0.59
(cont'd)			04/14/2022	0.79	0.5 U	0.5 U	0.5 U	0.79
	5	69.9 - 70.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	94.9 - 95.4	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	112.6 - 113.1	04/18/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/29/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-38 CMT	1	14.0 - 14.5	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	2	29.1 - 29.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	3	44.1 - 44.6	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	4	57.2 - 57.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-96 (dup)			04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.50	0.5 U	0.5 U	0.50
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/26/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/25/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/12/2018	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/12/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 7
Groundwater Analytical Results - VOCs in CMT Wells by Zone (ug/L)
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Channel	Sample Interval (feet btc)	Sample Date	PCE	TCE	cis-1,2-DCE	Vinyl Chloride	Total CVOCs
MW-38 CMT	4	57.2 - 57.7	10/11/2019	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
(cont'd)			04/14/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/08/2020	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/22/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-98 (dup)			10/06/2021	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			04/14/2022	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	5	69.2 - 69.7	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-97 (dup)			10/21/2014	0.5 U	0.51	0.5 U	0.5 U	0.51
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	6	84.3 - 84.8	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
	7	99.7 - 100.2	04/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			10/21/2014	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			07/11/2016	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
			03/30/2017	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DEQ RBC Screening Level Criteria for Groundwater[a]								
Ingestion and Inhalation								
Residential				12	0.49	36	0.027	NA
Urban Residential				49	2.0	140	0.66	NA
Occupational				48	3.3	260	0.49	NA
Volatilization to Outdoor Air								
Residential				64,000	3,300	>S	350	NA
Urban Residential				150,000	6,900	>S	430	NA
Occupational				>S	20,000	>S	5,900	NA
Vapor Intrusion into Buildings								
Residential				3,700	200	>S	17	NA
Urban Residential				8,700	430	>S	21	NA
Occupational				48,000	3,700	>S	880	NA
GW in an Excavation[d]								
Construction/Excavation				5,600	430	18,000	960	NA
EPA Maximum Contaminant Levels[b]								
Drinking Water				5	5	70	2	NA

Notes:

[a] Oregon Department of Environmental Quality (DEQ) Generic Risk-Based Concentrations (revised May 2018)

[b] Environmental Protection Agency (EPA) National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCL) EPA 816-F-09-004, (EPA 2009)

btc = below top of casing

CVOCs = Combined total of detected chlorinated VOCs (PCE, TCE, DCE, and Vinyl Chloride)

DCE = Dichloroethene

J = Estimated value. See corresponding data validation report for additional information.

NA = Not Applicable

PCE = Tetrachloroethene

TCE = Trichloroethene

U = Not detected at the reporting limit shown.

ug/l = micrograms per liter

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B/C/D

- = information not available or not applicable

>S = the RBC exceeds the solubility limit of this compound.

Table 8
Groundwater Analytical Results - Natural Attenuation Parameters
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Date	Temperature	Conductivity	Dissolved Oxygen	pH	Turbidity	ORP	TOC	Nitrate-Nitrogen	Nitrite-Nitrogen	Sulfate	Iron (total)	Iron (dissolved)	Manganese (total)	Manganese (dissolved)	Methane	Ethane	Ethene	DHC
		degrees	mS/cm	mg/L	units	NTU	mv	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	cells/ml
MW-24 C4	10/24/2017	61.4	0.224	0.23	8.2	0.174	-116.1	3,410	100 U	100 U	7,160	696	253	285	285	1,290	13 U	13 U	3.4
	04/24/2018	61.0	0.211	0.11	7.9	0.165	-36.6	3,140	100 U	100 U	7,450	461	300	321	314	1,600	13 U	13 U	1.1
	10/09/2018	60.3	0.278	0.24	7.5	0.180	88.2	2,720	100 U	100 U	6,950	206	228	274	306	805	13 U	13 U	1.8
	04/15/2019	58.8	0.282	0.33	7.0	0.183	120.7	3,760	100 U	100 U	8,040	358	225 J	313	309	907	13 U	13 U	19
	10/10/2019	52.1	0.294	0.98	8.4	0.191	92.0	3,330 J	100 UJ	100 UJ	7,180	891	228	311	308	1,420	13 U	13 U	28
	04/20/2020	60.7	0.216	0.25	8.1	0.170	-52.2	2,530 J	100 U[1]	100 U[1]	8,160 [1]	390	241	332	329	606	13 U	13 U	77
	10/12/2020	61.3	0.218	0.24	7.9	0.169	-14.4	2,420 J	100 U	100 U	7,180	714	267	332	339	1,270	13 U	13 U	95
	04/20/2021	60.6	0.216	0.52	8.0	0.170	16.8	2,400 J	100 U	100 U	7,610	336	235	304	309	1,060	13 U	13 U	99
	10/11/2021	57.2	0.283	0.47	10.2	0.184	76.8	2,350 J	100 U	100 U	8,150	633	244	349	334	658	13 U	13 U	98
	04/12/2022	56.3	0.271	0.43	10.0	0.176	162.9	1,920 J	100 U	100 U	7,760	395	255	324	357	648	13 U	13 U	2,860
MW-24 C7	10/24/2017	61.9	0.550	0.11	8.8	0.357	-220.9	6,790	100 U	100 U	83,300	2,930	2,860	80	83	78	13 U	13 U	0.90
	04/24/2018	62.2	0.420	0.20	8.6	0.273	-178.1	4,900	100 U	100 U	54,500	2,280	100 U	63	23	116	13 U	13 U	0.70 U
	10/09/2018	63.0	0.326	0.10	9.0	0.248	-236.8	4,220	100 U	100 U	43,300	100 U	100 U	18	20	16	13 U	13 U	0.20
	04/15/2019	59.2	0.283	0.24	10.2	0.227	-122.5	5,120	100 U	100 U	31,300	100 U	100 U	20	20	29	13 U	13 U	22
	10/10/2019	56.4	0.362	0.40	10.1	0.300	-260.3	8,980	219 J	100 UJ	73,900	178	100 U	45	41	94	13 U	13 U	3.5
	04/20/2020	60.9	0.267	0.25	9.1	0.207	-95.0	3,460 J	100 U	100 U	20,600	100 U	100 U	20	21	23	13 U	13 U	7.4
	10/12/2020	63.7	0.288	0.25	8.9	0.217	-72.9	3,780 J	100 U	100 U	19,100	517	100 U	31	21	81	13 U	13 U	0.90
	04/20/2021	60.8	0.260	0.25	8.6	0.205	-16.3	3,270 J	100 U	100 U	15,000	100 U	100 U	18	17	43	13 U	13 U	4.6
	10/11/2021	57.1	0.328	0.30	10.6	0.213	69.7	3,080 J	100 U	100 U	11,800	100 U	100 U	18	18	21	13 U	13 U	10
	04/12/2022	52.9	0.307	0.41	10.3	0.200	172.6	2,360 J	100 U	100 U	8,810	162	100 U	19	15	22	13 U	13 U	198
MW-25 C2	10/10/2019	58.7	0.381	0.62	7.6	0.248	129.2	1,000 U	394 J	100 UJ	5,000 U	137	100 U	82	86	313	13 U	13 U	8.5
	04/20/2020	62.7	0.306	0.26	7.3	0.234	1.9	1,000 U	399	100 U	5,460	137	100 U	110	118	221	13 U	13 U	931
	10/12/2020	63.0	0.315	0.27	7.6	0.241	16.6	1,000 U	319 J	100 U	5,060	216	100 U	92	110	278	13 U	13 U	962
	04/20/2021	59.8	0.400	0.79	9.2	0.26	167.3	1,000 U	307	100 U	5,100	100 U	100 U	127	134	774	13 U	13 U	832
	10/11/2021	59.0	0.413	1.19	10.4	0.268	174.8	1,000 U	378	100 U	5,500	100 U	100 U	115	119	208	13 U	13 U	736
	04/12/2022	61.5	0.327	0.16	7.9	0.260	12.4	3,570 J	100 U	100 U	5,000 U	3,170	100 U	96	5 U	137	13 U	13 U	1,510
MW-25 C4	10/24/2017	62.9	0.306	0.34	7.8	0.234	-76.0	1,000 U	100 U	100 U	5,150	2,750	369	1,480	1,470	946	13 U	13 U	50
	04/24/2018	62.5	0.375	0.28	7.5	0.244	6.0	1,000 U	100 U	100 U	5,000 U	665	402	1,680	1,650	1,210	13 U	13 U	852
	10/09/2018	62.1	0.367	0.19	7.3	0.238	135.2	1,000 U	100 U	100 U	5,000 U	491	324	1,400	1,460	93	13 U	13 U	1,440
	04/15/2019	59.4	0.409	0.30	6.7	0.266	122.7	2,830	100 U	100 U	5,000 U	864	400 J	1,820	1,680	707	13 U	13 U	2,080
	04/12/2022	61.1	0.366	0.14	7.9	0.287	-38.2	1,000 U	100 U	100 U	5,000 U	408	369	1,940	1,990	943	13 U	13 U	17,600
MW-27 C3	10/24/2017	59.4	0.396	0.19	7.6	0.258	-30.6	1,000 U	100 U	100 U	5,760	883	496	303	309	661	13 U	13 U	0.50 U
	04/24/2018	60.1	0.281	0.21	7.6	0.222	-23	1,000 U	100 U	100 U	5,300	2,070	511	353	317	612	13 U	13 U	0.50 U
	10/09/2018	59.4	0.361	0.26	7.3	0.234	155.0	1,000 U	100 U	100 U	5,000 U	810	340	238	237	58	13 U	13 U	1.7
	04/15/2019	58.6	0.261	0.52	9.0	0.210	8.8	1,930	100 U	100 U	5,360	886	337 J	306	253	407	13 U	13 U	0.40 J
	10/10/2019	57.0	0.363	0.38	7.5	0.236	20.4	1,000 U	100 U	100 U	5,640	504	309	256	239	384	13 U	13 U	1.2
	04/21/2020	58.4	0.268	0.18	7.6	0.217	-36.0	1,000 U	100 U	100 U	5,940	4,610	319	383	247	349	13 U	13 U	1.4
	10/12/2020	59.8	0.271	0.25	7.7	0.216	-6.7	1,000 U	100 U	100 U	5,560	2,020	335	361	273	421	13 U	13 U	4.0
	04/20/2021	56.0	0.366	0.56	9.4	0.238	115.8	1,000 U	100 U	100 U	5,630	2,060	306	320	264	512	13 U	13 U	1.0
	10/12/2021	55.3	0.366	0.66	10.1	0.238	228.7	1,000 U	100 U	100 U	6,140	2,940	302	470	277	338	13 U	13 U	0.30 J
	04/12/2022	57.9	0.273	0.12	8.2	0.222	-38.3	1,000 U	100 U	100 U	6,000	3,310	278	446	294	348	13 U	13 U	0.60
MW-27 C7	10/24/2017	58.9	0.203	0.12	8.7	0.163	-132.5	1,470	100 U	100 U	5,000 U	159	100 U	34	32	37	13 U	13 U	566
	04/24/2018	62.3	0.259	0.19	8.4	0.169	-127.3	1,880	100 U	100 U	5,000 U	247	100 U	42	37	72	13 U	13 U	8.6
	10/09/2018	62.8	0.201	0.09	9.1	0.154	-179.6	1,090	100 U	100 U	5,000 U	100 U	100 U	30	31	10 U	13 U	13 U	424
	04/15/2019	56.3	0.268	0.17	7.2	0.175	-20.8	2,480	100 U	100 U	5,000 U	228	100 U	44	36	70	13 U	13 U	450
	10/10/2019	60.3	0.196	0.13	10.6	0.155	-246.0	1,090 J	100 U	100 U	5,000 U	100 U	100 U	37	33	51	13 U	13 U	250
	04/21/2020	58.3	0.194	0.22	9.0	0.156	-80.7	1,330 J	100 U	100 U	5,000 U	182	100 U	38	36	91	13 U	13 U	392
	10/12/2020	60.8	0.202	0.22	8.8	0.159	-42.1	1,240 J	100 U	100 U	5,000 U	100 U	100 U	35	36	128	13 U	13 U	331
	04/20/2021	55.7	0.265	0.37	10.1	0.172	120.7	1,540	100 U	100 U	5,000 U	1,300	100 U	79	35	128	13 U	13 U	583
	10/12/2021	54.4	0.259	0.33	10.5	0.167	217.6	1,040 J	100 U	100 U	5,000 U	3,340	100 U	101	33	64	13 U	13 U	220
	04/12/2022	57.4	0.195	0.15	8.5	0.159	-56.3	1,260 J	100 U	100 U	5,000 U	4,170	100 U	135	30	91	13 U	13 U	311

Table 8
Groundwater Analytical Results - Natural Attenuation Parameters
Former Springvilla Dry Cleaner
Springfield, Oregon

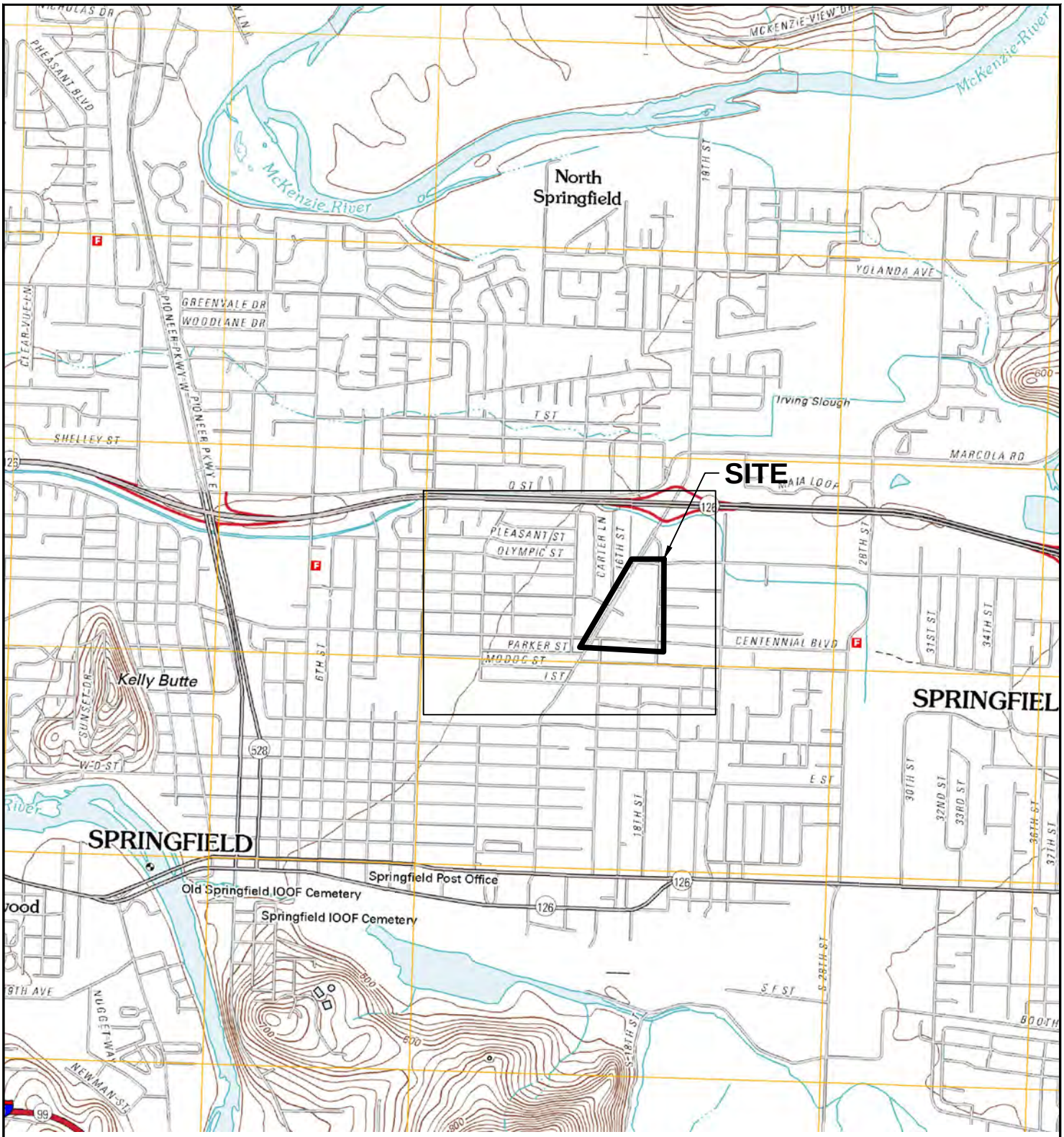
Location	Date	Temperature	Conductivity	Dissolved Oxygen	pH	Turbidity	ORP	TOC	Nitrate-Nitrogen	Nitrite-Nitrogen	Sulfate	Iron (total)	Iron (dissolved)	Manganese (total)	Manganese (dissolved)	Methane	Ethane	Ethene	DHC
		degrees	mS/cm	mg/L	units	NTU	mv	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	cells/ml
MW-34 C4	10/24/2017	60.5	0.195	0.57	7.9	0.152	-106.8	1,000 U	100 U	100 U	5,000 U	996	195	148	140	57	13 U	13 U	111
	04/25/2018	59.9	0.185	0.24	8.0	0.147	-34.8	1,000 U	100 U	100 U	5,000 U	455	169	187	174	65	13 U	13 U	7.1
MW-99 (dup)	04/25/2018	59.9	0.185	0.24	8.0	0.147	-34.8	1,000 U	100 U	100 U	5,000 U	470	172	181	168	76	13 U	13 U	168
	10/10/2018	57.6	0.256	0.24	7.9	0.166	168.8	1,000 U	100 U	100 U	5,000 U	532	132	136	144	44	13 U	13 U	412
	04/15/2019	58.2	0.180	0.72	9.5	0.146	-7.9	1,420 J	100 U	100 U	5,000 U	392	136 J	172	169	54	13 U	13 U	1,720
	10/10/2019	55.3	0.247	0.71	7.6	0.160	65.3	1,000 U	100 U	100 U	5,000 U	291	119	158	149	55	13 U	13 U	132
	04/21/2020	58.6	0.183	0.19	8.1	0.147	-23.9	1,000 U	100 U	100 U	5,000 U	696	130	177	166	25	13 U	13 U	2,740
	10/12/2020	60.0	0.191	0.24	8.0	0.151	-12.4	1,000 U	100 U	100 U	5,000 U	575	109	115	110	80	13 U	13 U	2,500
	04/20/2021	56.3	0.252	0.64	9.4	0.164	147.2	1,000 U	100 U	100 U	5,000 U	408	113	140	130	89	13 U	13 U	2,740
	11/11/2021[2]	59.3	0.189	0.18	8.5	0.151	-31	1,000 U	100 U	100 U	5,000 U	170	100 U	106	101	76	13 U	13 U	1,560
	04/12/2022	53.9	0.243	0.52	9.8	0.158	186.8	1,000 U	100 U	100 U	5,000 U	2,870	100 U	175	119	48	13 U	13 U	2,080
MW-35i	10/25/2017	59.6	0.269	0.81	7.8	0.214	69.7	1,030	100 U	100 U	5,000 U	100 U	100 U	294	206	62	13 U	13 U	0.50 U
MW-98 (dup)	10/25/2017	59.6	0.269	0.81	7.8	0.214	69.7	1,000 U	100 U	100 U	12,400	100 U	100 U	303	207	64	13 U	13 U	0.50 U
	04/24/2018	63.5	0.241	1.21	7.5	0.182	17.8	1,000 U	225	100 U	12,800	288	100 U	321	19	14	13 U	13 U	0.50 U
	10/10/2018	58.7	0.343	0.25	7.4	0.223	206.3	1,000 U	100 U	100 U	12,300	1,930	100 U	1,260	117	24	13 U	13 U	0.50 U
	04/16/2019	53.7	0.305	0.84	6.8	0.199	142.9	2,500	227	100 U	11,000	100 U	100 U	12	220	10 U	13 U	13 U	71
	10/10/2019	58.8	0.251	0.26	9.8	0.202	-98.0	1,000 U	100 UJ	100 UJ	12,800	753	100 U	1,360	88	24	13 U	13 U	0.60 U
	04/21/2020	56.5	0.232	0.25	7.3	0.193	43.7	1,000 U	284	100 U	12,800	161	100 U	165	10 J	10 U	13 U	13 U	6.5
	10/12/2020	59.4	0.342	0.48	8.7	0.222	265.0	1,000 U	108	100 U	13,200	9,450	100 U	4,180	99	31	13 U	13 U	0.30 J
	04/21/2021	57.3	0.253	0.67	7.4	0.208	31.6	1,000 J	182	100 U	12,800	2,150	100 U	1,770	98	19	13 U	13 U	0.50 U
	10/11/2021	60.7	0.273	0.31	7.8	0.214	-1.5	1,000 U	100 U	100 U	13,300	6,100	100 U	3,280	137	21	13 U	13 U	0.50 U
	04/13/2022	49.33	0.345	0.88	9.2	0.224	263.4	1,000 U	211	100 U	13,200	6,450	100 U	1,750	115	23	13 U	13 U	0.50 U
MW-44i	10/18/2017	62.1	0.354	1.53	7.4	0.230	131.7	1,120	2,160	100 U	8,560	170	100 U	5 U	5 U	10 U	13 U	13 U	0.50 U
	04/25/2018	64.5	0.262	2.27	7.6	0.196	70.4	1,140 J	2,960	100 U	8,630	100 U	100 U	5 U	5 U	10 U	13 U	13 U	0.50 U
	10/10/2018	62.0	0.254	0.76	8.0	0.196	117.9	1,000 U	2,280	100 U	8,320	100 U	100 U	100 U	100 U	10 U	13 U	13 U	0.10 J
	04/17/2019	58.6	0.238	0.68	9.1	0.192	45.1	1,390 J	2,820	100 U	8,410	1,280	776	65	45	10 U	13 U	13 U	0.50 U
	10/09/2019	59.9	0.336	2.53	7.6	0.218	243.0	1,000 U	3,000	100 U	8,970	434	100 U	36	5 U	10 U	13 U	13 U	0.50 U
	04/20/2020	57.1	0.240	0.79	7.3	0.197	88.6	1,000 U	2,660	100 U	8,830 U	100 U	100 U	5 U	5 U	10 U	13 U	13 U	0.50 U
	10/12/2020	59.2	0.337	1.79	8.8	0.219	242.0	1,000 U	2,290	100 U	8,660	62,300	100 U	1680	5 U	10 U	13 U	13 U	1.1 U
	04/20/2021	61.8	0.264	1.01	7.6	0.205	51.7	1,000 U	2,520	100 U	8,790	13,700	100 U	839	5 U	10 U	13 U	13 U	0.60 U
	10/11/2021	60.7	0.262	1.38	7.7	0.206	5.2	1,000 U	2,440	100 U	8,700	10,000	100 U	731	5 U	10 U	13 U	13 U	0.50 U
	04/12/2022	46.7	0.332	3.90	9.2	0.216	229.9	1,000 U	2,770	100 U	8,920	15,300	100 U	472	5 U	10 U	13 U	13 U	0.50 U
MW-44d	10/18/2017	61.1	0.147	0.23	8.4	0.115	-16.0	1,000 U	100 U	100 U	5,000 U	6,290	100 U	285	66	10 U	13 U	13 U	0.50 U
	04/25/2018	61.6	0.183	0.44	8.8	0.119	90.4	1,000 U	100 U	100 U	5,000 U	100 U	141	50	60	39	13 U	13 U	0.50 U
	10/10/2018	60.0	0.183	0.38	8.1	0.119	164.0	1,000 U	100 U	100 U	5,000 U	100 U	100 U	40	40	25	13 U	13 U	0.20 J
	04/17/2019	56.2	0.187	1.06	7.1	0.121	158.6	1,000 U	100 U	100 U	5,000 U	100 U	100 U	27	26	10 U	13 U	13 U	31
	10/09/2019	59.9	0.142	0.33	10.6	0.113	-71.6	1,000 U	100 U	100 U	5,000 U	947	100 U	102	39	10 U	13 U	13 U	0.50 U
	04/20/2020	55.7	0.132	0.58	8.7	0.111	49.6	1,000 U	100 U	100 U	5,000 U	100 U	100 U	22	5 U	10 U	13 U	13 U	0.50 J
	10/12/2020	58.4	0.190	0.61	9.8	0.124	216.0	1,000 U	100 U	100 U	5,000 U	8,540	100 U	264	50	23	13 U	13 U	0.50 U
	04/20/2021	60.5	0.149	0.62	8.5	0.118	24.0	1,000 U	100 U	100 U	5,000 U	397	100 U	64	20	10 U	13 U	13 U	0.50 J
	10/11/2021	59.9	0.145	0.54	8.0	0.115	-3.8	1,000 U	100 U	100 U	5,000 U	147	100 U	57	19	10 U	13 U	13 U	1.6
	04/12/2022	52.4	0.133	0.23	8.3	0.117	-60.0	1,000 U	100 U	100 U	5,000 U	3,450	100 U	178	31	21	13 U	13 U	1.0
MW-47i	10/17/2017	61.7	0.260	0.37	7.3	0.202	104.1	1,000	100 U	100 U	16,400	155	100 U	249	232	10 U	13 U	13 U	0.50 U
	04/25/2018	60.1	0.235	2.47	8.0	0.185	73.8	1,000 U	100 U	100 U	17,200	100 U	100 U	33	13	10 U	13 U	13 U	0.50 U
	10/10/2018	59.9	0.241	0.17	8.2	0.191	81.9	1,000 U	100 U	100 U	15,800	107	100 U	252	238	10 U	13 U	13 U	0.30 J
	04/16/2019	58.2	0.311	3.79	6.7	0.202	179.4	1,630 J	100 U	100 U	14,300	100 U	289 J	6.9	133	10 U	13 U	13 U	14
	10/09/2019	53.8	0.321	2.41	7.9	0.209	250.7	1,000 U	100 U	100 U	16,700	201	100 U	146	12	10 U	13 U	13 U	0.50 U
	04/21/2020	56.7	0.323	0.92	8.1	0.21	203.7	1,000 U	100 U	100 U	16,100	20,400	271	698	251	10 U	13 U	13 U	0.50 U
	10/13/2020	61.5	0.256	0.27	7.9	0.198	40.8	1,000 U	100 U	100 U	17,300	1,110	100 U	419	250	10 U	13 U	13 U	0.50 U
MW-95 (dup)	10/13/2020	61.5	0.256	0.27	7.9	0.198	40.8	-	-	-	-	-	-	-	-	-	-	-	-
	04/21/2021	62.7	0.316	0.75	9.2	0.205	153.1	1,000 U	100 U	100 U	14,900	9,800	114	672	179	10 U	13 U	13 U	0.70 U
	10/12/2021	57.7	0.231	0.65	7.8	0.186	21.7	1,000 U	100 U	100 U	14,400	214	100 U	180	9.3	10 U	13 U	13 U	0.50 U
	04/13/2022	55.6	0.228	0.34	8.2	0.191	10.6	1,000 U	100 U	100 U	15,600	14,700	103 J	556	218	10 U	13 U	13 U	0.50 U

Table 8
Groundwater Analytical Results - Natural Attenuation Parameters
Former Springvilla Dry Cleaner
Springfield, Oregon

Location	Date	Temperature	Conductivity	Dissolved Oxygen	pH	Turbidity	ORP	TOC	Nitrate-Nitrogen	Nitrite-Nitrogen	Sulfate	Iron (total)	Iron (dissolved)	Manganese (total)	Manganese (dissolved)	Methane	Ethane	Ethene	DHC
		degrees	mS/cm	mg/L	units	NTU	mv	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	cells/ml
MW-47d	10/17/2017	66.0	0.231	0.65	9.0	0.151	57.3	1,800	100 U	100 U	7,020	6,250	100 U	364	31	10 U	13 U	13 U	0.50 U
	04/25/2018	64.2	0.199	0.45	8.6	0.125	123.2	1,600 J	464	100 U	5,000 U	224	100 U	41	5 U	10 U	13 U	13 U	0.50 U
	10/10/2018	60.4	0.209	0.37	8.3	0.136	179.9	1,060	100 U	100 U	5,000 U	1,640	100 U	188	39	10 U	13 U	13 U	0.50 U
	04/16/2019	59.9	0.154	0.41	9.6	0.122	-9.6	2,380	100 U	100 U	5,000 U	239	100 U	124	22	10 U	13 U	13 U	4.1
	10/09/2019	59.0	0.138	0.28	10.5	0.109	-119.2	1,530 J	100 U	100 U	5,000 U	144	100 U	20	5 U	10 U	13 U	13 U	0.50 U
	04/21/2020	57.0	0.199	1.03	8.5	0.129	161.2	1,360 J	100 U	100 U	5,000 U	80,500	100 U	3620	68	78	13 U	13 U	2.5 U
	10/13/2020	62.2	0.153	0.3	8.7	0.117	-38.0	1,000 U	100 U	100 U	5,000 U	13,900	100 U	585	60	10 U	13 U	13 U	0.70 U
	04/21/2021	58.7	0.193	1.02	10.3	0.126	174.7	1,000 U	100 U	100 U	5,000 U	417	100 U	90	31	29	13 U	13 U	0.50 U
	10/12/2021	59.2	0.149	0.63	8.2	0.119	-67.3	1,000 U	100 U	100 U	5,000 U	6,690	100 U	249	52	10 U	13 U	13 U	0.50 U
	04/13/2022	51.1	0.136	0.66	8.4	0.122	-89.7	1,000 U	100 U	100 U	5,000 U	1,480	100 U	122	56	67	13 U	13 U	0.60 U
MW-49i	10/17/2017	63.0	0.191	0.28	7.5	0.145	118.2	1,000 U	100 U	100 U	5,940	29,100	100 U	643	61	10 U	13 U	13 U	2 U
	04/25/2018	63.7	0.179	0.42	8.0	0.135	30.2	1,000 U	100 U	100 U	7,190	110 J	100 U	66	40	10 U	13 U	13 U	0.50 U
	10/10/2018	61.0	0.172	0.16	8.3	0.134	92.6	1,000 U	100 U	100 U	5,960	100 U	100 U	46	39	10 U	13 U	13 U	0.20 J
	04/16/2019	58.4	0.164	0.95	9.2	0.133	56.3	1,240 J	100 U	100 U	6,180	100 U	100 U	17	21	10 U	13 U	13 U	57
	10/09/2019	55.0	0.236	0.85	8.4	0.153	223.0	1,000 U	100 U	100 U	7,190	8,360	239	503	52	10 U	13 U	13 U	1 U
	04/21/2020	56.8	0.230	0.79	8.1	0.149	206.4	1,000 U	105	100 U	7,070	53,900	136	983	44	10 U	13 U	13 U	2.4 U
	10/12/2020	60.4	0.232	0.52	9.1	0.15	250.2	1,000 U	106	100 U	6,620	54,500	100 U	1080	62	10 U	13 U	13 U	0.60 U
	04/21/2021	58.3	0.177	0.74	7.5	0.143	37.7	1,000 U	126	100 U	6,610	534	100 U	133	29	10 U	13 U	13 U	0.50 U
	10/11/2021	61.9	0.184	0.29	7.9	0.143	-4.6	1,000 U	102	100 U	7,220	16,700	143	831	41	10 U	13 U	13 U	2.9 U
	04/13/2022	51.7	0.230	0.79	9.5	0.149	256.6	1,000 U	117	100 U	7,410	20,100	100 U	538	38	10 U	13 U	13 U	0.50 U

Notes:
[1] Sample was collected on 4/29/2020.
[2] Sample was collected on 11/11/2021 due to a sampling error during the initial sample collection on 10/11/2021.
cells/ml = Cells per milliliter
DHC = *Dehalococcoides spp.* (dechlorinating bacteria)
J = Estimated value. See corresponding data validation report for additional information.
mg/L = Milligrams per liter
mS/cm = millisiemens per centimeter
mv = Millivolts
NTU = Nephelometric Turbidity Unit
ORP = Oxidation Reduction Potential
TOC = Total Organic Carbon
ug/L = Micrograms per liter
U = Not detected at reporting limit shown
- = Not analyzed for this parameter.

