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6 July 2011

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Southwest Regional Office  
PO Box 47775  
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**DEPT OF ECOLOGY  
Toxics Cleanup Program**

Dear Mr. Maurer:

Regarding: **Site Investigation Report for the Short Stop 1 Site, 6317 California Avenue SW, Seattle, WA**  
**Facility ID No. 92888299; VCP Project No. NW1610**

This letter report is submitted to you for your review on behalf of Mr. Bud Pontius, one of the co-owners of the subject property. This latest environmental investigation has been performed under the Voluntary Cleanup Program. It was based on the work plan submitted to you, dated 5 January 2011 by Coles Environmental Consulting (CEC, 2011). This report documents the results from the February 2011 sampling of soils from seven push probes (one converted into monitoring well MW-6) and a full round of groundwater sampling performed 22-23 March 2011.

The purpose of the investigation was to fill several data gaps concerning: 1) subsurface conditions at the former gasoline tanks' pit; 2) the current status of vadose-soil contamination near the dry cleaner; and 3) the groundwater conditions off site in the downgradient direction from the dry cleaner. Investigating the former UST excavation pit fills a key data gap because of the lack of documentation for the 1991 UST decommissioning and subsequent cleanup effort.

Portions of the background information and the site setting provided in a previous report, dated 9 April 2008 (CEC, 2008), will be repeated herein for the reader's convenience. This earlier report described the results from the initial groundwater monitoring effort conducted for four quarters during 2007. Subsequent monitoring rounds were conducted in August 2008 and January 2009 and in March 2011, as mentioned above.

## **Background**

Contaminated soil from a UST decommissioning was remediated on site during mid April 1991 according to a Phase II report prepared by Stemen Environmental, Inc. (Stemen, 2002). Further, releases of dry-cleaning wastes also were noted during the Phase II investigation. Samples of soil and groundwater collected on 25 September 2001 as part of the Phase II investigation confirmed the release of gasoline and halogenated hydrocarbons. Direct-push probes were used for the sampling operation and groundwater grab samples were collected from the probes.

A subsequent investigation was initiated by Stemen Environmental, Inc. during March 2003 (Stemen, 2003a). Five monitoring wells were installed on 5-6 March 2003. The wells all had a depth of ap-

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proximately 32 feet below ground surface (bgs). After conducting the first groundwater monitoring round, the report stated that no gasoline or volatile organic compounds (VOCs) were detected in any of the five samples. However, the laboratory report attached to Stemen's report indicated that MW-3 contained 2.8 µg/l PCE. The boring logs included in the report indicated that the subsurface is dominated by fine to medium sands with traces of silt.

The second groundwater monitoring round was performed by Stemen on 23 July 2003. The letter report for this second round was dated 25 July 2003 (Stemen, 2003b). This report reversed the labels for MW-4 and MW-5, compared to the previous report. The well monuments are stamped in a manner consistent with the earlier report (i.e., MW-5 is the western-most well at the lowest topography of the five wells and MW-4 is the well near the east [front] door of the dry cleaner, in the parking lot). Reported PCE concentrations ranged from 1.7 µg/l (MW-1) to 74 µg/l (MW-2).

The third groundwater monitoring round was performed by Stemen on 7 December 2003. The letter report for this third round was dated 15 December 2003 (Stemen, 2003c). This report continued the reversed labels for MW-4 and MW-5, as noted above for the second monitoring round report. The stated PCE concentrations ranged from not-detected (MW-1) to 39 µg/l (MW-5).

No post Stemen environmental investigations are known to have been conducted at the site until the quarterly groundwater monitoring effort was restarted in February 2007 by CEC. Thus, the five monitoring wells were not sampled for over three years. This hiatus did allow the natural attenuation process an opportunity to reduce the concentrations of PCE in the groundwater. Subsequent sampling rounds were conducted by CEC in August 2008 and January 2009. A letter report prepared by CEC documented the results from the four quarterly groundwater monitoring rounds conducted in 2007 (CEC, 2008) and a brief summary report was prepared after the 2008 and 2009 rounds were completed (CEC, 2009).

## Site Setting

The subject site is located about 500 feet northwest of the intersection of California Avenue SW and Fauntleroy Way SW in West Seattle, Washington. Location details are as follows:

NW quarter of Section 26, Township 24 North, Range 3 East  
47° 32' 45.90" N; 122° 23' 15.16" W  
**5 46** 085.63 m East; **52 66** 032.90 m North.

Figure 1 is a recent aerial photograph of the subject site and the immediately surrounding area (dated 20 June 2010 from Google Earth). It shows the subject site with the approximate property boundary outlined in yellow. South of the southern boundary is SW Eddy Street, which is an undeveloped right-of-way. The topography of the site slopes in the direction of SW Eddy Street.

Figure 2 is a topographic map of the area surrounding the subject property. The elevation of the site is approximately 68 feet above mean sea level (amsl). CEC added a blue line to the map to highlight the approximate surface water drainage pattern. It begins at SW Eddy Street, south of the site, and continues to Puget Sound. The erosion feature controlling this drainage channel steepens just west of the site. The distance to the Sound is approximately 3,400 feet.

Because groundwater's surface (and flow) often mirrors the topography of an area (albeit subdued compared to the surface), it can be assumed, as a first approximation, that groundwater flow from the site follows the direction of SW Eddy Street and continues under the surface-water drainage channel.



Figure 3 is a site diagram showing key site features. The building has two tenants operating two businesses. The dry cleaner occupies the southern end of the building. A grocery and deli business occupies the northern end of the building. Parking is located on the east site, between the building and California Avenue SW. Parking also is present on the south end of the building. A gated fence secures the rear (west side) of the building. The north side is paved and not accessible to traffic from the alley. The vegetated portion of the property is raised well above the alley to the west and SW Eddy Street to the southwest. SW Eddy does not extend far to the southwest. It also is basically an alley.

The geology of the site was reviewed, based on a recent geologic map by Troost, et al. (2005). The map indicates that a contact between two upper Pleistocene glacial deposits is located approximately under the center of the site. This contact is shown generally following the strike of the drainage channel discussed above. The northern deposit is defined as Vashon till (Qvt) that consists of poorly sorted sediments (a wide range of particle sizes from silt to sand to cobbles), which are generally dense but with sand lenses present (subglacial melt-out till) that are less dense. The southern deposit is defined as Advance Outwash Deposits (Qva) and consists of “well-sorted sand and gravel deposited by streams issuing from advancing ice sheet”. It is further defined as “predominantly medium grained sand...”.

Based on the boring logs of Stemen (2003a) and the six attached boring logs from this investigation, the geology of the site is mostly medium sands to the total depth of 32 feet bgs. It appears to be more closely aligned with the Advance Outwash Deposits rather than the Vashon till. Contacts between geologic units on maps of such a large scale as Troost, et al. (2005) are approximate, at best, for the scale of the subject site. Therefore, CEC concludes that the geology of the subsurface is primarily medium, unconsolidated sand, consistent with Stemen’s logs and CEC’s logs.

The medium, well-sorted sands under the subject site probably have relatively high hydraulic conductivity and therefore, a relatively high potential for groundwater and contaminant migration. It seems reasonable to assume that halogenated hydrocarbons (in this case, PCE and its degradation products) and gasoline will be subject to natural attenuation under these conditions (mainly through migration and dilution).

### **February 2011 Push Probe Soil Sampling Event**

Field Activities. Based on the 5 January 2011 work plan (CEC, 2011), seven push-probe holes were installed at the site on 21-22 February 2011 by Pacific Soil & Water, Inc. under the direction of CEC. Figure 3 shows the locations of the seven probes, as well as the existing five monitoring wells. Photograph 1 shows the push probe installing probe PP-1. CEC logged all seven holes. The resulting boring logs are attached herein. One of the probes was converted to an offsite monitoring well (MW-6) located in SW Eddy Street. The City of Seattle provided a permit for this installation. Soil samples were collected from the recovered boring cores and submitted to Apex Laboratories, Tigard, Oregon for analysis. Samples being submitted for volatile organic compounds (VOCs) analysis by EPA Method 8260B were collected using the soil sampling protocol EPA Method 5035A, as described by Ecology (2004).

Push probes PP-1 and PP-2 were placed in the former UST excavation and cleanup pit and aligned approximately along the direction of groundwater flow. The purpose of these two probes was to determine whether residual gasoline contamination was present in the soils at the bottom of the former pit. It is noteworthy that no gasoline constituents have been detected in any of the groundwater samples collected from the five monitoring wells since they were installed in 2003.



The boring log for PP-1 indicates that fill is present to a depth of approximately 12.5 feet bgs. This is assumed to be the bottom of the tank excavation and cleanup pit. Gray, native silty sand with the strong odor of gasoline was present from 12.5 feet bgs to the total depth of 15 feet bgs (see Photograph 2). The photoionization detector (HNU) also indicated the presence of VOCs. Soil samples were collected at the soil/groundwater interface (10.5-11.5 feet bgs) and from the gray, native soil (13-14 feet bgs). The present interpretation of these field observations is that some petroleum contaminated soil (PCS) was left at the bottom of the pit during the UST removal and cleanup effort. Similar observations were made for boring PP-2, which was located at the downgradient end of the old excavation pit. Photograph 3 shows stained native soil with fluvial structure in the core at a depth of approximately 13-15 feet bgs.

Probe PP-3 was placed in the pavement near the front door of the dry cleaners. This location had deteriorated asphalt pavement, which could allow surface contamination to migrate into the subsurface. Four soil samples were collected from this boring to determine whether contamination had migrated from the surface to the groundwater near the dry cleaner building. A shallow sample was collected under the asphalt and base rock (1.5-2 feet bgs). This material had a petroleum odor. Another sample was collected from vadose sand at a depth of 8.5-9 feet bgs as well as one at the soil/groundwater interface (15-16 feet bgs). Finally, a sample of sand was collected at total depth (19-20 feet bgs). The soil/groundwater interface sample had a strong gasoline odor, an obvious sheen, and a significant response from the HNU (see Photograph 4).

Probe PP-4 was located outside the rear door of the dry cleaner. This probe, along with probe PP-5, was placed behind the dry cleaner to help determine whether surface spills of PCE-related materials might have occurred in this area and migrated into the vadose soils. The boring log for this probe indicates that a shallow soil sample was collected from under the asphalt and woody fill (0.5-1.5 feet bgs) and another at the soil/groundwater interface (14-15 feet bgs). No field evidence was noted for contamination in the recovered core from this probe. Field observations for probe PP-5 were similar to those for PP-4. Soil samples were collected at 3-5 feet bgs and 12-13 feet bgs from probe PP-5.

Probe PP-6 was placed near MW-3, downgradient from the dry cleaner's operation. The purpose of this probe was to evaluate possible vadose contamination in the vicinity of MW-3. This probe was advanced to a total depth of 20 feet bgs. Upper vadose samples were collected at 6-7 feet bgs and 12-13 feet bgs. Finally, a sample just below the soil/water interface was collected from gray sand with a strong gasoline odor (19-20 feet bgs). Photograph 5 shows the lower core with the section of stained sand marked with arrows. Unstained soil was observed above and below the stained section.

The probe for monitoring well MW-6 was placed in the right-of-way of SW Eddy Street, well downgradient of the dry cleaner (see Photograph 6). The purpose of this boring was to determine whether significant off-site migration of either gasoline or PCS had occurred. The boring was converted into a 20-foot deep monitoring well. Due to construction problems with the well installation, a smaller diameter well (¾") was installed at this location instead of the standard 2" diameter well. No field evidence for contamination was noted in the recovered core. A soil sample was collected at the soil/groundwater interface (15.5-16.5 feet bgs). The well was placed about 10 feet north of the City's sanitary sewer line, per their access permit.

Geophysical Survey Results. As part of the private utility locate effort, Mountain View Locating conducted a ground-penetrating radar (GPR) survey of the site. Six unknown anomalies were observed around the building. Figure 3 shows the locations of these anomalies. Without excavating these six areas, the sources for the anomalies presently are unknown.



Soil Analysis Results. Table 1 provides the analysis results for the 16 soil samples collected during the February 2011 push probe investigation. The laboratory report for this sampling event is provided herein in electronic format (.pdf) on the attached CD. The samples analyzed for gasoline were by Method NWTPH-Gx. All of the samples collected were analyzed for the full list of VOCs by Method 8260B. The table lists all of the analytes that were detected. For each sample, the concentrations of detected analytes are highlighted in red. If any concentrations exceed the corresponding MTCA Method A Soil Cleanup Levels for Unrestricted Land Use, they are underlined. Only nine of the detected analytes have Cleanup Levels provided in Chapter 173-340 WAC, Table 740-1.

Sample PP-1 (10.5-11.5 feet bgs) was collected from the material used to backfill the 1991 UST excavation at the soil/groundwater interface. Four common aromatic gasoline constituents were detected in the sample at low concentrations. These constituents are comparatively stable under subsurface conditions and are typically present in weathered gasoline plumes. The lighter, mobile constituents such as benzene and toluene were not present in this sample above their respective Method Reporting Limits (MRLs). This supports the premise that the gasoline has been present underground for an extended period. However, a relatively high concentration of tetrachloroethene (PCE) was found in this sample (575  $\mu\text{g/kg}$  compared to the Method A Level of 50  $\mu\text{g/kg}$ ). Interestingly, this sample is located upgradient of the PCE source (the dry cleaner) and present in the UST fill material. The working hypothesis is that some fill material may have originated in the excavation wall near the dry cleaner (see Figure 3, which shows the outline of the excavation pit) and was moved to this location during the filling operation.

Sample PP-1 (13-14 feet bgs) was collected from native soil under the fill. It was gray and had the odor of gasoline. Gasoline was detected above the MTCA Method A Level of 100 mg/kg (158 mg/kg) and six other gasoline constituents also were detected, including toluene. However, no benzene was detected which supports the contention that the gasoline is old.

Sample PP-2 (13-14 feet bgs) was collected from sandy soil with field evidence observed for gasoline contamination. It was downgradient from PP-1 and at the approximate same depth as sample PP-1 (13-14 feet bgs). The sample contained 1,340 mg/kg gasoline and higher concentrations of gasoline constituents n-butylbenzene and sec-butylbenzene. Two other gasoline constituents also were detected but at lower concentrations. Consistent with the PP-1 sample, no benzene was detected again indicating that the gasoline had lost its original content of the higher volatile and higher soluble constituents. PCE also was detected at a concentration of 499  $\mu\text{g/kg}$ . Similar to PP-1, it is assumed that fill material which originated from the excavation pit closer to MW-4 (and the dry cleaner) accounts for this upgradient PCE. Because the 1991 excavation was focused on gasoline contamination at depth, some shallow soil contaminated with PCE probably was used as part of the back fill after the gasoline contamination was mostly removed.

The sample collected directly under PP-2 (13-14 feet bgs) was sample PP-2 (14-15 feet bgs). Only one gasoline constituent was found at the low concentration of 93.9  $\mu\text{g/kg}$ . PCE was the only other analyte detected at 35.1  $\mu\text{g/kg}$ . These data indicate that the concentrations of both gasoline and PCE decreased rapidly with depth. Coupled with the PP-1 samples, it can be inferred that contamination is present in a thin horizon about 13-14 feet bgs within the area of the former UST excavation pit.

As previously mentioned, boring PP-3 was placed in front of the dry cleaner's front door, near a low area with deteriorated asphalt. The shallow sample (1.5-2 feet bgs) was collected under the pavement to determine whether any contamination could have impacted this area through surface spills. This patch of deteriorated asphalt may have been caused by either PCE or gasoline spills that collected at this location. Table 1 shows it contained the highest concentration of PCE at 18,300  $\mu\text{g/kg}$  (as well as its degradation products TCE and the cis- and trans- isomers of 1,2-dichloroethene). No vinyl chloride has been de-



tected in any soil or groundwater samples collected by CEC since its 2007 involvement in this project. Interestingly, benzene was detected in this shallow sample but in none of the other samples. This is interpreted as a surface spill that probably originated from a vehicle parked at this location.

For the next deeper sample from probe PP-3 (8.5-9 feet bgs), much reduced concentrations of PCE and TCE were detected. This indicated that the vertical migration from the surface source was limited. No gasoline constituents were detected in this sample. The soil/groundwater interface sample PP-3 (15-16 feet bgs) showed the highest concentrations of gasoline and its constituents but no PCE, although the MRLs for the chlorinated compounds were high due to interference from the high gasoline concentrations. Finally, the deepest sample PP-3 (19-20 feet bgs) had no contaminants detected.

The four samples collected from PP-3 indicate the presence of surface contamination of PCE and its related chlorinated degradation compounds and a small amount of benzene. Vertical migration of the surface source did not appear to extend to the groundwater. However, horizontal, downgradient migration of gasoline from the UST pit has reached this location, following the surface of the groundwater (with some presumed smear on the soils due to seasonal fluctuations of the groundwater elevation).

The four samples collected from PP-4 and PP-5, outside the rear of the dry cleaner facility, detected various concentrations of PCE and TCE. The shallow sample from PP-4 (0.5-1.5 feet bgs) detected the second highest concentration of PCE observed in all of the samples at 4,440  $\mu\text{g/kg}$ , even though the sample location was covered with asphalt (albeit old, poor quality pavement). The deeper sample PP-4 (12-13 feet bgs) contained 558  $\mu\text{g/kg}$ . While a significant decrease with depth, this sample indicated that vertical migration from the surface has reached the groundwater at this location because this sample was collected at the soil/groundwater interface. It also supports the assertion that some spillage of PCE-containing materials has occurred behind the dry cleaner. Both samples from PP-4 also detected TCE although it was present at concentrations barely above the MRLs. No gasoline constituents were detected in either sample.

The two samples from PP-5 also detected PCE but not TCE. Interestingly, the deeper soil/groundwater interface sample PP-5 (12-13 feet bgs) had a higher PCE concentration (482  $\mu\text{g/kg}$ ) than the shallow sample (150  $\mu\text{g/kg}$ ). Because the concentration in the soil/interface samples from both PP-4 and PP-5 have similar concentrations, this may indicate that they represent contamination from an upgradient source (e.g., under the dry cleaner facility) rather than a surface source at either PP-3 or PP-2. Again, without additional vadose samples from both probes, this thesis is speculative.

The three samples collected from the PP-6 core, downgradient of the dry cleaner, all detected PCE but no TCE. The deep sample PP-6 (17-18 feet bgs) was from the soil/groundwater interface and had the highest concentration of PCE from this probe (2,940  $\mu\text{g/kg}$ ). This also was the third highest PCE concentration observed from all of the soil samples collected during this investigation. The two vadose samples collected from 6-7 feet bgs and 12-13 feet bgs also detected PCE but at lower levels (300  $\mu\text{g/kg}$  and 274  $\mu\text{g/kg}$ , respectively). Additionally, the soil/groundwater interface sample had the second highest gasoline concentration and some of the highest gasoline constituent levels observed at the site (e.g., the combined meta and para xylene isomers were present at a concentration of 182,000  $\mu\text{g/kg}$ , which is the highest VOC concentration observed in any of the investigation's soil samples). Results from this probe located downgradient from both the dry cleaner and the former UST pit indicate that contaminant migration has occurred in the groundwater under this site.

The soil/water interface sample collected from the MW-6 probe, located farther downgradient in the SW Eddy Street right-of-way, was collected at a depth of 15.5-16.5 feet bgs. Both PCE and TCE were



detected at concentrations of 381  $\mu\text{g/kg}$  and 40.0  $\mu\text{g/kg}$ , respectively. Also, two gasoline constituents were detected at the low concentrations of 74.9  $\mu\text{g/kg}$  (combined meta and para xylene isomers) and 100  $\mu\text{g/kg}$  (1,2,4-trimethylbenzene). While the results from the analysis of these soil samples confirms that off-site migration of both chlorinated compounds and gasoline constituents has occurred, the concentrations are modest and are present well below depths that could result in either human or ecological exposures.

Figure 4 provides data flags with the soil analysis results for gasoline (NWTPH-Gx) shown for the deeper samples (12-18 feet bgs). The deeper samples reflect past migration of gasoline contamination downgradient from the UST area. Tables 2A, 2B, and 2C show that the groundwater level varies from approximately 11 feet bgs to 14 feet bgs, depending on the season and the well location. Samples from this depth interval were chosen for display because it has been assumed that the gasoline contamination contacted the groundwater at the bottom of the UST pit and then migrated laterally downgradient on the surface of the water. Thus, these samples approximately represent the concentration of residual contamination at the soil/groundwater interface and associated smear zone.