FIGURES



NOTE: USGS, SPRINGFIELD QUADRANGLE
OREGON-LANE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101 TEL (503) 620-2387
Tigard, OR 97223 FAX (503) 620-2977

DATE: 7-8-14
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR.

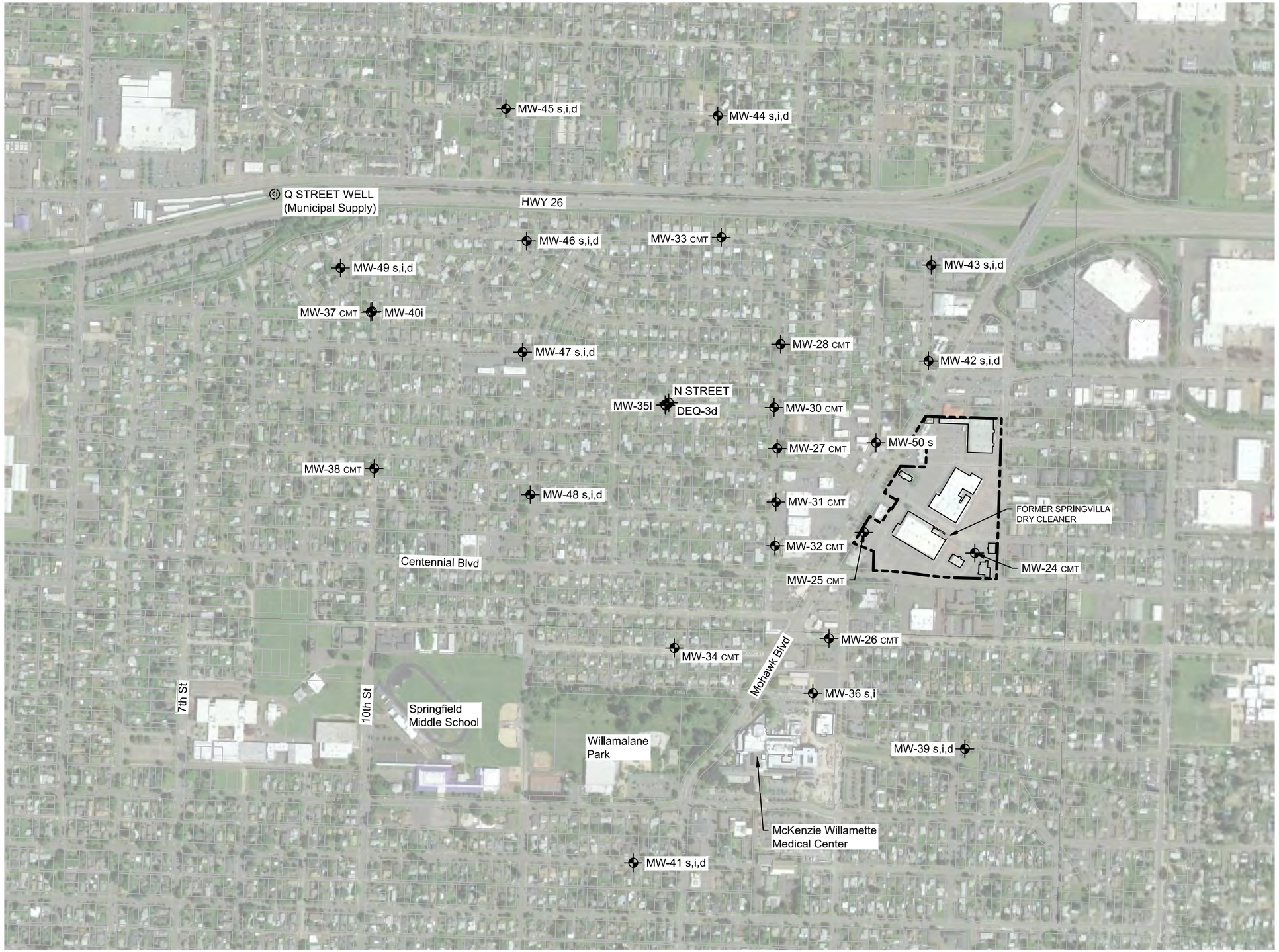
SITE LOCATION MAP

Project No. 1176-01
Figure No. 1

LEGEND

- Monitoring Well
- Municipal Water-Supply Well

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey



APPROXIMATE SCALE IN FEET

0 400 800 1600

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PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE:	2-13-17
FILE NAME:	1176-01
DRAWN BY:	JJT
APPROVED BY:	PM

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

SITE FEATURES AND
NEIGHBORHOOD - REGIONAL

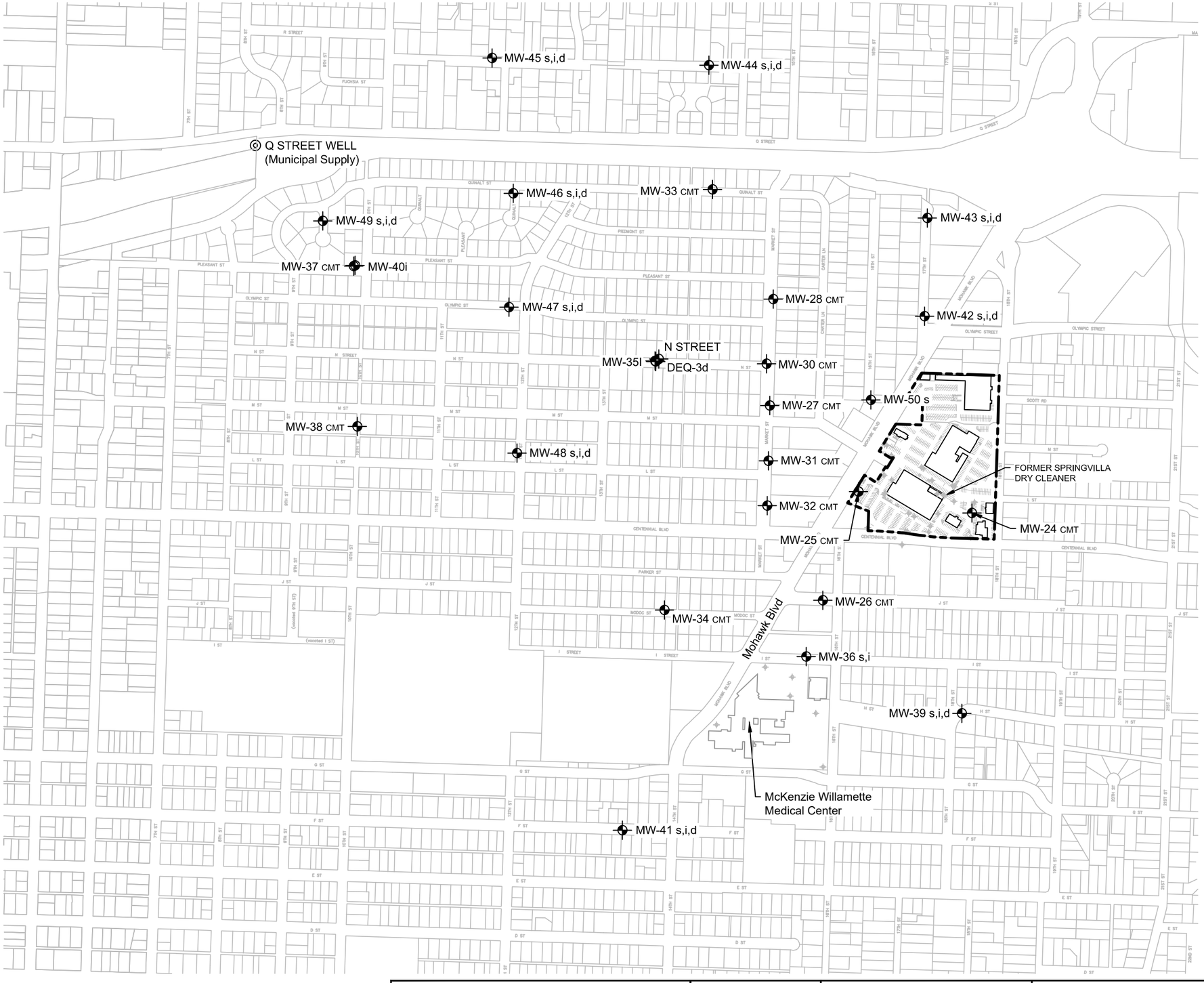
Project No. 1176-01

Figure No. 2

LEGEND

- Monitoring Well
- Municipal Water-Supply Well

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey



APPROXIMATE SCALE IN FEET

0 300 600 1200

PNG ENVIRONMENTAL, INC. 6665 SW Hampton St., Ste. 101 Tigard, OR 97223 TEL (503) 620-2387 FAX (503) 620-2977	DATE: 2-13-17 FILE NAME: 1176-01 DRAWN BY: JJT APPROVED BY: SV	FORMER SPRINGVILLA DRY CLEANER 1459 MOHAWK BLVD SPRINGFIELD, OR	SITE FEATURES REGIONAL	Project No. 1176-01 Figure No. 3

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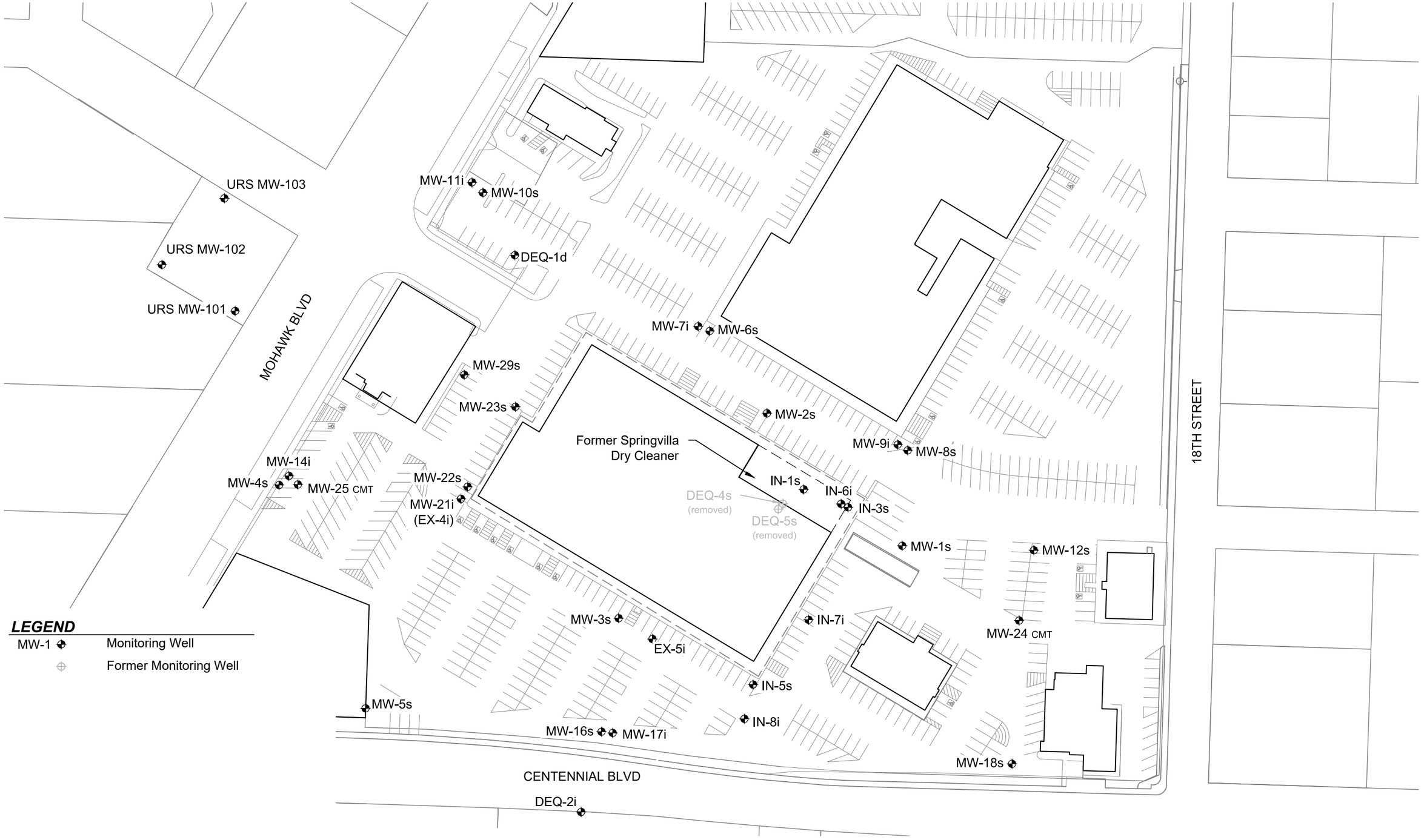


NOTE:
BASE MAPS:
- Springfield Utility Board
- Statewide Land Survey

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE:	2-13-17
FILE NAME:	1176-01
DRAWN BY:	JJT
APPROVED BY:	SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

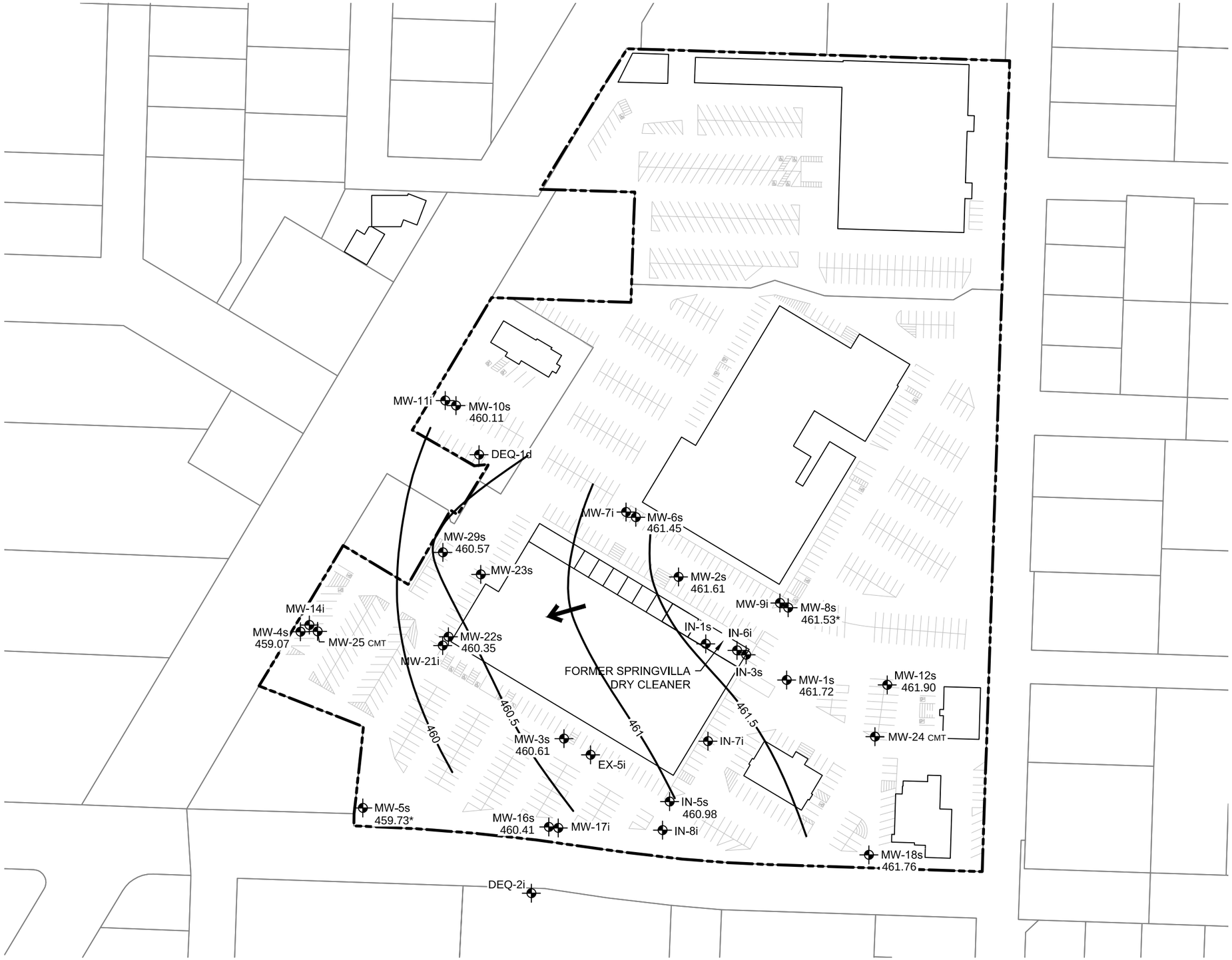
SITE FEATURES
LOCAL

Project No. 1176-01
Figure No. 4

LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 459.01 — Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- * = Not Used for Contouring
- Well Screen Depths Between 8 and 26 feet BGS.

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey



APPROXIMATE SCALE IN FEET

0 60 120 240

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PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE:	5-24-22
FILE NAME:	1176-01
DRAWN BY:	JJT
APPROVED BY:	SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

GROUNDWATER ELEVATION CONTOURS
SHALLOW ZONE AQUIFER
APRIL 2022

Project No. 1176-01

Figure No. 5

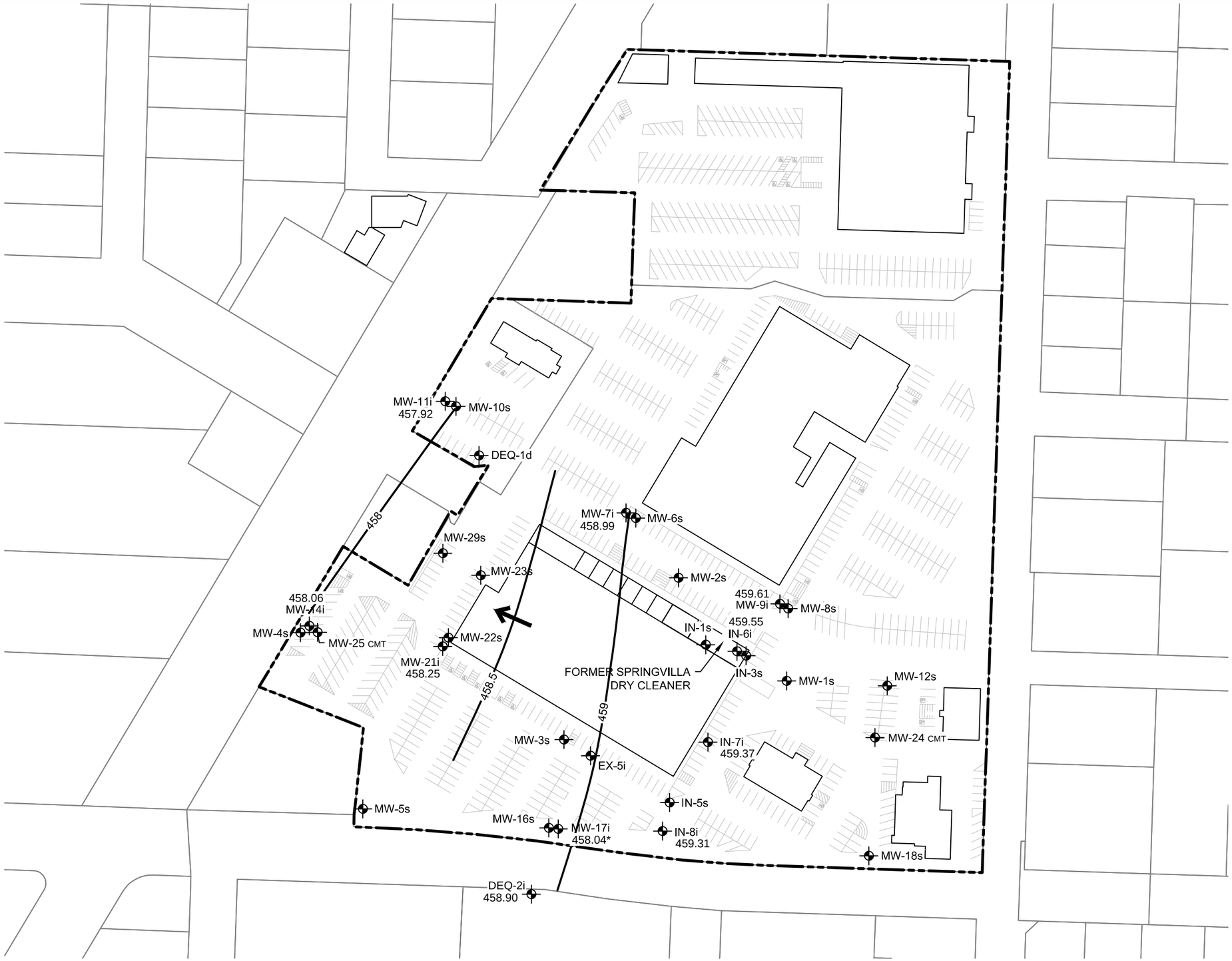
LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 455.86 — Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- * = Not Used for Contouring
- Well Screen Depths Between 40 and 60 feet BGS.

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



APPROXIMATE SCALE IN FEET

0 60 120 240

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE:	5-24-22
FILE NAME:	1176-01
DRAWN BY:	JJT
APPROVED BY:	SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

GROUNDWATER ELEVATION CONTOURS
INTERMEDIATE ZONE AQUIFER
APRIL 2022

Project No. 1176-01

Figure No. 6

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LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 445.39 — Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- * = Not Used for Contouring
- Well Screen Depths Between 5 and 18 feet BGS.

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey

APPROXIMATE SCALE IN FEET

0 300 600 1200

PNG ENVIRONMENTAL, INC. 6665 SW Hampton St., Ste. 101 Tigard, OR 97223 TEL (503) 620-2387 FAX (503) 620-2977	DATE: 5-24-22 FILE NAME: 1176-01 DRAWN BY: JJT APPROVED BY: SV	FORMER SPRINGVILLA DRY CLEANER 1459 MOHAWK BLVD SPRINGFIELD, OR	GROUNDWATER ELEVATION CONTOURS REGIONAL SHALLOW ZONE AQUIFER APRIL 2022	Project No. 1176-01 Figure No. 7

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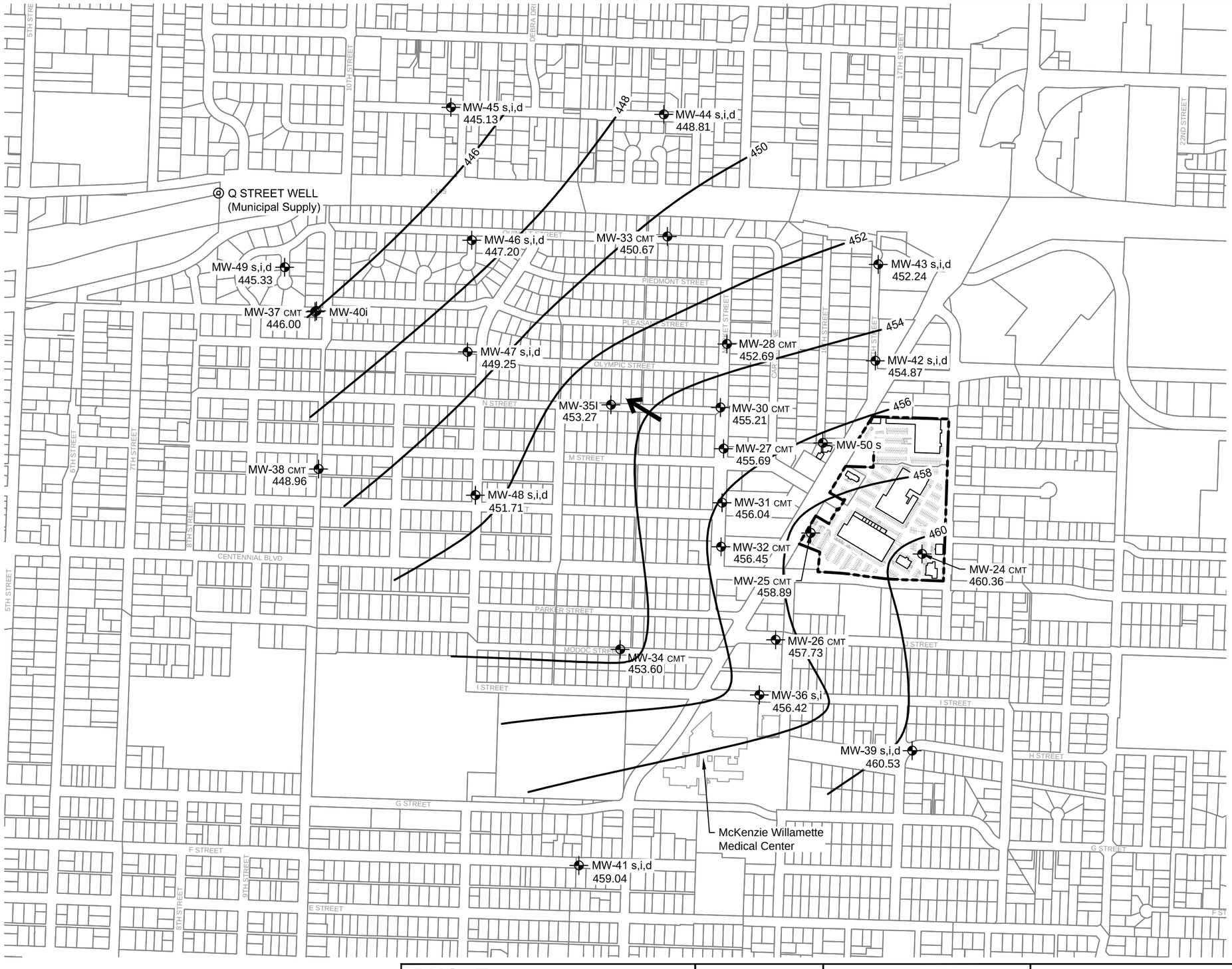
LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 444.15 — Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Approximate Groundwater Flow Direction
- Well Screen Depths Between 40 and 60 feet BGS.

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey



APPROXIMATE SCALE IN FEET

0 300 600 1200

PNG ENVIRONMENTAL, INC. 6665 SW Hampton St., Ste. 101 Tigard, OR 97223 TEL (503) 620-2387 FAX (503) 620-2977	DATE: 5-24-22 FILE NAME: 1176-01 DRAWN BY: JJT APPROVED BY: SV	FORMER SPRINGVILLA DRY CLEANER 1459 MOHAWK BLVD SPRINGFIELD, OR	GROUNDWATER ELEVATION CONTOURS REGIONAL INTERMEDIATE ZONE AQUIFER APRIL 2022	Project No. 1176-01	Figure No. 8

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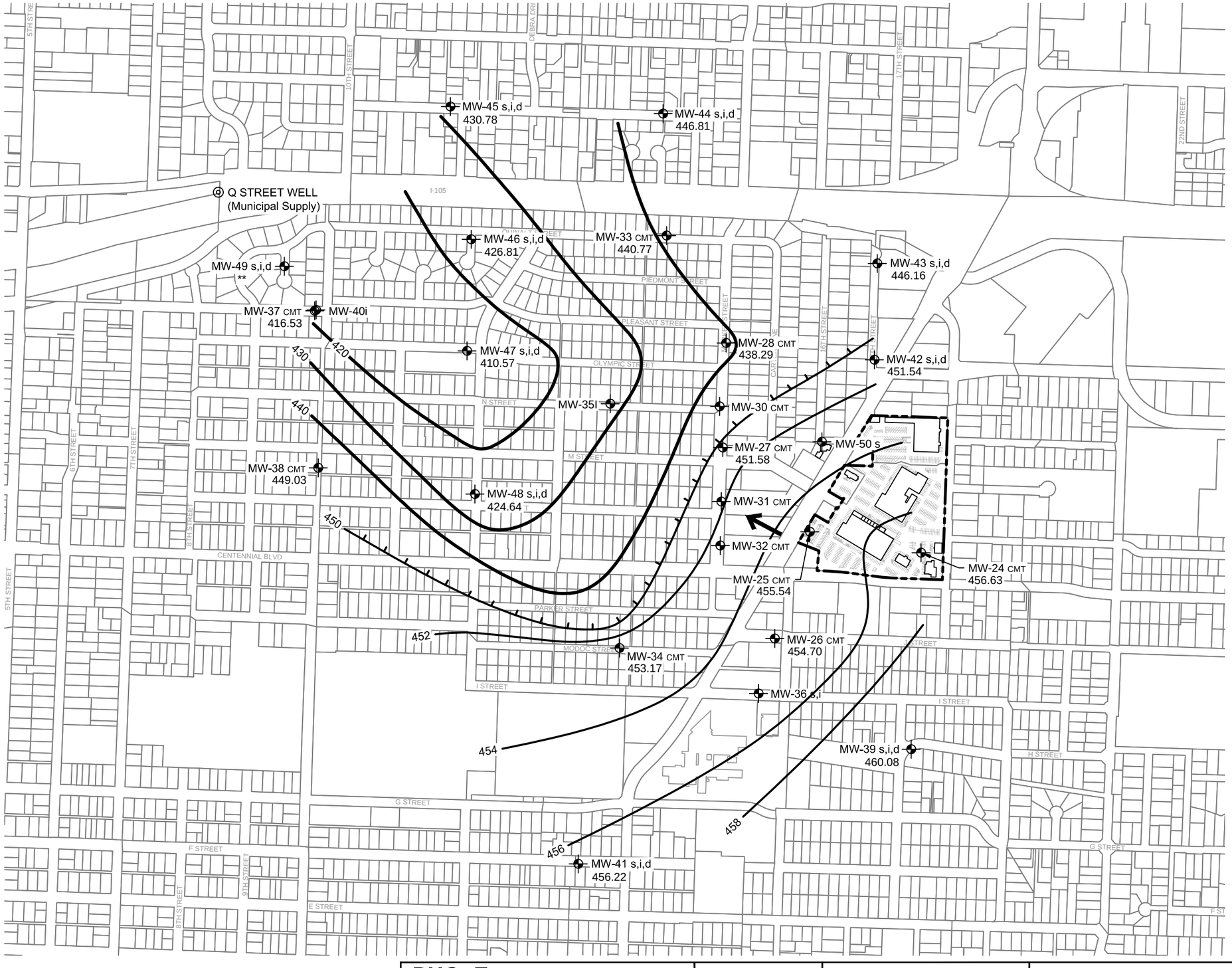
LEGEND

- Monitoring Well (PNG)
- Municipal Water-Supply Well
- 415.61 — Groundwater Elevation (Feet MSL)
- Groundwater Contour
- Change in Contour Interval
- Approximate Groundwater Flow Direction
- * = Not Used for Contouring
- ** = Groundwater elevation could not be measured
- Well Screen Depths Between 90 and 120 feet BGS.

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey



N

APPROXIMATE SCALE IN FEET

0 300 600 1200

PNG ENVIRONMENTAL, INC. 6665 SW Hampton St., Ste. 101 Tigard, OR 97223 TEL (503) 620-2387 FAX (503) 620-2977	DATE: 4-24-22 FILE NAME: 1176-01 DRAWN BY: JJT APPROVED BY: SV	FORMER SPRINGVILLA DRY CLEANER 1459 MOHAWK BLVD SPRINGFIELD, OR	GROUNDWATER ELEVATION CONTOURS REGIONAL DEEP ZONE AQUIFER APRIL 2022	Project No. 1176-01 Figure No. 9

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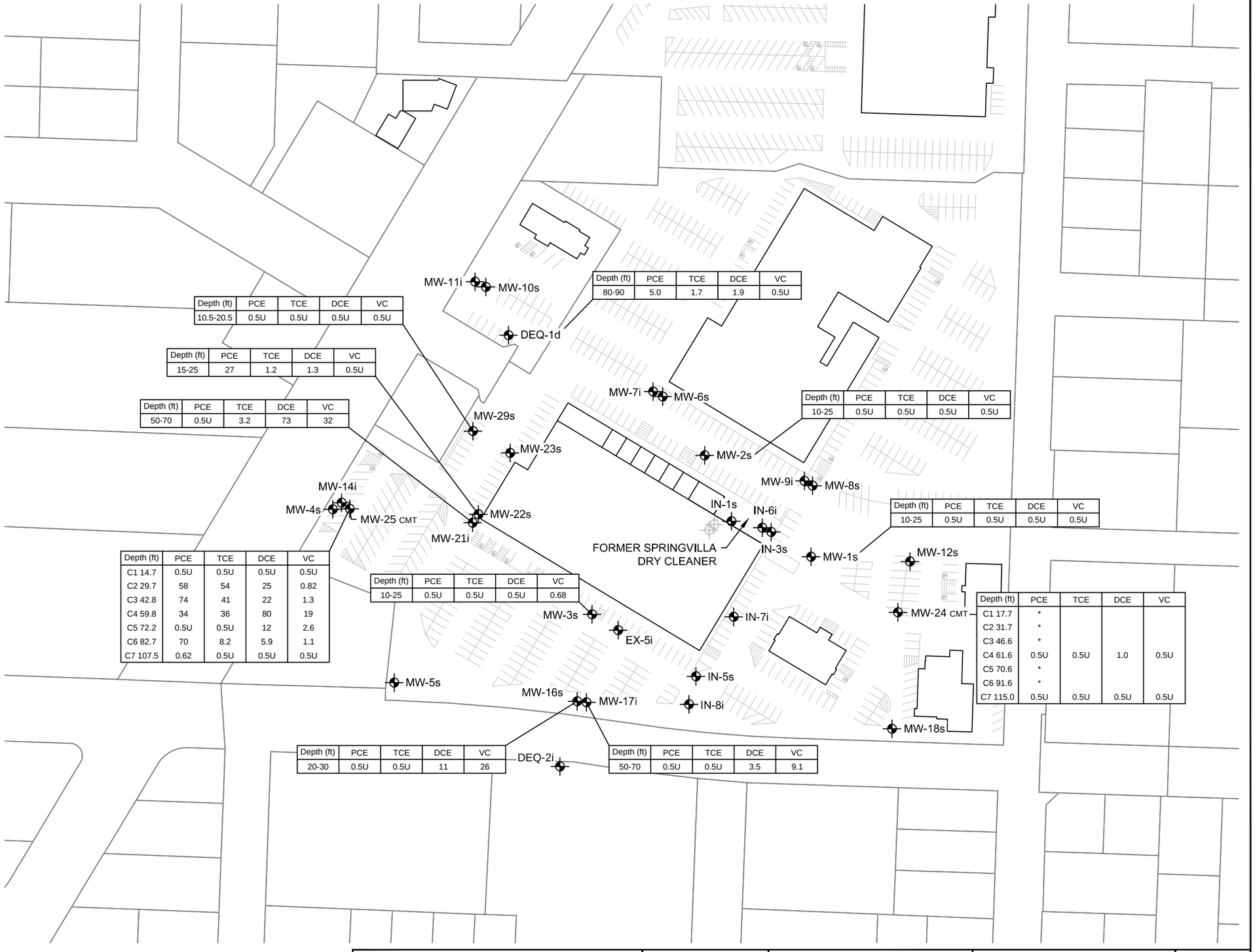
LEGEND

⊕	Monitoring Well
◎	Municipal Water-Supply Well
PCE=	Tetrachloroethene
TCE=	Trichloroethene
DCE=	cis-1,2-Dichloroethene
VC=	Vinyl Chloride
140=	Concentration (ug/L)
U=	Not Detected Above Laboratory Reporting Limit Indicated
c1 14.7=	CMT™ Channel Number and Depth in Feet.
*=	Not Sampled During this Monitoring Event
J=	Estimated Value

NOTE:
BASE MAPS:
- Lane County Assessment and Taxation
- Statewide Land Survey



Depth (ft)	PCE	TCE	DCE	VC
10.5-20.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
80-90	5.0	1.7	1.9	0.5U

Depth (ft)	PCE	TCE	DCE	VC
15-25	27	1.2	1.3	0.5U

Depth (ft)	PCE	TCE	DCE	VC
10-25	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
50-70	0.5U	3.2	73	32

Depth (ft)	PCE	TCE	DCE	VC
10-25	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
10-25	0.5U	0.5U	0.5U	0.68

Depth (ft)	PCE	TCE	DCE	VC
C1 17.7	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 115.0	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
20-30	0.5U	0.5U	11	26

Depth (ft)	PCE	TCE	DCE	VC
50-70	0.5U	0.5U	3.5	9.1

APPROXIMATE SCALE IN FEET

0 60 120 240

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PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE:	5-24-22
FILE NAME:	1176-01
DRAWN BY:	JJT
APPROVED BY:	SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

VOCs IN GROUNDWATER - LOCAL
APRIL 2022

Project No. 1176-01

Figure No. 10

APPROXIMATE SCALE IN FEET

0 300 600 1200

N

LEGEND

- Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-45 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-44 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

Q STREET WELL (Municipal Supply)

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

MW-46 s,i,d

MW-33 CMT

MW-43 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	**			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

MW-49 s,i,d

MW-37 CMT

MW-40i

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

Depth (ft)	PCE	TCE	DCE	VC
33	**			

MW-28 CMT

MW-42 s,i,d

MW-47 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

MW-35I

DEQ-3d

MW-30 CMT

MW-27 CMT

MW-50 s

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

MW-38 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

MW-48 s,i,d

MW-31 CMT

FORMER SPRINGVILLA DRY CLEANER

MW-32 CMT

MW-24 CMT

MW-25 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

MW-26 CMT

MW-34 CMT

MW-36 s,i

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

Springfield Middle School

Willamalane Park

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

MW-39 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	113	12	2.3	1.5
C5/6 59.7	96	11	7.6	1.2

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

MW-41 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

VOCs IN GROUNDWATER - REGIONAL
APRIL 2022

Project No. 1176-01

Figure No. 11

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APPROXIMATE SCALE IN FEET

0 300 600 1200

N

REFERENCE LEVELS

RBC Residential Tap Water = 12 ug/L

RBC Residential Vapor Intrusion to Buildings = 3,700 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND

- Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected
- Approximate Groundwater Flow Direction
- PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-45 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

MW-44 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-43 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

Q STREET WELL (Municipal Supply)

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	**			

MW-46 s,i,d

MW-33 CMT

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

MW-49 s,i,d

MW-37 CMT

MW-40i

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

Depth (ft)	PCE	TCE	DCE	VC
33	**			

MW-28 CMT

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

MW-42 s,i,d

MW-47 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

N STREET

MW-35I

DEQ-3d

MW-30 CMT

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

MW-27 CMT

MW-50 s

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

MW-38 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

MW-48 s,i,d

MW-31 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

FORMER SPRINGVILLA DRY CLEANER

MW-32 CMT

MW-24 CMT

MW-25 CMT

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.1	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

MW-26 CMT

MW-34 CMT

MW-36 s,i

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

Springfield Middle School

Willamalane Park

MW-39 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	81	9.7	2.0	1.8
C5/6 59.7	71	9.7	7.2	1.2

McKenzie Willamette Medical Center

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

MW-41 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
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DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

PCE IN REGIONAL SHALLOW-ZONE GROUNDWATER <20'
APRIL 2022

Project No. 1176-01

Figure No. 12

APPROXIMATE SCALE IN FEET

0 300 600 1200

N

REFERENCE LEVELS

RBC Residential Tap Water = 12 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND

- ⌖ Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected
- ➡ Approximate Groundwater Flow Direction
- ~ PCE Isocontour (40'-60')

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-45 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-44 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

◎ Q STREET WELL (Municipal Supply)

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U			
D 110	**			

MW-46 s,i,d

MW-33 CMT

MW-43 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

MW-49 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

MW-37 CMT

MW-40i

Depth (ft)	PCE	TCE	DCE	VC
33	**			

MW-28 CMT

MW-42 s,i,d

MW-47 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

N STREET

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

MW-35I

DEQ-3d

MW-30 CMT

MW-27 CMT

MW-50 s

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

MW-38 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

MW-48 s,i,d

MW-31 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

FORMER SPRINGVILLA DRY CLEANER

MW-32 CMT

MW-24 CMT

MW-25 CMT

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

MW-26 CMT

MW-34 CMT

MW-36 s,i

Springfield Middle School

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

Willamalane Park

MW-39 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	113	12	2.3	1.5
C5/6 59.7	96	11	7.6	1.2

McKenzie Willamette Medical Center

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

MW-41 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

PNG ENVIRONMENTAL, INC.

6665 SW Hampton St., Ste. 101
Tigard, OR 97223

TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

PCE IN REGIONAL INTERMEDIATE-ZONE
GROUNDWATER 40' - 60'
APRIL 2022

Project No. 1176-01

Figure No. 13

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APPROXIMATE SCALE IN FEET

0 300 600 1200

N

REFERENCE LEVELS

RBC Residential Tap Water = 12 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND

- ⌖ Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-45 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

MW-44 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

Q STREET WELL (Municipal Supply)

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

MW-46 s,i,d

MW-33 CMT

MW-43 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	**			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

MW-49 s,i,d

MW-37 CMT

MW-40i

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

Depth (ft)	PCE	TCE	DCE	VC
33	**			

MW-28 CMT

MW-42 s,i,d

MW-47 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

MW-35I

DEQ-3d

MW-30 CMT

MW-27 CMT

MW-50 s

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

MW-38 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

MW-48 s,i,d

MW-31 CMT

FORMER SPRINGVILLA DRY CLEANER

MW-32 CMT

MW-24 CMT

MW-25 CMT

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

MW-26 CMT

MW-34 CMT

MW-36 s,i

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Springfield Middle School

Willamalane Park

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

MW-39 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	113	12	2.3	1.5
C5/6 59.7	96	11	7.6	1.2

McKenzie Willamette Medical Center

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

MW-41 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

PCE IN REGIONAL DEEP-ZONE
GROUNDWATER >100'
APRIL 2022

Project No. 1176-01

Figure No. 14

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APPROXIMATE SCALE IN FEET

0 300 600 1200

N

REFERENCE LEVELS

RBC Residential Tap Water = 0.49 ug/L

RBC Residential Vapor Intrusion to Buildings = 200 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

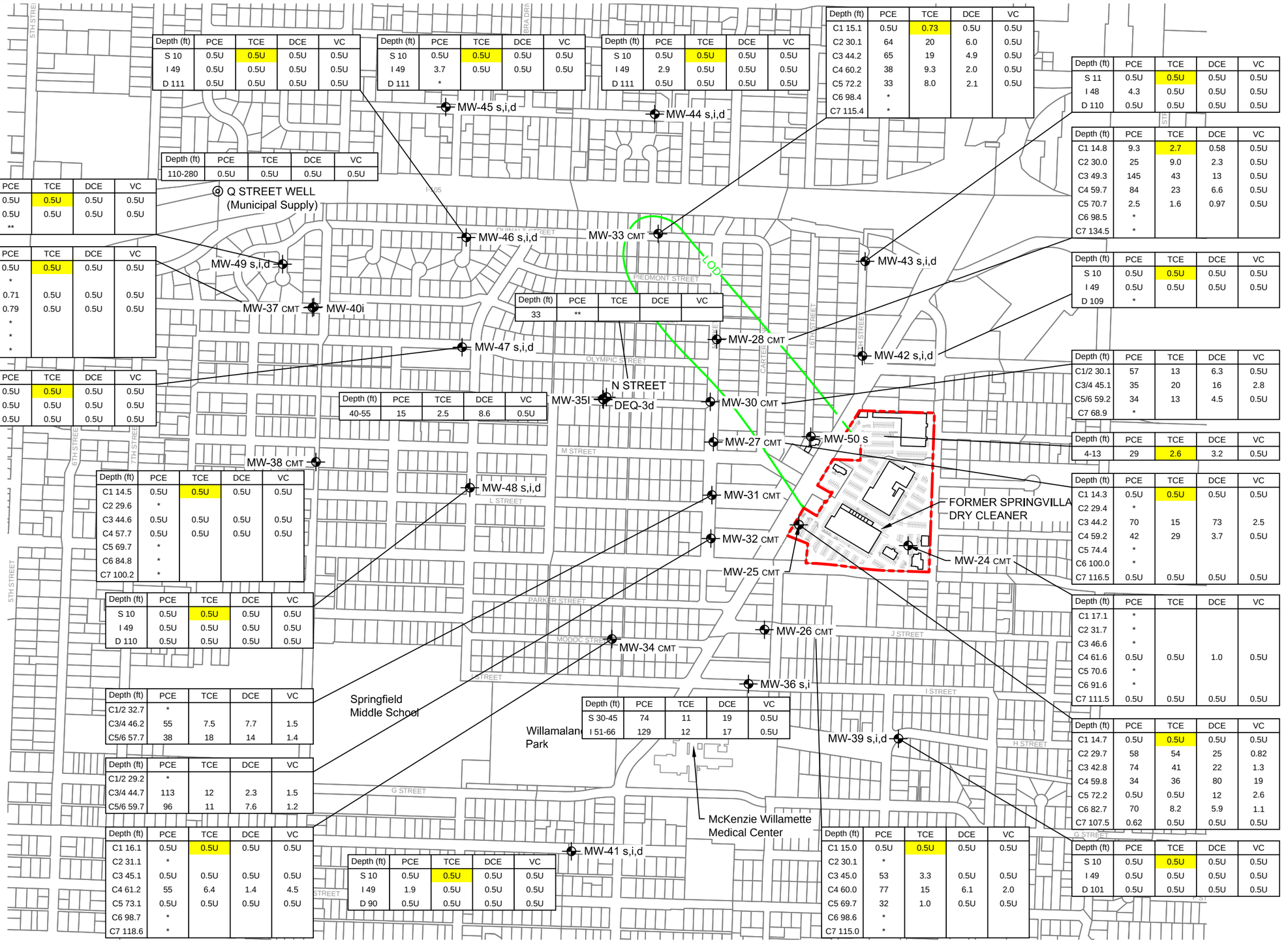
LEGEND

- Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected
- Approximate Groundwater Flow Direction
- PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	**			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

Depth (ft)	PCE	TCE	DCE	VC
33	**			

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	113	12	2.3	1.5
C5/6 59.7	96	11	7.6	1.2

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
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DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

TCE IN REGIONAL SHALLOW-ZONE GROUNDWATER <20'
APRIL 2022

Project No. 1176-01

Figure No. 15

APPROXIMATE SCALE IN FEET

0 300 600 1200

N

REFERENCE LEVELS

RBC Residential Tap Water = 0.49 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

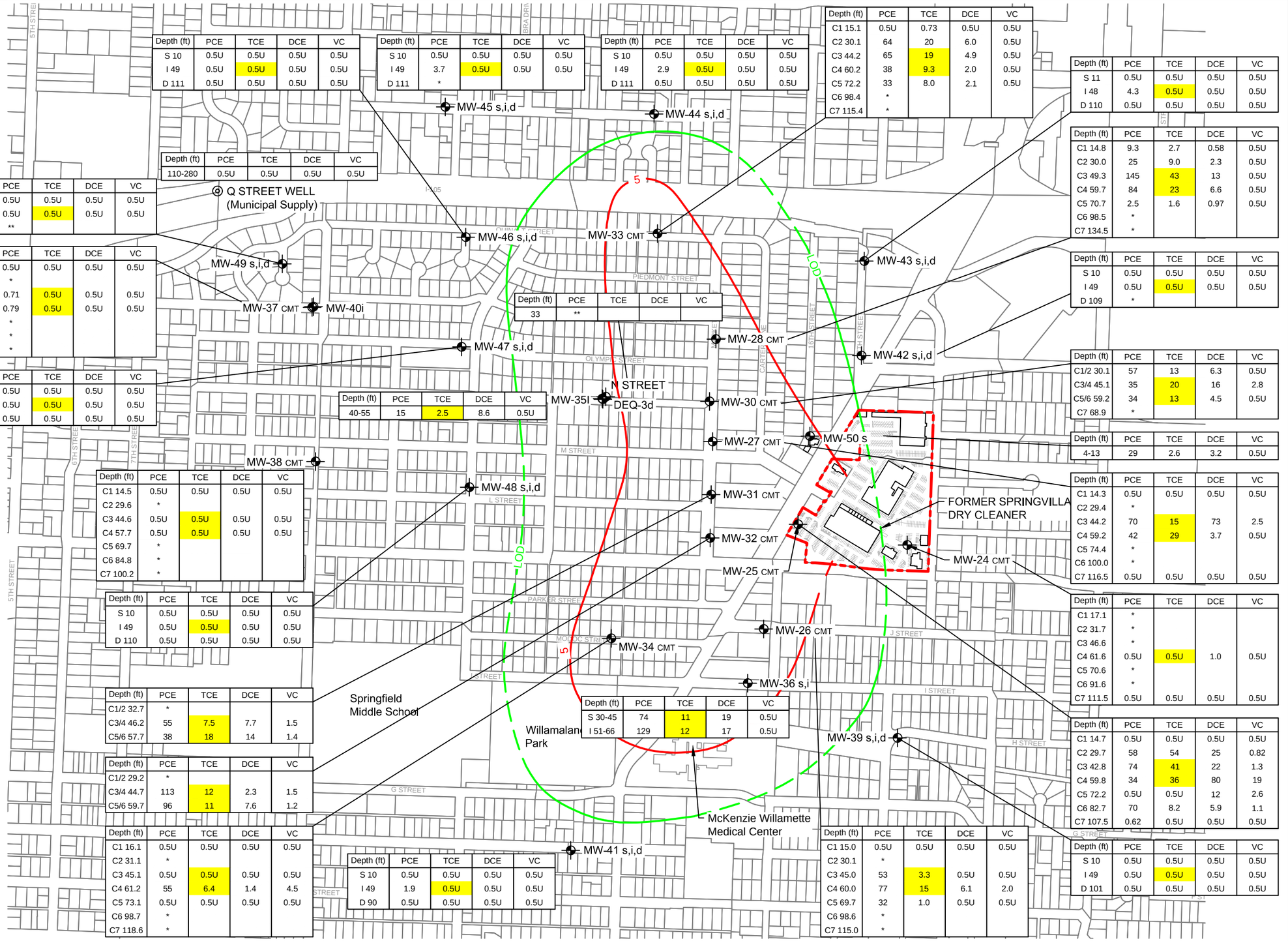
LEGEND

- Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected
- Approximate Groundwater Flow Direction
- PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey



Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	**			

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
33	**			

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	113	12	2.3	1.5
C5/6 59.7	96	11	7.6	1.2

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

TCE IN REGIONAL INTERMEDIATE-ZONE
GROUNDWATER 40' - 60'
APRIL 2022

Project No. 1176-01

Figure No. 16

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APPROXIMATE SCALE IN FEET

0 300 600 1200

N

REFERENCE LEVELS

RBC Residential Tap Water = 0.49 ug/L

EPA MCL = 5 ug/L

LOD = Limit of Detection

LEGEND

- Monitoring Well
- ◎ Municipal Water-Supply Well
- PCE= Tetrachloroethene
- TCE= Trichloroethene
- DCE= cis-1,2-Dichloroethene
- VC= Vinyl Chloride
- 140= Concentration (ug/L)
- U= Not Detected Above Laboratory Reporting Limit Indicated
- c1 14.7= CMT™ Channel Number and Depth in Feet.
- J= Estimated Value
- *= Not Sampled During this Monitoring Event
- **= Sample Could not be Collected
- Approximate Groundwater Flow Direction
- PCE Isocontour

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

MW-45 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	3.7	0.5U	0.5U	0.5U
D 111	*			

MW-44 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	2.9	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.1	0.5U	0.73	0.5U	0.5U
C2 30.1	64	20	6.0	0.5U
C3 44.2	65	19	4.9	0.5U
C4 60.2	38	9.3	2.0	0.5U
C5 72.2	33	8.0	2.1	0.5U
C6 98.4	*			
C7 115.4	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 48	4.3	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
110-280	0.5U	0.5U	0.5U	0.5U

Q STREET WELL (Municipal Supply)

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	**			

Depth (ft)	PCE	TCE	DCE	VC
C1 14.8	9.3	2.7	0.58	0.5U
C2 30.0	25	9.0	2.3	0.5U
C3 49.3	145	43	13	0.5U
C4 59.7	84	23	6.6	0.5U
C5 70.7	2.5	1.6	0.97	0.5U
C6 98.5	*			
C7 134.5	*			

MW-46 s,i,d

MW-33 CMT

MW-43 s,i,d

MW-49 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 109	*			

Depth (ft)	PCE	TCE	DCE	VC
C1 15.2	0.5U	0.5U	0.5U	0.5U
C2 32.3	*			
C3 45.3	0.71	0.5U	0.5U	0.5U
C4 58.3	0.79	0.5U	0.5U	0.5U
C5 70.4	*			
C6 95.4	*			
C7 113.1	*			

MW-37 CMT

MW-40i

Depth (ft)	PCE	TCE	DCE	VC
33	**			

MW-28 CMT

MW-42 s,i,d

MW-47 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1/2 30.1	57	13	6.3	0.5U
C3/4 45.1	35	20	16	2.8
C5/6 59.2	34	13	4.5	0.5U
C7 68.9	*			

Depth (ft)	PCE	TCE	DCE	VC
S 11	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 111	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
40-55	15	2.5	8.6	0.5U

MW-35I

DEQ-3d

N STREET

MW-30 CMT

MW-27 CMT

MW-50 s

Depth (ft)	PCE	TCE	DCE	VC
4-13	29	2.6	3.2	0.5U

MW-38 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.5	0.5U	0.5U	0.5U	0.5U
C2 29.6	*			
C3 44.6	0.5U	0.5U	0.5U	0.5U
C4 57.7	0.5U	0.5U	0.5U	0.5U
C5 69.7	*			
C6 84.8	*			
C7 100.2	*			

MW-48 s,i,d

MW-31 CMT

Depth (ft)	PCE	TCE	DCE	VC
C1 14.3	0.5U	0.5U	0.5U	0.5U
C2 29.4	*			
C3 44.2	70	15	73	2.5
C4 59.2	42	29	3.7	0.5U
C5 74.4	*			
C6 100.0	*			
C7 116.5	0.5U	0.5U	0.5U	0.5U

FORMER SPRINGVILLA DRY CLEANER

MW-32 CMT

MW-24 CMT

MW-25 CMT

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 110	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 17.1	*			
C2 31.7	*			
C3 46.6	*			
C4 61.6	0.5U	0.5U	1.0	0.5U
C5 70.6	*			
C6 91.6	*			
C7 111.5	0.5U	0.5U	0.5U	0.5U

MW-26 CMT

MW-34 CMT

MW-36 s,i

Springfield Middle School

Depth (ft)	PCE	TCE	DCE	VC
C1/2 32.7	*			
C3/4 46.2	55	7.5	7.7	1.5
C5/6 57.7	38	18	14	1.4

Depth (ft)	PCE	TCE	DCE	VC
S 30-45	74	11	19	0.5U
I 51-66	129	12	17	0.5U

Willamalane Park

MW-39 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
C1 14.7	0.5U	0.5U	0.5U	0.5U
C2 29.7	58	54	25	0.82
C3 42.8	74	41	22	1.3
C4 59.8	34	36	80	19
C5 72.2	0.5U	0.5U	12	2.6
C6 82.7	70	8.2	5.9	1.1
C7 107.5	0.62	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1/2 29.2	*			
C3/4 44.7	113	12	2.3	1.5
C5/6 59.7	96	11	7.6	1.2

McKenzie Willamette Medical Center

Depth (ft)	PCE	TCE	DCE	VC
C1 16.1	0.5U	0.5U	0.5U	0.5U
C2 31.1	*			
C3 45.1	0.5U	0.5U	0.5U	0.5U
C4 61.2	55	6.4	1.4	4.5
C5 73.1	0.5U	0.5U	0.5U	0.5U
C6 98.7	*			
C7 118.6	*			

MW-41 s,i,d

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	1.9	0.5U	0.5U	0.5U
D 90	0.5U	0.5U	0.5U	0.5U

Depth (ft)	PCE	TCE	DCE	VC
C1 15.0	0.5U	0.5U	0.5U	0.5U
C2 30.1	*			
C3 45.0	53	3.3	0.5U	0.5U
C4 60.0	77	15	6.1	2.0
C5 69.7	32	1.0	0.5U	0.5U
C6 98.6	*			
C7 115.0	*			

Depth (ft)	PCE	TCE	DCE	VC
S 10	0.5U	0.5U	0.5U	0.5U
I 49	0.5U	0.5U	0.5U	0.5U
D 101	0.5U	0.5U	0.5U	0.5U

PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-24-22
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

TCE IN REGIONAL DEEP-ZONE GROUNDWATER >100'
APRIL 2022

Project No. 1176-01

Figure No. 17

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APPROXIMATE SCALE IN FEET

0 50 100

N

Note: MW-10s and MW-11i are approximately 60 feet to north of DEQ-1d

MOHAWK BL VD

ACTIVE TENANT SPACES

FORMER SPRINGVILLA DRY CLEANER

(Intact)

(Removed)

DETECTED >1

50

100

Depth (ft)	PCE	TCE
14.7	0.5U	0.5U
29.7	61	45
42.8	103	59
59.8	99	30
72.2	0.5U	0.5U
82.7	77	6.9
107.5	0.5U	0.5U

MW-29s		
DEPTH(FT)	PCE	TCE
10.5-20.5	0.52	0.5U

PNG-17		
DEPTH(FT)	PCE	TCE
22.5	7.9	0.80
32.5	355	31
42.5	1,860	37
52.5	103	14

MW-2s		
DEPTH(FT)	PCE	TCE
10-25	0.5U	0.5U

PNG-11		
DEPTH(FT)	PCE	TCE
10-15	1.4	0.5U

PNG-15		
DEPTH(FT)	PCE	TCE
10-15	0.78	0.5U

PNG-13		
DEPTH(FT)	PCE	TCE
10-15	0.5U	0.5U

IN-1s		
DEPTH(FT)	PCE	TCE
10-15	3.5	12

MW-21i		
DEPTH(FT)	PCE	TCE
52	0.5U	16
62	0.5U	13

MW-22s		
DEPTH(FT)	PCE	TCE
23	27	1.0

PNG-10		
DEPTH(FT)	PCE	TCE
10-15	223	461

IN-3s		
DEPTH(FT)	PCE	TCE
10-15	0.5U	0.73

PNG-1		
DEPTH(FT)	PCE	TCE
10-15	1U	1U

PNG-18		
DEPTH(FT)	PCE	TCE
22.5	19	27
32.5	55	54
42.5	156	29
52.5	28	35

PNG-12		
DEPTH(FT)	PCE	TCE
10-15	67	1U

PNG-3		
DEPTH(FT)	PCE	TCE
10-15	52	2.4

PNG-9		
DEPTH(FT)	PCE	TCE
10-15	46	36

MW-3s		
DEPTH(FT)	PCE	TCE
20	0.5U	0.5U

PNG-19		
DEPTH(FT)	PCE	TCE
32.5	0.5U	0.57
40.5	53	28
52.5	7.2	1.1

PNG-16		
DEPTH(FT)	PCE	TCE
22.5	502	31
32.5	75	30
42.5	122	14
52.5	3.9	4.5

PNG-14		
DEPTH(FT)	PCE	TCE
10-15	5.8	1U

MW-14i
MW-4s
MW-25 CMT
MW-29s
DEQ-1d
MW-23s
MW-7i
MW-6s
MW-2s
MW-9i
MW-8s
PNG-17
PNG-15
PNG-13
IN-1s
PNG-11
PNG-1
MW-22s
MW-21i
PNG-10
DEQ-4s (removed)
DEQ-5s (removed)
IN-6i
IN-3s
PNG-1
PNG-9
PNG-3
MW-1s
PNG-18
PNG-16
PNG-12
PNG-14
IN-7i
MW-3s
PNG-19
EX-5i
IN-5s
MW-16s
MW-17i
IN-8i

LEGEND

- MW-1 — Monitoring Well
- Former Monitoring Well
- PNG Boring (2020)
- PNG Temporary Well Point Boring Groundwater Sample Location (2020)
- Temporary Well Point Boring (2021)
- HartCrowser Soil Removal Area (08/2004)
- Approximate Area of Detected Shallow Groundwater PCE Impact (Less than 25' Depth)

PCE= Tetrachloroethene (ug/L)

TCE= Trichloroethene (ug/L)

U= Not Detected Above Laboratory Reporting Limit Indicated

J= Estimated Value

Monitoring Well Data Dated (October 2020 and January 2021)

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey
- Bergeson-Boese & HartCrowser
- Oregon DEQ
- Features shown are approximate and for illustrative purposes only.