The approximate plume outline shown in Figure 4 is based only on the results for analysis of soil samples collected from the seven February 2011 probes. The darker colored plume shows concentrations exceeding 4,000 mg/kg gasoline. The lighter colored plume shows concentrations exceeding 100 mg/kg gasoline which is the MTCA Method A Soil Cleanup Level. While the PP-5 samples weren't analyzed for gasoline by Method NWTPH-Gx, they were analyzed for VOCs by Method 8260B. No gasoline-related VOCs were detected indicating it is unlikely that gasoline is present at this location.

These soil analysis results for gasoline need to be interpreted in conjunction with the groundwater analysis data (discussed below) in order to develop a conceptual site model for the fate and transport of the gasoline contamination. First, the VOC results for the soil data indicate that the gasoline likely is highly weathered (old) because the more volatile and soluble constituents (e.g., benzene and toluene) are mostly gone. No benzene was detected in any sample except for a sample from PP-3 taken directly under the asphalt. As previously noted, this is interpreted as a recent parking lot spill from an automobile and not related to the UST. The only sample with toluene detected was from the downgradient probe PP-6 (17-18 feet bgs). Additionally, only low levels of xylene isomers and 1,2,4 trimethylbenzene were detected in the MW-6 soil sample. Second, no gasoline constituents have been detected in the groundwater samples collected by CEC for the February 2007 and March 2011 sampling. From these results, the conceptual site model for gasoline is that the plume shown in Figure 4 is mostly stable and confined primarily to the soil. No significant migration of gasoline constituents has been observed. Because of the depth of this stabilized plume, vapor intrusion and direct contact are very unlikely exposure pathways.

### **Groundwater Monitoring 2007-2011**

CEC initially conducted four quarters of groundwater monitoring at the site during 2007. This was intended to be a restart of the original groundwater investigation implemented by Stemen Environmental, Inc. that had ended in December 2003. The existing five wells installed by Stemen were utilized for this effort. For the first monitoring event, the five samples were analyzed for the full suite of VOCs by EPA Method 8260B. The purpose was to confirm whether any gasoline contaminants were present in addition to PCE (and related degradation products, as reported by Stemen, 2002, 2003a, 2003b, and 2003c). With no gasoline constituents detected in this first monitoring round, samples from subsequent rounds were analyzed only for chlorinated compounds. Because some samples from the later 2004 quarterly rounds detected PCE at concentrations just above the MTCA Method A Cleanup Level for Groundwater (5  $\mu\text{g/l}$ ), as provided in Chapter 173-340 WAC, Table 720-1, two additional rounds were conducted in 2008 and

2009. Finally, with the addition of MW-6, a new round of quarterly sampling was begun in March 2011. While the results from these earlier rounds have been provided in previous reports, this section will summarize the data from all of seven monitoring rounds.

The dates for CEC's groundwater monitoring events were:

19 February 2007  
 21 May 2007  
 20 August 2007  
 20 November 2007  
 25 August 2008  
 15 January 2009  
 23 March 2011.

For each of the seven monitoring events, the wells were opened and allowed to equilibrate with atmospheric conditions for at least 30 minutes prior to measuring groundwater levels. After the groundwater-level measurements were collected, the wells were purged, in turn, of at least three well volumes. Field parameters were measured between each well volume to be assured that after purging, the three measurements all agreed within a variation of 10 percent.

Field measurements included pH, conductivity, and temperature. After purging, samples were collected in VOA vials, placed in an ice chest, and delivered to Apex Laboratories, Beaverton, OR for analysis under proper chain-of-custody forms. Once the samples had been collected, dissolved oxygen (DO) was measured with a down-hole probe and the redox condition (Eh) was measured with a Pt electrode on a sample brought to the surface. All purge waters were stored on site in drums for later disposal.

The attached Tables 2A, 2B, and 2C provide the field parameter measurements for each well for each monitoring event. Field parameters from those tables ranged as follows:

Summary of Field Parameter Variation (mean  $\pm$  1 $\sigma$ , expressed as % of the mean)

| parameter           | MW-1               | MW-2               | MW-3               | MW-4               | MW-5               | MW-6*  |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------|
| gw elev. (ft)       | 221.49 $\pm$ 0.15% | 219.39 $\pm$ 0.15% | 216.95 $\pm$ 0.15% | 219.48 $\pm$ 0.28% | 217.38 $\pm$ 0.18% | 212.88 |
| pH**                | 6.81 $\pm$ 2.1%    | 7.19 $\pm$ 2.4%    | 7.05 $\pm$ 1.4%    | 6.98 $\pm$ 2.8%    | 6.89 $\pm$ 4.1%    | 6.75   |
| temp. (°C)          | 12.2 $\pm$ 15%     | 12.4 $\pm$ 13%     | 12.8 $\pm$ 10%     | 12.6 $\pm$ 9.7%    | 12.5 $\pm$ 11%     | 12.3   |
| cond. ( $\mu$ S/cm) | 262 $\pm$ 6.3%     | 349 $\pm$ 4.3%     | 311 $\pm$ 3.9%     | 272 $\pm$ 7.8%     | 283 $\pm$ 5.1%     | 319    |
| DO (mg/l)***        | 6.0 $\pm$ 23%      | 2.0 $\pm$ 67%      | 2.2 $\pm$ 45%      | 3.9 $\pm$ 39%      | 3.8 $\pm$ 32%      | 2.1    |
| Eh (mv)             | 232 $\pm$ 61%      | 229 $\pm$ 58%      | 244 $\pm$ 51%      | 250 $\pm$ 49%      | 245 $\pm$ 48%      | 211    |

\*not a mean; only one sampling round collected to date. \*\*mean of the pH is the mean of log values. \*\*\*DO not measured in 2008 and 2009 rounds and intermittently in other rounds.



This summary is included to demonstrate the relative consistency of the the field parameters over the course of CEC's five year monitoring effort. The mean and standard deviation of each field parameter for the first six monitoring rounds are provided in the table. The results from the single 2011 round are shown for comparison. However, it needs to be emphasized that some seasons have been sampled more frequently than others. For example, two spring, two summer, two winter, and one fall monitoring rounds were completed. Also, these rounds cover an extended period with intermittent sampling. Thus, the conclusion of consistency should be viewed with this limitation in mind.

Tables 2A, 2B, and 2C (and the summary table above) demonstrate that key field conditions (groundwater elevations, pH, conductivity) varied little for the seven monitoring rounds. The groundwater elevations changed only minimally (<0.3%), even considering changes between the wet and dry seasons. This indicated that groundwater levels are not very seasonally dependent at this location. The pH values measured for each well varied less than about 4% and for the entire site were generally near neutral (7.0) with the means for the six wells varying from 6.81 to 7.19 and MW-6 having a value of 6.75 for its first measurement. MW-1 (upgradient well) appeared to have a very slightly detectable lower pH value than the other wells. Temperature values vary seasonally and it is difficult to obtain consistent dissolved oxygen (DO) and Eh field measurements. That explains why the means show such high standard deviations for these three parameters.

Conductivity values for each well were consistent throughout the five years of monitoring varying between 3.9% and 7.8%. Among the wells, the eastern well MW-2 had the the highest value and the upgradient (north) well MW-1 had the lowest value. If a higher conductivity water flowing from the east and a lower conductivity water flowing from the north were to merge under the subject site and then flow down the plunging topography of SW Eddy Street, the conductivity values observed in the other four wells would seem to follow, being of intermediate values.

Because the dissolved oxygen and Eh measurements typically result in less precision than other measurements, they provide limited information. However, both DO and Eh values indicate that the groundwater is aerobic. This suggests that the contamination present is having little impact on these parameters and that aerobic bacteria are probably degrading the gasoline but not the chlorinated compounds. Gasoline is prone to degradation by aerobic bacteria, whereas anaerobic bacteria are more successful at reductive dechlorination reactions, which are needed to degrade PCE.

### Site Hydrogeology

Figure 5 shows CEC's interpretation of the potentiometric surface and groundwater flow patterns for the March 2011 groundwater monitoring round. This diagram is consistent with the results from the six previous rounds but adds MW-6 to the flow net. The results also are consistent with the area's plunging topography down SW Eddy Street (see Figure 2). Thus, the groundwater generally flows south, with a possible southwest component, toward SW Eddy Street. Based on the topography and the presence of a large sewer line that runs down SW Eddy Street (see Photograph 6), it is assumed that the water flows south toward SW Eddy Street and then turns to the southwest to follow the topography and the sewer line. From the topography and anecdotal information, a pre-development creek was present at SW Eddy Street, which helps explain the topography and flow pattern. The upper portion of the area was filled during development by the City. Because the flow patterns for each of the seven monitoring rounds are similar, it indicates that seasonal effects on the flow are minimal. This also is demonstrated by the generally uniform groundwater chemistry and the minimal decrease in water levels during the dry season.



## Groundwater Analysis Results

As mentioned above and in CEC's 8 April 2008 report, groundwater samples from the first 2007 quarterly monitoring round were analyzed for the full set of Method 8260B VOCs to verify the results of Stemen (2002, 2003a, 2003b, and 2003c). They reported some evidence for gasoline components as well as halogenated hydrocarbons in their soil and groundwater grab samples, but only halogenated hydrocarbons had been detected in their samples from their three monitoring well rounds (with the exception of 1.1  $\mu\text{g/l}$  toluene in the MW-3 sample collected on 24 July 2003). Because no gasoline components were detected by CEC in the first 2007 quarterly round, only halogenated compounds were analyzed for the three later quarterly rounds as well as the 2009 and 2010 rounds. However, a full set of VOCs were analyzed in the March 2011 round because significant gasoline was detected in the soil samples. Basically, because there had been no persuasive evidence that gasoline contamination was still present in the groundwater and it had been assumed that the UST removal and cleanup effort had been successful in remediating the site, the emphasis from 2007 through 2010 was on contamination from the dry cleaner operation.

Figure 6 presents a diagram with data flags for the groundwater analysis results for all seven groundwater monitoring rounds completed by CEC from February 2007 through March 2011. The laboratory report for the latest sampling round is provided herein in electronic format (.pdf) on the attached CD. Only PCE is shown because, with two exceptions, it was the only compound ever detected during all seven groundwater monitoring events. The two exceptions are very low concentrations of two PCE decomposition compounds found in two samples. TCE was detected in the 25 August 2008 sample from MW-3 (0.65  $\mu\text{g/l}$ ) and cis-1,2-DCE was detected in the 22 March 2011 sample (0.66  $\mu\text{g/l}$ ).

From the data shown in Figure 6, PCE was detected in monitoring well MW-1 only once (15 January 2009) at a concentration of 0.62  $\mu\text{g/l}$ . However, this value is close to the MRL of 0.5  $\mu\text{g/l}$ . Consequently, it is uncertain whether the result is valid or a spurious laboratory value. For MW-2, it was detected twice. The 20 November 2007 sample is shown with 0.57  $\mu\text{g/l}$  present. Consistent with the 15 January 2009 MW-1 sample, it may not be a valid concentration. However, the 15 January 2009 sample is shown with 1.88  $\mu\text{g/l}$  detected. For MW-3, MW-4, and MW-5, PCE was detected in all of the samples except for those collected on 19 February 2007 and 22 March 2011.

Only four groundwater samples had PCE detected at concentrations above the MTCA Groundwater Cleanup Level of 5  $\mu\text{g/l}$  (underlined in the data flag on Figure 6). The 25 August 2008 sample from MW-3 had 9.26  $\mu\text{g/l}$  detected which was the highest concentration detected in any sample. The 25 August 2008 sample from MW-4 had 7.17  $\mu\text{g/l}$  detected. The 15 January 2009 sample from MW-4 had 5.01  $\mu\text{g/l}$  detected. Finally, the 20 November 2008 sample from MW-5 had 5.44  $\mu\text{g/l}$  detected.

Notwithstanding the observation that the MTCA cleanup level occasionally has been exceeded in groundwater samples collected from this site, there is no known direct exposure pathway for PCE in groundwater to reach either human or ecological receptors. This is because of the depth of the groundwater; the fact that drinking water is provided by the City, not from local wells; and the lack of a surface exposure for the groundwater in an ecological habitat. Moreover, the PCE concentration in the first down-gradient sample from MW-6 indicates that only minimal PCE has migrated off site. It is noteworthy that the highest concentrations observed were all from the three wells closest to, and surrounding the dry cleaner facility. This tends to suggest that the contamination is localized with minimal migration down-gradient. The highest soil concentrations observed also were near the facility (PP-3, PP-4, and PP-6). PP-6 had the highest PCE concentration in a deep soil sample which was near MW-3. Again, MW-3 had the highest groundwater concentration observed. Even with the significant soil and groundwater concen-



trations immediately downgradient of the dry cleaner facility, the new downgradient well MW-6 failed to detect substantial PCE in recent groundwater sample and only modest PCE in the soil/groundwater interface sample.

Finally, in spite of observing relatively high gasoline concentrations in deep soil samples between PP-3 and PP-6, no gasoline contamination was detected in downgradient groundwater samples from either MW-3 (located within the higher concentration portion of the plume shown in Figure 4) or MW-6. As suggested above, this tends to support the contention that the gasoline contamination is stabilized and not leaching detectable concentrations of gasoline constituents into the local groundwater.

## Conclusions

The following conclusions are offered for this subsurface investigation:

- Soil samples collected from seven push probes indicate that significant gasoline contamination is still present in the deeper soil (12-18 feet bgs). The contaminated plume extends from the UST pit downgradient to the northern edge of SW Eddy Street. However, the lack of gasoline constituents in the groundwater samples indicates that the plume is stabilized in the soil and not contributing detectable contamination to the groundwater.
- Gasoline and several of its VOC constituents were found in deep soil samples at concentrations significantly above MTCA Method A Soil Cleanup Levels. Because the contaminated area shown in Figure 4 is deep (12-18 feet bgs), it is very unlikely that excavations in the future will reach this depth and expose trench workers. Also, there appears to be no significant impact to the local groundwater by gasoline contamination. Finally, with the most volatile constituents mostly gone (e.g., benzene) and considering the depth of the contamination, vapor intrusion seems unlikely. Therefore, no human or ecological receptors are likely to come into contact with residual contamination for it to represent either a human or an ecological risk. Natural attenuation will continue to degrade this contamination over time.
- Relatively high concentrations of PCE were found in shallow soil samples around the dry cleaner facility. Lower concentrations were found in the vadose zone at all of the probe sites. A deep downgradient soil sample (PP-6) had the third highest concentration of PCE. These results confirm that the dry cleaner facility contributed PCE to the surface soils which has migrated to the groundwater (see below). The deeper soil contamination accounts for the low concentrations found in the groundwater. The fact that the groundwater concentrations are not higher attest to the stability of the PCE contamination in the soil, similar to that observed for the gasoline contamination.
- The concentrations of residual PCE in the groundwater samples were very low and only infrequently above the MTCA Method A Cleanup Level of 5.0  $\mu\text{g/l}$ . However, no pathways to human or ecological receptors presently are known to exist in the immediate area (the area is urban and sufficiently developed such that ecological habitat is limited and human exposure through groundwater is not expected given that potable water is supplied by the City). Notwithstanding the regulations in WAC Chapter 173-340, residual PCE's presence does not appear to represent either a realistic human or ecological risk.

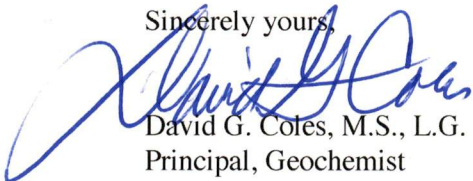
- The direction of groundwater flow is consistent with the site topography, being south toward SE Eddy Street. It is then assumed to flow to the southwest along with the topographical plunge down SE Eddy Street. The large sanitary sewer line also runs down SW Eddy Street which likely provides a preferential pathway to complement the steep topography. The concentrations of gasoline in the soil and PCE in the groundwater are consistent with this flow pattern. As mentioned in CEC's 8 April 2008, the fact that MW-4, located slightly upgradient from the dry cleaner facility, had PCE present supports Stemen's (2002) contention that some contamination was the result of a broken drain pipe which flowed to the east.
- Field parameters continue to indicate that the groundwater chemistry is relatively consistent for the six wells with MW-2 showing the most variation from the other wells. This is interpreted as groundwater flowing from the east and mixing with water from the north as both sources move toward the SW Eddy Street drainage channel. However, the differences in chemistry are subtle.
- Consistent with conclusions from the 8 April 2008 report, groundwater levels generally change seasonally as expected, but the variations were minor. Also, the potentiometric surface and groundwater flow patterns changed very little over time.

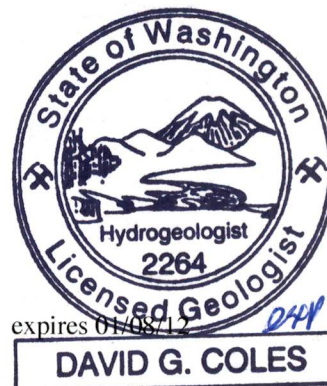
## Recommendations

- Continue quarterly groundwater monitoring for the full suite of 8360B analytes (both chlorinated and gasoline related analytes) to determine whether a seasonal trend can be confirmed over four seasonal quarters. In particular, by monitoring the new monitoring well MW-6, determine whether contamination will migrate significantly off site. If found, possible exposure to future sewer line excavation workers should be recognized.
- Excavate shallow PCE-impacted soil around the perimeter of the dry cleaning facility. Depending on the amount of residual contamination that may exist in this area after the removal, consider installing a soil venting system along the three sides of the facility. It may be necessary to remove soil directly under the building if, and when, it is demolished in the future should site renovation be considered. With excavation equipment available at that time, check GPR anomalies around the facility.
- Allow natural attenuation to continue to degrade the gasoline contamination.

Your review of this document, its conclusions, and its recommendations will be appreciated along with your input for any possible future activities which may be required to achieve site closure.

Sincerely yours,

  
David G. Coles, M.S., L.G.  
Principal, Geochemist





Attachments: six diagrams  
four tables  
seven boring logs  
six field photographs  
one CD with lab reports

cc: Bud Pontius (representing the property owners)  
Project File

## References:

(CEC, 2008) Coles Environmental Consulting, Inc., *Final Groundwater Monitoring Report for the Short Stop 1 Site, 6311/6317, California Avenue, SW, Seattle, WA*, (TCP ID #NW1610), dated 9 April 2008.

(CEC, 2009) Coles Environmental Consulting, Inc., *Status Report on the VCP Project for the Short Stop 1 Site, 6317 California Ave., SW, Seattle, Washington (Facility ID No.: 92888299; VCP Project No.: NW1610)*, dated 13 July 2009.

(CEC, 2011) Coles Environmental Consulting, Inc., *Proposal for a Pre-Closure Subsurface Investigation at the Short Stop 1 Site, 6317 California Ave., SW, Seattle, Washington (Facility ID No.: 92888299; VCP Project No.: NW1610)*, dated 5 January 2011.

(Stemen, 2002) Stemen Environmental, Inc., *Phase II Environmental Site Assessment Report, Property Located 6317 California Avenue, S.W., Seattle, Washington*, dated 13 January 2002.

(Stemen, 2003a) Stemen Environmental, Inc., *Monitoring Well Installation and Quarterly Groundwater Monitoring Report, Short Stop Site, 6317 California Avenue, S.W., Seattle, Washington, Ecology Site #101565*, dated 15 May 2003.

(Stemen, 2003b) Stemen Environmental, Inc., *Groundwater Monitoring Report, Short Stop Site, 6317 California Avenue, S.W., Seattle, Washington*, dated 25 July 2003.

(Stemen, 2003c) Stemen Environmental, Inc., *Groundwater Monitoring Report, Short Stop Site, 6317 California Avenue, S.W., Seattle, Washington*, dated 15 December 2003.

Troost, K. G., Booth, Wisher, and Shimel, *The Geologic Map of Seattle, A Progress Report*, USGS Open-File Report 2005-1252, V. 1.0 (2005). Downloaded from the Pacific Northwest Center for Geologic Mapping Studies, U. of Washington (<http://geomapnw.ess.washington.edu>).

Washington Department of Ecology, *Chapter 173-340 WAC, MODEL TOXICS CONTROL ACT--CLEANUP*, updated 10/12/07 (Table 720-1: Method A Cleanup Levels for Ground Water and Table 7403.1: Method A Soil Cleanup Levels for Unrestricted Land Uses).

(Ecology 2004) Washington Department of Ecology, *Collecting and Preparing Soil Samples for VOC Analysis*, Implementation Memorandum #5, dated 17 June 2004.