Reference Levels (ug/L)		
RBC Ingestion & Inhalation	PCE	TCE
Occupational	48	3.3
RBC Vapor Intrusion		
Occupational	48,000	3,700

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PNG ENVIRONMENTAL, INC.
6665 SW Hampton St., Ste. 101
Tigard, OR 97223
TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-18-21
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

TEMPORARY WELL POINT AND SHALLOW ZONE GROUNDWATER RESULTS (LESS THAN 25' DEPTH)

Project No. 1176-01

Figure No. 18

APPROXIMATE SCALE IN FEET

0 50 100

N

Note: MW-10s and MW-11i are approximately 60 feet to north of DEQ-1d

DEQ-1d

MOHAWK BLVD

100

50

ACTIVE TENANT SPACES

FORMER SPRINGVILLA DRY CLEANER

(Intact)

(Removed)

MW-29s		
DEPTH(FT)	PCE	TCE
10.5-20.5	0.52	0.5U

MW-29s

PNG-17		
DEPTH(FT)	PCE	TCE
22.5	7.9	0.80
32.5	355	31
42.5	1,860	37
52.5	103	14

PNG-17

MW-7i

MW-6s

MW-2s		
DEPTH(FT)	PCE	TCE
10-25	0.5U	0.5U

MW-2s

PNG-11		
DEPTH(FT)	PCE	TCE
10-15	1.4	0.5U

PNG-11

MW-9i

MW-8s

MW-23s

Depth (ft)	PCE	TCE
14.7	0.5U	0.5U
29.7	61	45
42.8	103	59
59.8	99	30
72.2	0.5U	0.5U
82.7	77	6.9
107.5	0.5U	0.5U

MW-14i

MW-4s

MW-25 CMT

PNG-15		
DEPTH(FT)	PCE	TCE
10-15	0.78	0.5U

PNG-15

PNG-13		
DEPTH(FT)	PCE	TCE
10-15	0.5U	0.5U

PNG-13

IN-1s		
DEPTH(FT)	PCE	TCE
10-15	3.5	12

IN-1s

DEQ-4s (removed)

DEQ-5s (removed)

PNG-10

PNG-10		
DEPTH(FT)	PCE	TCE
10-15	223	461

MW-22s

MW-21i

MW-22s		
DEPTH(FT)	PCE	TCE
23	27	1.0

MW-21i		
DEPTH(FT)	PCE	TCE
52	0.5U	16
62	0.5U	13

IN-3s		
DEPTH(FT)	PCE	TCE
10-15	0.5U	0.73

IN-6i

IN-3s

S

S

PNG-1		
DEPTH(FT)	PCE	TCE
10-15	1U	1U

PNG-1

PNG-9

PNG-3

MW-1s

PNG-18		
DEPTH(FT)	PCE	TCE
22.5	19	27
32.5	55	54
42.5	156	29
52.5	28	35

PNG-18

PNG-12

PNG-16

PNG-12		
DEPTH(FT)	PCE	TCE
10-15	67	1U

PNG-3		
DEPTH(FT)	PCE	TCE
10-15	52	2.4

PNG-9		
DEPTH(FT)	PCE	TCE
10-15	46	36

PNG-14

IN-7i

MW-3s

PNG-19

EX-5i

MW-3s		
DEPTH(FT)	PCE	TCE
20	0.5U	0.5U

PNG-19		
DEPTH(FT)	PCE	TCE
32.5	0.5U	0.57
40.5	53	28
52.5	7.2	1.1

PNG-16		
DEPTH(FT)	PCE	TCE
22.5	502	31
32.5	75	30
42.5	122	14
52.5	3.9	4.5

PNG-14		
DEPTH(FT)	PCE	TCE
10-15	5.8	1U

IN-5s

MW-16s

MW-17i

IN-8i

LEGEND

- MW-1 — Monitoring Well
- Former Monitoring Well
- PNG Boring (2020)
- PNG Temporary Well Point Boring Groundwater Sample Location (2020)
- Temporary Well Point Boring (2021)
- HartCrowser Soil Removal Area (08/2004)
- Approximate Area of Upper Intermediate Zone Groundwater PCE Impact (30-42.5' Depth)

PCE= Tetrachloroethene (ug/L)

TCE= Trichloroethene (ug/L)

U= Not Detected Above Laboratory Reporting Limit Indicated

J= Estimated Value

Monitoring Well Data Dated (October 2020 ad January 2021)

NOTE:

BASE MAPS:

- Lane County Assessment and Taxation
- Statewide Land Survey
- Bergeson-Boese & HartCrowser
- Oregon DEQ
- Features shown are approximate and for illustrative purposes only.

Reference Levels (ug/L)		
RBC Ingestion & Inhalation	PCE	TCE
Occupational	48	3.3
RBC Vapor Intrusion		
Occupational	48,000	3,700

I:\Autocad Files\PNG-Autocad\1176-01 Springfield\2021\June 2021\1176-01_BM-060121.dwg

PNG ENVIRONMENTAL, INC.

6665 SW Hampton St., Ste. 101
Tigard, OR 97223

TEL (503) 620-2387
FAX (503) 620-2977

DATE: 5-18-21
FILE NAME: 1176-01
DRAWN BY: JJT
APPROVED BY: SV

FORMER SPRINGVILLA DRY CLEANER
1459 MOHAWK BLVD
SPRINGFIELD, OR

TEMPORARY WELL POINT AND UPPER INTERMEDIATE GROUNDWATER RESULTS (30-42.5' DEPTH)

Project No. 1176-01

Figure No. 19

APPENDIX A
FIELD LOGS
(ATTACHED CD)

APPENDIX B
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION
(ATTACHED CD)

APPENDIX C
INVESTIGATIVE DERIVED WASTE DISPOSAL DOCUMENTATION
(ATTACHED CD)

APPENDIX D
PCE-TCE CONCENTRATION CHARTS

Figure MW-35i Intermediate
PCE and TCE in Groundwater and Groundwater Elevation
Former Springvilla Dry Cleaner

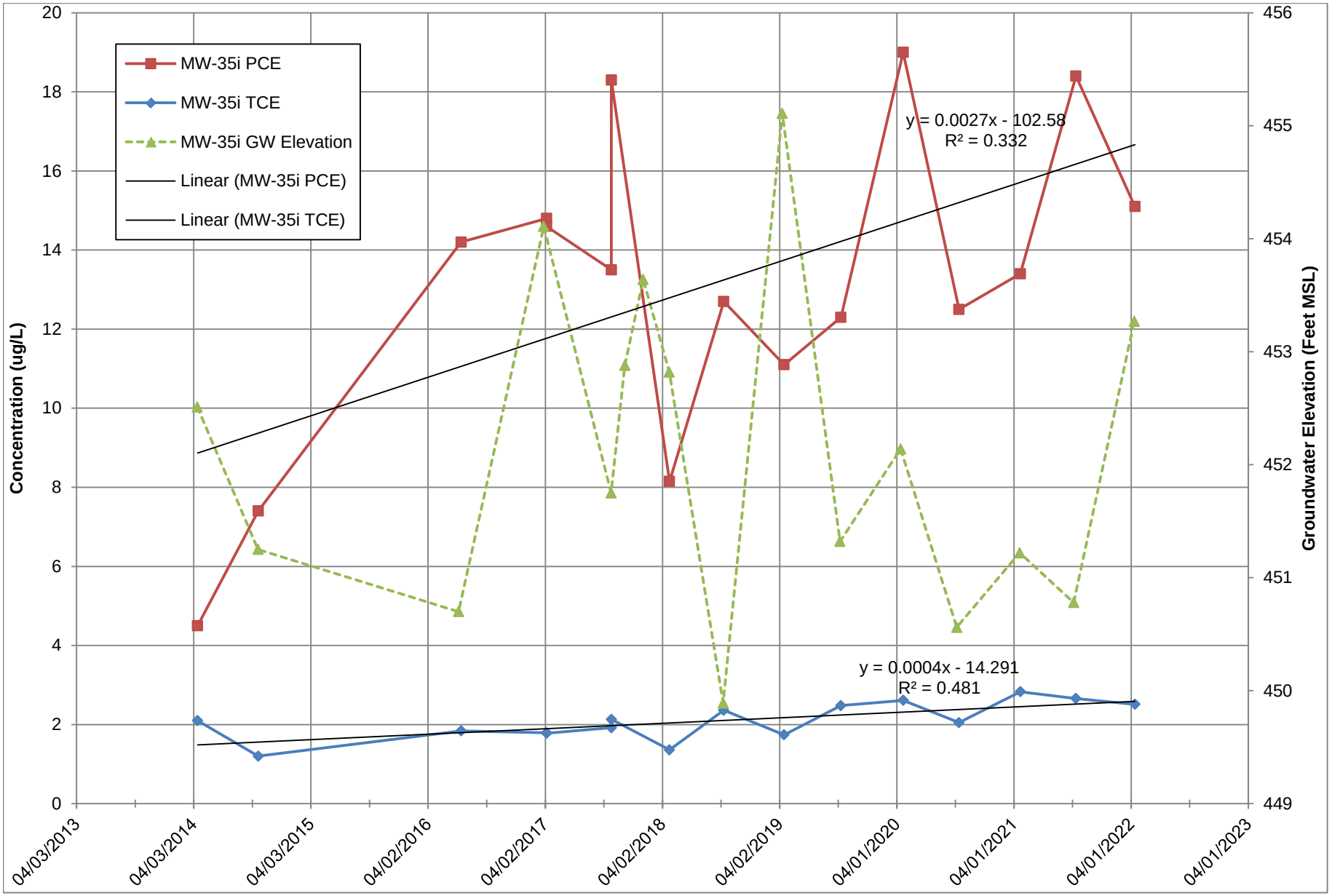

Figure MW-36s Shallow
PCE and TCE in Groundwater and Groundwater Elevation
Former Springvilla Dry Cleaner

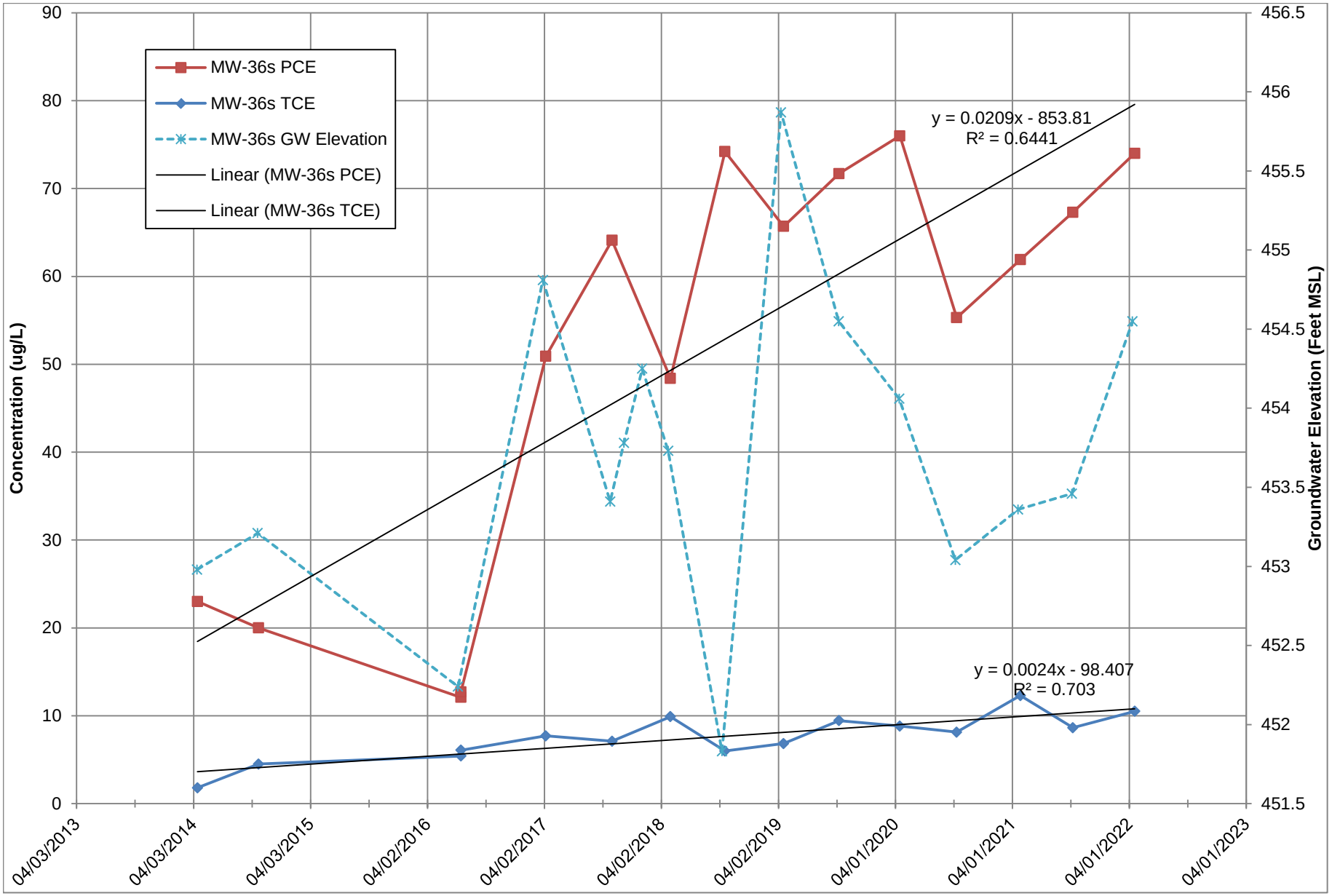

Figure MW-36i Intermediate
PCE and TCE in Groundwater and Groundwater Elevation
Former Springvilla Dry Cleaner

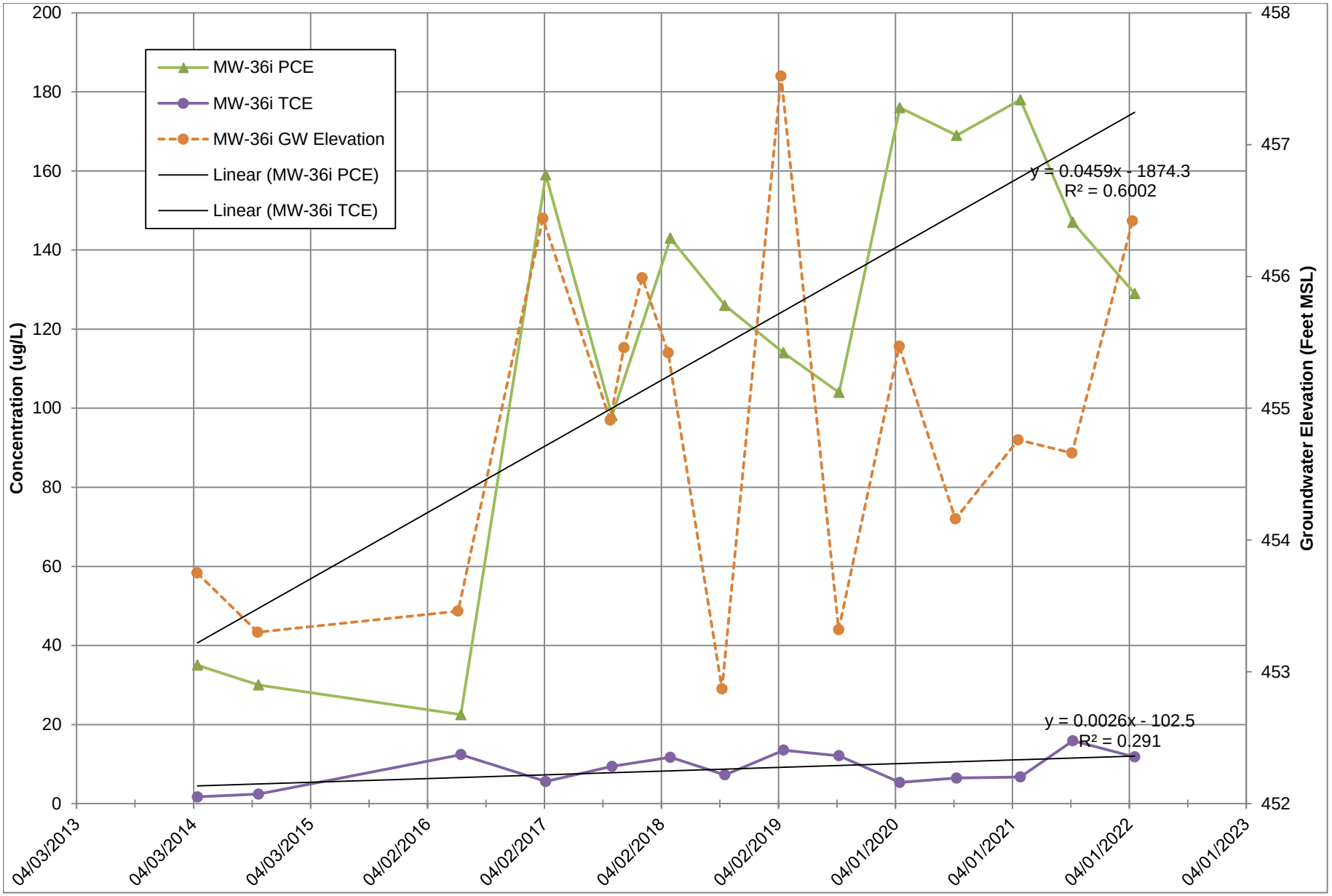

Figure MW-42i Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

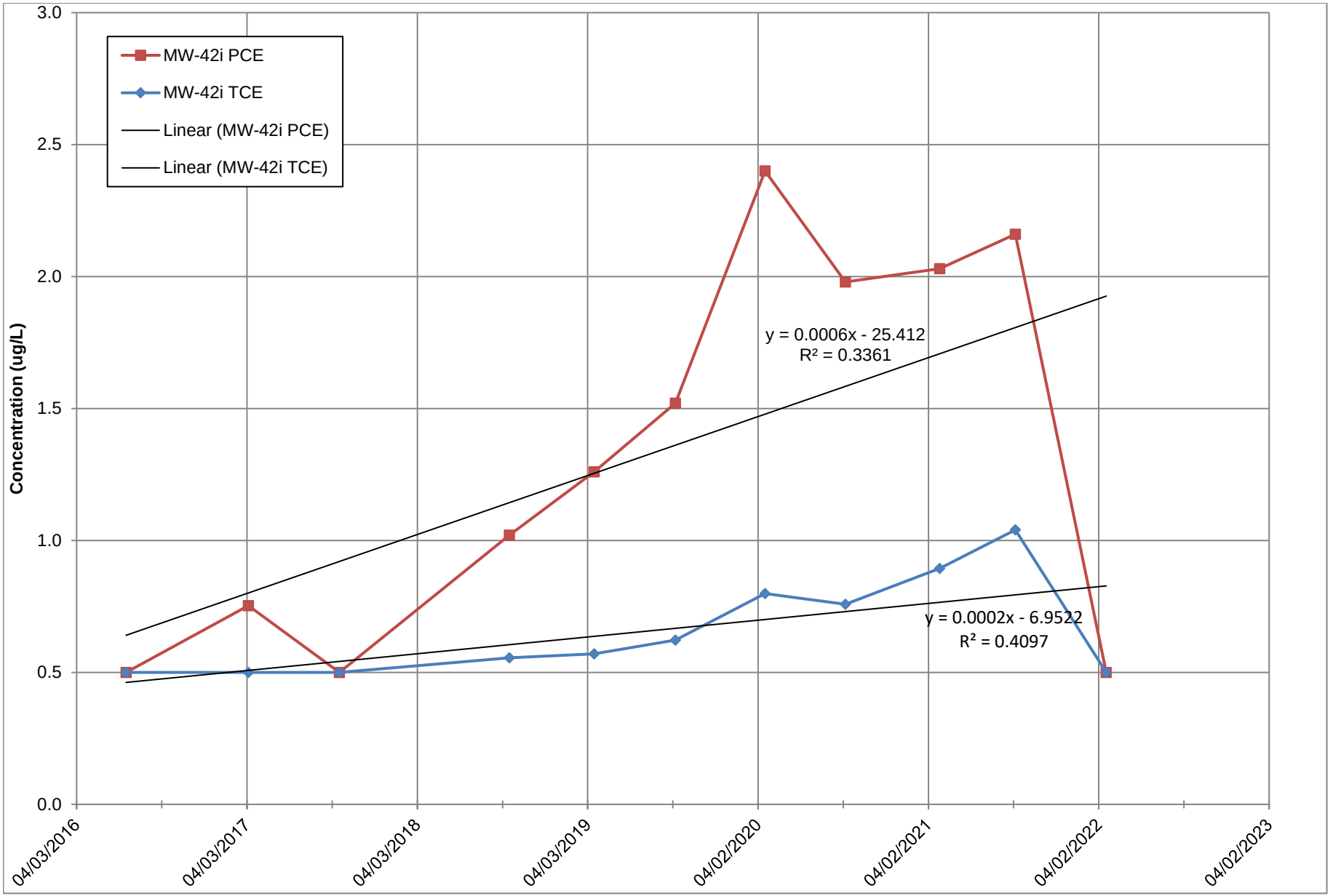

Figure MW-43i Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

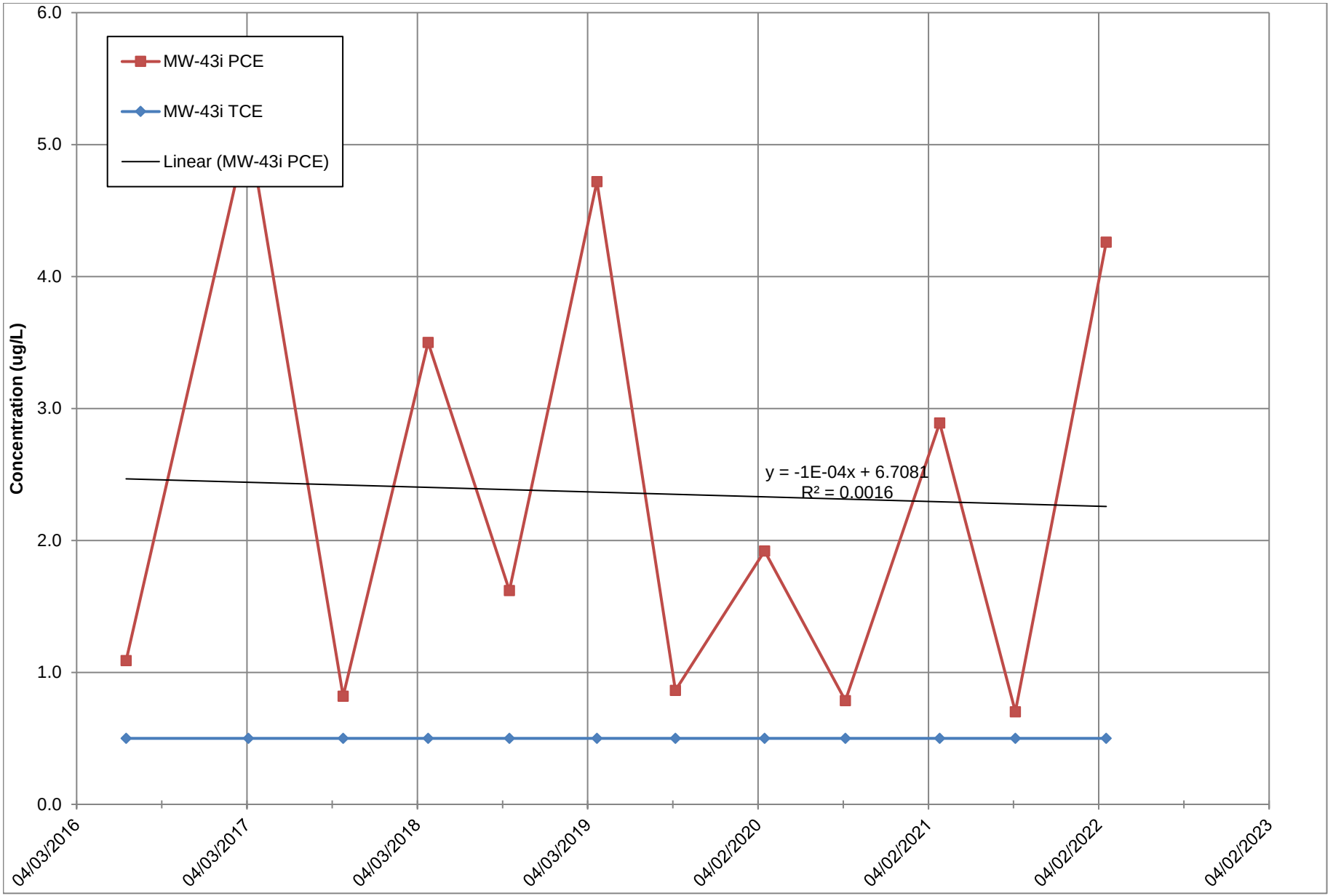

Figure MW-44i Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

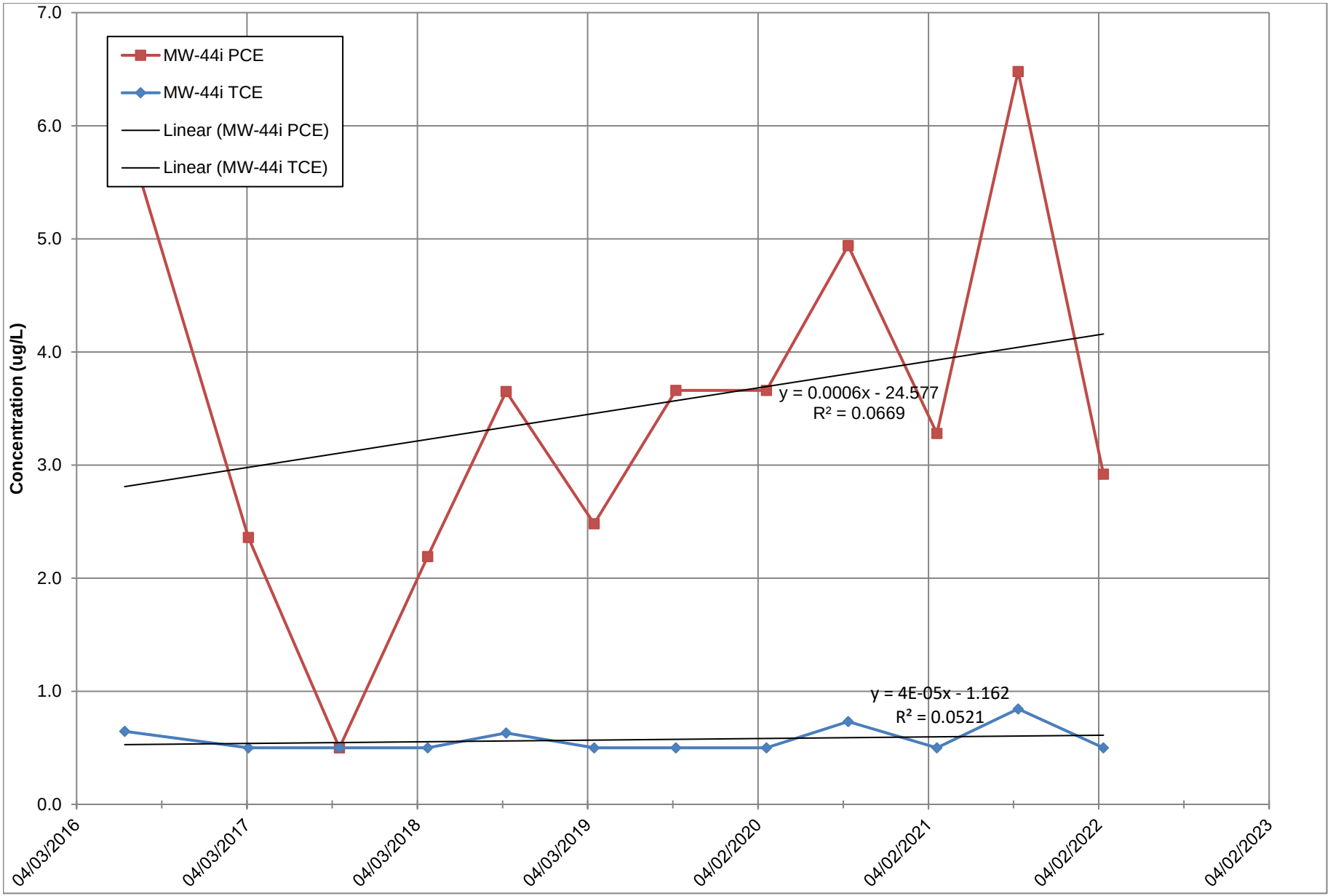

Figure MW-45i Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

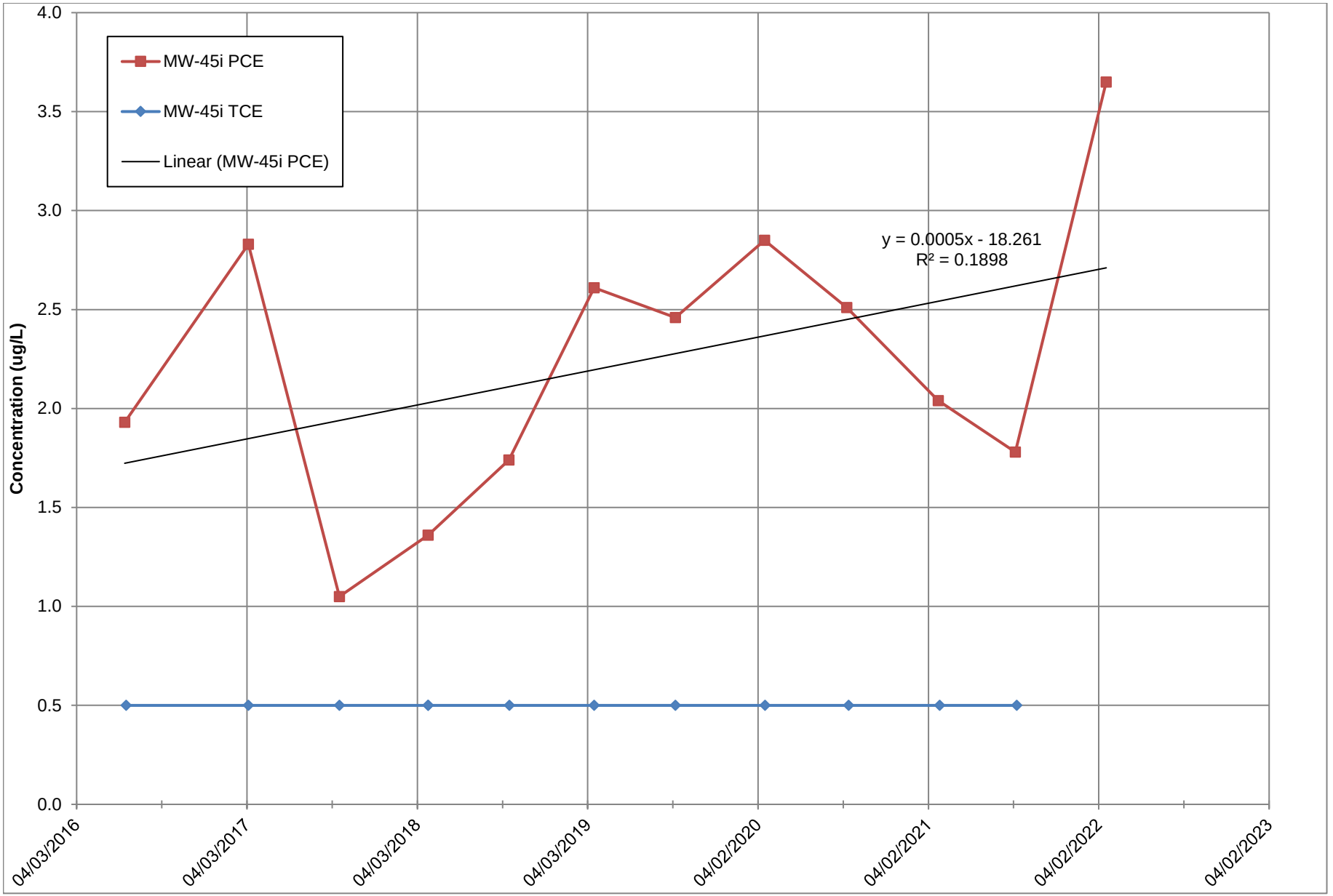

Figure MW-46i Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

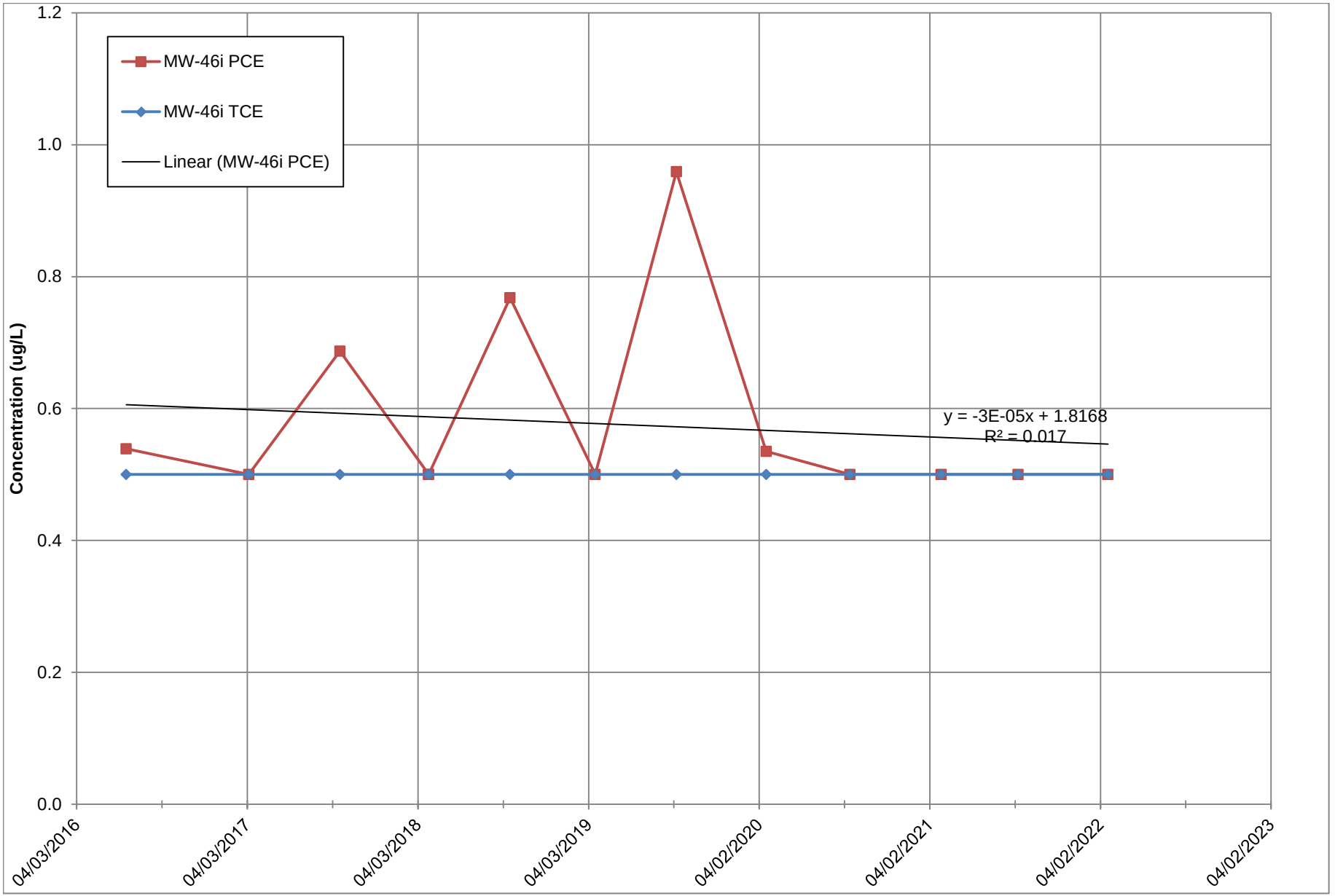

Figure 1350 N Street Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

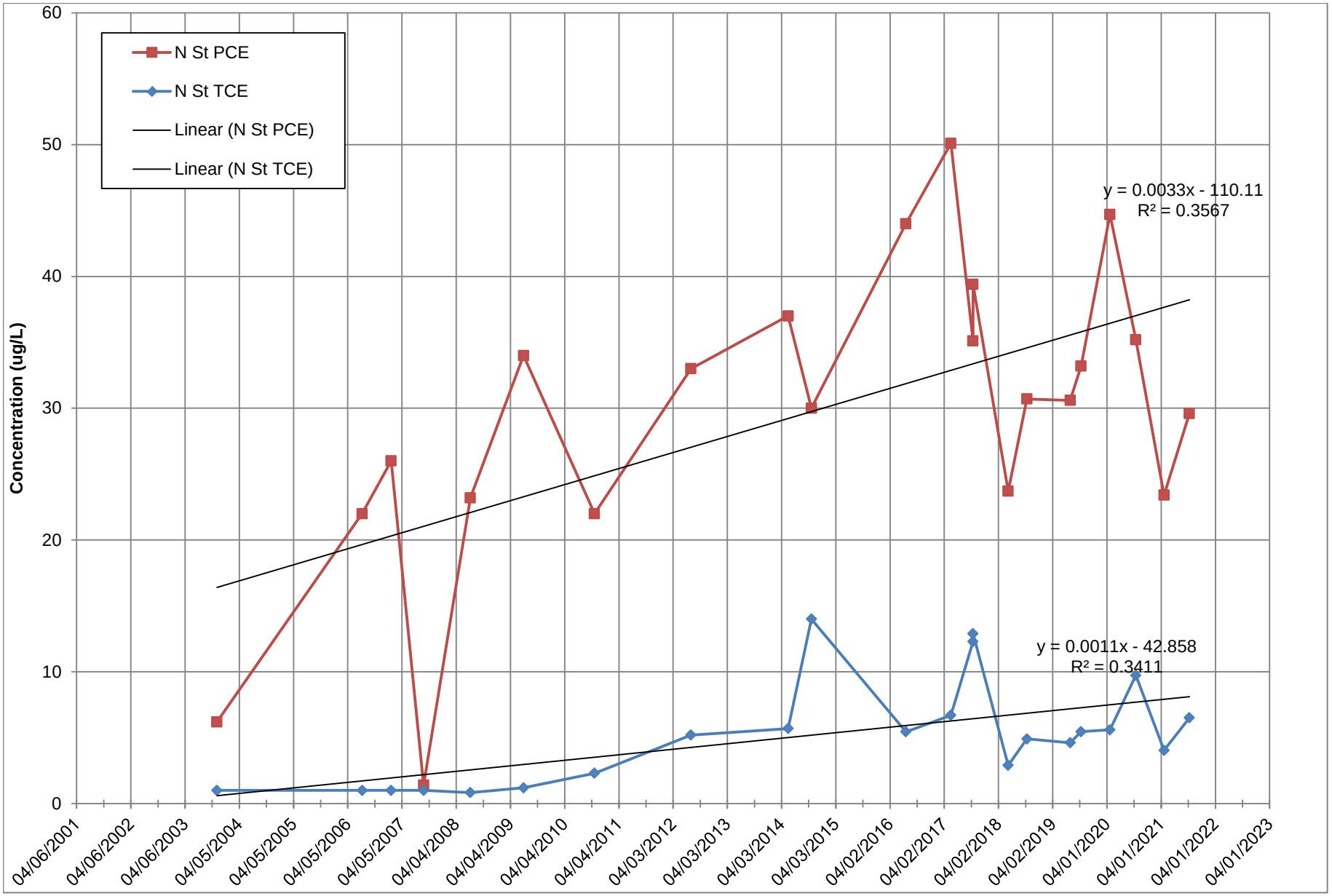

Figure MW-25c1 Shallow
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

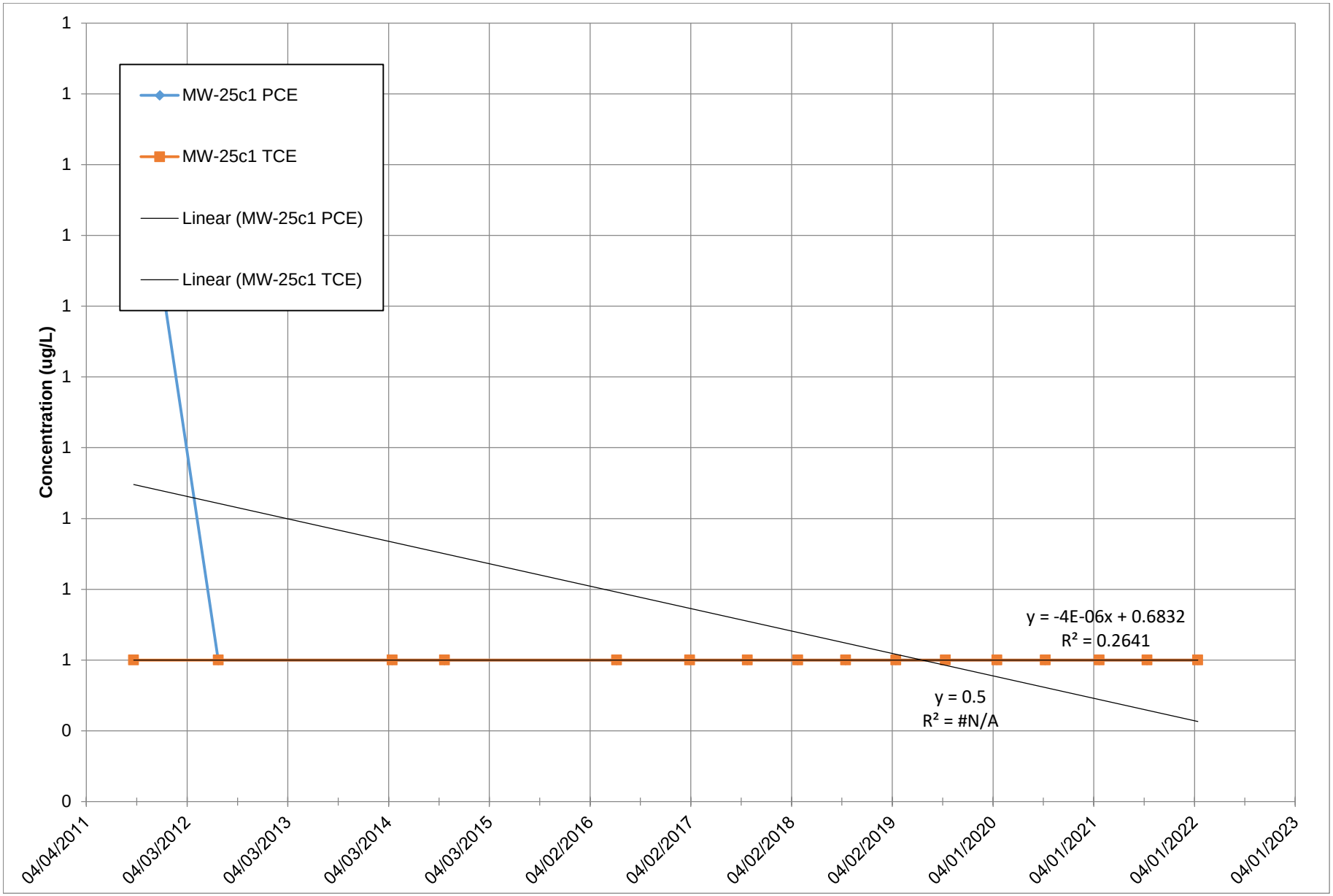

Figure MW-25c2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

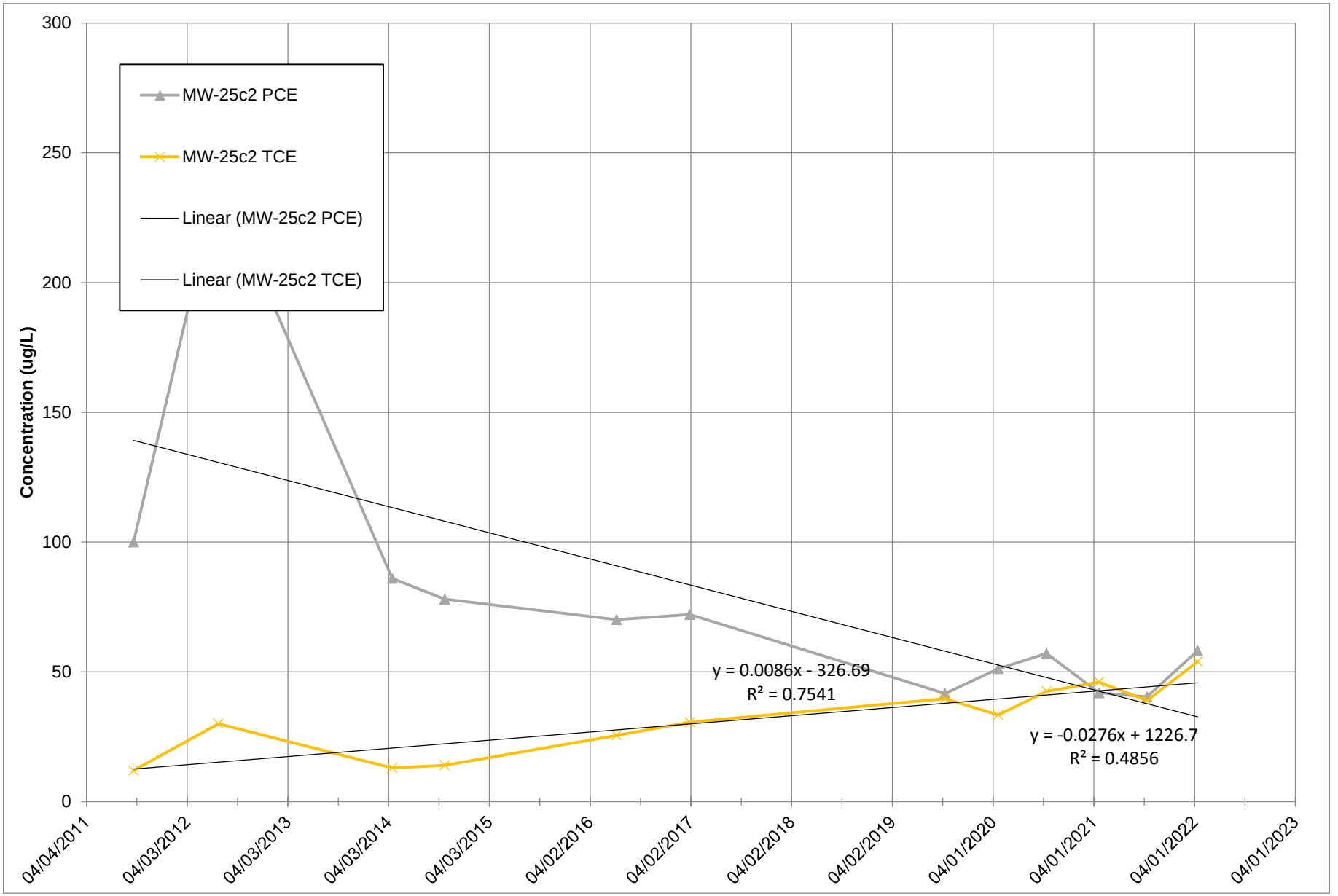

Figure MW-25c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