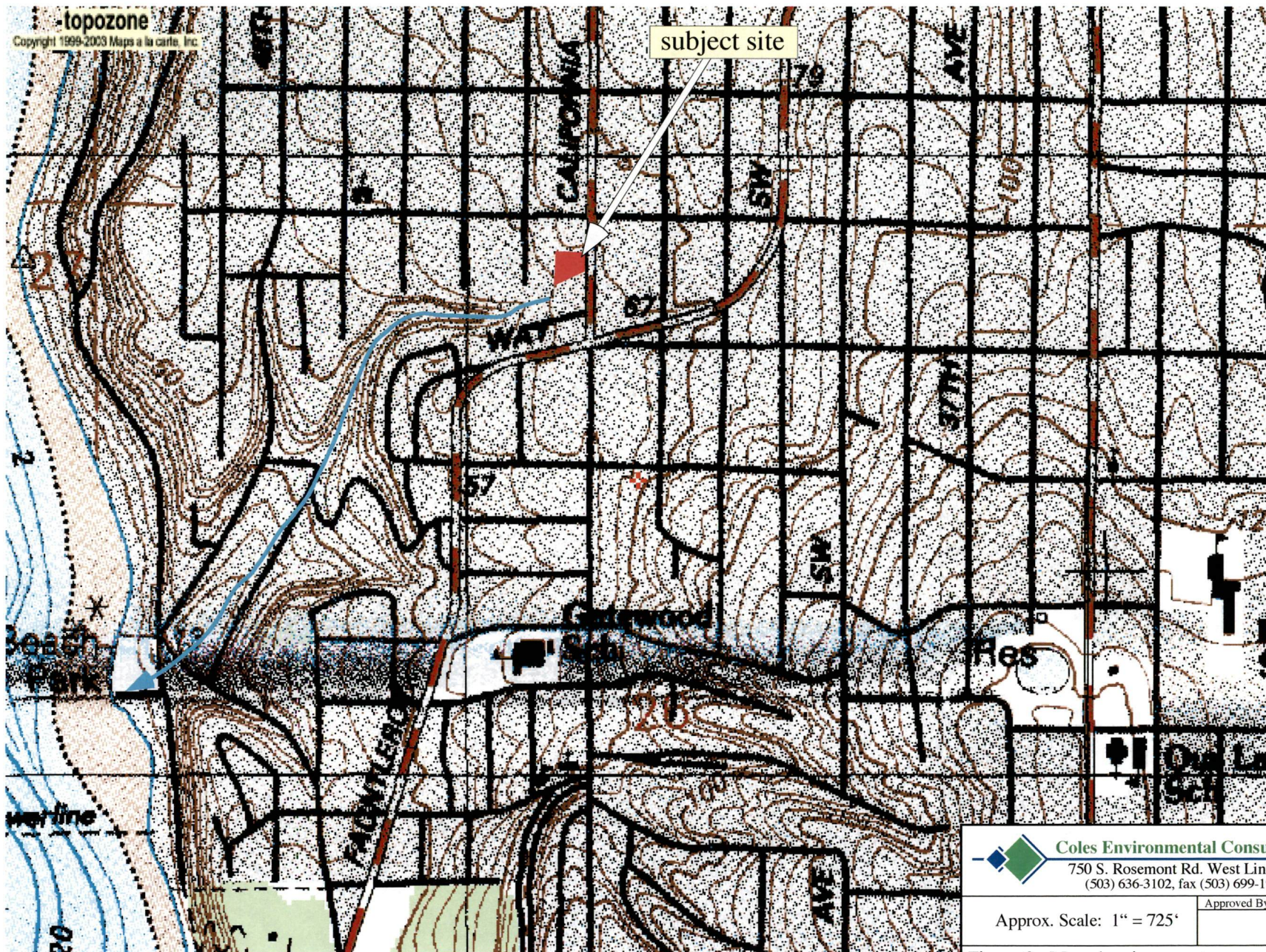




Google Earth photograph, 20 June 2010. Property line shown (yellow) is approximate.

|                                                                                                                                   |               |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------|
|  <b>Coles Environmental Consulting, Inc.</b> |               |
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| Approx. Scale: 1" = 50'                                                                                                           | Approved By   |
|                                                                                                                                   | Date/Revision |
|                                                                                                                                   | 06/07/11      |
|                                                                                                                                   | Rev. 1        |
| Figure 1. Aerial photograph showing site features at the Short Stop 1 site, 6317 California Avenue, SW, Seattle, WA.              |               |





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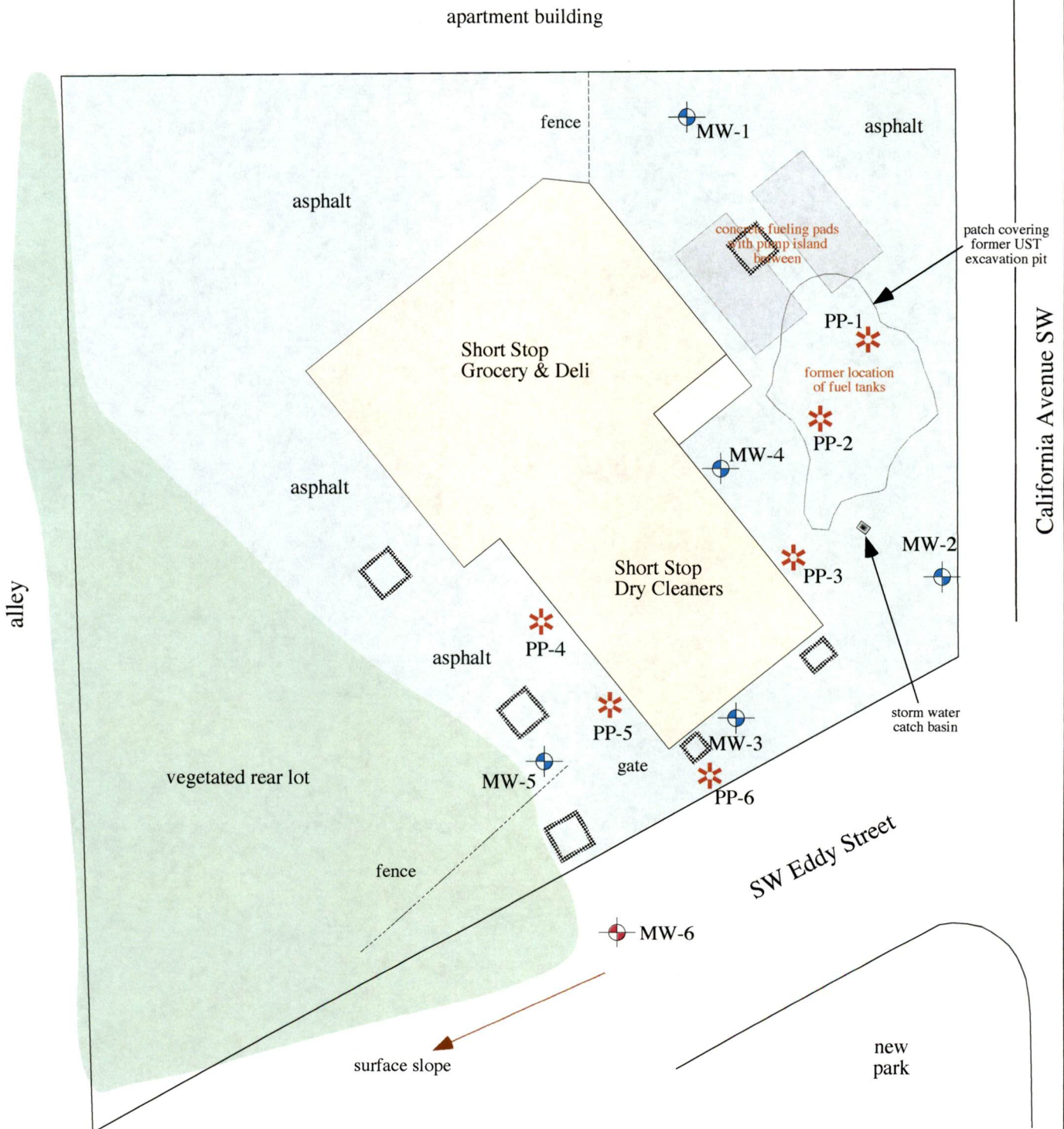
Approved By: \_\_\_\_\_ Date/Revision: 03/24/08  
Rev. 0

Approx. Scale: 1" = 725'

Figure 2. Map showing area topography in the vicinity of the Short Stop 1 site, 6317 California Avenue, SW, Seattle, WA.



# SHORT STOP SITE, SHOWING EXISTING WELLS AND LOCATIONS FOR WELLS AND PROBES



- \* = 2/11 probe locations
- = 2/11 GPR anomaly
- ⊙ = 2/11 monitoring-well location
- ⊕ = existing monitoring-well locations

Note: Locations of site features approximate. Well locations based on diagrams from Stemen Environmental, Inc. (15 May 2003). Well designations from stamped numbers on well monuments.

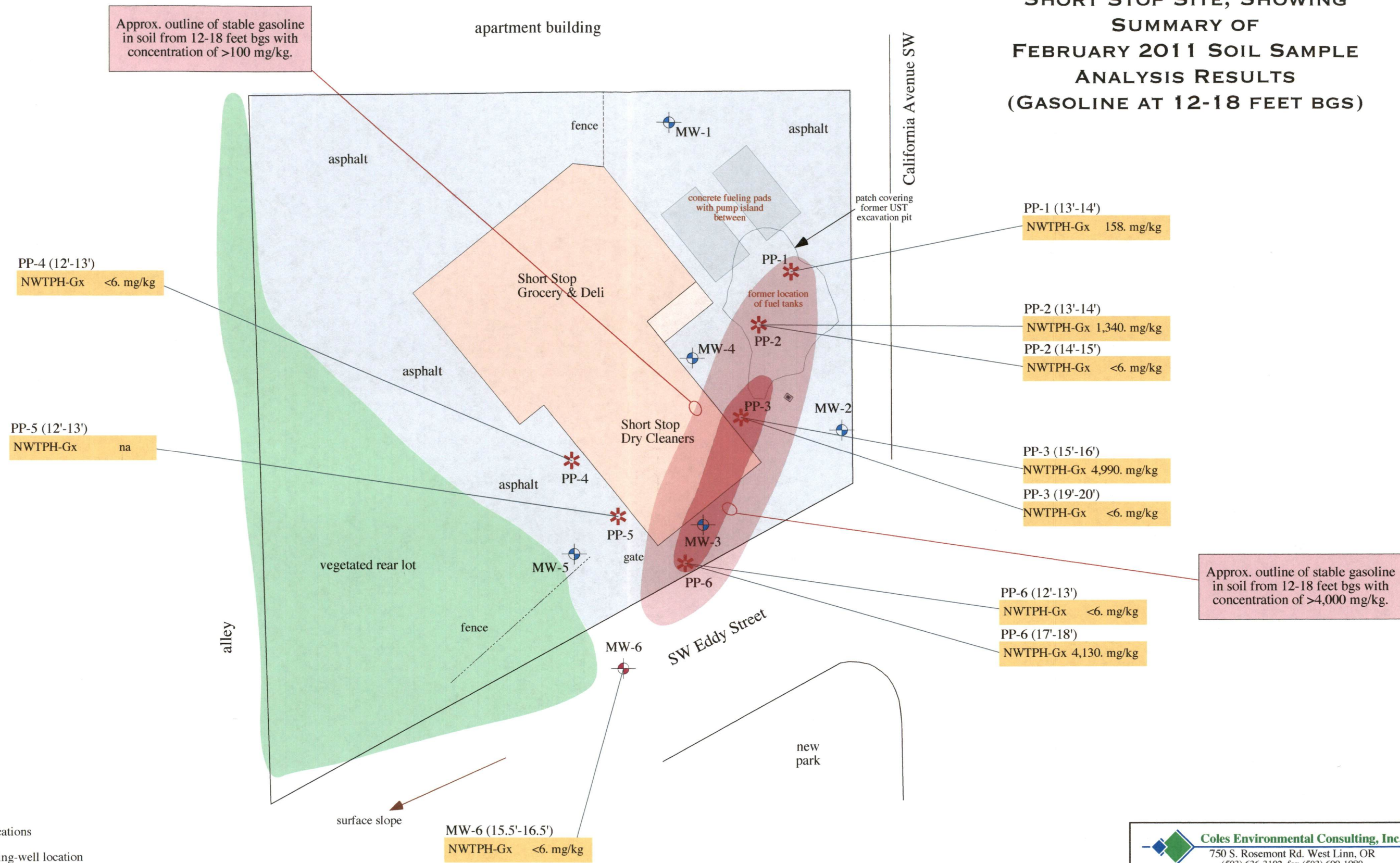
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|                                                                                                                        |             | 06/01/11<br>Rev. 6 |

Figure 3. Diagram showing site features and monitoring wells at the Short Stop 1 site, 6317 California Avenue, SW, Seattle, WA.





**SHORT STOP SITE, SHOWING  
SUMMARY OF  
FEBRUARY 2011 SOIL SAMPLE  
ANALYSIS RESULTS  
(GASOLINE AT 12-18 FEET BGS)**



- \* = 2/11 probe locations
- = 2/11 monitoring-well location
- = existing monitoring-well locations

Note: Locations of site features approximate. Well locations based on diagrams from Stemen Environmental, Inc. (15 May 2003). Well designations from stamped numbers on well monuments.

|                                                                                                                                                                                                              |                    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
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| Approved By                                                                                                                                                                                                  | Date/Revision      |  |
|                                                                                                                                                                                                              | 06/06/11<br>Rev. 1 |  |

Approx. Scale: 1" = 25'

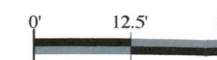
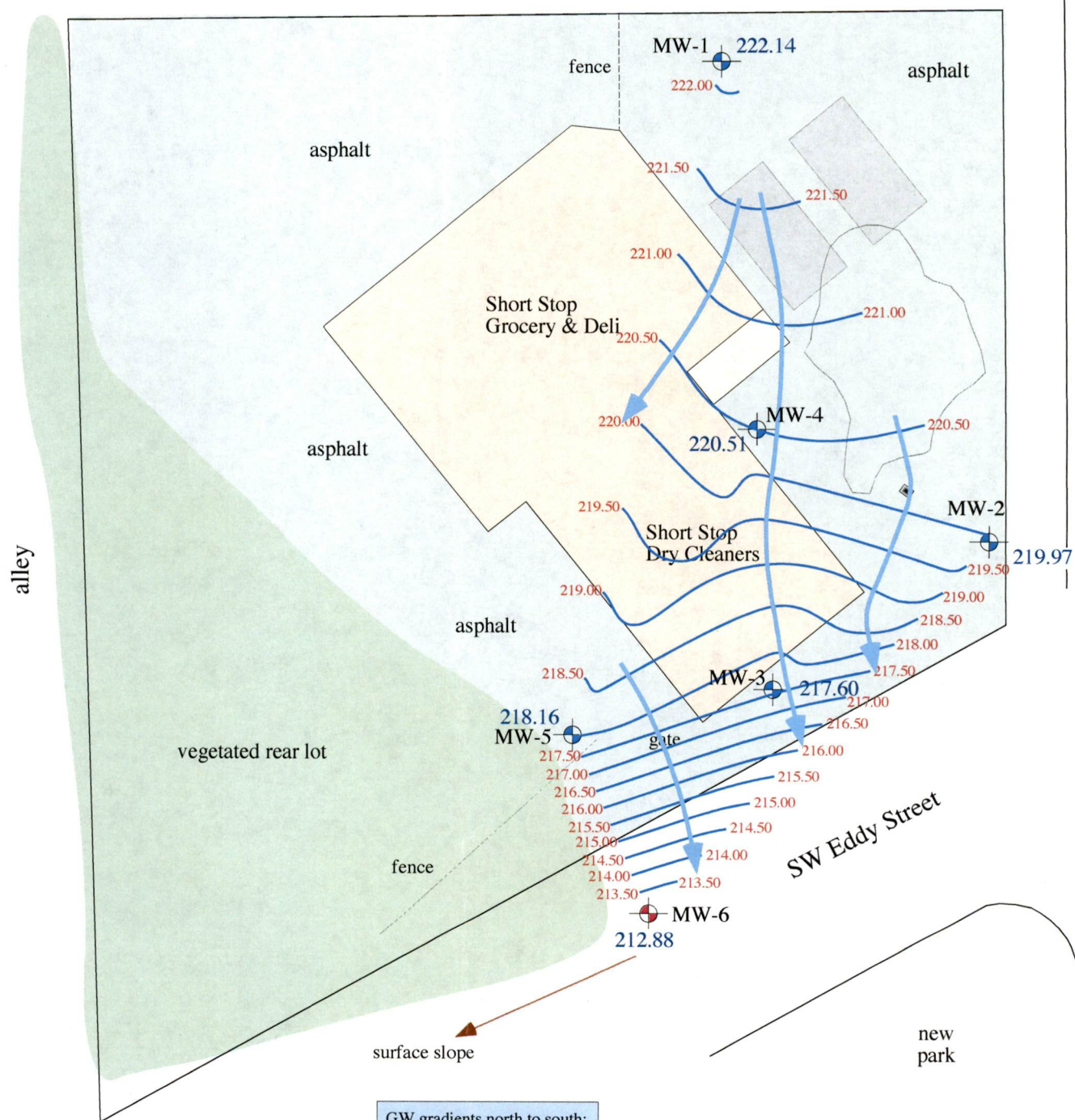


Figure 4. Diagram showing gasoline analysis results for soil samples collected in February 2011, Short Stop 1 site, West Seattle, WA.





## GROUNDWATER FLOW ON 22 MARCH 2011



- = 2/11 monitoring-well location
- = existing monitoring-well locations

GW gradients north to south:  
MW-1 to MW-4 = 0.03 ft/ft  
MW-4 to MW-3 = 0.07 ft/ft  
MW-5 to MW-6 = 0.17 ft/ft

Note: Locations of site features approximate. Well locations based on diagrams from Stemen Environmental, Inc. (15 May 2003). Well designations from stamped numbers on well monuments.

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Approx. Scale: 1" = 25'

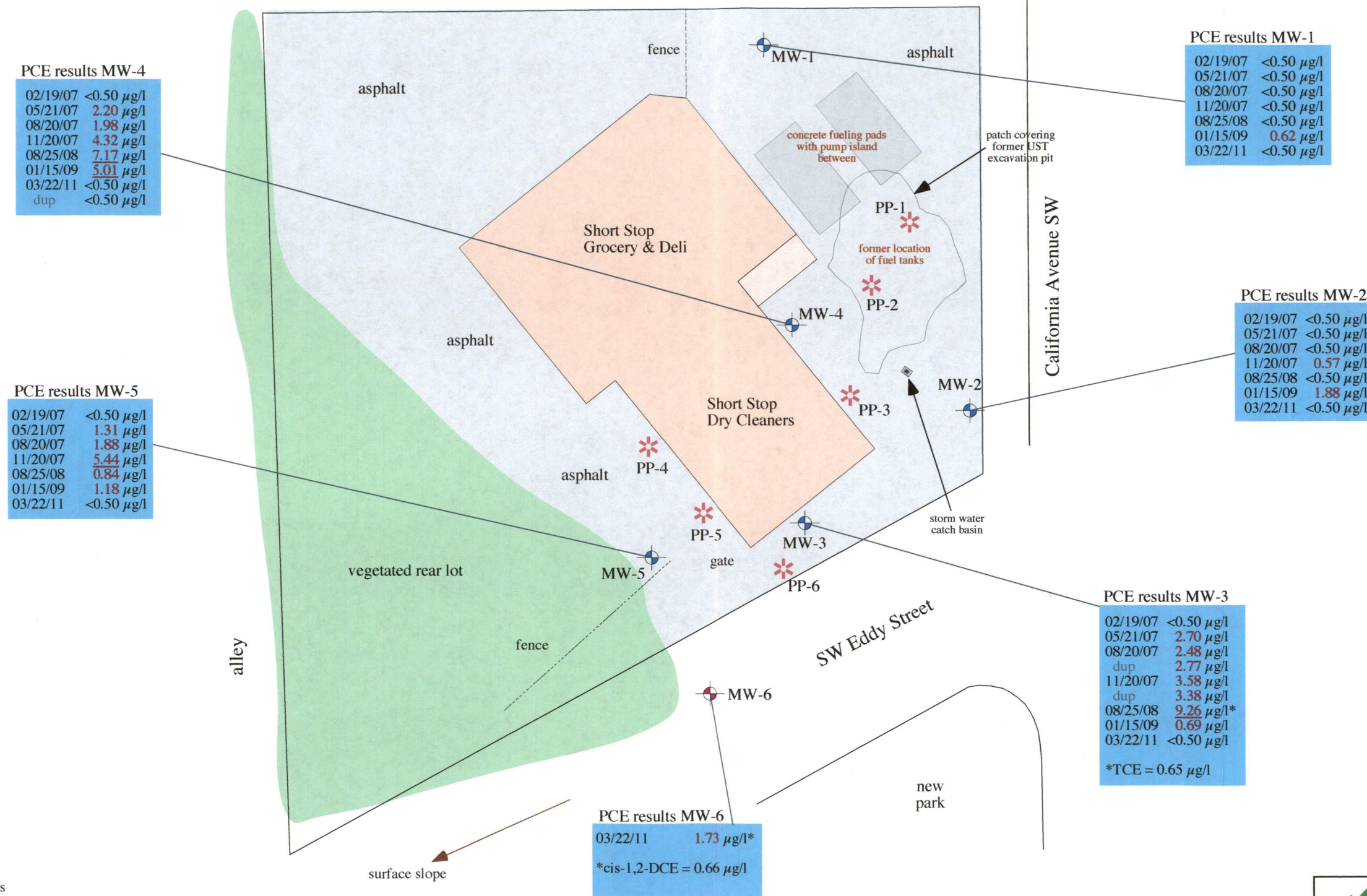
| Approved By | Date/Revision |
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|             | 06/01/11      |
|             | Rev. 0        |

Figure 5. Diagram showing the 22 March 2011 groundwater flow at the Short Stop 1 site, 6317, California Avenue, SW, Seattle, WA.