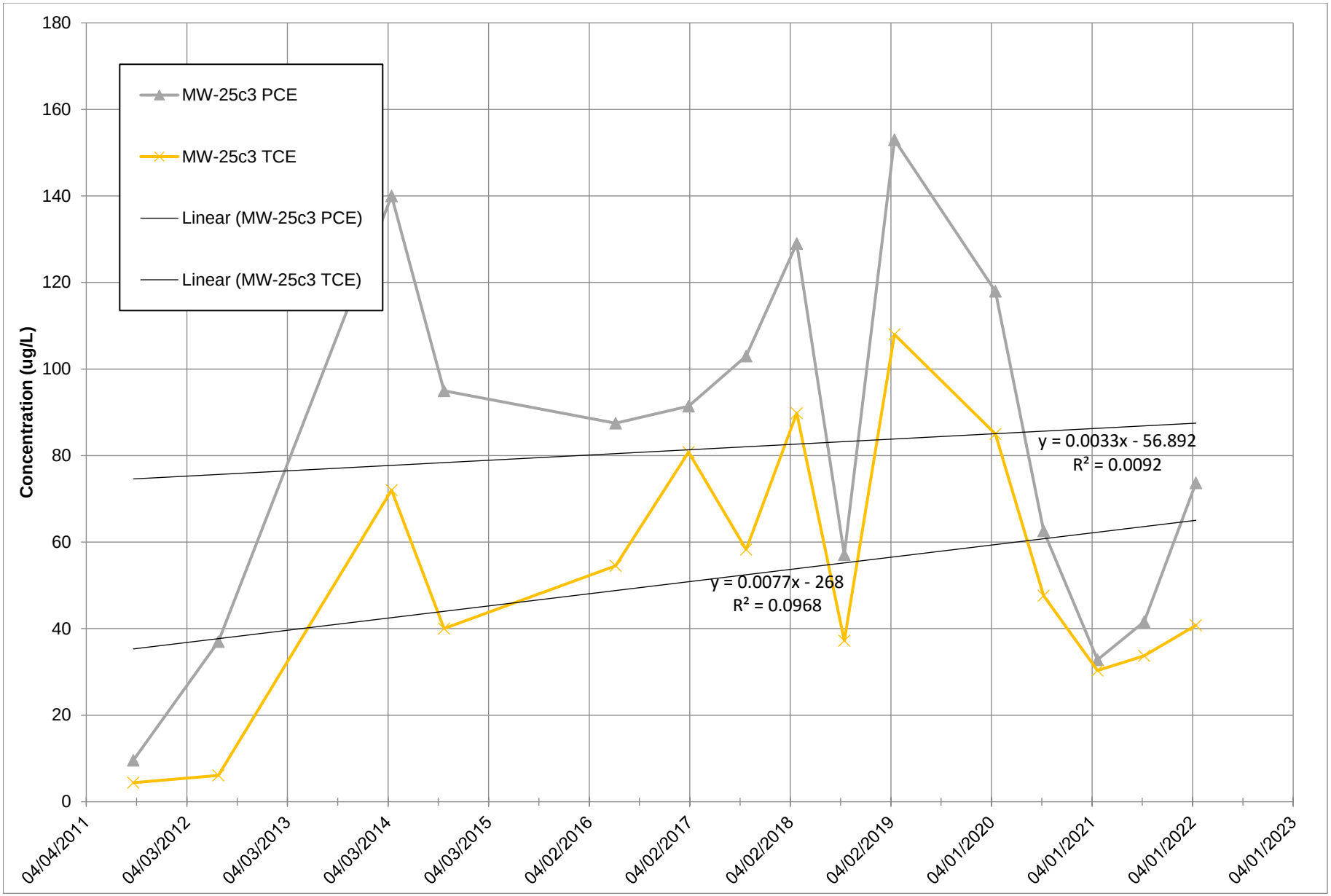

Figure MW-25c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

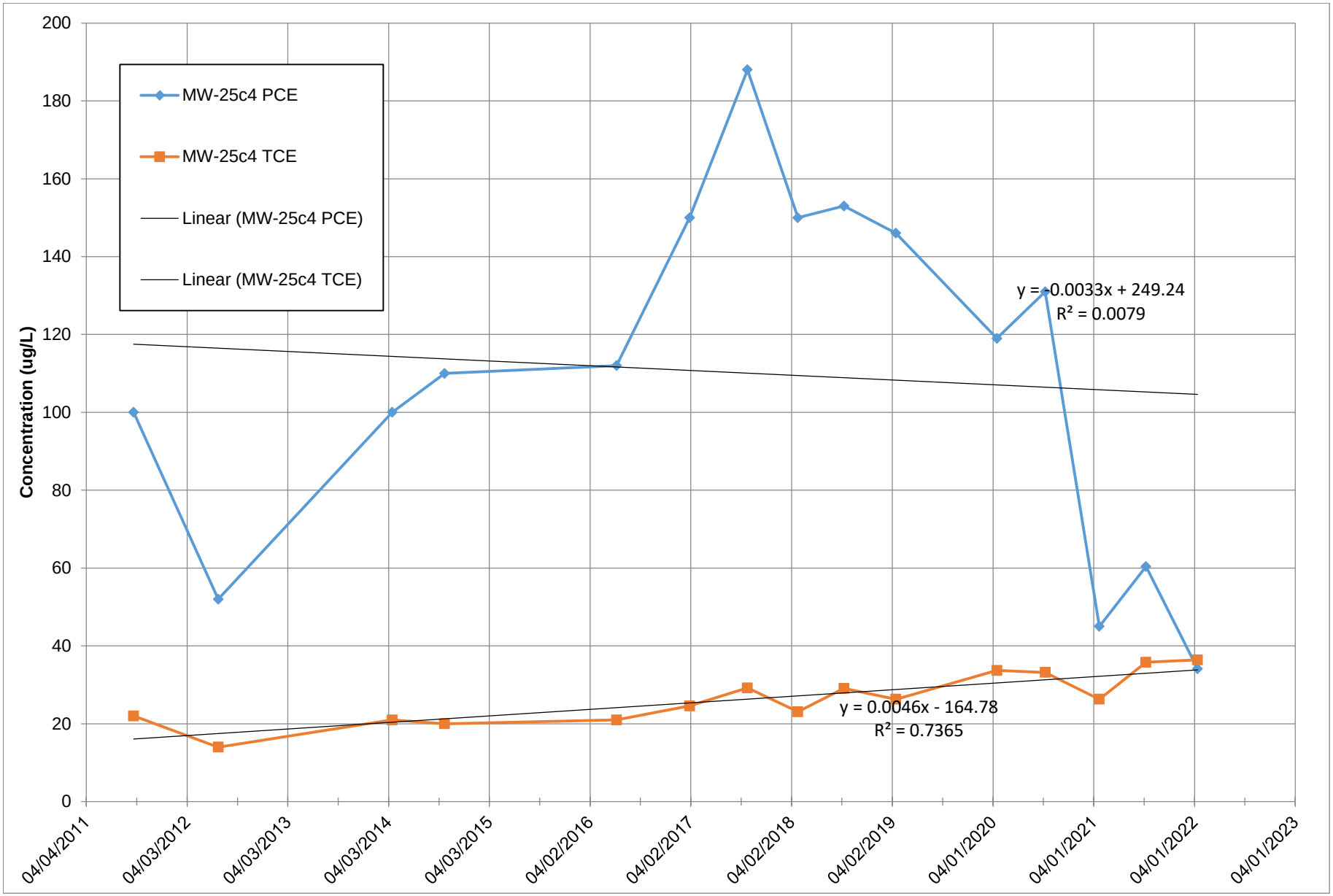

Figure MW-25c6
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

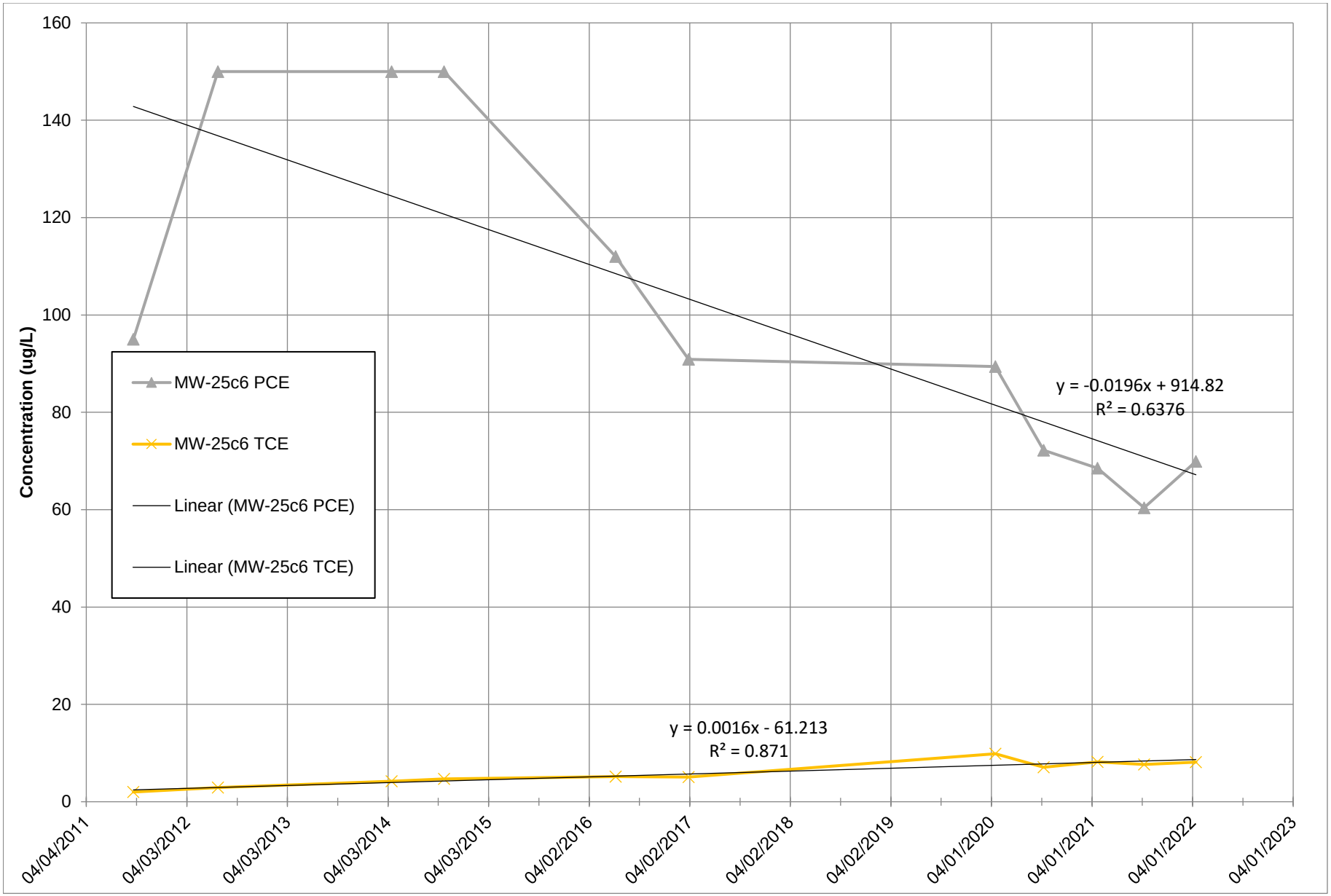

Figure MW-26c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

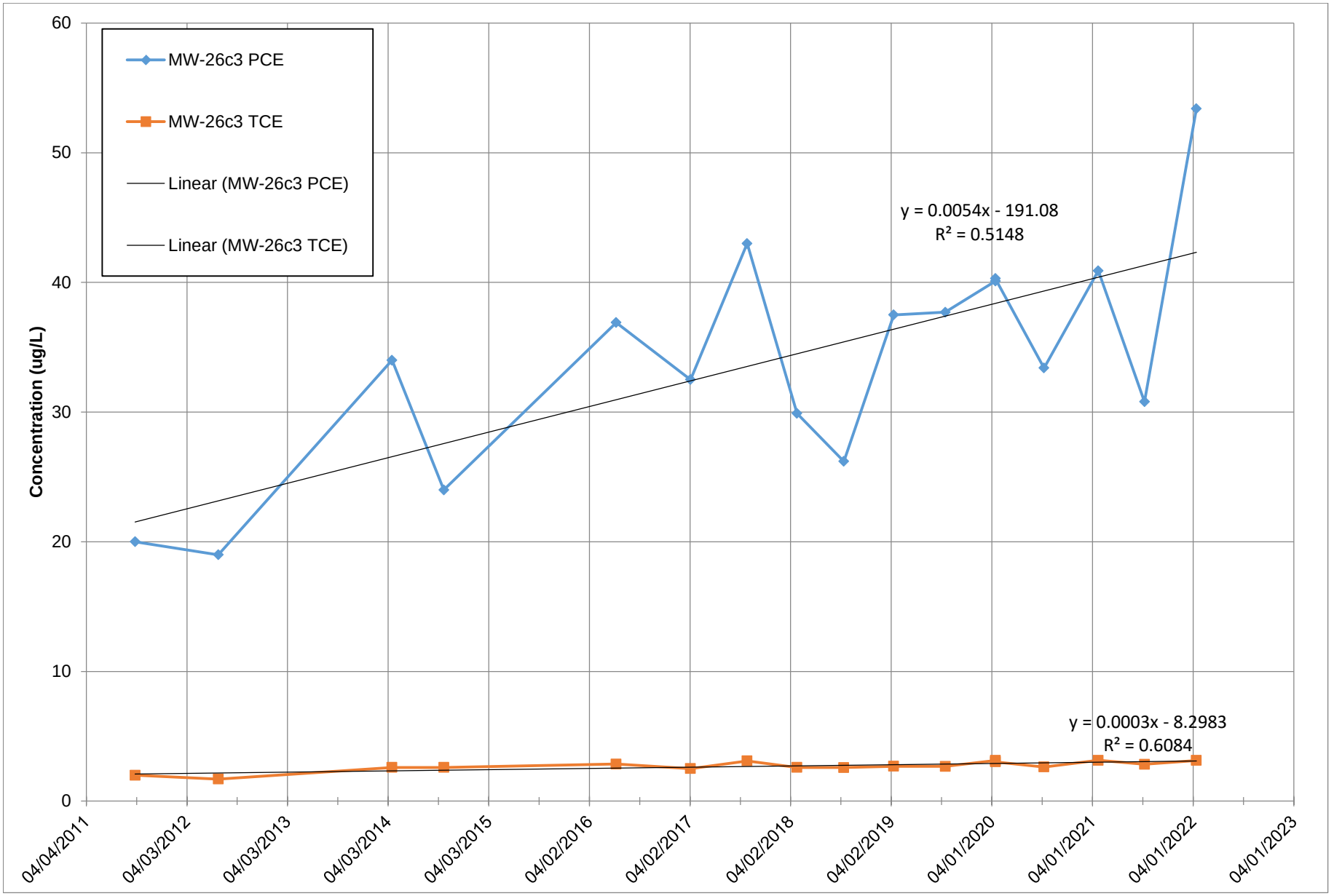

Figure MW-26c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

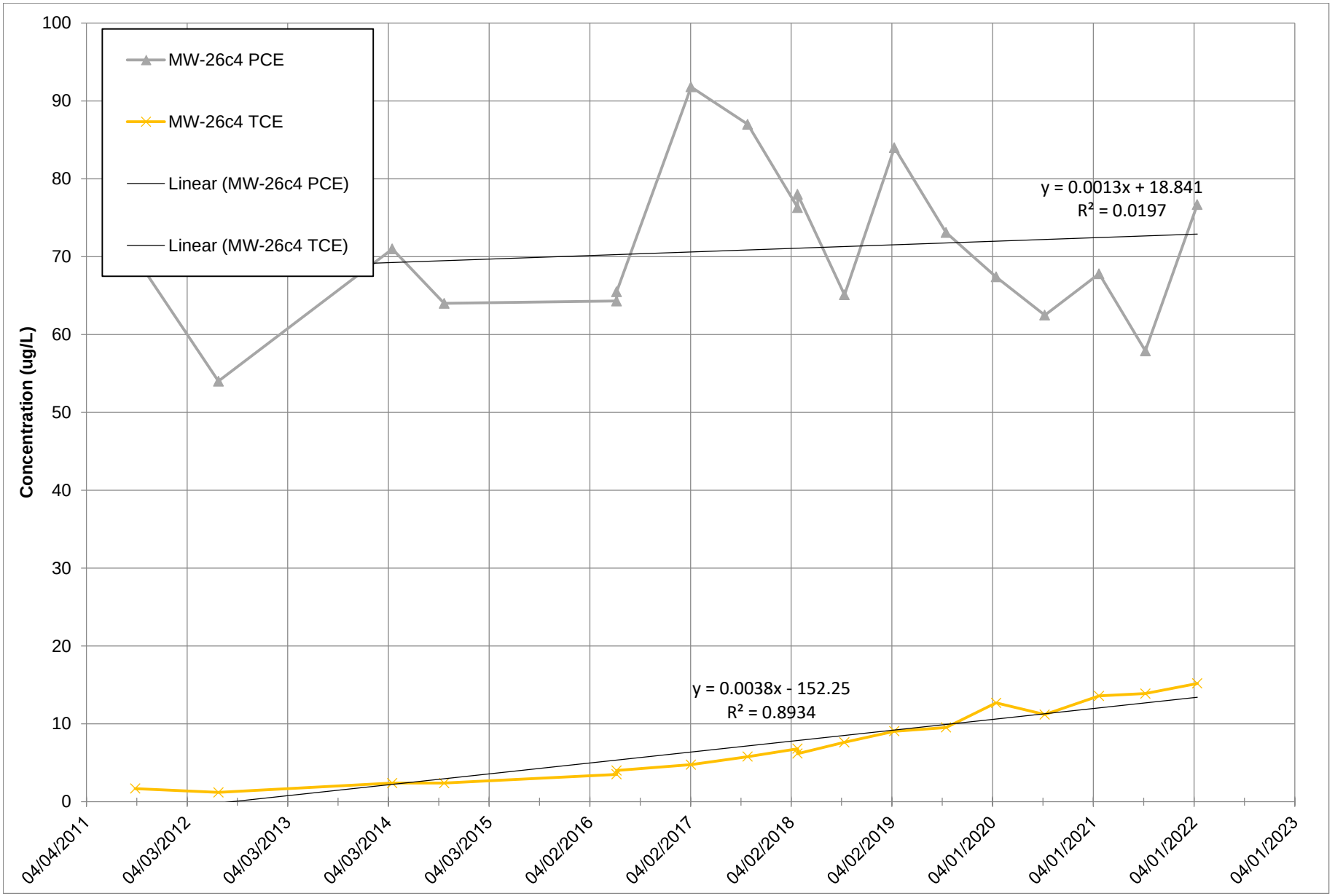

Figure MW-26c5 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

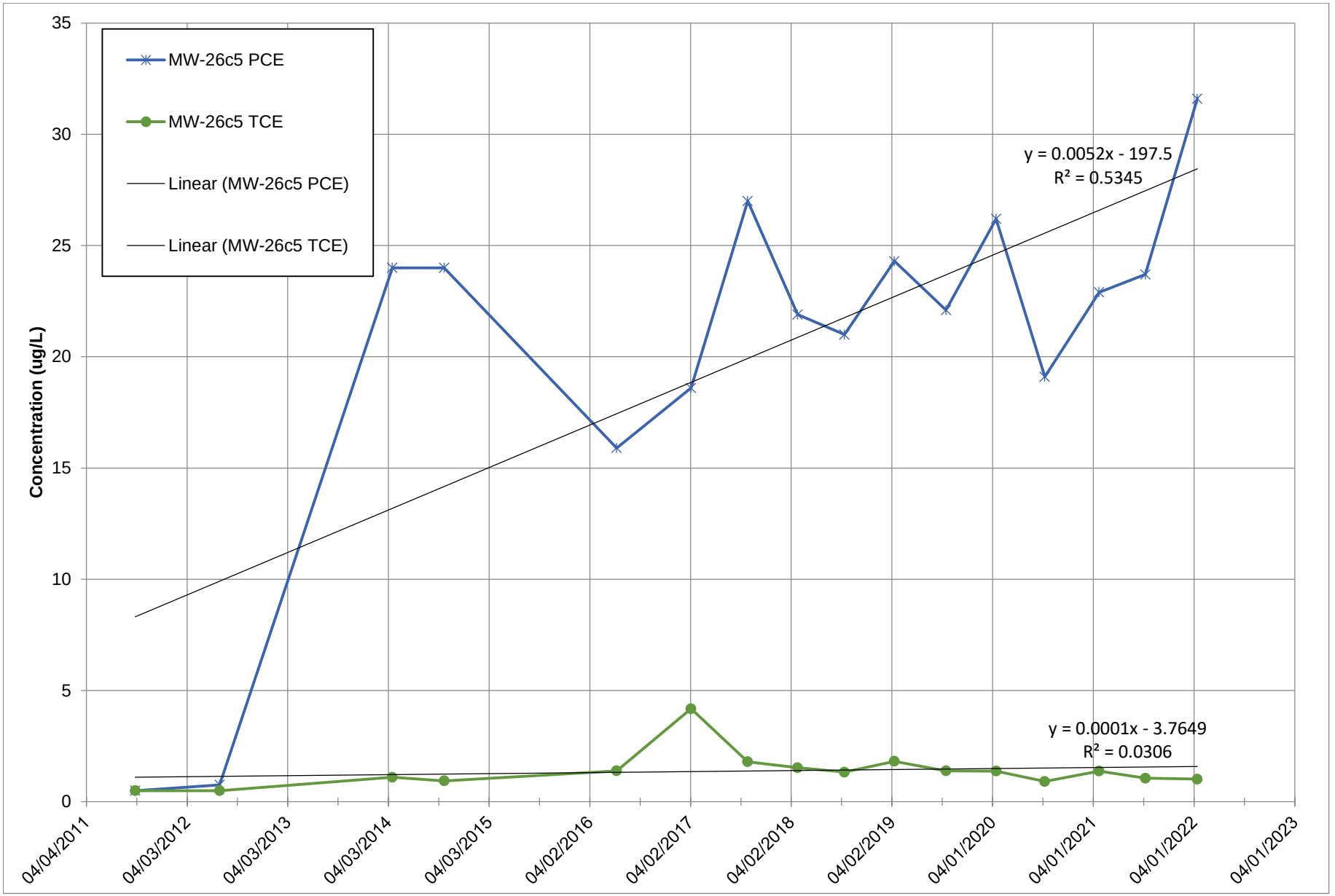

Figure MW-27c2 Shallow
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

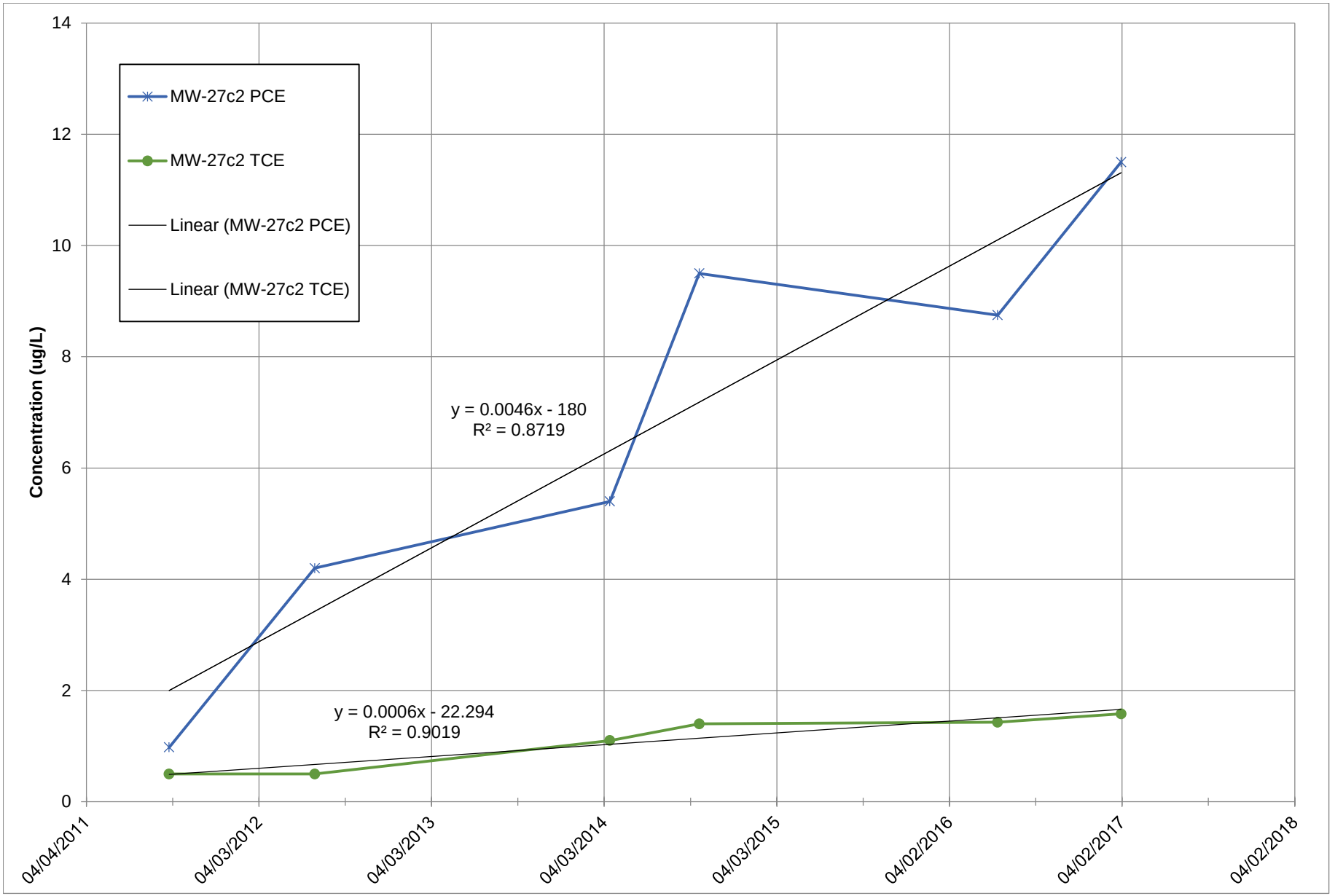

Figure MW-27c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

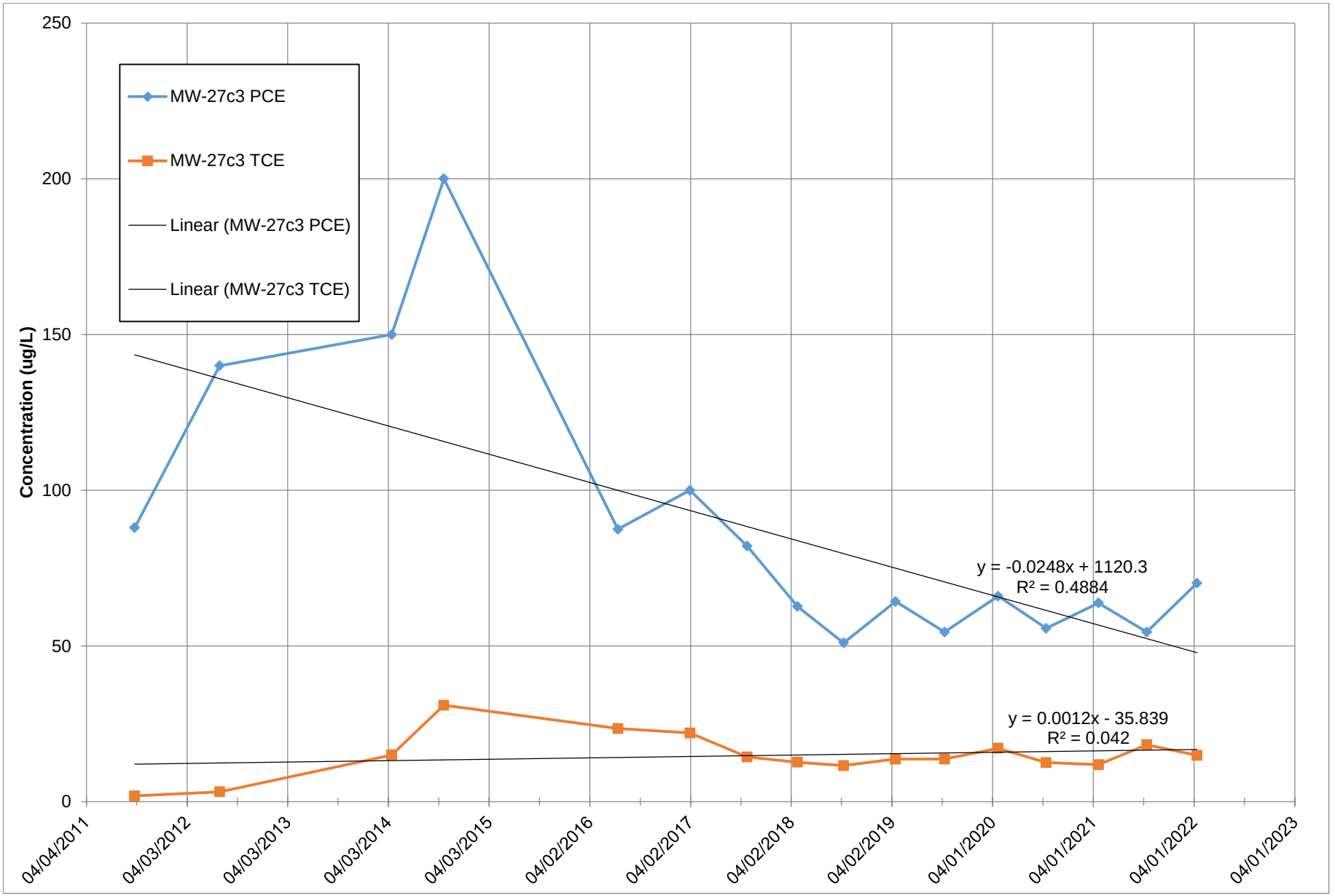

Figure MW-27c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

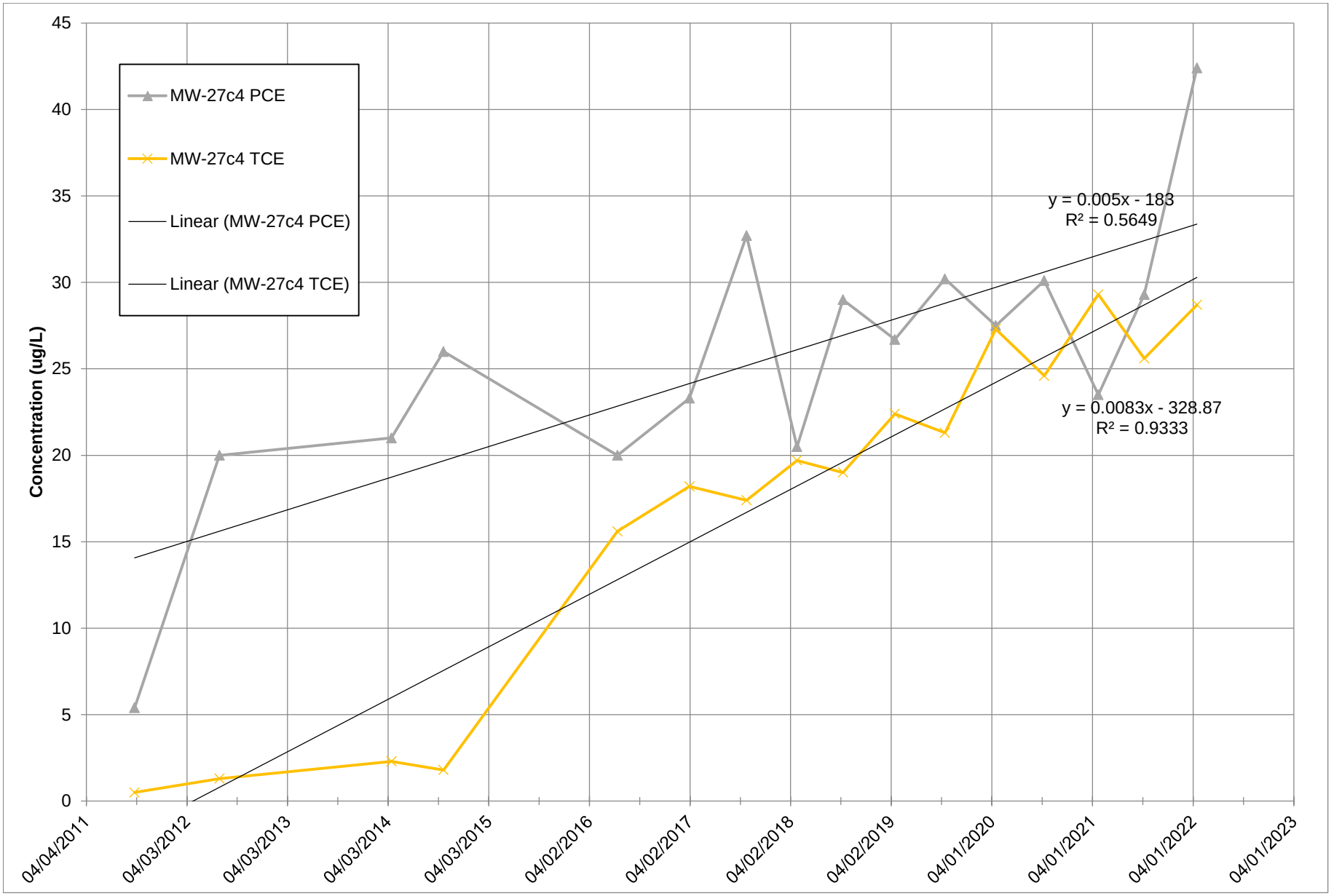

Figure MW-28c1 Shallow