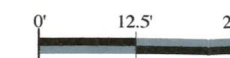


## SHORT STOP SITE, SHOWING SUMMARY OF GROUNDWATER MONITORING DATA



- \* = 2/11 probe locations
- = 2/11 monitoring-well location
- = existing monitoring-well locations

Note: Locations of site features approximate. Well locations based on diagrams from Stemen Environmental, Inc. (15 May 2003). Well designations from stamped numbers on well monuments.



|                                                                                                                                                                                                              |                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
|  <b>Coles Environmental Consulting, Inc.</b><br>750 S. Rosemont Rd. West Linn, OR<br>(503) 636-3102, fax (503) 699-1980 |                    |
| Approved By                                                                                                                                                                                                  | Date/Revision      |
| Approx. Scale: 1" = 25'                                                                                                                                                                                      | 06/06/11<br>Rev. 7 |

Figure 6. Diagram showing analysis results for groundwater monitoring rounds at the Short Stop 1 site, 6317, California Avenue, SW, Seattle, WA.



Table 1. Soil sample analysis results for the 21-22 February 2011 subsurface investigation at the Short Stop 1 site, 6317 California Avenue, SW, Seattle, WA.

| Sample Location<br>(depth interval)                             | -Gx(mg/kg) | VOCs (8260B) (µg/kg) |            |              |                  |            |                 |                |                  |                  |                    |                        |                        |             | chlorinated VOCs (8260B) (µg/kg) |        |             |               |
|-----------------------------------------------------------------|------------|----------------------|------------|--------------|------------------|------------|-----------------|----------------|------------------|------------------|--------------------|------------------------|------------------------|-------------|----------------------------------|--------|-------------|---------------|
|                                                                 | gasoline   | benzene              | toluene    | ethylbenzene | o-xylene         | m,p-xylene | n-propylbenzene | n-butylbenzene | sec-butylbenzene | isopropylbenzene | 4-isopropyltoluene | 1,2,4-trimethylbenzene | 1,3,5-trimethylbenzene | naphthalene | PCE                              | TCE    | cis-1,2 DCE | trans-1,2 DCE |
| PP-1 (10.5-11.5)                                                | <6.        | <31.                 | <62.       | <31.         | 33.4             | 78.6       | <31.            | <62.           | <62.             | <62.             | <62.               | 163.                   | 68.1                   | <124.       | 575.                             | <31.   | <31.        | <31.          |
| PP-1 (13-14)                                                    | 158.       | <16.                 | 65.3       | <33.         | <33.             | 112.       | 38.5            | 142.           | 87.5             | <65.             | <65.               | 90.8                   | <65.                   | <131.       | <33.                             | <33.   | <33.        | <33.          |
| PP-2 (13-14)                                                    | 1,340.     | <31.                 | <125.      | <62.         | <62.             | <125.      | 66.3            | 4,070.         | 1,700.           | <125.            | 1,180.             | <125.                  | <125.                  | <250.       | 499.                             | <62.   | <62.        | <62.          |
| PP-2 (14-15)                                                    | <6.        | <14.                 | <57.       | <28.         | <28.             | <56.       | <28.            | 93.9           | <57.             | <57.             | <57.               | <57.                   | <57.                   | <113.       | 35.1                             | <28.   | <28.        | <28.          |
| PP-3 (1.5-2)                                                    | na         | 178                  | <53.       | <26.         | <26.             | <53.       | <26.            | <53.           | <53.             | <53.             | <53.               | <53.                   | <53.                   | <106.       | 18,300.                          | 6,750. | 693.        | 46.7          |
| PP-3 (8.5-9)                                                    | na         | <14                  | <54.       | <27.         | <27.             | <54.       | <27.            | <54.           | <54.             | <54.             | <54.               | <54.                   | <54.                   | <108.       | 484.                             | 31.9   | <27.        | <27.          |
| PP-3 (15-16)                                                    | 4,990.     | <170.                | <680.      | 2,840.       | 354.             | 3,170.     | 41,600.         | 32,500.        | 7,900.           | 6,420.           | 7,360.             | 51,700.                | 42,600.                | 2,800.      | <340.                            | <340.  | <340.       | <340.         |
| PP-3 (19-20)                                                    | <6.        | <15.                 | <61.       | <30.         | <30.             | <61.       | <30             | <61.           | <61.             | <61.             | <61.               | <61.                   | <61.                   | <121.       | <30.                             | <30.   | <30.        | <30.          |
| PP-4 (0.5-1.5)                                                  | na         | <13.                 | <51.       | <26.         | <26.             | <51.       | <26.            | <51.           | <51.             | <51.             | <51.               | <51.                   | <51.                   | <102.       | 4,440.                           | 31.2   | <26.        | <26.          |
| PP-4 (12-13)                                                    | <6.        | <14.                 | <57.       | <28.         | <28.             | <57.       | <28.            | <57.           | <57.             | <57.             | <57.               | <57.                   | <57.                   | <114.       | 558.                             | 48.2   | <28.        | <28.          |
| PP-5 (3-4)                                                      | na         | <16.                 | <62.       | <31.         | <31.             | <62.       | <31.            | <62.           | <62.             | <62.             | <62.               | <62.                   | <62.                   | <125.       | 150.                             | <31.   | <31.        | <62.          |
| PP-5 (12-13)                                                    | na         | <16.                 | <65.       | <32.         | <32.             | <65.       | <32.            | <65.           | <65.             | <65.             | <65.               | <65.                   | <65.                   | <130.       | 482.                             | <32.   | <32.        | <32.          |
| PP-6 (6-7)                                                      | na         | <14.                 | <58.       | <29.         | <29.             | <58.       | <29.            | <58.           | <58.             | <58.             | <58.               | <58.                   | <58.                   | <116.       | 300.                             | <29.   | <29.        | <58.          |
| PP-6 (12-13)                                                    | <6.        | >14.                 | <58.       | <29.         | <29.             | <58.       | <29.            | <58.           | <58.             | <58.             | <58.               | <58.                   | <58.                   | <115.       | 274.                             | <29.   | <29.        | <58           |
| PP-6 (17-18)                                                    | 4,130.     | >405.                | 34,800.    | 42,200.      | 43,000.          | 182,000.   | 35,200.         | 11,200.        | 3,820.           | 8,620.           | 6,070.             | 179,000.               | 58,500.                | 19,100.     | 2,940.                           | <809.  | <809.       | <809.         |
| MW-6 (15.5-16.5)                                                | <6.        | <16.                 | <64.       | <32.         | <32.             | 74.9       | >32.            | <64.           | <64.             | <64.             | <64.               | 100.                   | <64.                   | <127.       | 381.                             | 40.0   | <32.        | <64.          |
| MTCA Method A Soil Cleanup Levels for Unrestricted Land Use     | 100.       | 30.                  | 7,000.     | 6,000.       | ----9,000,----   |            | nd              | nd             | nd               | nd               | nd                 | nd                     | nd                     | 5,000.      | 50.                              | 30.    | nd          | nd            |
| EPA's Regional Screening Levels for Residential Soil) Dec. 2009 | nd         | 1,100.               | 5,000,000. | 5,400.       | ----630,000,---- |            | 3,400,000.      | nd             | nd               | nd               | nd                 | 62,000.                | 780,000.               | 3,600.      | 550.                             | 2,800. | 780,000.    | 150,000.      |

na = not analyzed. nd = data not available. Detected values highlighted in red and underline if above MTCA Method A Soil Cleanup Levels (for compounds with cleanup levels defined).



Table 2A. Short-Stop 1, West Seattle, quarterly groundwater monitoring rounds: field parameter results.

| Sampling Dates<br>Groundwater<br>Parameters | Monitoring Well Designations (TOC elevations, ft) |                  |                  |                  |                  |
|---------------------------------------------|---------------------------------------------------|------------------|------------------|------------------|------------------|
|                                             | MW- 1<br>(233.01)                                 | MW-2<br>(230.42) | MW-3<br>(230.64) | MW-4<br>(230.94) | MW-5<br>(228.62) |
| <b>02/19/07 (1st Quarter)</b>               |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      | 11.39                                             | 10.73            | 13.77            | 11.08            | 11.20            |
| water level elevation (ft)                  | 221.62                                            | 219.69           | 216.87           | 219.86           | 217.42           |
| pH                                          | 6.90                                              | 7.24             | 7.16             | 7.06             | 6.70             |
| temperature (°C)                            | 12.6                                              | 12.8             | 13.3             | 12.8             | 12.8             |
| conductivity (μS/cm)                        | 250.                                              | 345.             | 308.             | 271.             | 280              |
| DO (mg/l)                                   | 5.9                                               | nm               | 2.2              | 4.2              | 3.7              |
| Eh (mv)                                     | 160.                                              | 195.             | 235.             | 235.             | 280.             |
| <b>05/21/07 (2nd Quarter)</b>               |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      | 11.52                                             | 11.07            | 13.78            | 11.15            | 11.30            |
| water level elevation (ft)                  | 221.49                                            | 219.35           | 216.86           | 219.79           | 217.32           |
| pH                                          | 6.91                                              | 7.27             | 7.00             | 6.72             | 6.73             |
| temperature (°C)                            | 13.1                                              | 13.4             | 13.9             | 13.6             | 13.5             |
| conductivity (μS/cm)                        | 254.                                              | 346.             | 311.             | 270.             | 279              |
| DO (mg/l)                                   | 5.2                                               | 0.8              | 1.0              | nm               | 3.0              |
| Eh (mv)                                     | 140.                                              | 115.             | 135.             | 155.             | 160.             |
| <b>8/20/07 (3rd Quarter)</b>                |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      | 11.74                                             | 11.36            | 13.97            | 11.42            | 11.52            |
| water level elevation (ft)                  | 221.27                                            | 219.06           | 216.67           | 219.52           | 217.10           |
| pH                                          | 6.71                                              | 7.42             | 7.12             | 7.31             | 7.49             |
| temperature (°C)                            | 14.7                                              | 14.6             | nm               | 13.7             | 13.7             |
| conductivity (μS/cm)                        | 251.                                              | 337.             | 294.             | 272.             | 268.             |
| DO (mg/l)                                   | 7.5                                               | 2.2              | 3.2              | 5.0              | 5.4              |
| Eh (mv)                                     | 110.                                              | 135.             | 165.             | 145.             | 150.             |
| <b>11/20/07 (4th Quarter)</b>               |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      | 11.81                                             | 11.29            | 13.92            | 11.38            | 11.54            |
| water level elevation (ft)                  | 221.20                                            | 219.13           | 216.72           | 219.56           | 217.08           |
| pH                                          | 6.93                                              | 7.21             | 7.08             | 6.88             | 7.00             |
| temperature (°C)                            | 10.2                                              | 11.1             | 12.0             | 12.0             | 12.0             |
| conductivity (μS/cm)                        | 243.                                              | 328.             | 300.             | 229.             | 270.             |
| DO (mg/l)                                   | 7.3                                               | 3.8              | 3.0              | 4.6              | 4.6              |
| Eh (mv)                                     | 170.                                              | 165.             | 170.             | 175.             | 170.             |



Table 2B. Short-Stop 1, West Seattle, quarterly groundwater monitoring rounds: field parameter results.

| Sampling Dates<br>Groundwater<br>Parameters | Monitoring Well Designations (TOC elevations, ft) |                  |                  |                  |                  |
|---------------------------------------------|---------------------------------------------------|------------------|------------------|------------------|------------------|
|                                             | MW- 1<br>(233.01)                                 | MW-2<br>(230.42) | MW-3<br>(230.64) | MW-4<br>(230.94) | MW-5<br>(228.62) |
| <b>08/25/08</b>                             |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      | 11.86                                             | 11.25            | 13.84            | 11.41            | 11.58            |
| water level elevation (ft)                  | 221.15                                            | 219.17           | 216.80           | 219.53           | 217.04           |
| pH                                          | 6.82                                              | 7.19             | 7.13             | 6.90             | 6.70             |
| temperature (°C)                            | 13.4                                              | 13.6             | 14.2             | 13.7             | 12.8             |
| conductivity (μS/cm)                        | 270.                                              | 350.             | 320.             | 280.             | 280              |
| DO (mg/l)                                   | nm                                                | nm               | nm               | nm               | nm               |
| Eh (mv)                                     | 306.                                              | 300.             | 318.             | 333.             | 280.             |
| <b>01/15/09 (2nd Quarter)</b>               |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      | 11.46                                             | 11.06            | 13.51            | 10.97            | 11.08            |
| water level elevation (ft)                  | 221.55                                            | 219.36           | 217.13           | 219.97           | 217.54           |
| pH                                          | 6.84                                              | 7.10             | 7.00             | 6.88             | 6.89             |
| temperature (°C)                            | 9.4                                               | 10.4             | 10.6             | 10.4             | 9.8              |
| conductivity (μS/cm)                        | 280.                                              | 360.             | 330.             | 290.             | 300              |
| DO (mg/l)                                   | nm                                                | nm               | nm               | nm               | nm               |
| Eh (mv)                                     | 516.                                              | 495.             | 489.             | 489.             | 482.             |
| <b>Reserved</b>                             |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      |                                                   |                  |                  |                  |                  |
| water level elevation (ft)                  |                                                   |                  |                  |                  |                  |
| pH                                          |                                                   |                  |                  |                  |                  |
| temperature (°C)                            |                                                   |                  |                  |                  |                  |
| conductivity (μS/cm)                        |                                                   |                  |                  |                  |                  |
| DO (mg/l)                                   |                                                   |                  |                  |                  |                  |
| Eh (mv)                                     |                                                   |                  |                  |                  |                  |
| <b>Reserved</b>                             |                                                   |                  |                  |                  |                  |
| water level depth (ft)                      |                                                   |                  |                  |                  |                  |
| water level elevation (ft)                  |                                                   |                  |                  |                  |                  |
| pH                                          |                                                   |                  |                  |                  |                  |
| temperature (°C)                            |                                                   |                  |                  |                  |                  |
| conductivity (μS/cm)                        | .                                                 |                  |                  |                  |                  |
| DO (mg/l)                                   |                                                   |                  |                  |                  |                  |
| Eh (mv)                                     | .                                                 |                  |                  |                  |                  |



Table 2C. Short-Stop 1, West Seattle, quarterly groundwater monitoring rounds: field parameter results.

| Sampling Dates<br>Groundwater<br>Parameters | Monitoring Well Designations (TOC elevations, ft) |                  |                  |                  |                  |                  |
|---------------------------------------------|---------------------------------------------------|------------------|------------------|------------------|------------------|------------------|
|                                             | MW-1<br>(233.01)                                  | MW-2<br>(230.42) | MW-3<br>(230.64) | MW-4<br>(230.94) | MW-5<br>(228.62) | MW-6<br>(227.26) |
| <b>03/23/11 (1st Quarter)</b>               |                                                   |                  |                  |                  |                  |                  |
| water level depth (ft)                      | 10.87                                             | 10.45            | 13.04            | 10.43            | 10.46            | 14.38            |
| water level elevation (ft)                  | 222.14                                            | 219.97           | 217.60           | 220.51           | 218.16           | 212.88           |
| pH                                          | 6.53                                              | 6.87             | 6.87             | 6.73             | 7.10             | 6.75             |
| temperature (°C)                            | 12.2                                              | 11.1             | 12.8             | 12.0             | 13.0             | 12.3             |
| conductivity ( $\mu$ S/cm)                  | 286.                                              | 374.             | 311.             | 293.             | 306.             | 319.             |
| DO (mg/l)                                   | 4.2                                               | 1.2              | 1.4              | 1.8              | 2.3              | 2.1              |
| Eh (mv)                                     | 220.                                              | 195.             | 196.             | 221.             | 195.             | 211.             |
| <b>06/xx/11 (2nd Quarter)</b>               |                                                   |                  |                  |                  |                  |                  |
| <b>09/xx/11 (3rd Quarter)</b>               |                                                   |                  |                  |                  |                  |                  |
| <b>12/xx/11 (4th Quarter)</b>               |                                                   |                  |                  |                  |                  |                  |



**DRILLING/BORING LOG No. PP-01**

Project: Short Stop 1, West Seattle

Date: 21 February 2011

Logged by: D. G. Coles, R.G.

Drill Rig: 6600 Geoprobe

Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: ~11'

Drilling Co: Pacific Soil &amp; Water

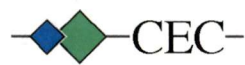
TOC Elev: N/A

| Lithologic Description                          | USCS Class | Graphic Log                                                                         | Depth (ft) | Sample                                                                              | GW Depth | Remarks                  |
|-------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|----------|--------------------------|
| asphalt                                         |            |    | 0          |                                                                                     |          |                          |
| misc. sand, crushed rocks, & clayey silt (fill) |            |    | 1          |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 2          |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 3          |                                                                                     |          |                          |
| N/R                                             |            |                                                                                     | 4          |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 5          |                                                                                     |          |                          |
| fine sand (fill)                                |            |    | 6          |                                                                                     |          | No HNu response          |
|                                                 |            |                                                                                     | 7          |                                                                                     |          |                          |
| broken concrete (fill)                          |            |   | 8          |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 9          |                                                                                     |          |                          |
| N/R                                             |            |                                                                                     | 10         |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 11         |  |          |                          |
| sand (fill)                                     |            |  | 12         |                                                                                     |          | PP-01 (10.5'-11.5') 1445 |
|                                                 |            |                                                                                     | 13         |  |          |                          |
| gray, silty sand with strong gasoline odor      | SM         |  | 14         |                                                                                     |          | HNu: 8-20 ppm            |
|                                                 |            |                                                                                     | 15         |                                                                                     |          | PP-01 (13'-14') 1446     |
| N/R                                             |            |                                                                                     | 16         |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 17         |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 18         |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 19         |                                                                                     |          |                          |
|                                                 |            |                                                                                     | 20         |                                                                                     |          |                          |

boring diagram

bentonite backfill

Total Depth



## General Notes:

Silty sand near the bottom of the probe is interpreted as native soil, impacted with old gasoline, at the bottom of the former tank pit.

CEC Project No.

**P5156.1**

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**DRILLING/BORING LOG No. PP-02**

Project: Short Stop 1, West Seattle

Date: 21 February 2011

Logged by: D. G. Coles, R.G.

Drill Rig: 6600 Geoprobe

Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: not observed

Drilling Co: Pacific Soil &amp; Water

TOC Elev: N/A

| Lithologic Description              | USCS Class | Graphic Log                                                                         | Depth (ft)       | Sample | GW Depth | Remarks                 |
|-------------------------------------|------------|-------------------------------------------------------------------------------------|------------------|--------|----------|-------------------------|
| asphalt                             |            |    | 0                |        |          |                         |
| med. sand, gravel, & bricks (fill)  |            |    | 1<br>2<br>3      |        |          |                         |
| N/R                                 |            |                                                                                     | 4                |        |          |                         |
| med. sand, gravel (fill)            |            |   | 5<br>6<br>7<br>8 |        |          | No HNu response         |
| N/R                                 |            |                                                                                     | 9                |        |          |                         |
| sand (fill)                         |            |  | 10<br>11         |        |          |                         |
| med. sand (with native structure)   | SP         |  | 12               |        |          | PP-02 (13'-14')<br>1512 |
| dark sand with strong gasoline odor | SP         |  | 13               |        |          |                         |
| stiff, layered (structured) sand    | SP         |  | 14               |        |          | HNu: 15-20 ppm          |
|                                     |            |                                                                                     | 15               |        |          | PP-02 (14'-15')<br>1515 |
|                                     |            |                                                                                     | 16               |        |          |                         |
|                                     |            |                                                                                     | 17               |        |          |                         |
|                                     |            |                                                                                     | 18               |        |          |                         |
|                                     |            |                                                                                     | 19               |        |          |                         |
|                                     |            |                                                                                     | 20               |        |          |                         |

boring  
diagrambentonite  
backfill

Total Depth



## General Notes:

Sand near the bottom of the probe is interpreted as native soil, impacted with old gasoline, at the bottom of the former tank pit (consistent with PP-1).

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**DRILLING/BORING LOG No. PP-03**

Project: Short Stop 1, West Seattle

Date: 21 February 2011

Logged by: D. G. Coles, R.G.

Drill Rig: 6600 Geoprobe

Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: ~15'

Drilling Co: Pacific Soil & Water

TOC Elev: N/A

| Lithologic Description                                          | USCS Class | Graphic Log | Depth (ft) | Sample | GW Depth | Remarks         |
|-----------------------------------------------------------------|------------|-------------|------------|--------|----------|-----------------|
| broken asphalt                                                  |            |             | 0          |        |          |                 |
| med. sand (fill)                                                |            |             | 1          |        |          |                 |
| wet, crushed rock (fill)                                        |            |             | 2          |        |          |                 |
| slight pet. odor                                                |            |             |            |        |          |                 |
| stiff, brown, med. sand                                         | SP         |             | 3          |        |          |                 |
| N/R                                                             |            |             | 4          |        |          |                 |
| sluff                                                           |            |             | 5          |        |          |                 |
|                                                                 |            |             | 6          |        |          | No HNu response |
| med. stiff brown sand to medium sand                            | SP         |             | 7          |        |          |                 |
|                                                                 |            |             | 8          |        |          |                 |
| N/R                                                             |            |             | 9          |        |          |                 |
|                                                                 |            |             | 10         |        |          |                 |
| medium brown sand with structure                                | SP         |             | 11         |        |          |                 |
|                                                                 |            |             | 12         |        |          |                 |
|                                                                 |            |             | 13         |        |          |                 |
| N/R                                                             |            |             | 14         |        |          |                 |
|                                                                 |            |             | 15         |        |          |                 |
| gray, med. sand with strong gasoline odor and sheen (saturated) | SP         |             | 16         |        |          |                 |
|                                                                 |            |             | 17         |        |          |                 |
|                                                                 |            |             | 18         |        |          |                 |
| med. sand with structure (unsaturated)                          | SP         |             | 19         |        |          |                 |
|                                                                 |            |             | 20         |        |          |                 |
|                                                                 |            |             |            |        |          |                 |

General Notes:

Sand near the soil/groundwater is interpreted as native soil, impacted with old gasoline that migrated from the former tank pit.

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**DRILLING/BORING LOG No. PP-04**

Project: Short Stop 1, West Seattle

Date: 21 February 2011

Logged by: D. G. Coles, R.G.

Drill Rig: 6600 Geoprobe

Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: not observed

Drilling Co: Pacific Soil &amp; Water

TOC Elev: N/A

| Lithologic Description                                                        | USCS Class | Graphic Log                                                                         | Depth (ft) | Sample | GW Depth | Remarks |
|-------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|--------|----------|---------|
| asphalt                                                                       |            |    | 0          |        |          |         |
| misc. fill, mostly wood debris                                                |            |    | 1          |        |          |         |
| stiff, med.-fine sand, brown with cobbles and some carbon                     |            |    | 2          |        |          |         |
| brown, med.-fine sand with sed. structure                                     | SW         |    | 3          |        |          |         |
| N/R                                                                           |            |                                                                                     | 4          |        |          |         |
| sluff                                                                         |            |    | 5          |        |          |         |
| brown med. sand with coarse sand lenses and lenses of silty sand... all stiff | SW         |    | 7          |        |          |         |
| N/R                                                                           |            |                                                                                     | 9          |        |          |         |
| slightly stiff, brown, med. sand (with native structure)                      | SP         |  | 10         |        |          |         |
| N/R                                                                           |            |                                                                                     | 12         |        |          |         |
|                                                                               |            |                                                                                     | 13         |        |          |         |
|                                                                               |            |                                                                                     | 14         |        |          |         |
|                                                                               |            |                                                                                     | 15         |        |          |         |
|                                                                               |            |                                                                                     | 16         |        |          |         |
|                                                                               |            |                                                                                     | 17         |        |          |         |
|                                                                               |            |                                                                                     | 18         |        |          |         |
|                                                                               |            |                                                                                     | 19         |        |          |         |
|                                                                               |            |                                                                                     | 20         |        |          |         |

boring  
diagramPP-04 (0.5'-1.5')  
1645No HNu  
responsePP-04 (14'-15')  
1710

Total Depth

bentonite  
backfill

General Notes:

CEC Project No.

P5156.1

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**DRILLING/BORING LOG No. PP-05**

Project: Short Stop 1, West Seattle

Date: 21 February 2011

Logged by: D. G. Coles, R.G.

Drill Rig: 6600 Geoprobe

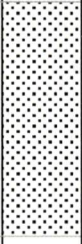
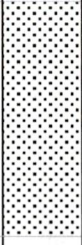
Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: ~12'

Drilling Co: Pacific Soil &amp; Water

TOC Elev: N/A

| Lithologic Description                                                         | USCS Class | Graphic Log                                                                         | Depth (ft) | Sample                                                                              | GW Depth                                                                             | Remarks                 |
|--------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------|
| asphalt                                                                        |            |    | 0          |                                                                                     |                                                                                      |                         |
| dark soil                                                                      |            |    | 1          |                                                                                     |                                                                                      |                         |
| stiff, med.-fine sand, brown with rounded clasts (fill)                        |            |    | 2          |                                                                                     |                                                                                      |                         |
| loose, brown, med.-fine sand with sed. structure                               | SW         |    | 3          |    |                                                                                      | PP-05 (3'-5')<br>1730   |
| N/R                                                                            |            |                                                                                     | 4          |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 5          |                                                                                     |                                                                                      |                         |
| banded tan-brown med. sand with small black lenses; sed. structure; med. stiff | SP         |   | 6          |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 7          |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 8          |                                                                                     |                                                                                      | No HNu response         |
| N/R                                                                            |            |                                                                                     | 9          |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 10         |                                                                                     |                                                                                      |                         |
| slightly stiff, brown, med. sand                                               | SP         |  | 11         |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 12         |  |  | PP-05 (14'-15')<br>1742 |
|                                                                                |            |                                                                                     | 13         |                                                                                     |                                                                                      |                         |
| N/R                                                                            |            |                                                                                     | 14         |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 15         |                                                                                     |                                                                                      | Total Depth             |
|                                                                                |            |                                                                                     | 16         |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 17         |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 18         |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 19         |                                                                                     |                                                                                      |                         |
|                                                                                |            |                                                                                     | 20         |                                                                                     |                                                                                      |                         |

boring diagram

bentonite backfill

**DRILLING/BORING LOG No. PP-06**

Project: Short Stop 1, West Seattle

Date: 22 February 2011

Logged by: D. G. Coles, R.G.

Drill Rig: 6600 Geoprobe

Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: ~16.5'

Drilling Co: Pacific Soil &amp; Water

TOC Elev: N/A

| Lithologic Description                   | USCS Class | Graphic Log                                                                         | Depth (ft) | Sample                                                                               | GW Depth | Remarks                 |
|------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------|----------|-------------------------|
| asphalt                                  |            |    | 0          |                                                                                      |          |                         |
| crushed rocks (fill)                     |            |    | 1          |                                                                                      |          |                         |
| loose, brown, well sorted med. sand      | SP         |    | 2          |                                                                                      |          |                         |
| N/R                                      |            |                                                                                     | 3          |                                                                                      |          |                         |
| N/R                                      |            |                                                                                     | 4          |                                                                                      |          |                         |
| sluff                                    |            |    | 5          |                                                                                      |          |                         |
| loose, brown, well sorted med. sand      | SP         |   | 6          |                                                                                      |          | No HNu response         |
|                                          |            |                                                                                     | 7          |    |          | PP-06 (6'-7')<br>0948   |
| N/R                                      |            |                                                                                     | 8          |                                                                                      |          |                         |
| sluff                                    |            |                                                                                     | 9          |                                                                                      |          |                         |
| sluff                                    |            |                                                                                     | 10         |                                                                                      |          |                         |
| loose, brown-gray, well sorted med. sand | SP         |  | 11         |                                                                                      |          |                         |
|                                          |            |                                                                                     | 12         |   |          | PP-06 (12'-13')<br>1015 |
|                                          |            |                                                                                     | 13         |                                                                                      |          |                         |
| sluff                                    |            |                                                                                     | 14         |                                                                                      |          |                         |
| sluff                                    |            |                                                                                     | 15         |                                                                                      |          |                         |
| brown med. sand with sed. structure      | SP         |  | 16         |  |          |                         |
|                                          |            |                                                                                     | 17         |                                                                                      |          | PP-06 (17'-18')<br>1008 |
| gray med. sand with strong gasoline odor | SP         |  | 18         |   |          | HNu: 250+ ppm           |
|                                          |            |                                                                                     | 19         |                                                                                      |          |                         |
| brown, med. sand                         | SP         |  | 20         |                                                                                      |          |                         |
|                                          |            |                                                                                     |            | Total Depth                                                                          |          |                         |

boring  
diagrambentonite  
backfill



**DRILLING/BORING LOG No. MW-6**

Project: Martin &amp; Wright Asphalt Plant

Date: 22 May 2006

Logged by: D. G. Coles, R.G.

Drill Rig: 6620 DT Geoprobe

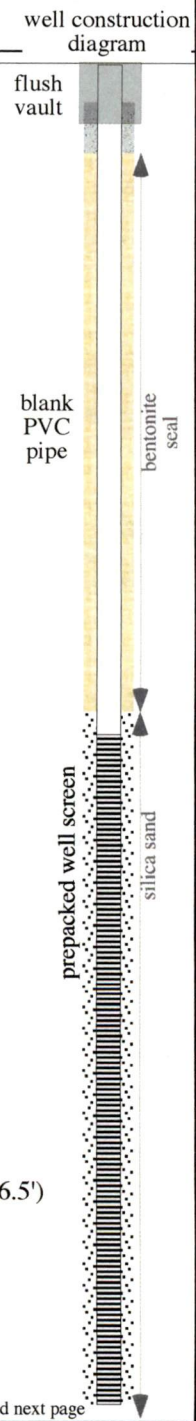
Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: ~12'

Drilling Co: Boart-Longyear

TOC Elev: N/A

| Lithologic Description                                          | USCS Class | Graphic Log                                                                         | Depth (ft) | Sample | GW Depth | Remarks                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------|------------|-------------------------------------------------------------------------------------|------------|--------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| asphalt                                                         |            |    | 0          |        |          |  <p>well construction diagram</p> <p>flush vault</p> <p>blank PVC pipe</p> <p>bentonite seal</p> <p>preppacked well screen</p> <p>silica sand</p> <p>No HNu response</p> <p>MW-06 (15.5'-16.5') 1145</p> <p>continued next page</p> |
| crushed rocks (fill)                                            |            |    | 1          |        |          |                                                                                                                                                                                                                                                                                                                         |
| sand with large cobbles (fill)                                  |            |    | 2          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 3          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 4          |        |          |                                                                                                                                                                                                                                                                                                                         |
| brown, med. dry sand; well sorted with some sed. structure      | SP         |    | 5          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 6          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 7          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 8          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 9          |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 10         |        |          |                                                                                                                                                                                                                                                                                                                         |
| sluff                                                           |            |                                                                                     | 11         |        |          |                                                                                                                                                                                                                                                                                                                         |
| brown-gray, med. dry sand; well sorted with some sed. structure | SP         |  | 12         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 13         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 14         |        |          |                                                                                                                                                                                                                                                                                                                         |
| sluff                                                           |            |                                                                                     | 15         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 16         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 17         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 18         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 19         |        |          |                                                                                                                                                                                                                                                                                                                         |
| N/R                                                             |            |                                                                                     | 20         |        |          |                                                                                                                                                                                                                                                                                                                         |
| saturated gray sand, minor silt                                 | SP         |  | 16         |        |          |                                                                                                                                                                                                                                                                                                                         |

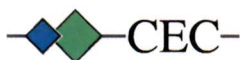
## General Notes:

Attempt at setting a two-inch well failed. Alternatively, set 3/4 inch well to 25 feet TD.

CEC Project No.

P6160.1

Page 1 of 2



**DRILLING/BORING LOG No. MW-6**

Project: Martin &amp; Wright Asphalt Plant

Date: 22 May 2006

Logged by: D. G. Coles, R.G.

Drill Rig: 6620 DT Geoprobe

Hole Dia: 2"

Sampler: D. G. Coles, R.G.

Initial GW Depth: ~12'

Drilling Co: Boart-Longyear

TOC Elev: N/A

| Lithologic Description                                               | USCS Class | Graphic Log                                                                       | Depth (ft)                      | Sample      | GW Depth | Remarks                                                                                                                                                             |
|----------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------|---------------------------------|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sat., med. sand; gray with localized 2-3 cm zones of stiff sand/silt |            |  | 20<br>21<br>2<br>23<br>24<br>25 |             |          | <div>continued from previous page</div> <div>  </div> <div>No HNu response</div> |
|                                                                      |            |                                                                                   | 25                              | Total Depth |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 26                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 27                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 28                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 29                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 30                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 31                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 32                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 33                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 34                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 35                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 36                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 37                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 38                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 39                              |             |          |                                                                                                                                                                     |
|                                                                      |            |                                                                                   | 40                              |             |          |                                                                                                                                                                     |

## General Notes:

Attempt at setting a two-inch well failed. Alternatively, set 3/4 inch well to 25 feet TD.

CEC Project No.

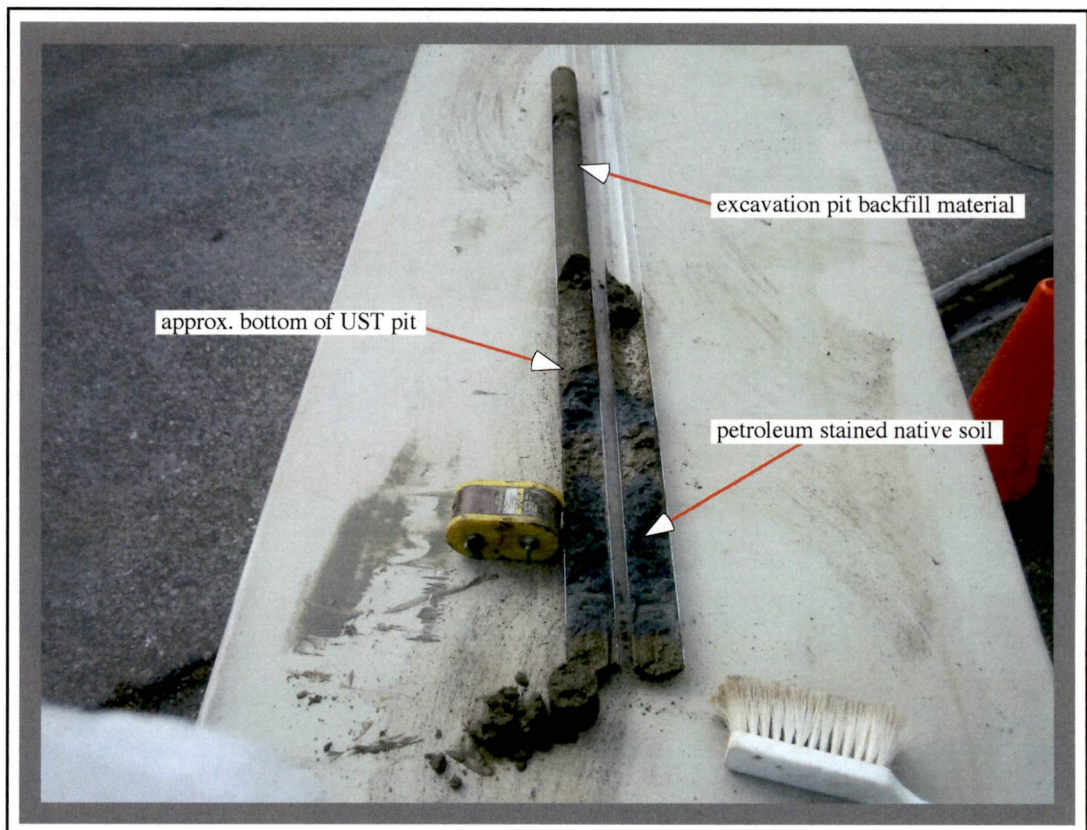
**P6160.1**

Page 2 of 2



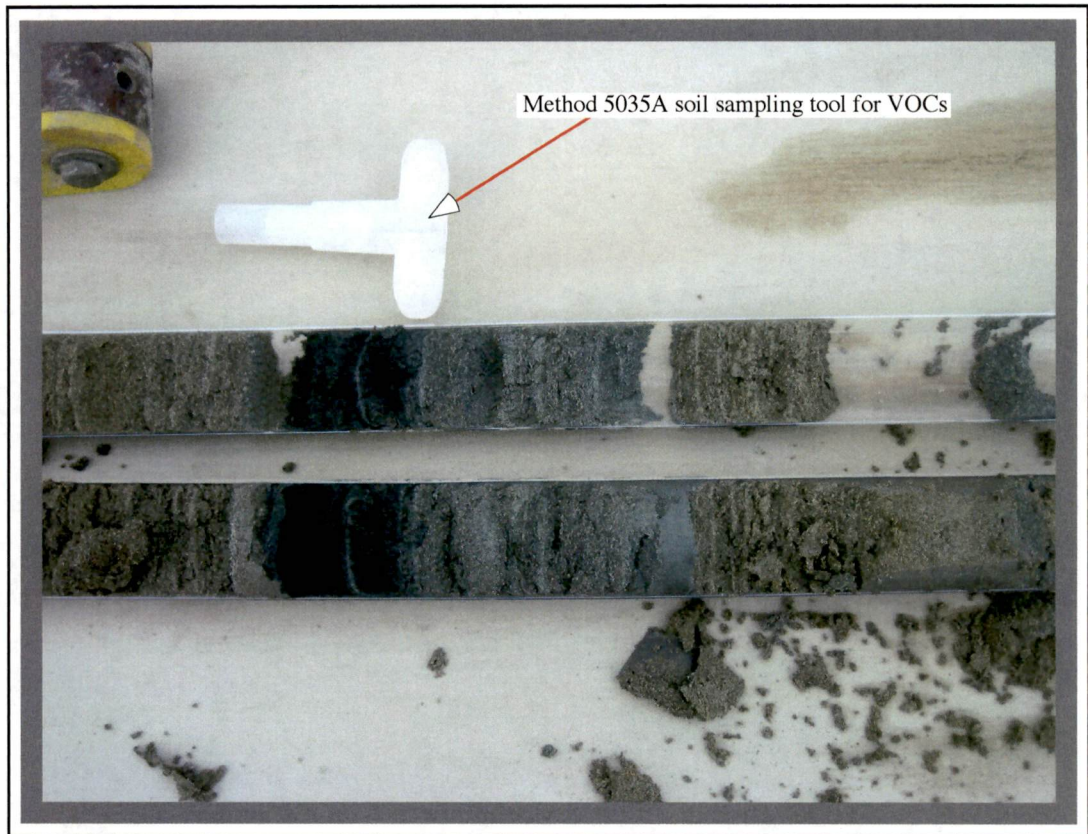


Photograph 1. This photograph shows Pacific Soil & Water installing push probe PP-1 at the upgradient location within the former UST excavation pit.