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

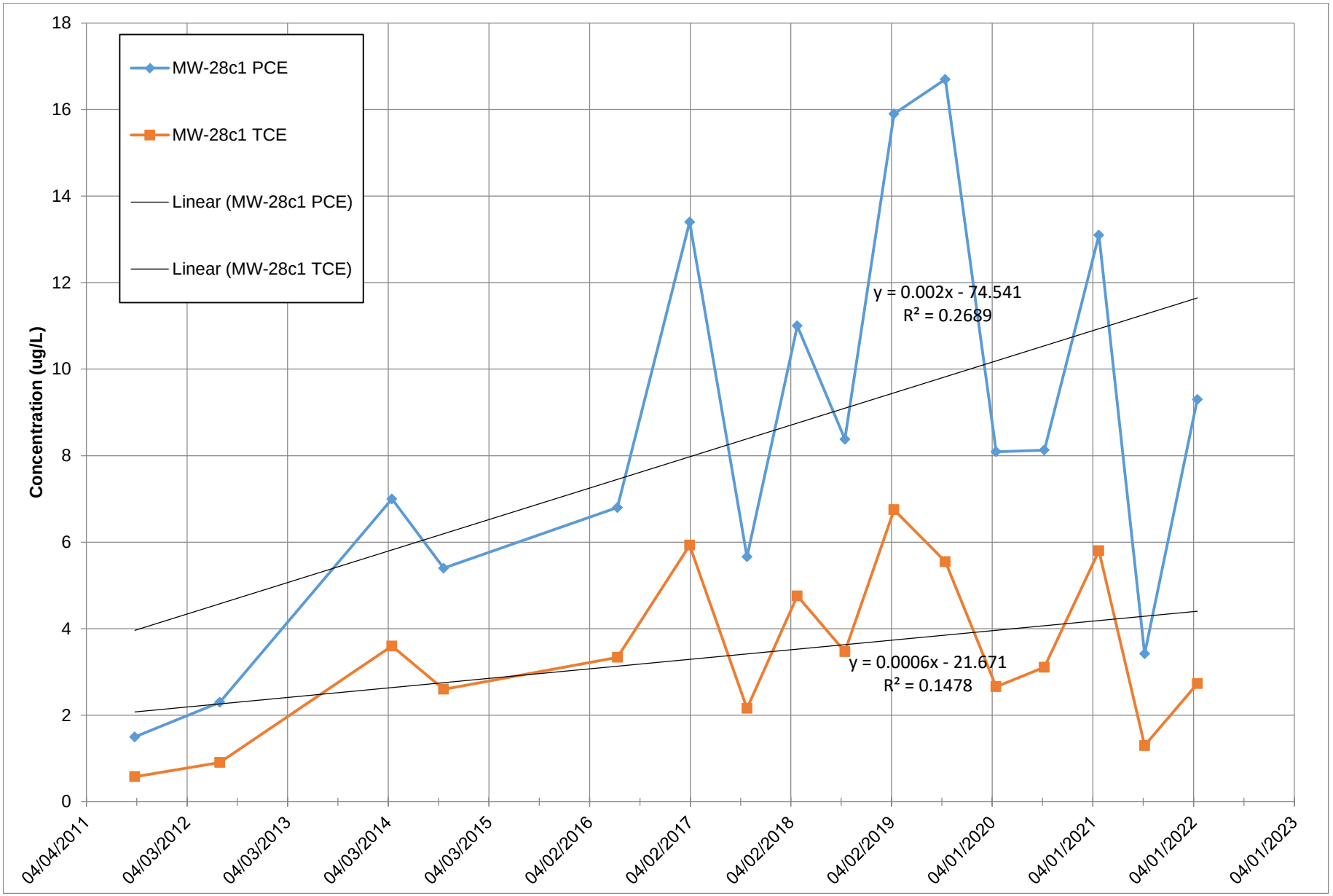

Figure MW-28c2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

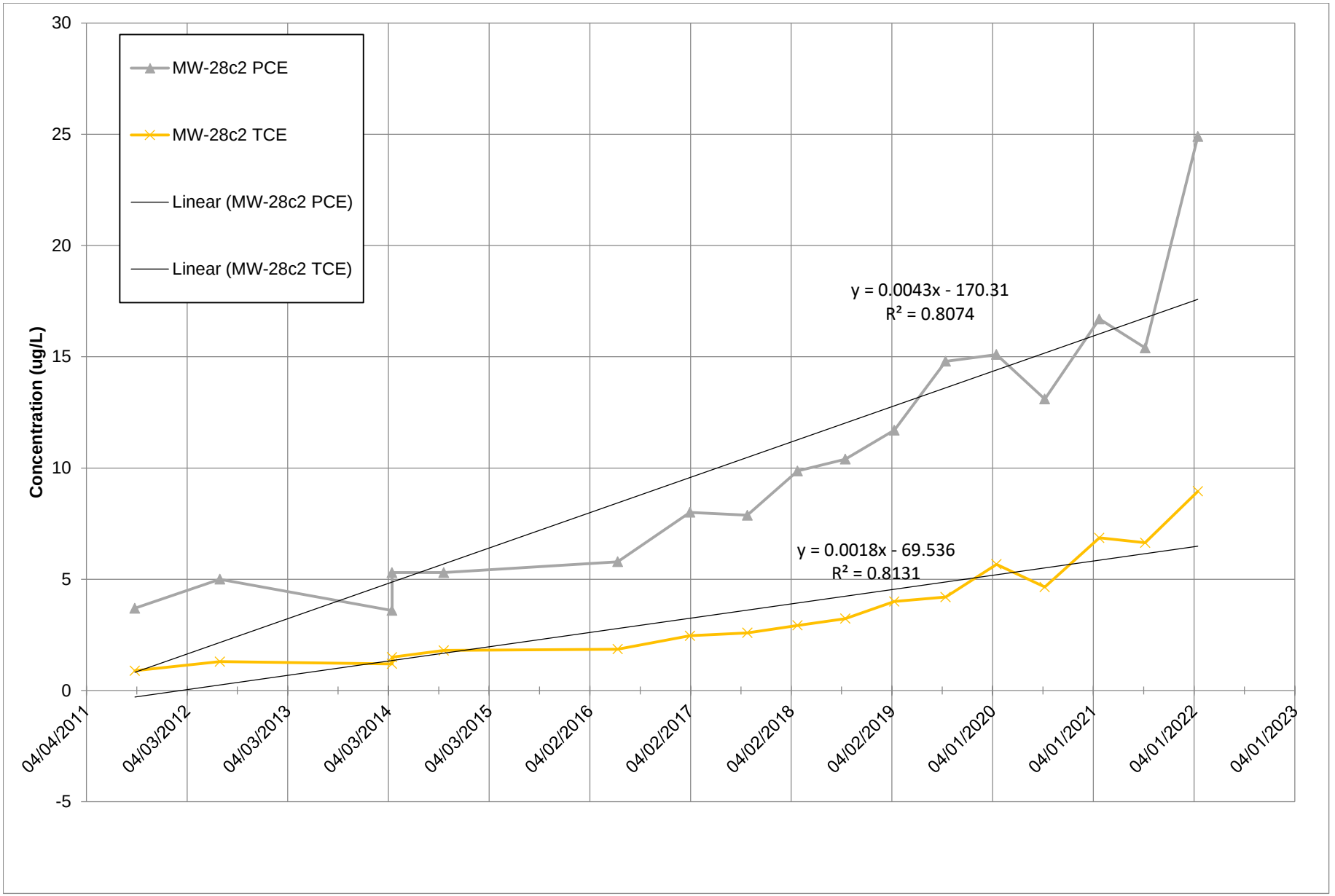

Figure MW-28c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

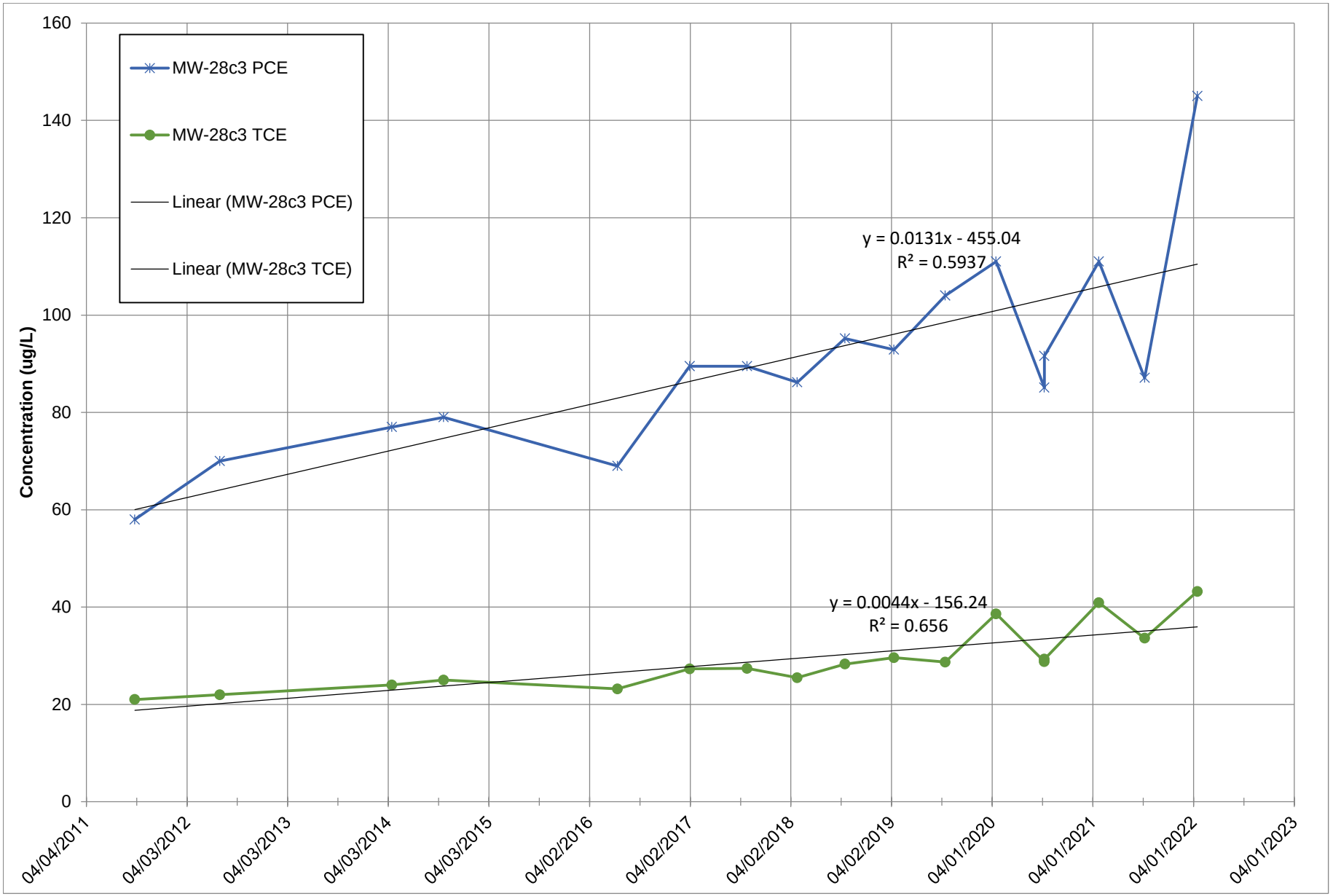

Figure MW-28c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

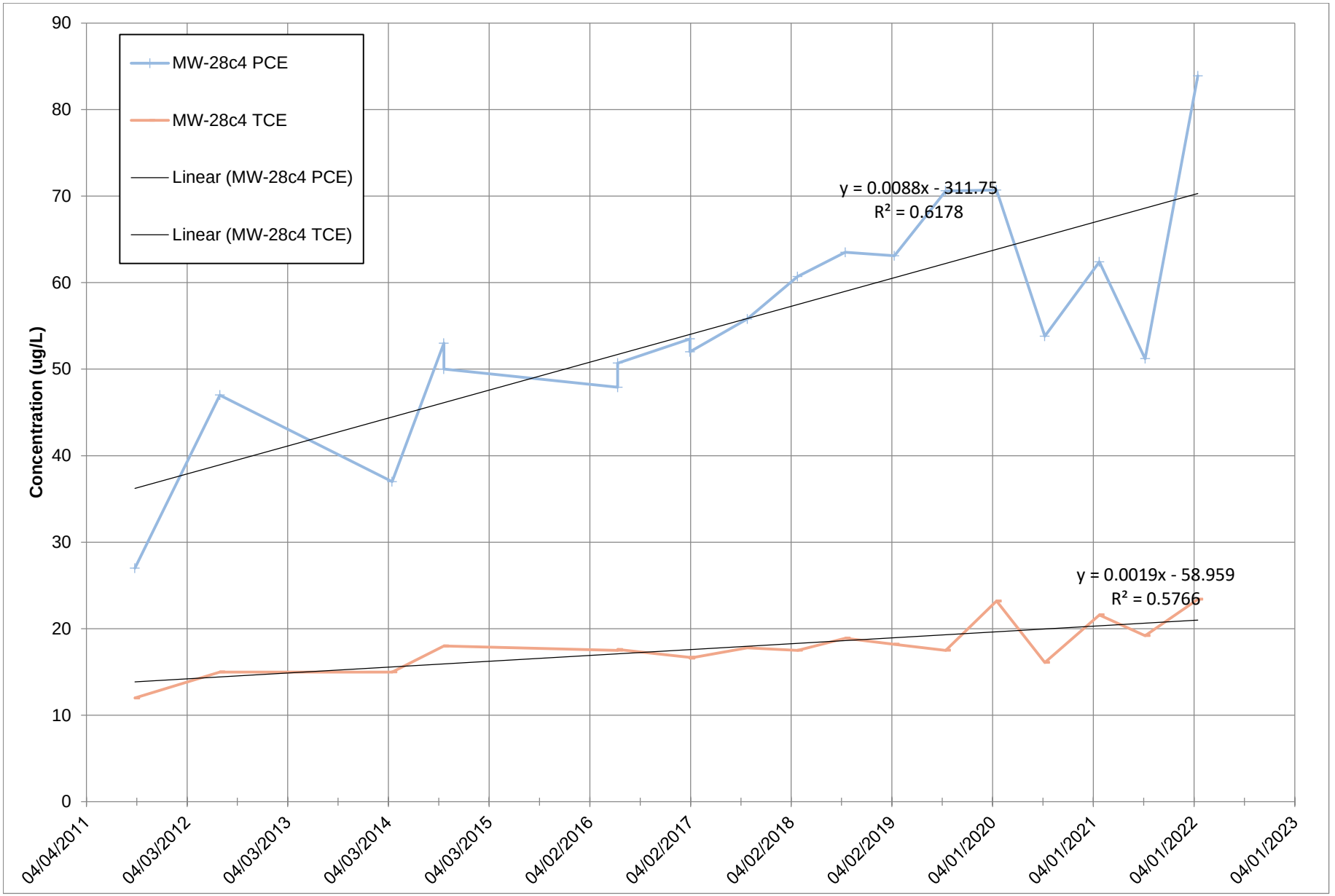

Figure MW-30c1/2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

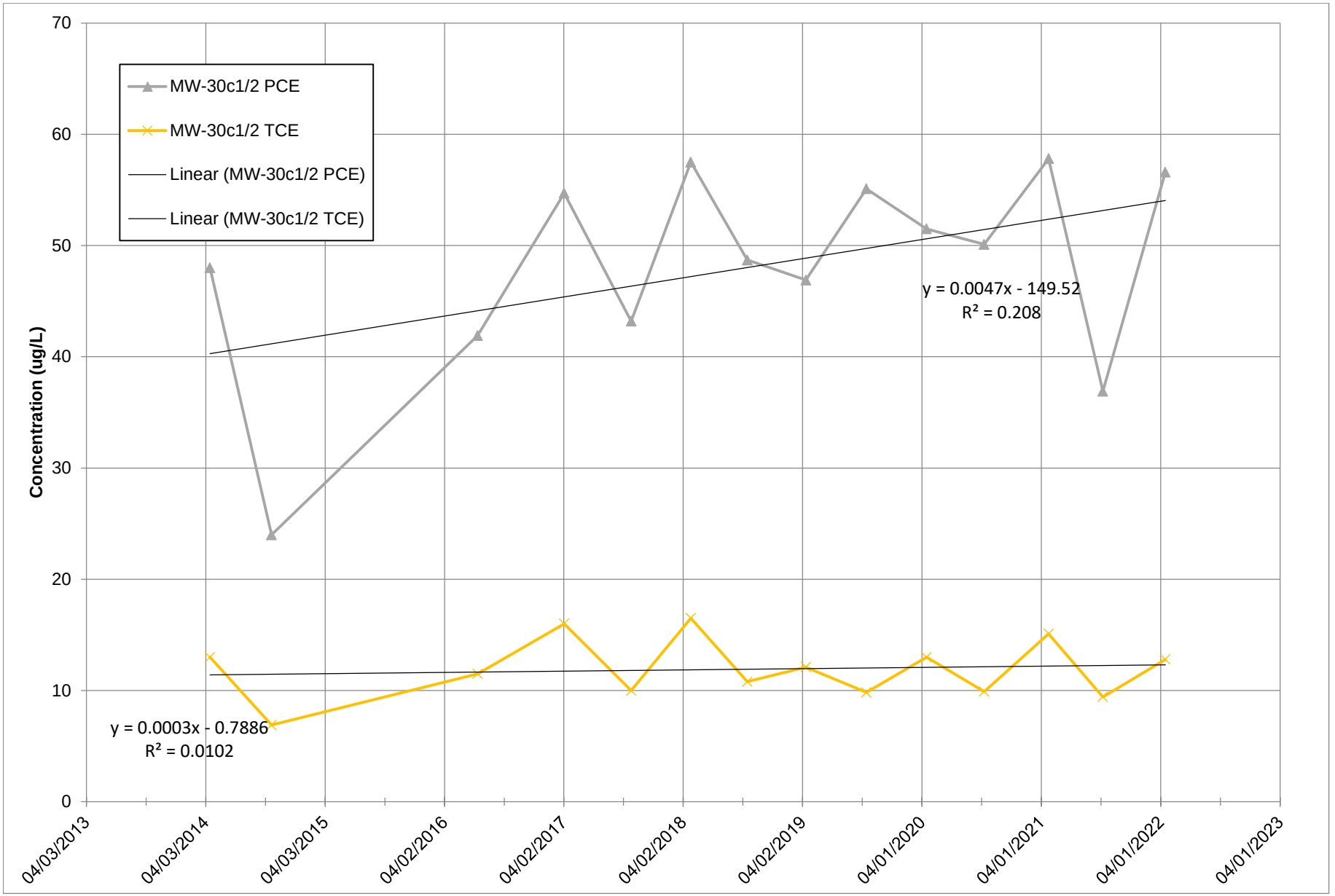

Figure MW-30c3/4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

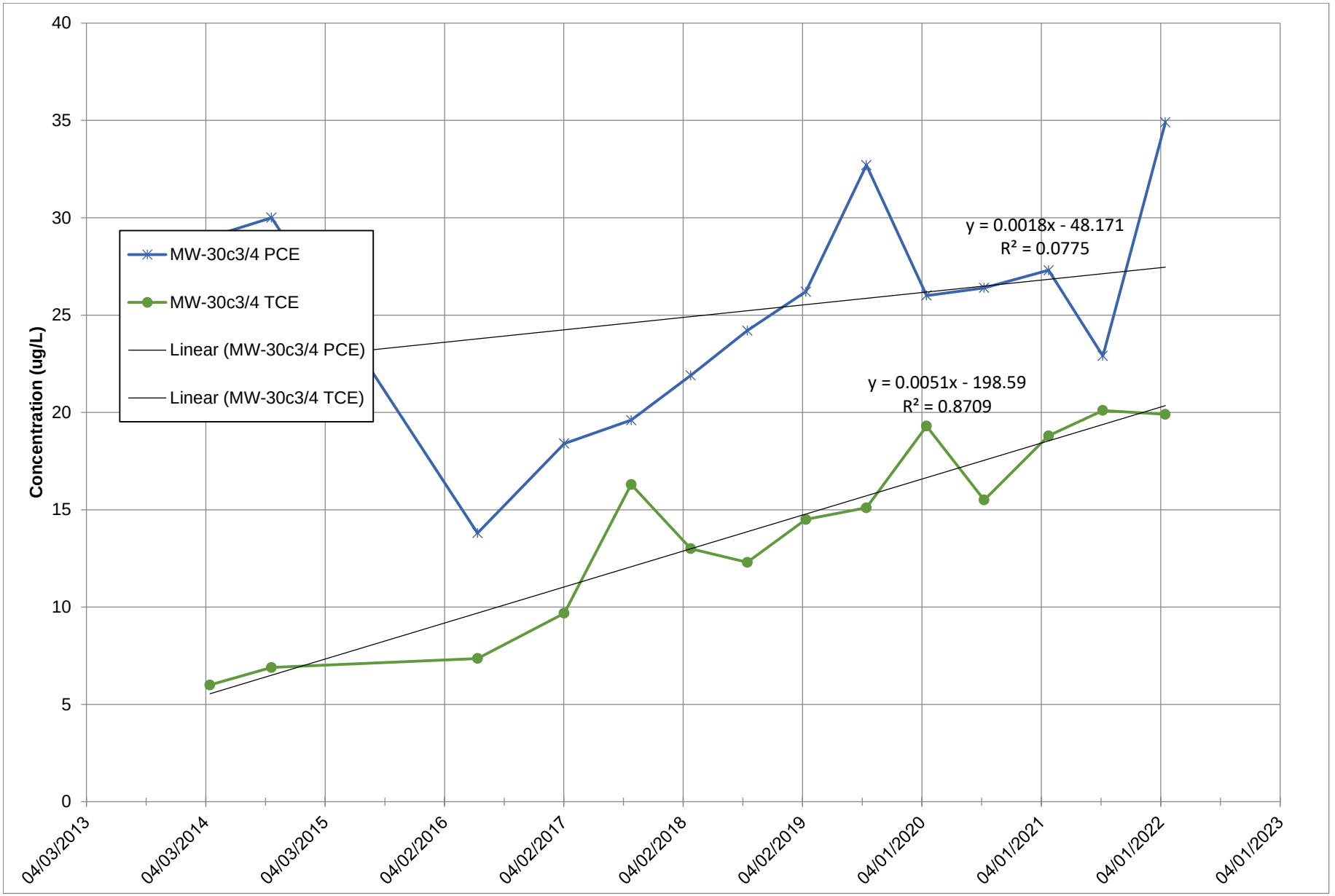

Figure MW-30c5/6 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

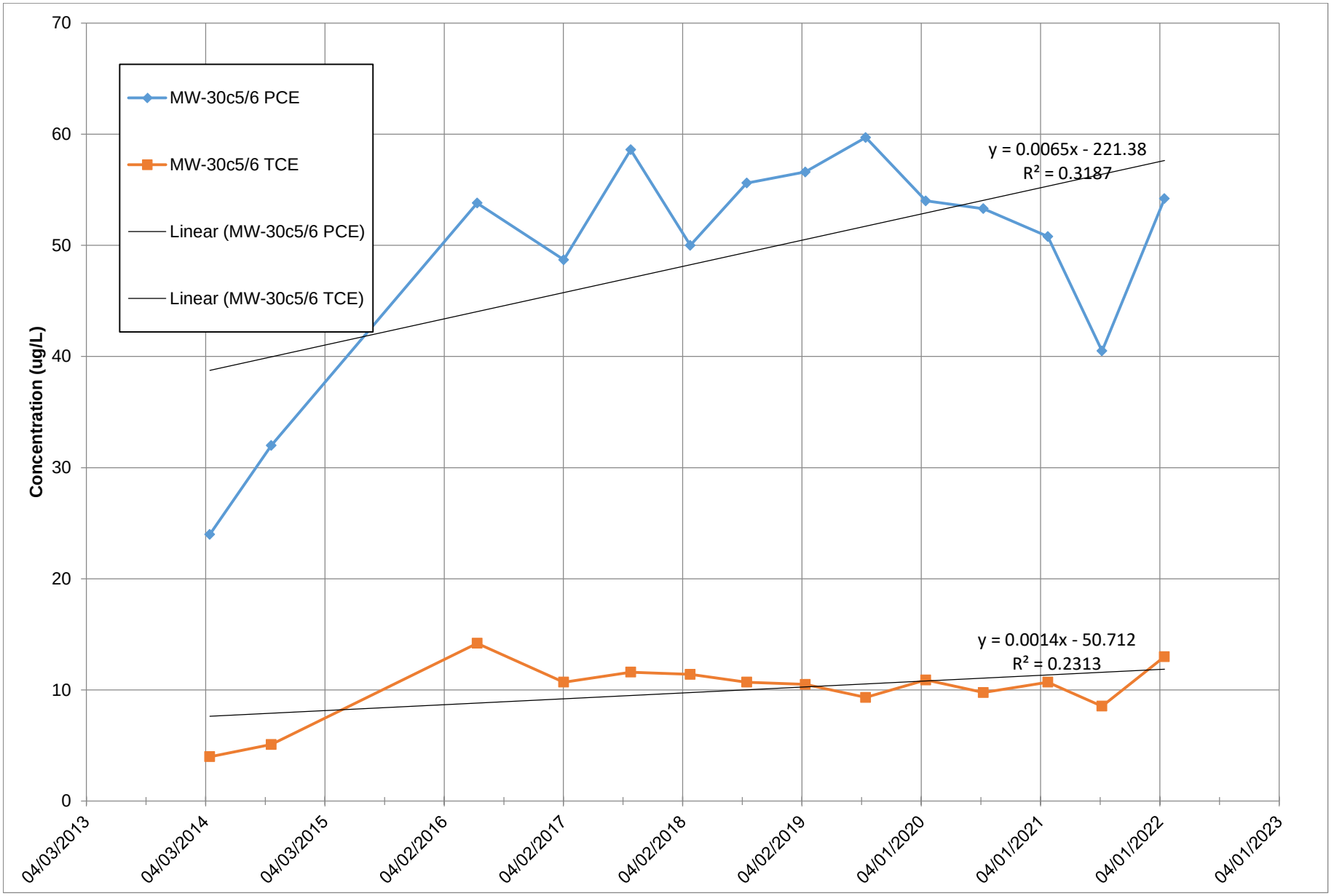

Figure MW-31c1/2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

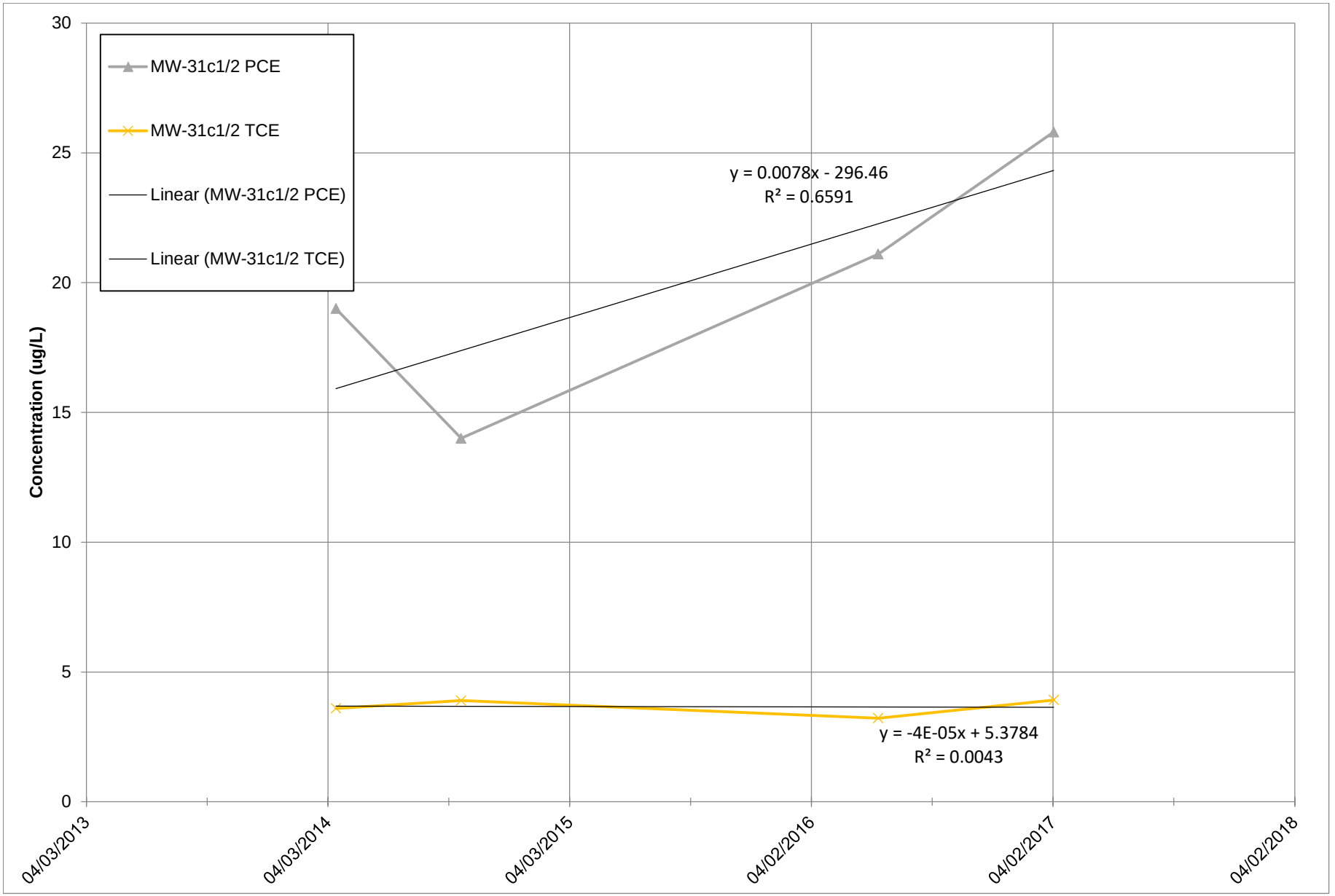

Figure MW-31c3/4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

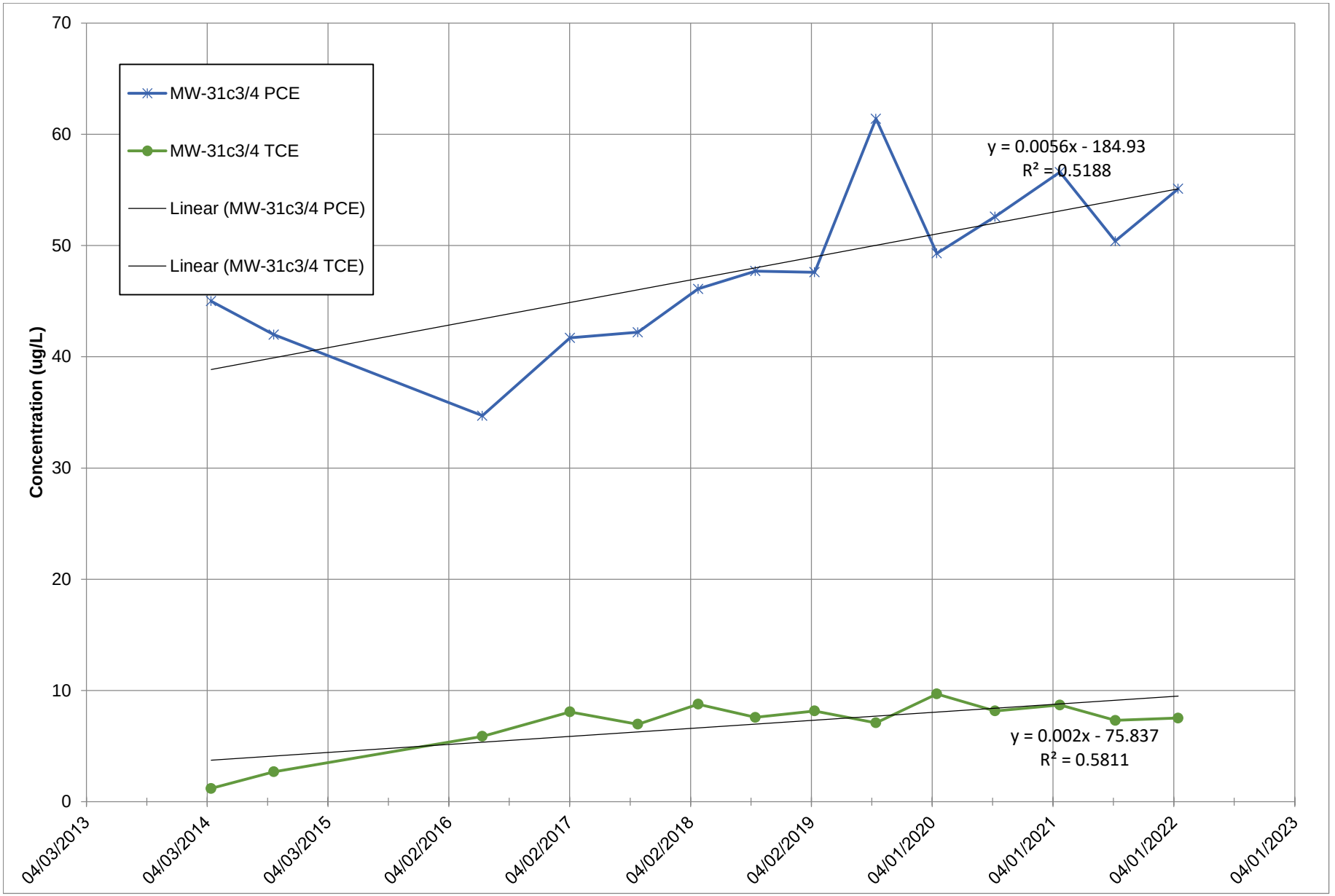