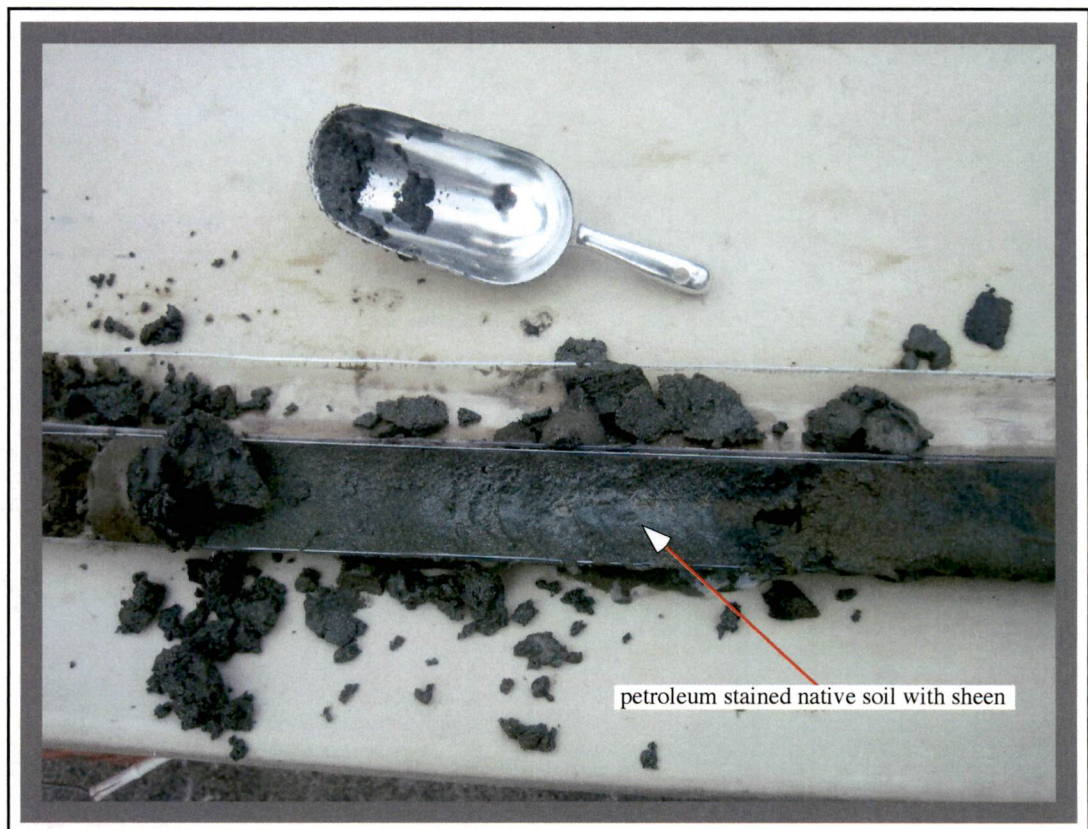


Photograph 2. This photograph shows the bottom core from PP-1. The core is in silty, sandy soil and stained with gasoline contamination (gray color).



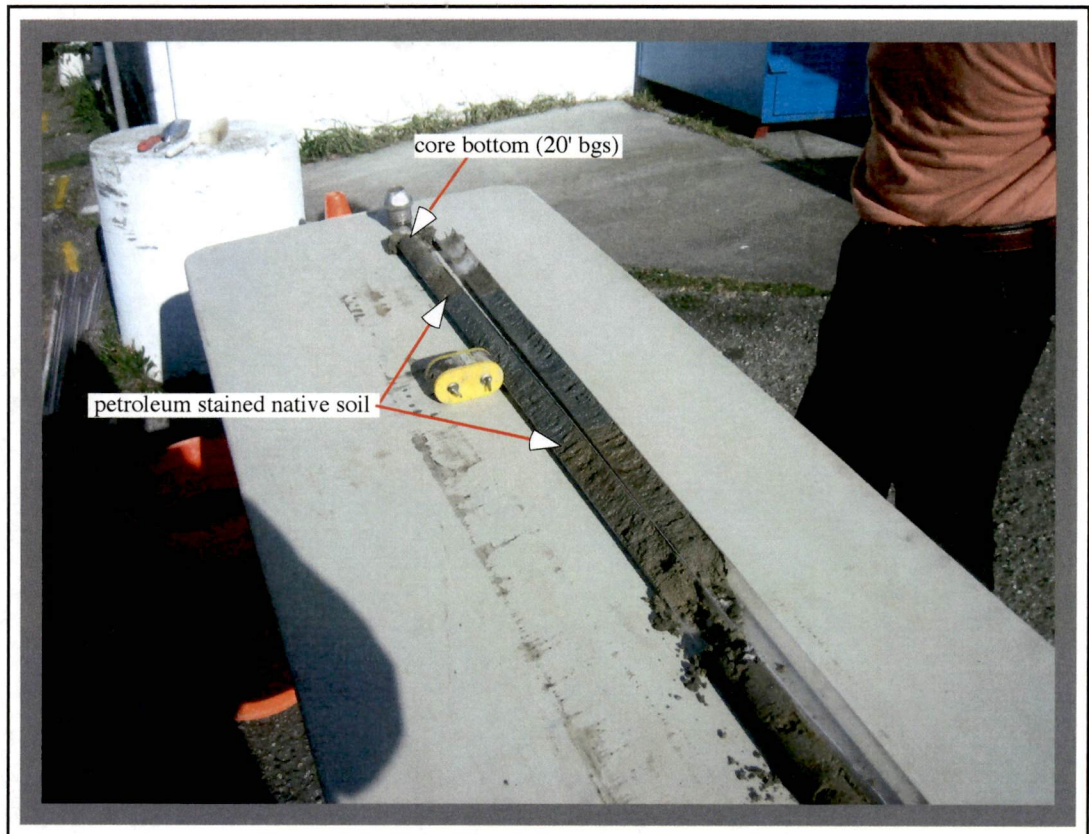


Photograph 3. This photograph shows a section of the core from PP-2, at a depth of 13-14' bgs. Fluvial structure can be seen along with dark petroleum staining.



Photograph 4. This photograph shows the bottom core from PP-3 (15-16'). The core is gray with petroleum staining. A gasoline sheen is apparent in this sandy section.





Photograph 5. This photograph shows the 15-20' core from PP-6. A section of the core (~17-18.5' bgs) shows dark petroleum staining between unstained sand (arrows).



Photograph 6. This photograph shows the installation of probe/monitoring well MW-6. The sewer "man hole" cover and arrow indicate the location of this main line.

# Apex Labs

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323 Phone  
503-718-0333 Fax

Friday, March 4, 2011

David Coles  
Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

RE: Short Stop Seattle / [none]

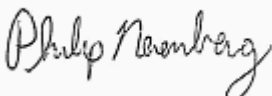
Enclosed are the results of analyses for work order A11B329, which was received by the laboratory on 2/23/2011 at 3:25:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [pnerenberg@apex-labs.com](mailto:pnerenberg@apex-labs.com), or by phone at 503-718-2323.

---

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---

Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**

Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

| Sample ID       | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------------|---------------|--------|----------------|----------------|
| PP-1(10.5-11.5) | A11B329-01    | Soil   | 02/21/11 14:45 | 02/13/11 15:25 |
| PP-1(13-14)     | A11B329-02    | Soil   | 02/21/11 14:46 | 02/13/11 15:25 |
| PP-2(13-14)     | A11B329-03    | Soil   | 02/21/11 15:12 | 02/13/11 15:25 |
| PP-2(14-15)     | A11B329-04    | Soil   | 02/21/11 15:15 | 02/13/11 15:25 |
| PP-3(1.5-2)     | A11B329-05    | Soil   | 02/21/11 15:25 | 02/13/11 15:25 |
| PP-3(8.5-9)     | A11B329-06    | Soil   | 02/21/11 15:33 | 02/13/11 15:25 |
| PP-3(15-16)     | A11B329-07    | Soil   | 02/21/11 16:02 | 02/13/11 15:25 |
| PP-3(19-20)     | A11B329-08    | Soil   | 02/21/11 16:08 | 02/13/11 15:25 |
| PP-4(0.5-1.5)   | A11B329-09    | Soil   | 02/21/11 16:45 | 02/13/11 15:25 |
| PP-4(12-13)     | A11B329-10    | Soil   | 02/21/11 17:10 | 02/13/11 15:25 |
| PP-5(3-4)       | A11B329-11    | Soil   | 02/21/11 17:30 | 02/13/11 15:25 |
| PP-5(12-13)     | A11B329-12    | Soil   | 02/21/11 17:42 | 02/13/11 15:25 |
| PP-6(6-7)       | A11B329-13    | Soil   | 02/22/11 09:48 | 02/13/11 15:25 |
| PP-6(12-13)     | A11B329-14    | Soil   | 02/22/11 10:15 | 02/13/11 15:25 |
| PP-6(17-18)     | A11B329-15    | Soil   | 02/22/11 10:08 | 02/13/11 15:25 |
| MW-6(15.5-16.5) | A11B329-16    | Soil   | 02/22/11 11:45 | 02/13/11 15:25 |
| TB              | A11B329-17    | Water  | 02/22/11 00:00 | 02/13/11 15:25 |

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 750 S. Rosemont Rd.  
 West Linn, OR 97068

Project: Short Stop Seattle  
 Project Number: [none]  
 Project Manager: David Coles

Reported:  
 03/04/11 10:49

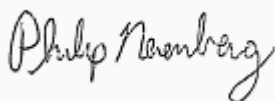
## ANALYTICAL SAMPLE RESULTS

### Gasoline Range Hydrocarbons (Benzene to Naphthalene) by NWTPH-Gx

| Analyte                               | Result | MDL | Reporting Limit     | Units            | Dilution              | Date Analyzed  | Method   | Notes |
|---------------------------------------|--------|-----|---------------------|------------------|-----------------------|----------------|----------|-------|
| <b>PP-1(10.5-11.5) (A11B329-01)</b>   |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |          |       |
| Gasoline Range Organics               | ND     | --- | 6.19                | mg/kg dry        | 50                    | 02/24/11 14:14 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 106 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 103 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-1(13-14) (A11B329-02)</b>       |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |          |       |
| Gasoline Range Organics               | 158    | --- | 13.1                | mg/kg dry        | 100                   | 02/24/11 20:56 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 137 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 127 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-2(13-14) (A11B329-03RE1)</b>    |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102434</b> |                |          |       |
| Gasoline Range Organics               | 1340   | --- | 250                 | mg/kg dry        | 2000                  | 02/25/11 14:00 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 130 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 119 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-2(14-15) (A11B329-04)</b>       |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |          |       |
| Gasoline Range Organics               | ND     | --- | 5.66                | mg/kg dry        | 50                    | 02/24/11 15:01 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 109 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 102 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-3(15-16) (A11B329-07RE1)</b>    |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102434</b> |                |          |       |
| Gasoline Range Organics               | 4990   | --- | 680                 | mg/kg dry        | 5000                  | 02/25/11 15:35 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 144 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 123 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-3(19-20) (A11B329-08)</b>       |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |          |       |
| Gasoline Range Organics               | ND     | --- | 6.06                | mg/kg dry        | 50                    | 02/24/11 16:12 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 109 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 103 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-4(12-13) (A11B329-10)</b>       |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |          |       |
| Gasoline Range Organics               | ND     | --- | 5.68                | mg/kg dry        | 50                    | 02/24/11 17:00 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 112 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 105 %               | Limits: 50-150 % | "                     | "              | "        |       |
| <b>PP-6(12-13) (A11B329-14)</b>       |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |          |       |
| Gasoline Range Organics               | ND     | --- | 5.77                | mg/kg dry        | 50                    | 02/24/11 18:34 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 118 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 107 %               | Limits: 50-150 % | "                     | "              | "        |       |

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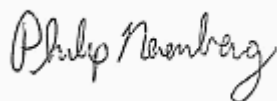
Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## ANALYTICAL SAMPLE RESULTS

## Gasoline Range Hydrocarbons (Benzene to Naphthalene) by NWTPH-Gx

| Analyte                               | Result | MDL | Reporting<br>Limit  | Units            | Dilution              | Date Analyzed  | Method   | Notes |
|---------------------------------------|--------|-----|---------------------|------------------|-----------------------|----------------|----------|-------|
| <b>PP-6(17-18) (A11B329-15RE2)</b>    |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102466</b> |                |          |       |
| Gasoline Range Organics               | 4130   | --- | 809                 | mg/kg dry        | 5000                  | 02/28/11 16:03 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 86 %      | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 98 %                | Limits: 50-150 % | "                     | "              | "        |       |
| <b>MW-6(15.5-16.5) (A11B329-16)</b>   |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102434</b> |                |          |       |
| Gasoline Range Organics               | ND     | --- | 6.35                | mg/kg dry        | 50                    | 02/25/11 14:48 | NWTPH-Gx |       |
| Surrogate: 4-Bromofluorobenzene (Sur) |        |     | Recovery: 134 %     | Limits: 50-150 % | 1                     | "              | "        |       |
| 1,4-Difluorobenzene (Sur)             |        |     | 114 %               | Limits: 50-150 % | "                     | "              | "        |       |

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West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

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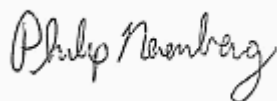
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                             | Result | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|-------------------------------------|--------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-1(10.5-11.5) (A11B329-01)</b> |        |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102426</b> |                |            |       |
| Acetone                             | ND     | --- | 1240                | ug/kg dry | 50                    | 02/24/11 14:14 | 5035/8260B |       |
| Benzene                             | ND     | --- | 15.5                | "         | "                     | "              | "          |       |
| Bromobenzene                        | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Bromochloromethane                  | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Bromodichloromethane                | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Bromoform                           | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| Bromomethane                        | ND     | --- | 310                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)                    | ND     | --- | 619                 | "         | "                     | "              | "          |       |
| n-Butylbenzene                      | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| sec-Butylbenzene                    | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| tert-Butylbenzene                   | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| Carbon tetrachloride                | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Chlorobenzene                       | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Chloroethane                        | ND     | --- | 619                 | "         | "                     | "              | "          |       |
| Chloroform                          | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| Chloromethane                       | ND     | --- | 310                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene                     | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene                     | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane         | ND     | --- | 310                 | "         | "                     | "              | "          |       |
| Dibromochloromethane                | ND     | --- | 124                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)             | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Dibromomethane                      | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene                 | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene                 | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene                 | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane             | ND     | --- | 124                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane                  | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)            | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene                  | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene              | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene            | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane                 | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane                 | ND     | --- | 31.0                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane                 | ND     | --- | 61.9                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene                 | ND     | --- | 61.9                | "         | "                     | "              | "          |       |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

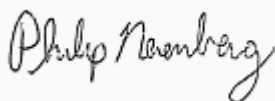
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-1(10.5-11.5) (A11B329-01)</b>           |             |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 31.0                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 124                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 619                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 619                 | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 310                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 124                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| Styrene                                       | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>575</b>  | ---                    | 31.0                | "                       | "        | "             | "          |       |
| Toluene                                       | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 310                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 310                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 61.9                | "                       | "        | "             | "          |       |
| <b>1,2,4-Trimethylbenzene</b>                 | <b>163</b>  | ---                    | 61.9                | "                       | "        | "             | "          |       |
| <b>1,3,5-Trimethylbenzene</b>                 | <b>68.1</b> | ---                    | 61.9                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 31.0                | "                       | "        | "             | "          |       |
| <b>m,p-Xylene</b>                             | <b>78.6</b> | ---                    | 61.9                | "                       | "        | "             | "          |       |
| <b>o-Xylene</b>                               | <b>33.4</b> | ---                    | 31.0                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 108 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>108 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>103 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>106 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

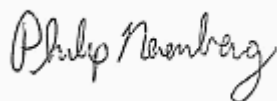
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                            | Result      | MDL | Reporting Limit     | Units                 | Dilution | Date Analyzed  | Method     | Notes |
|------------------------------------|-------------|-----|---------------------|-----------------------|----------|----------------|------------|-------|
| <b>PP-1(13-14) (A11B329-02RE1)</b> |             |     | <b>Matrix: Soil</b> | <b>Batch: 1102466</b> |          |                |            |       |
| Acetone                            | ND          | --- | 1310                | ug/kg dry             | 50       | 02/28/11 14:51 | 5035/8260B |       |
| Benzene                            | ND          | --- | 16.3                | "                     | "        | "              | "          |       |
| Bromobenzene                       | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Bromochloromethane                 | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Bromodichloromethane               | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Bromoform                          | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| Bromomethane                       | ND          | --- | 327                 | "                     | "        | "              | "          |       |
| 2-Butanone (MEK)                   | ND          | --- | 1330                | "                     | "        | "              | "          | R-01  |
| <b>n-Butylbenzene</b>              | <b>142</b>  | --- | 65.3                | "                     | "        | "              | "          |       |
| <b>sec-Butylbenzene</b>            | <b>87.5</b> | --- | 65.3                | "                     | "        | "              | "          |       |
| tert-Butylbenzene                  | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| Carbon tetrachloride               | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Chlorobenzene                      | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Chloroethane                       | ND          | --- | 653                 | "                     | "        | "              | "          |       |
| Chloroform                         | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| Chloromethane                      | ND          | --- | 327                 | "                     | "        | "              | "          |       |
| 2-Chlorotoluene                    | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| 4-Chlorotoluene                    | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| 1,2-Dibromo-3-chloropropane        | ND          | --- | 327                 | "                     | "        | "              | "          |       |
| Dibromochloromethane               | ND          | --- | 131                 | "                     | "        | "              | "          |       |
| 1,2-Dibromoethane (EDB)            | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Dibromomethane                     | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| 1,2-Dichlorobenzene                | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 1,3-Dichlorobenzene                | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 1,4-Dichlorobenzene                | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| Dichlorodifluoromethane            | ND          | --- | 131                 | "                     | "        | "              | "          |       |
| 1,1-Dichloroethane                 | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 1,2-Dichloroethane (EDC)           | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 1,1-Dichloroethene                 | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| cis-1,2-Dichloroethene             | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| trans-1,2-Dichloroethene           | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 1,2-Dichloropropane                | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 1,3-Dichloropropane                | ND          | --- | 32.7                | "                     | "        | "              | "          |       |
| 2,2-Dichloropropane                | ND          | --- | 65.3                | "                     | "        | "              | "          |       |
| 1,1-Dichloropropene                | ND          | --- | 65.3                | "                     | "        | "              | "          |       |

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750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle

Project Number: [none]

Project Manager: David Coles

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03/04/11 10:49

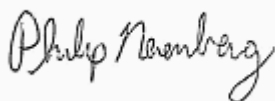
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-1(13-14) (A11B329-02RE1)</b>            |             |                        | <b>Matrix: Soil</b> | <b>Batch: 1102466</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 32.7                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 131                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 653                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 953                 | "                       | "        | "             | "          | R-01  |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 327                 | "                       | "        | "             | "          | ESTa  |
| Naphthalene                                   | ND          | ---                    | 131                 | "                       | "        | "             | "          |       |
| <b>n-Propylbenzene</b>                        | <b>38.5</b> | ---                    | 32.7                | "                       | "        | "             | "          |       |
| Styrene                                       | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| Tetrachloroethene (PCE)                       | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| <b>Toluene</b>                                | <b>65.3</b> | ---                    | 65.3                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 327                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 327                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 1160                | "                       | "        | "             | "          | R-01  |
| Trichloroethene (TCE)                         | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| <b>1,2,4-Trimethylbenzene</b>                 | <b>90.8</b> | ---                    | 65.3                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 65.3                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| <b>m,p-Xylene</b>                             | <b>112</b>  | ---                    | 65.3                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 32.7                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 101 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>100 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>113 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>108 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg, Lab Director

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Coles Environmental  
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West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

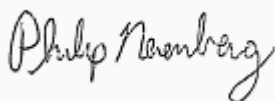
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                         | Result      | MDL | Reporting Limit     | Units                 | Dilution | Date Analyzed  | Method     | Notes |
|---------------------------------|-------------|-----|---------------------|-----------------------|----------|----------------|------------|-------|
| <b>PP-2(13-14) (A11B329-03)</b> |             |     | <b>Matrix: Soil</b> | <b>Batch: 1102426</b> |          |                |            |       |
| Acetone                         | ND          | --- | 2500                | ug/kg dry             | 100      | 02/24/11 22:06 | 5035/8260B |       |
| Benzene                         | ND          | --- | 31.3                | "                     | "        | "              | "          |       |
| Bromobenzene                    | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| Bromochloromethane              | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| Bromodichloromethane            | ND          | --- | 1600                | "                     | "        | "              | "          | R-01  |
| Bromoform                       | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| Bromomethane                    | ND          | --- | 625                 | "                     | "        | "              | "          |       |
| 2-Butanone (MEK)                | ND          | --- | 24400               | "                     | "        | "              | "          | R-01  |
| <b>n-Butylbenzene</b>           | <b>4070</b> | --- | 125                 | "                     | "        | "              | "          |       |
| <b>sec-Butylbenzene</b>         | <b>1700</b> | --- | 125                 | "                     | "        | "              | "          |       |
| tert-Butylbenzene               | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| Carbon tetrachloride            | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| Chlorobenzene                   | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| Chloroethane                    | ND          | --- | 1250                | "                     | "        | "              | "          |       |
| Chloroform                      | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| Chloromethane                   | ND          | --- | 625                 | "                     | "        | "              | "          |       |
| 2-Chlorotoluene                 | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| 4-Chlorotoluene                 | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| 1,2-Dibromo-3-chloropropane     | ND          | --- | 625                 | "                     | "        | "              | "          |       |
| Dibromochloromethane            | ND          | --- | 250                 | "                     | "        | "              | "          |       |
| 1,2-Dibromoethane (EDB)         | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| Dibromomethane                  | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| 1,2-Dichlorobenzene             | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 1,3-Dichlorobenzene             | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 1,4-Dichlorobenzene             | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| Dichlorodifluoromethane         | ND          | --- | 250                 | "                     | "        | "              | "          |       |
| 1,1-Dichloroethane              | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 1,2-Dichloroethane (EDC)        | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 1,1-Dichloroethene              | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| cis-1,2-Dichloroethene          | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| trans-1,2-Dichloroethene        | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 1,2-Dichloropropane             | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 1,3-Dichloropropane             | ND          | --- | 62.5                | "                     | "        | "              | "          |       |
| 2,2-Dichloropropane             | ND          | --- | 125                 | "                     | "        | "              | "          |       |
| 1,1-Dichloropropene             | ND          | --- | 125                 | "                     | "        | "              | "          |       |

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Coles Environmental  
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West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

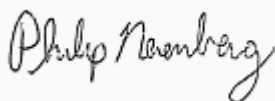
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-2(13-14) (A11B329-03)</b>               |             |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 62.5                | ug/kg dry               | 100      | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 62.5                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 250                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 1910                | "                       | "        | "             | "          | R-01  |
| Isopropylbenzene                              | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| <b>4-Isopropyltoluene</b>                     | <b>1180</b> | ---                    | 125                 | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 9500                | "                       | "        | "             | "          | R-01  |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 625                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 250                 | "                       | "        | "             | "          |       |
| <b>n-Propylbenzene</b>                        | <b>66.3</b> | ---                    | 62.5                | "                       | "        | "             | "          |       |
| Styrene                                       | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 62.5                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 500                 | "                       | "        | "             | "          | R-01  |
| <b>Tetrachloroethene (PCE)</b>                | <b>499</b>  | ---                    | 62.5                | "                       | "        | "             | "          |       |
| Toluene                                       | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 625                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 625                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 62.5                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 5000                | "                       | "        | "             | "          | R-01  |
| Trichloroethene (TCE)                         | ND          | ---                    | 62.5                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 62.5                | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND          | ---                    | 125                 | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 62.5                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 109 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>116 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>100 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>103 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

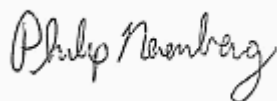
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                         | Result      | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|---------------------------------|-------------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-2(14-15) (A11B329-04)</b> |             |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102426</b> |                |            |       |
| Acetone                         | ND          | --- | 1130                | ug/kg dry | 50                    | 02/24/11 15:01 | 5035/8260B |       |
| Benzene                         | ND          | --- | 14.1                | "         | "                     | "              | "          |       |
| Bromobenzene                    | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Bromochloromethane              | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Bromodichloromethane            | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Bromoform                       | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| Bromomethane                    | ND          | --- | 283                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)                | ND          | --- | 566                 | "         | "                     | "              | "          |       |
| <b>n-Butylbenzene</b>           | <b>93.9</b> | --- | 56.6                | "         | "                     | "              | "          |       |
| sec-Butylbenzene                | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| tert-Butylbenzene               | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| Carbon tetrachloride            | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Chlorobenzene                   | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Chloroethane                    | ND          | --- | 566                 | "         | "                     | "              | "          |       |
| Chloroform                      | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| Chloromethane                   | ND          | --- | 283                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene                 | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene                 | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane     | ND          | --- | 283                 | "         | "                     | "              | "          |       |
| Dibromochloromethane            | ND          | --- | 113                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)         | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Dibromomethane                  | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene             | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene             | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene             | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane         | ND          | --- | 113                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane              | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)        | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene              | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene          | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene        | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane             | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane             | ND          | --- | 28.3                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane             | ND          | --- | 56.6                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene             | ND          | --- | 56.6                | "         | "                     | "              | "          |       |

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Philip Nerenberg, Lab Director

Page 11 of 81



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-2(14-15) (A11B329-04)</b>               |             |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 28.3                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 113                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 566                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 566                 | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 283                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 113                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| Styrene                                       | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>35.1</b> | ---                    | 28.3                | "                       | "        | "             | "          |       |
| Toluene                                       | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 283                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 283                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND          | ---                    | 56.6                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 28.3                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 107 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>110 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>103 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>104 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg

Philip Nerenberg, Lab Director

Coles Environmental  
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West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

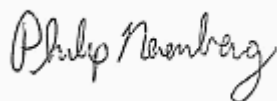
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                         | Result      | MDL | Reporting Limit     | Units                 | Dilution | Date Analyzed  | Method     | Notes |
|---------------------------------|-------------|-----|---------------------|-----------------------|----------|----------------|------------|-------|
| <b>PP-3(1.5-2) (A11B329-05)</b> |             |     | <b>Matrix: Soil</b> | <b>Batch: 1102426</b> |          |                |            |       |
| Acetone                         | ND          | --- | 1060                | ug/kg dry             | 50       | 02/24/11 15:25 | 5035/8260B |       |
| <b>Benzene</b>                  | <b>178</b>  | --- | 13.3                | "                     | "        | "              | "          |       |
| Bromobenzene                    | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Bromochloromethane              | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Bromodichloromethane            | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Bromoform                       | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| Bromomethane                    | ND          | --- | 265                 | "                     | "        | "              | "          |       |
| 2-Butanone (MEK)                | ND          | --- | 530                 | "                     | "        | "              | "          |       |
| n-Butylbenzene                  | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| sec-Butylbenzene                | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| tert-Butylbenzene               | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| Carbon tetrachloride            | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Chlorobenzene                   | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Chloroethane                    | ND          | --- | 530                 | "                     | "        | "              | "          |       |
| Chloroform                      | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| Chloromethane                   | ND          | --- | 265                 | "                     | "        | "              | "          |       |
| 2-Chlorotoluene                 | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| 4-Chlorotoluene                 | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| 1,2-Dibromo-3-chloropropane     | ND          | --- | 265                 | "                     | "        | "              | "          |       |
| Dibromochloromethane            | ND          | --- | 106                 | "                     | "        | "              | "          |       |
| 1,2-Dibromoethane (EDB)         | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Dibromomethane                  | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| 1,2-Dichlorobenzene             | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| 1,3-Dichlorobenzene             | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| 1,4-Dichlorobenzene             | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| Dichlorodifluoromethane         | ND          | --- | 106                 | "                     | "        | "              | "          |       |
| 1,1-Dichloroethane              | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| 1,2-Dichloroethane (EDC)        | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| 1,1-Dichloroethene              | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| <b>cis-1,2-Dichloroethene</b>   | <b>693</b>  | --- | 26.5                | "                     | "        | "              | "          |       |
| <b>trans-1,2-Dichloroethene</b> | <b>46.7</b> | --- | 26.5                | "                     | "        | "              | "          |       |
| 1,2-Dichloropropane             | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| 1,3-Dichloropropane             | ND          | --- | 26.5                | "                     | "        | "              | "          |       |
| 2,2-Dichloropropane             | ND          | --- | 53.0                | "                     | "        | "              | "          |       |
| 1,1-Dichloropropene             | ND          | --- | 53.0                | "                     | "        | "              | "          |       |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

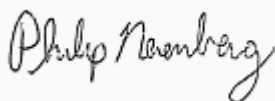
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution              | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|-----------------------|---------------|------------|-------|
| <b>PP-3(1.5-2) (A11B329-05)</b>               |             |                        | <b>Matrix: Soil</b> |                         | <b>Batch: 1102426</b> |               |            |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 26.5                | ug/kg dry               | 50                    | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 106                 | "                       | "                     | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 530                 | "                       | "                     | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 530                 | "                       | "                     | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 265                 | "                       | "                     | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 106                 | "                       | "                     | "             | "          |       |
| n-Propylbenzene                               | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| Styrene                                       | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| Toluene                                       | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 265                 | "                       | "                     | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 265                 | "                       | "                     | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| <b>Trichloroethene (TCE)</b>                  | <b>6750</b> | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| m,p-Xylene                                    | ND          | ---                    | 53.0                | "                       | "                     | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 26.5                | "                       | "                     | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 104 %</i> |                     | <i>Limits: 70-130 %</i> | 1                     | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>105 %</i>           |                     | <i>Limits: 70-130 %</i> | "                     | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>99 %</i>            |                     | <i>Limits: 70-130 %</i> | "                     | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>103 %</i>           |                     | <i>Limits: 70-130 %</i> | "                     | "             | "          |       |

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Coles Environmental  
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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

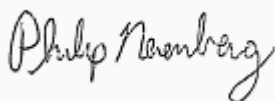
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result       | MDL | Reporting Limit       | Units                   | Dilution              | Date Analyzed  | Method     | Notes |
|-----------------------------------------------|--------------|-----|-----------------------|-------------------------|-----------------------|----------------|------------|-------|
| <b>PP-3(1.5-2) (A11B329-05RE1)</b>            |              |     | <b>Matrix: Soil</b>   |                         | <b>Batch: 1102466</b> |                |            |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>18300</b> | --- | 265                   | ug/kg dry               | 500                   | 02/28/11 15:15 | 5035/8260B |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |              |     | <i>Recovery: 99 %</i> | <i>Limits: 70-130 %</i> | 1                     | "              | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |              |     | <i>101 %</i>          | <i>Limits: 70-130 %</i> | "                     | "              | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |              |     | <i>102 %</i>          | <i>Limits: 70-130 %</i> | "                     | "              | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |              |     | <i>100 %</i>          | <i>Limits: 70-130 %</i> | "                     | "              | "          |       |
| <b>PP-3(8.5-9) (A11B329-06RE1)</b>            |              |     | <b>Matrix: Soil</b>   |                         | <b>Batch: 1102466</b> |                |            |       |
| Acetone                                       | ND           | --- | 1080                  | ug/kg dry               | 50                    | 02/28/11 14:27 | 5035/8260B |       |
| Benzene                                       | ND           | --- | 13.5                  | "                       | "                     | "              | "          |       |
| Bromobenzene                                  | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Bromochloromethane                            | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Bromodichloromethane                          | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Bromoform                                     | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| Bromomethane                                  | ND           | --- | 271                   | "                       | "                     | "              | "          |       |
| 2-Butanone (MEK)                              | ND           | --- | 542                   | "                       | "                     | "              | "          |       |
| n-Butylbenzene                                | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| sec-Butylbenzene                              | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| tert-Butylbenzene                             | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| Carbon tetrachloride                          | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Chlorobenzene                                 | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Chloroethane                                  | ND           | --- | 542                   | "                       | "                     | "              | "          |       |
| Chloroform                                    | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| Chloromethane                                 | ND           | --- | 271                   | "                       | "                     | "              | "          |       |
| 2-Chlorotoluene                               | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| 4-Chlorotoluene                               | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane                   | ND           | --- | 271                   | "                       | "                     | "              | "          |       |
| Dibromochloromethane                          | ND           | --- | 108                   | "                       | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)                       | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Dibromomethane                                | ND           | --- | 54.2                  | "                       | "                     | "              | "          |       |
| 1,2-Dichlorobenzene                           | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| 1,3-Dichlorobenzene                           | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| 1,4-Dichlorobenzene                           | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| Dichlorodifluoromethane                       | ND           | --- | 108                   | "                       | "                     | "              | "          |       |
| 1,1-Dichloroethane                            | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)                      | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |
| 1,1-Dichloroethene                            | ND           | --- | 27.1                  | "                       | "                     | "              | "          |       |

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Philip Nerenberg, Lab Director



**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

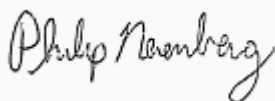
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                            | Result      | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed | Method     | Notes |
|------------------------------------|-------------|-----|---------------------|-----------|-----------------------|---------------|------------|-------|
| <b>PP-3(8.5-9) (A11B329-06RE1)</b> |             |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102466</b> |               |            |       |
| cis-1,2-Dichloroethene             | ND          | --- | 27.1                | ug/kg dry | 50                    | "             | 5035/8260B |       |
| trans-1,2-Dichloroethene           | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| 1,2-Dichloropropane                | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| 1,3-Dichloropropane                | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| 2,2-Dichloropropane                | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 1,1-Dichloropropene                | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| cis-1,3-Dichloropropene            | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| trans-1,3-Dichloropropene          | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| Ethylbenzene                       | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| Hexachlorobutadiene                | ND          | --- | 108                 | "         | "                     | "             | "          |       |
| 2-Hexanone                         | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| Isopropylbenzene                   | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 4-Isopropyltoluene                 | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)        | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| Methyl tert-butyl ether (MTBE)     | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| Methylene chloride                 | ND          | --- | 271                 | "         | "                     | "             | "          | ESTa  |
| Naphthalene                        | ND          | --- | 108                 | "         | "                     | "             | "          |       |
| n-Propylbenzene                    | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| Styrene                            | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 1,1,1,2-Tetrachloroethane          | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| 1,1,2,2-Tetrachloroethane          | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>     | <b>484</b>  | --- | 27.1                | "         | "                     | "             | "          |       |
| Toluene                            | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 1,2,3-Trichlorobenzene             | ND          | --- | 271                 | "         | "                     | "             | "          |       |
| 1,2,4-Trichlorobenzene             | ND          | --- | 271                 | "         | "                     | "             | "          |       |
| 1,1,1-Trichloroethane              | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| 1,1,2-Trichloroethane              | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| <b>Trichloroethene (TCE)</b>       | <b>31.9</b> | --- | 27.1                | "         | "                     | "             | "          |       |
| Trichlorofluoromethane             | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 1,2,3-Trichloropropane             | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 1,2,4-Trimethylbenzene             | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| 1,3,5-Trimethylbenzene             | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| Vinyl chloride                     | ND          | --- | 27.1                | "         | "                     | "             | "          |       |
| m,p-Xylene                         | ND          | --- | 54.2                | "         | "                     | "             | "          |       |
| o-Xylene                           | ND          | --- | 27.1                | "         | "                     | "             | "          |       |

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Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

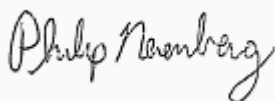
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                | Result | MDL | Reporting Limit     | Units            | Dilution              | Date Analyzed  | Method     | Notes |
|----------------------------------------|--------|-----|---------------------|------------------|-----------------------|----------------|------------|-------|
| <b>PP-3(8.5-9) (A11B329-06RE1)</b>     |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102466</b> |                |            |       |
| Surrogate: Dibromofluoromethane (Surr) |        |     | Recovery: 101 %     | Limits: 70-130 % | 1                     | "              | 5035/8260B |       |
| 1,4-Difluorobenzene (Surr)             |        |     | 100 %               | Limits: 70-130 % | "                     | "              | "          |       |
| Toluene-d8 (Surr)                      |        |     | 112 %               | Limits: 70-130 % | "                     | "              | "          |       |
| 4-Bromofluorobenzene (Surr)            |        |     | 106 %               | Limits: 70-130 % | "                     | "              | "          |       |
| <b>PP-3(15-16) (A11B329-07)</b>        |        |     | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |                |            |       |
| Acetone                                | ND     | --- | 13600               | ug/kg dry        | 500                   | 02/24/11 21:43 | 5035/8260B |       |
| Benzene                                | ND     | --- | 170                 | "                | "                     | "              | "          |       |
| Bromobenzene                           | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| Bromochloromethane                     | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| Bromodichloromethane                   | ND     | --- | 5440                | "                | "                     | "              | "          | R-01  |
| Bromoform                              | ND     | --- | 680                 | "                | "                     | "              | "          |       |
| Bromomethane                           | ND     | --- | 3400                | "                | "                     | "              | "          |       |
| 2-Butanone (MEK)                       | ND     | --- | 122000              | "                | "                     | "              | "          | R-01  |
| n-Butylbenzene                         | 32500  | --- | 680                 | "                | "                     | "              | "          |       |
| sec-Butylbenzene                       | 7900   | --- | 680                 | "                | "                     | "              | "          |       |
| tert-Butylbenzene                      | ND     | --- | 680                 | "                | "                     | "              | "          |       |
| Carbon tetrachloride                   | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| Chlorobenzene                          | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| Chloroethane                           | ND     | --- | 6800                | "                | "                     | "              | "          |       |
| Chloroform                             | ND     | --- | 680                 | "                | "                     | "              | "          |       |
| Chloromethane                          | ND     | --- | 3400                | "                | "                     | "              | "          |       |
| 2-Chlorotoluene                        | ND     | --- | 680                 | "                | "                     | "              | "          |       |
| 4-Chlorotoluene                        | ND     | --- | 680                 | "                | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane            | ND     | --- | 3400                | "                | "                     | "              | "          |       |
| Dibromochloromethane                   | ND     | --- | 1360                | "                | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)                | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| Dibromomethane                         | ND     | --- | 680                 | "                | "                     | "              | "          |       |
| 1,2-Dichlorobenzene                    | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| 1,3-Dichlorobenzene                    | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| 1,4-Dichlorobenzene                    | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| Dichlorodifluoromethane                | ND     | --- | 1360                | "                | "                     | "              | "          |       |
| 1,1-Dichloroethane                     | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)               | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| 1,1-Dichloroethene                     | ND     | --- | 340                 | "                | "                     | "              | "          |       |
| cis-1,2-Dichloroethene                 | ND     | --- | 340                 | "                | "                     | "              | "          |       |

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Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

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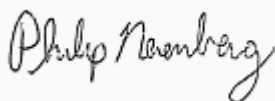
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                | Result       | MDL             | Reporting Limit     | Units            | Dilution              | Date Analyzed | Method     | Notes |
|----------------------------------------|--------------|-----------------|---------------------|------------------|-----------------------|---------------|------------|-------|
| <b>PP-3(15-16) (A11B329-07)</b>        |              |                 | <b>Matrix: Soil</b> |                  | <b>Batch: 1102426</b> |               |            |       |
| trans-1,2-Dichloroethene               | ND           | ---             | 340                 | ug/kg dry        | 500                   | "             | 5035/8260B |       |
| 1,2-Dichloropropane                    | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| 1,3-Dichloropropane                    | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| 2,2-Dichloropropane                    | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| 1,1-Dichloropropene                    | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| cis-1,3-Dichloropropene                | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| trans-1,3-Dichloropropene              | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| <b>Ethylbenzene</b>                    | <b>2840</b>  | ---             | 340                 | "                | "                     | "             | "          |       |
| Hexachlorobutadiene                    | ND           | ---             | 1360                | "                | "                     | "             | "          |       |
| 2-Hexanone                             | ND           | ---             | 6800                | "                | "                     | "             | "          |       |
| <b>Isopropylbenzene</b>                | <b>6420</b>  | ---             | 680                 | "                | "                     | "             | "          |       |
| <b>4-Isopropyltoluene</b>              | <b>7360</b>  | ---             | 680                 | "                | "                     | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)            | ND           | ---             | 16300               | "                | "                     | "             | "          | R-01  |
| Methyl tert-butyl ether (MTBE)         | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| Methylene chloride                     | ND           | ---             | 3400                | "                | "                     | "             | "          |       |
| <b>Naphthalene</b>                     | <b>2880</b>  | ---             | 1360                | "                | "                     | "             | "          |       |
| <b>n-Propylbenzene</b>                 | <b>41600</b> | ---             | 340                 | "                | "                     | "             | "          |       |
| Styrene                                | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| 1,1,1,2-Tetrachloroethane              | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| 1,1,2,2-Tetrachloroethane              | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| Tetrachloroethene (PCE)                | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| Toluene                                | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| 1,2,3-Trichlorobenzene                 | ND           | ---             | 3400                | "                | "                     | "             | "          |       |
| 1,2,4-Trichlorobenzene                 | ND           | ---             | 3400                | "                | "                     | "             | "          |       |
| 1,1,1-Trichloroethane                  | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| 1,1,2-Trichloroethane                  | ND           | ---             | 6250                | "                | "                     | "             | "          | R-01  |
| Trichloroethene (TCE)                  | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| Trichlorofluoromethane                 | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| 1,2,3-Trichloropropane                 | ND           | ---             | 680                 | "                | "                     | "             | "          |       |
| <b>1,2,4-Trimethylbenzene</b>          | <b>51700</b> | ---             | 680                 | "                | "                     | "             | "          |       |
| <b>1,3,5-Trimethylbenzene</b>          | <b>42600</b> | ---             | 680                 | "                | "                     | "             | "          |       |
| Vinyl chloride                         | ND           | ---             | 340                 | "                | "                     | "             | "          |       |
| <b>m,p-Xylene</b>                      | <b>3170</b>  | ---             | 680                 | "                | "                     | "             | "          |       |
| <b>o-Xylene</b>                        | <b>354</b>   | ---             | 340                 | "                | "                     | "             | "          |       |
| Surrogate: Dibromofluoromethane (Surr) |              | Recovery: 107 % |                     | Limits: 70-130 % |                       | 1             | "          | "     |