Figure MW-31c5/6 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

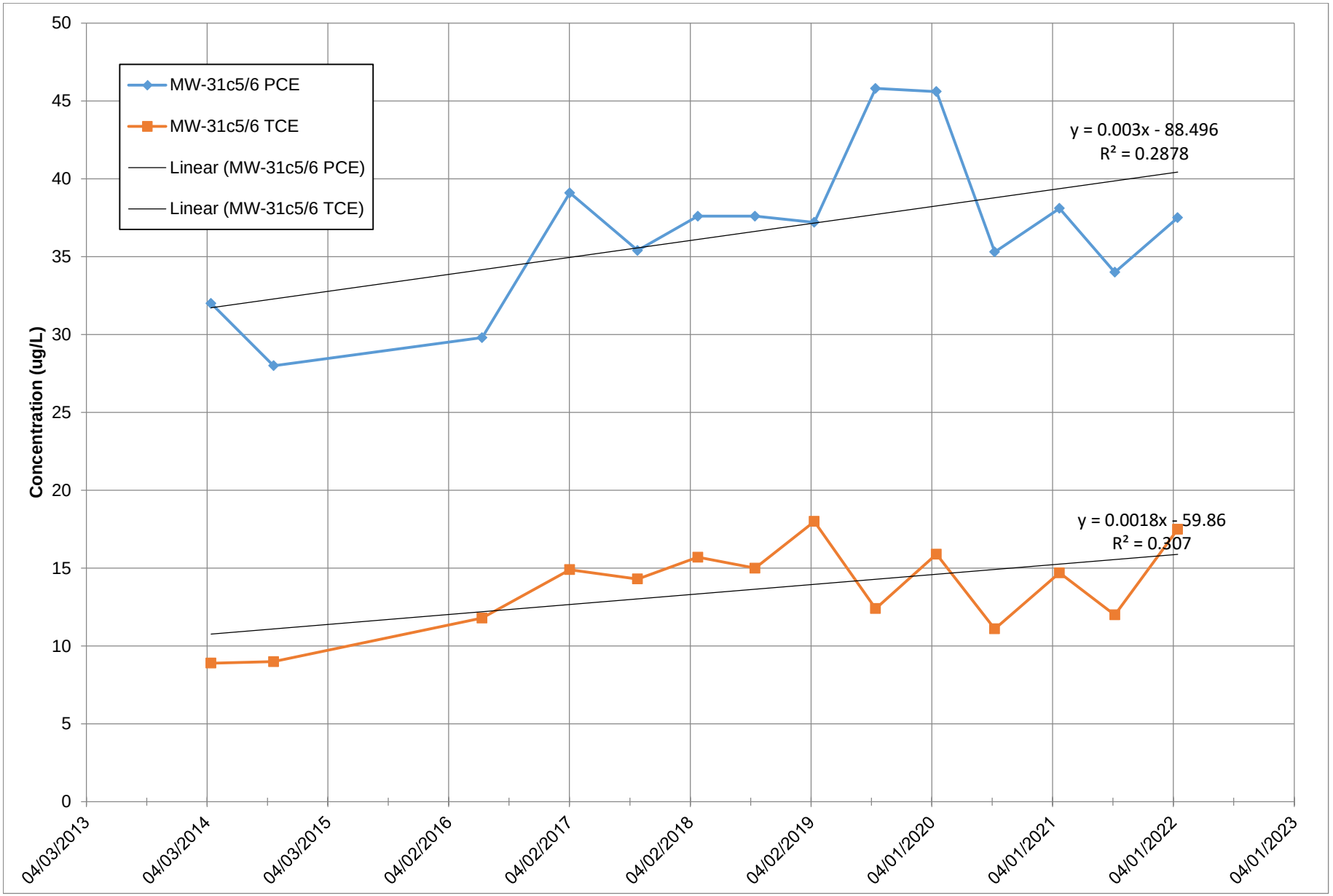

Figure MW-32c1/2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

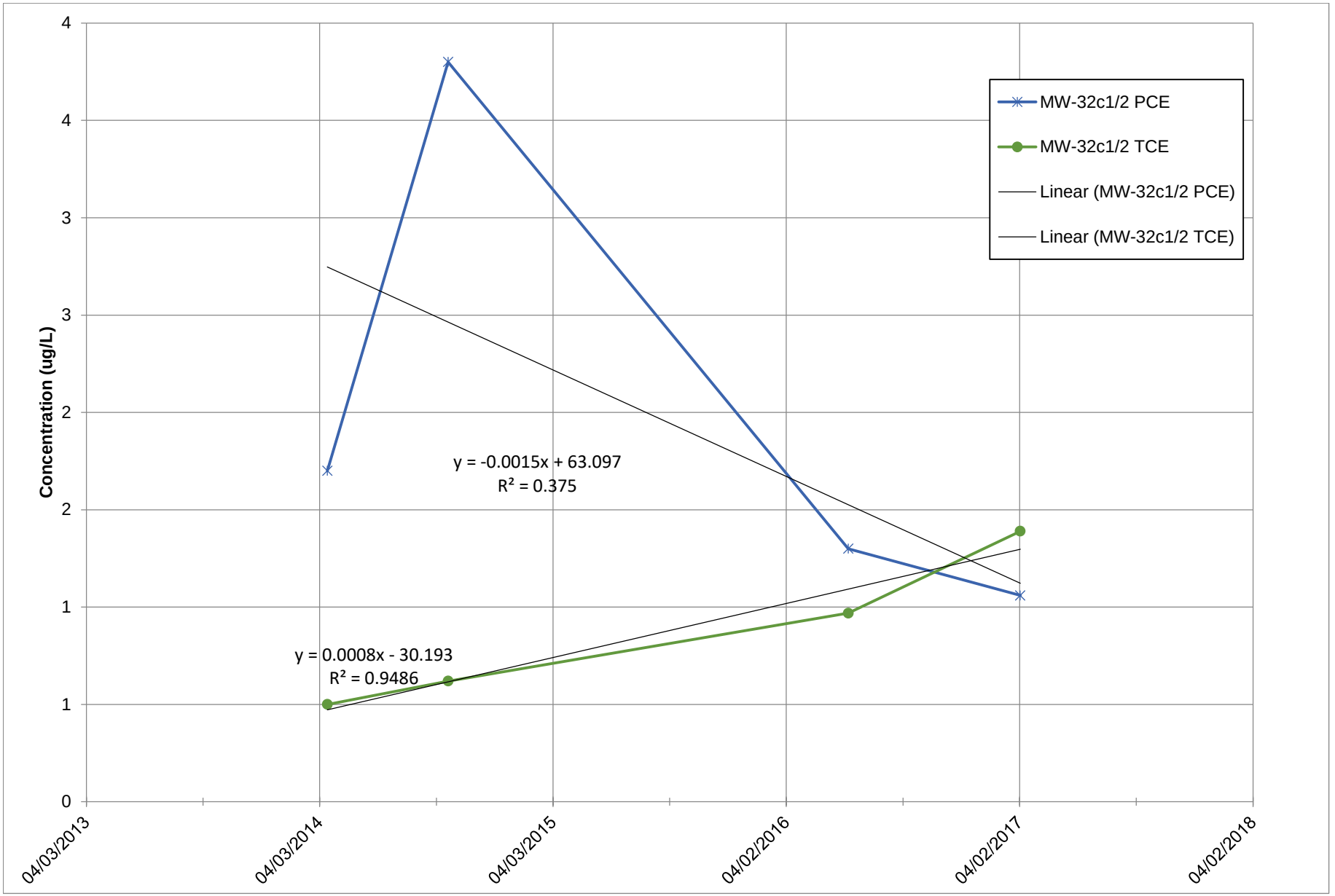

Figure MW-32c3/4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

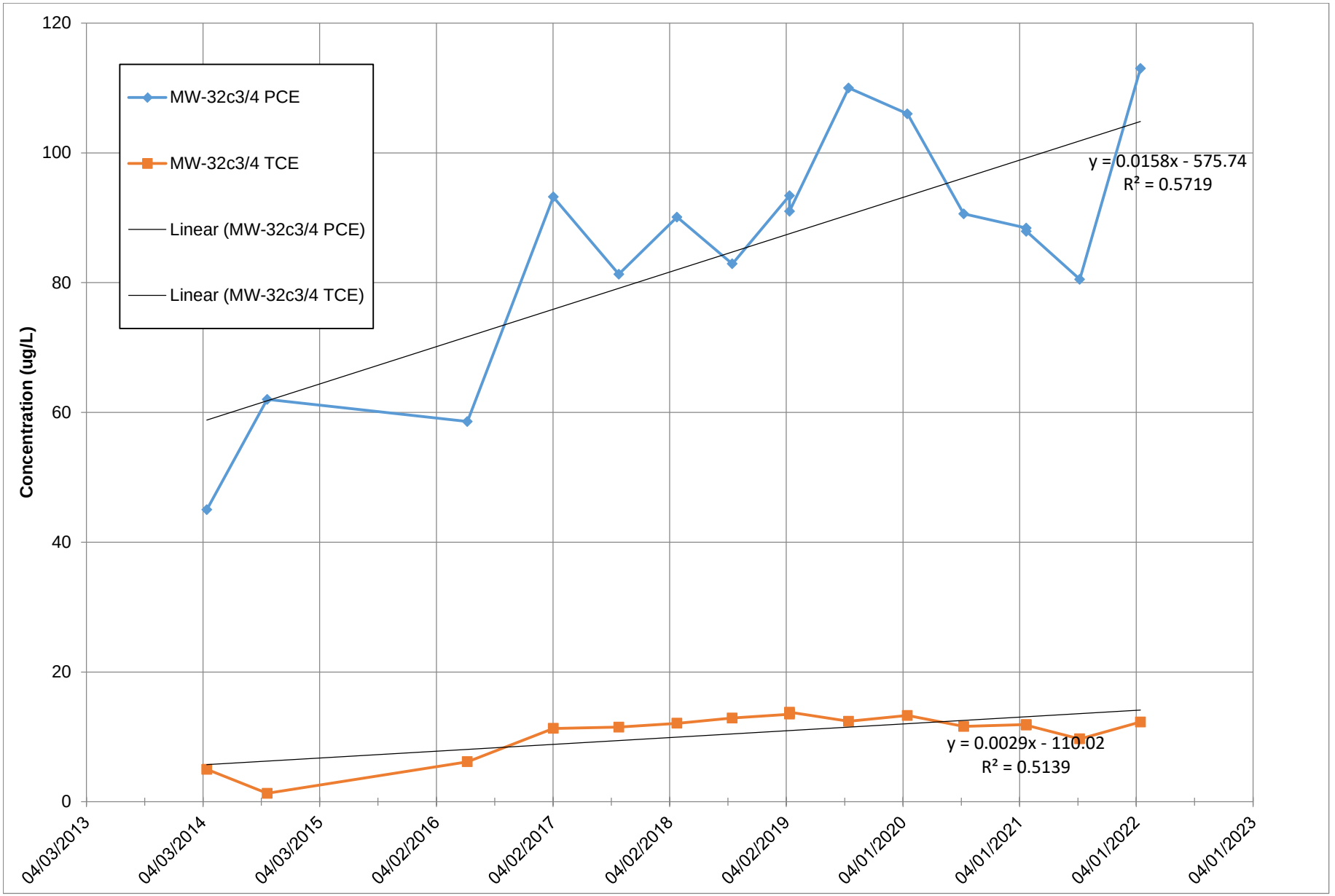

Figure MW-32c5/6 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

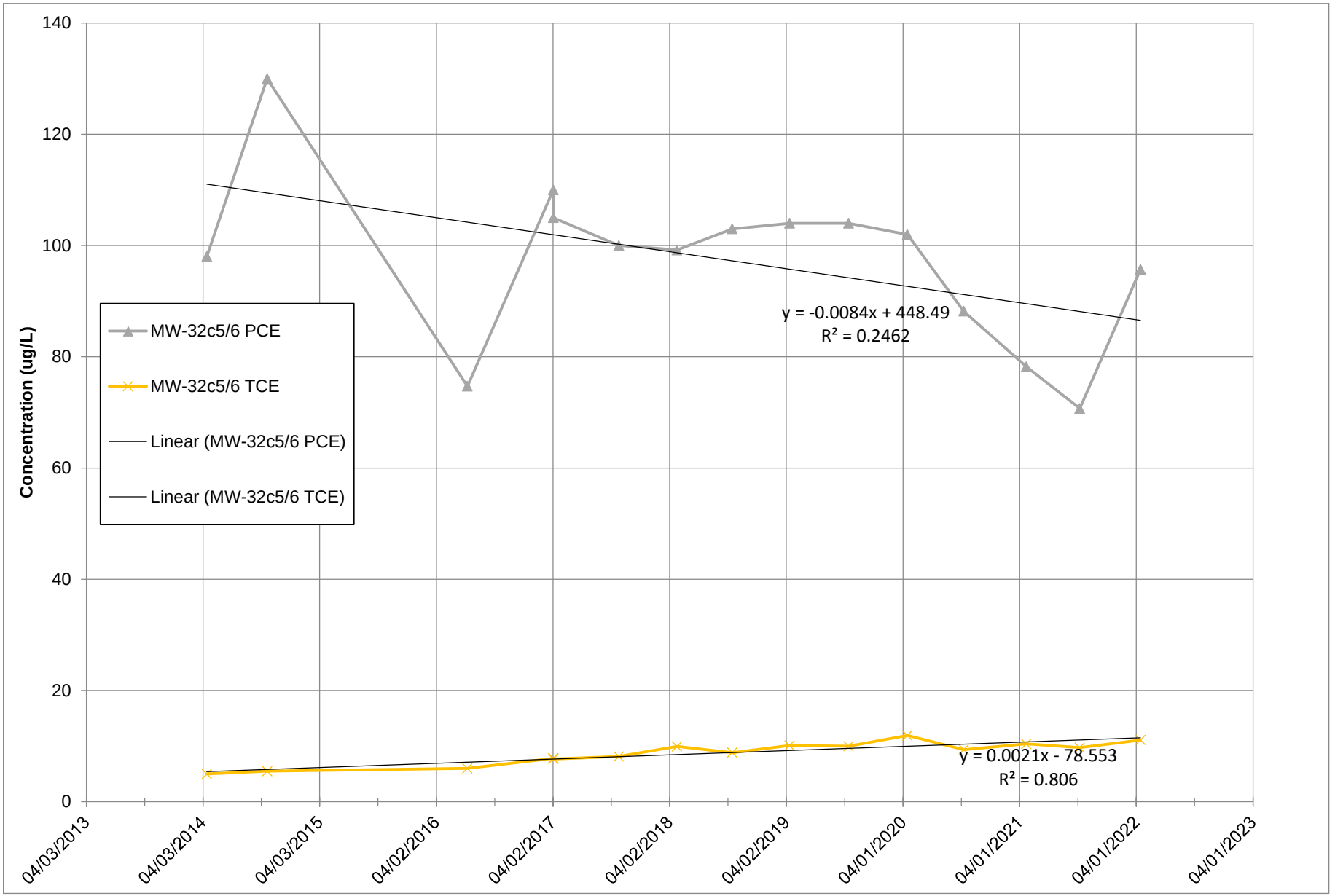

Figure MW-33c2 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

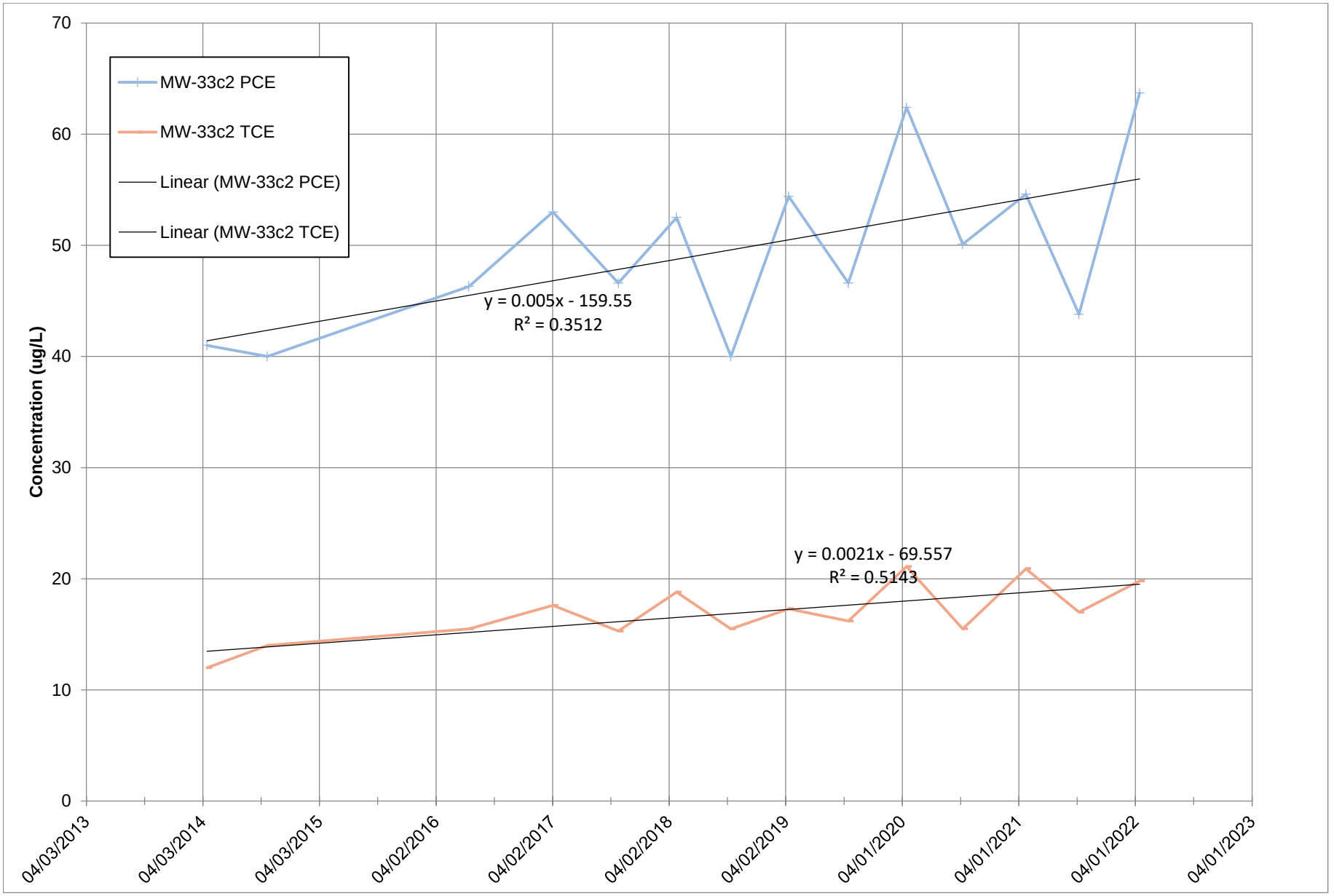

Figure MW-33c3 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

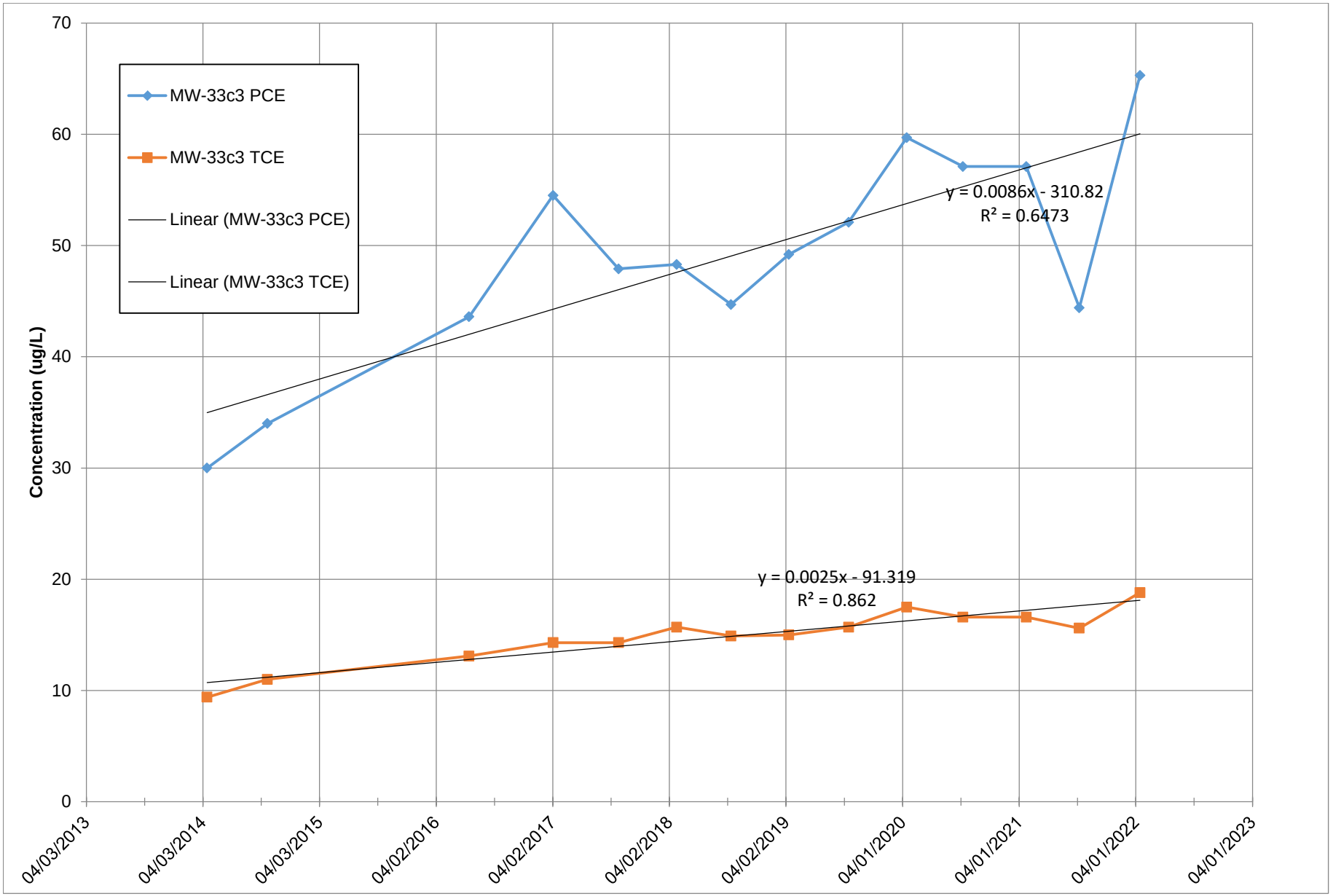

Figure MW-33c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

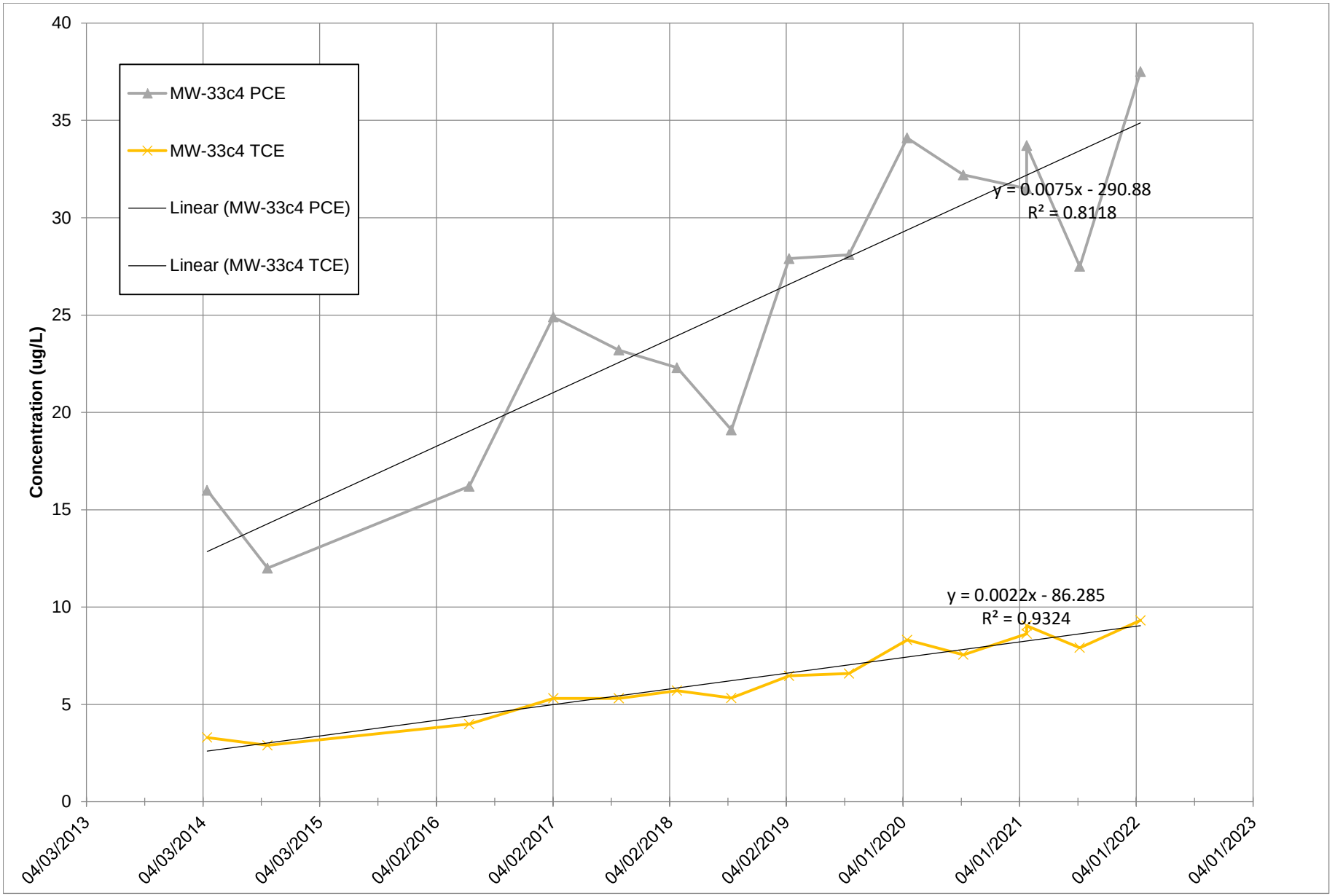

Figure MW-33c5 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner

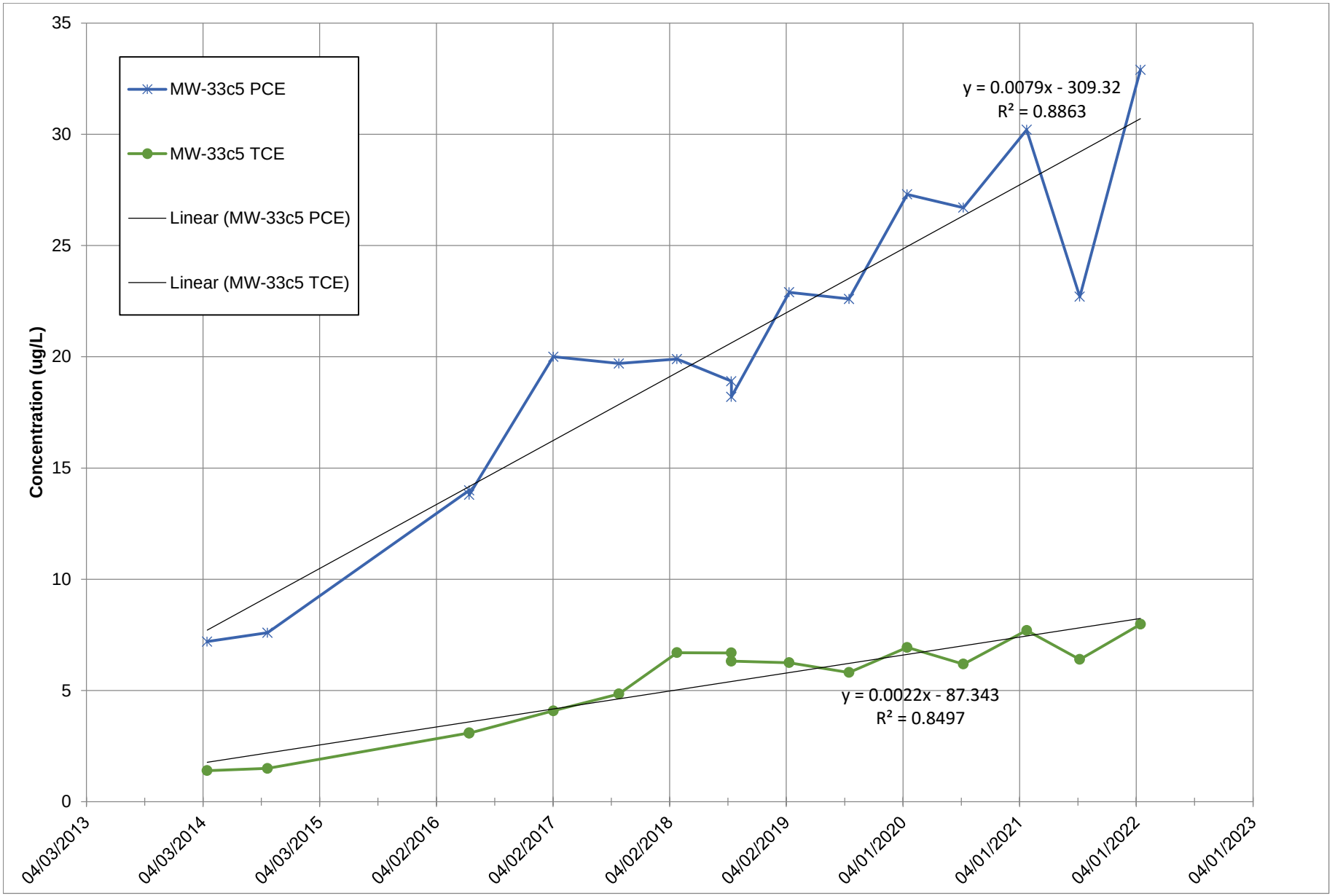

Figure MW-34c4 Intermediate
PCE and TCE in Groundwater
Former Springvilla Dry Cleaner