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Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

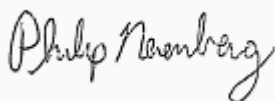
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                      | Result | MDL                 | Reporting Limit        | Units                   | Dilution | Date Analyzed  | Method     | Notes |
|----------------------------------------------|--------|---------------------|------------------------|-------------------------|----------|----------------|------------|-------|
| <b>PP-3(15-16) (A11B329-07)</b>              |        | <b>Matrix: Soil</b> |                        | <b>Batch: 1102426</b>   |          |                |            |       |
| <i>Surrogate: 1,4-Difluorobenzene (Surr)</i> |        |                     | <i>Recovery: 115 %</i> | <i>Limits: 70-130 %</i> | 1        | "              | 5035/8260B |       |
| <i>Toluene-d8 (Surr)</i>                     |        |                     | <i>96 %</i>            | <i>Limits: 70-130 %</i> | "        | "              | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>           |        |                     | <i>107 %</i>           | <i>Limits: 70-130 %</i> | "        | "              | "          |       |
| <b>PP-3(19-20) (A11B329-08)</b>              |        | <b>Matrix: Soil</b> |                        | <b>Batch: 1102426</b>   |          |                |            |       |
| Acetone                                      | ND     | ---                 | 1210                   | ug/kg dry               | 50       | 02/24/11 16:12 | 5035/8260B |       |
| Benzene                                      | ND     | ---                 | 15.1                   | "                       | "        | "              | "          |       |
| Bromobenzene                                 | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Bromochloromethane                           | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Bromodichloromethane                         | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Bromoform                                    | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| Bromomethane                                 | ND     | ---                 | 303                    | "                       | "        | "              | "          |       |
| 2-Butanone (MEK)                             | ND     | ---                 | 606                    | "                       | "        | "              | "          |       |
| n-Butylbenzene                               | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| sec-Butylbenzene                             | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| tert-Butylbenzene                            | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| Carbon tetrachloride                         | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Chlorobenzene                                | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Chloroethane                                 | ND     | ---                 | 606                    | "                       | "        | "              | "          |       |
| Chloroform                                   | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| Chloromethane                                | ND     | ---                 | 303                    | "                       | "        | "              | "          |       |
| 2-Chlorotoluene                              | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| 4-Chlorotoluene                              | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| 1,2-Dibromo-3-chloropropane                  | ND     | ---                 | 303                    | "                       | "        | "              | "          |       |
| Dibromochloromethane                         | ND     | ---                 | 121                    | "                       | "        | "              | "          |       |
| 1,2-Dibromoethane (EDB)                      | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Dibromomethane                               | ND     | ---                 | 60.6                   | "                       | "        | "              | "          |       |
| 1,2-Dichlorobenzene                          | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| 1,3-Dichlorobenzene                          | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| 1,4-Dichlorobenzene                          | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| Dichlorodifluoromethane                      | ND     | ---                 | 121                    | "                       | "        | "              | "          |       |
| 1,1-Dichloroethane                           | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| 1,2-Dichloroethane (EDC)                     | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| 1,1-Dichloroethene                           | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| cis-1,2-Dichloroethene                       | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |
| trans-1,2-Dichloroethene                     | ND     | ---                 | 30.3                   | "                       | "        | "              | "          |       |

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Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL | Reporting Limit        | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|--------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-3(19-20) (A11B329-08)</b>               |        |     | <b>Matrix: Soil</b>    | <b>Batch: 1102426</b>   |          |               |            |       |
| 1,2-Dichloropropane                           | ND     | --- | 30.3                   | ug/kg dry               | 50       | "             | 5035/8260B |       |
| 1,3-Dichloropropane                           | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| 2,2-Dichloropropane                           | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 1,1-Dichloropropene                           | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| cis-1,3-Dichloropropene                       | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| trans-1,3-Dichloropropene                     | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND     | --- | 121                    | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND     | --- | 606                    | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND     | --- | 606                    | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND     | --- | 303                    | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND     | --- | 121                    | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| Styrene                                       | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| Tetrachloroethene (PCE)                       | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| Toluene                                       | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND     | --- | 303                    | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND     | --- | 303                    | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND     | --- | 60.6                   | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND     | --- | 30.3                   | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |        |     | <i>Recovery: 109 %</i> | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |        |     | <i>108 %</i>           | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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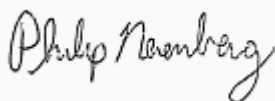
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                             | Result | MDL                 | Reporting Limit        | Units                   | Dilution | Date Analyzed  | Method     | Notes |
|-------------------------------------|--------|---------------------|------------------------|-------------------------|----------|----------------|------------|-------|
| <b>PP-3(19-20) (A11B329-08)</b>     |        | <b>Matrix: Soil</b> |                        | <b>Batch: 1102426</b>   |          |                |            |       |
| <i>Surrogate: Toluene-d8 (Surr)</i> |        |                     | <i>Recovery: 101 %</i> | <i>Limits: 70-130 %</i> | 1        | "              | 5035/8260B |       |
| <i>4-Bromofluorobenzene (Surr)</i>  |        |                     | <i>105 %</i>           | <i>Limits: 70-130 %</i> | "        | "              | "          |       |
| <b>PP-4(0.5-1.5) (A11B329-09)</b>   |        | <b>Matrix: Soil</b> |                        | <b>Batch: 1102426</b>   |          |                |            |       |
| Acetone                             | ND     | ---                 | 1020                   | ug/kg dry               | 50       | 02/24/11 16:36 | 5035/8260B |       |
| Benzene                             | ND     | ---                 | 12.8                   | "                       | "        | "              | "          |       |
| Bromobenzene                        | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Bromochloromethane                  | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Bromodichloromethane                | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Bromoform                           | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| Bromomethane                        | ND     | ---                 | 255                    | "                       | "        | "              | "          |       |
| 2-Butanone (MEK)                    | ND     | ---                 | 511                    | "                       | "        | "              | "          |       |
| n-Butylbenzene                      | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| sec-Butylbenzene                    | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| tert-Butylbenzene                   | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| Carbon tetrachloride                | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Chlorobenzene                       | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Chloroethane                        | ND     | ---                 | 511                    | "                       | "        | "              | "          |       |
| Chloroform                          | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| Chloromethane                       | ND     | ---                 | 255                    | "                       | "        | "              | "          |       |
| 2-Chlorotoluene                     | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| 4-Chlorotoluene                     | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| 1,2-Dibromo-3-chloropropane         | ND     | ---                 | 255                    | "                       | "        | "              | "          |       |
| Dibromochloromethane                | ND     | ---                 | 102                    | "                       | "        | "              | "          |       |
| 1,2-Dibromoethane (EDB)             | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Dibromomethane                      | ND     | ---                 | 51.1                   | "                       | "        | "              | "          |       |
| 1,2-Dichlorobenzene                 | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| 1,3-Dichlorobenzene                 | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| 1,4-Dichlorobenzene                 | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| Dichlorodifluoromethane             | ND     | ---                 | 102                    | "                       | "        | "              | "          |       |
| 1,1-Dichloroethane                  | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| 1,2-Dichloroethane (EDC)            | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| 1,1-Dichloroethene                  | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| cis-1,2-Dichloroethene              | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| trans-1,2-Dichloroethene            | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |
| 1,2-Dichloropropane                 | ND     | ---                 | 25.5                   | "                       | "        | "              | "          |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

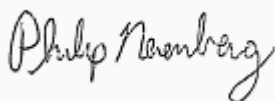
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-4(0.5-1.5) (A11B329-09)</b>             |             |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| 1,3-Dichloropropane                           | ND          | ---                    | 25.5                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| 2,2-Dichloropropane                           | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 1,1-Dichloropropene                           | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 102                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 511                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 511                 | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 255                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 102                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| Styrene                                       | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>4440</b> | ---                    | 25.5                | "                       | "        | "             | "          |       |
| Toluene                                       | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 255                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 255                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| <b>Trichloroethene (TCE)</b>                  | <b>31.2</b> | ---                    | 25.5                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND          | ---                    | 51.1                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 25.5                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 108 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>109 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>102 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

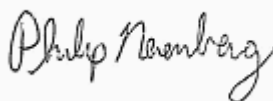
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL                    | Reporting Limit | Units                   | Dilution | Date Analyzed  | Method     | Notes      |
|-----------------------------------------------|--------|------------------------|-----------------|-------------------------|----------|----------------|------------|------------|
| <b>PP-4(0.5-1.5) (A11B329-09)</b>             |        | <b>Matrix: Soil</b>    |                 | <b>Batch: 1102426</b>   |          |                |            |            |
| <i>Surrogate: 4-Bromofluorobenzene (Surr)</i> |        | <i>Recovery: 105 %</i> |                 | <i>Limits: 70-130 %</i> |          | 1              | "          | 5035/8260B |
| <b>PP-4(12-13) (A11B329-10)</b>               |        | <b>Matrix: Soil</b>    |                 | <b>Batch: 1102426</b>   |          |                |            |            |
| Acetone                                       | ND     | ---                    | 1140            | ug/kg dry               | 50       | 02/24/11 17:00 | 5035/8260B |            |
| Benzene                                       | ND     | ---                    | 14.2            | "                       | "        | "              | "          |            |
| Bromobenzene                                  | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Bromochloromethane                            | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Bromodichloromethane                          | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Bromoform                                     | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| Bromomethane                                  | ND     | ---                    | 284             | "                       | "        | "              | "          |            |
| 2-Butanone (MEK)                              | ND     | ---                    | 568             | "                       | "        | "              | "          |            |
| n-Butylbenzene                                | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| sec-Butylbenzene                              | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| tert-Butylbenzene                             | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| Carbon tetrachloride                          | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Chlorobenzene                                 | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Chloroethane                                  | ND     | ---                    | 568             | "                       | "        | "              | "          |            |
| Chloroform                                    | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| Chloromethane                                 | ND     | ---                    | 284             | "                       | "        | "              | "          |            |
| 2-Chlorotoluene                               | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| 4-Chlorotoluene                               | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| 1,2-Dibromo-3-chloropropane                   | ND     | ---                    | 284             | "                       | "        | "              | "          |            |
| Dibromochloromethane                          | ND     | ---                    | 114             | "                       | "        | "              | "          |            |
| 1,2-Dibromoethane (EDB)                       | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Dibromomethane                                | ND     | ---                    | 56.8            | "                       | "        | "              | "          |            |
| 1,2-Dichlorobenzene                           | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| 1,3-Dichlorobenzene                           | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| 1,4-Dichlorobenzene                           | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| Dichlorodifluoromethane                       | ND     | ---                    | 114             | "                       | "        | "              | "          |            |
| 1,1-Dichloroethane                            | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| 1,2-Dichloroethane (EDC)                      | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| 1,1-Dichloroethene                            | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| cis-1,2-Dichloroethene                        | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| trans-1,2-Dichloroethene                      | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| 1,2-Dichloropropane                           | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |
| 1,3-Dichloropropane                           | ND     | ---                    | 28.4            | "                       | "        | "              | "          |            |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

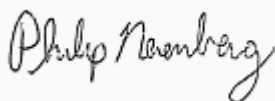
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution              | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|-----------------------|---------------|------------|-------|
| <b>PP-4(12-13) (A11B329-10)</b>               |             |                        | <b>Matrix: Soil</b> |                         | <b>Batch: 1102426</b> |               |            |       |
| 2,2-Dichloropropane                           | ND          | ---                    | 56.8                | ug/kg dry               | 50                    | "             | 5035/8260B |       |
| 1,1-Dichloropropene                           | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 114                 | "                       | "                     | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 284                 | "                       | "                     | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 114                 | "                       | "                     | "             | "          |       |
| n-Propylbenzene                               | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| Styrene                                       | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>558</b>  | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| Toluene                                       | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 284                 | "                       | "                     | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 284                 | "                       | "                     | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| <b>Trichloroethene (TCE)</b>                  | <b>48.2</b> | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| m,p-Xylene                                    | ND          | ---                    | 56.8                | "                       | "                     | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 28.4                | "                       | "                     | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 105 %</i> |                     | <i>Limits: 70-130 %</i> | 1                     | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>109 %</i>           |                     | <i>Limits: 70-130 %</i> | "                     | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>98 %</i>            |                     | <i>Limits: 70-130 %</i> | "                     | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>103 %</i>           |                     | <i>Limits: 70-130 %</i> | "                     | "             | "          |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

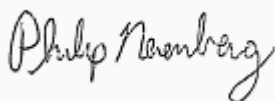
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                       | Result | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|-------------------------------|--------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-5(3-4) (A11B329-11)</b> |        |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102426</b> |                |            |       |
| Acetone                       | ND     | --- | 1250                | ug/kg dry | 50                    | 02/24/11 17:23 | 5035/8260B |       |
| Benzene                       | ND     | --- | 15.6                | "         | "                     | "              | "          |       |
| Bromobenzene                  | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Bromochloromethane            | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Bromodichloromethane          | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Bromoform                     | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| Bromomethane                  | ND     | --- | 312                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)              | ND     | --- | 623                 | "         | "                     | "              | "          |       |
| n-Butylbenzene                | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| sec-Butylbenzene              | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| tert-Butylbenzene             | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| Carbon tetrachloride          | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Chlorobenzene                 | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Chloroethane                  | ND     | --- | 623                 | "         | "                     | "              | "          |       |
| Chloroform                    | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| Chloromethane                 | ND     | --- | 312                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene               | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene               | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane   | ND     | --- | 312                 | "         | "                     | "              | "          |       |
| Dibromochloromethane          | ND     | --- | 125                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)       | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Dibromomethane                | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene           | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene           | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene           | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane       | ND     | --- | 125                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane            | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)      | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene            | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene        | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene      | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane           | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane           | ND     | --- | 31.2                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane           | ND     | --- | 62.3                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene           | ND     | --- | 62.3                | "         | "                     | "              | "          |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

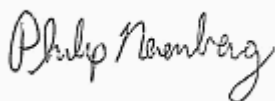
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result     | MDL | Reporting Limit        | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|------------|-----|------------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-5(3-4) (A11B329-11)</b>                 |            |     | <b>Matrix: Soil</b>    | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND         | --- | 31.2                   | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND         | --- | 125                    | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND         | --- | 623                    | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND         | --- | 623                    | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND         | --- | 312                    | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND         | --- | 125                    | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| Styrene                                       | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>150</b> | --- | 31.2                   | "                       | "        | "             | "          |       |
| Toluene                                       | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND         | --- | 312                    | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND         | --- | 312                    | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND         | --- | 62.3                   | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND         | --- | 31.2                   | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |            |     | <i>Recovery: 110 %</i> | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |            |     | <i>112 %</i>           | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |            |     | <i>100 %</i>           | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |            |     | <i>104 %</i>           | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg, Lab Director



**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

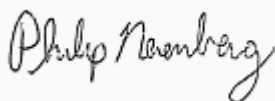
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                         | Result | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|---------------------------------|--------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-5(12-13) (A11B329-12)</b> |        |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102426</b> |                |            |       |
| Acetone                         | ND     | --- | 1300                | ug/kg dry | 50                    | 02/24/11 17:47 | 5035/8260B |       |
| Benzene                         | ND     | --- | 16.3                | "         | "                     | "              | "          |       |
| Bromobenzene                    | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Bromochloromethane              | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Bromodichloromethane            | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Bromoform                       | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| Bromomethane                    | ND     | --- | 325                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)                | ND     | --- | 650                 | "         | "                     | "              | "          |       |
| n-Butylbenzene                  | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| sec-Butylbenzene                | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| tert-Butylbenzene               | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| Carbon tetrachloride            | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Chlorobenzene                   | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Chloroethane                    | ND     | --- | 650                 | "         | "                     | "              | "          |       |
| Chloroform                      | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| Chloromethane                   | ND     | --- | 325                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene                 | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene                 | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane     | ND     | --- | 325                 | "         | "                     | "              | "          |       |
| Dibromochloromethane            | ND     | --- | 130                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)         | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Dibromomethane                  | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene             | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene             | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene             | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane         | ND     | --- | 130                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane              | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)        | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene              | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene          | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene        | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane             | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane             | ND     | --- | 32.5                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane             | ND     | --- | 65.0                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene             | ND     | --- | 65.0                | "         | "                     | "              | "          |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

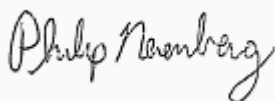
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result     | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-5(12-13) (A11B329-12)</b>               |            |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND         | ---                    | 32.5                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND         | ---                    | 130                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND         | ---                    | 650                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND         | ---                    | 650                 | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND         | ---                    | 325                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND         | ---                    | 130                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| Styrene                                       | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>482</b> | ---                    | 32.5                | "                       | "        | "             | "          |       |
| Toluene                                       | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND         | ---                    | 325                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND         | ---                    | 325                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND         | ---                    | 65.0                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND         | ---                    | 32.5                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |            | <i>Recovery: 108 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |            | <i>110 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |            | <i>100 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |            | <i>105 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

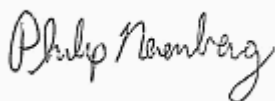
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                       | Result | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|-------------------------------|--------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-6(6-7) (A11B329-13)</b> |        |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102426</b> |                |            |       |
| Acetone                       | ND     | --- | 1160                | ug/kg dry | 50                    | 02/24/11 18:11 | 5035/8260B |       |
| Benzene                       | ND     | --- | 14.5                | "         | "                     | "              | "          |       |
| Bromobenzene                  | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Bromochloromethane            | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Bromodichloromethane          | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Bromoform                     | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| Bromomethane                  | ND     | --- | 291                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)              | ND     | --- | 581                 | "         | "                     | "              | "          |       |
| n-Butylbenzene                | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| sec-Butylbenzene              | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| tert-Butylbenzene             | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| Carbon tetrachloride          | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Chlorobenzene                 | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Chloroethane                  | ND     | --- | 581                 | "         | "                     | "              | "          |       |
| Chloroform                    | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| Chloromethane                 | ND     | --- | 291                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene               | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene               | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane   | ND     | --- | 291                 | "         | "                     | "              | "          |       |
| Dibromochloromethane          | ND     | --- | 116                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)       | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Dibromomethane                | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene           | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene           | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene           | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane       | ND     | --- | 116                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane            | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)      | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene            | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene        | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene      | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane           | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane           | ND     | --- | 29.1                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane           | ND     | --- | 58.1                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene           | ND     | --- | 58.1                | "         | "                     | "              | "          |       |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result     | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-6(6-7) (A11B329-13)</b>                 |            |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND         | ---                    | 29.1                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND         | ---                    | 116                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND         | ---                    | 116                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| Styrene                                       | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>300</b> | ---                    | 29.1                | "                       | "        | "             | "          |       |
| Toluene                                       | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND         | ---                    | 58.1                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND         | ---                    | 29.1                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |            | <i>Recovery: 107 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |            | <i>111 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |            | <i>96 %</i>            |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |            | <i>112 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg

Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

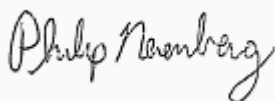
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                         | Result | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|---------------------------------|--------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-6(12-13) (A11B329-14)</b> |        |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102426</b> |                |            |       |
| Acetone                         | ND     | --- | 1150                | ug/kg dry | 50                    | 02/24/11 18:34 | 5035/8260B |       |
| Benzene                         | ND     | --- | 14.4                | "         | "                     | "              | "          |       |
| Bromobenzene                    | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Bromochloromethane              | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Bromodichloromethane            | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Bromoform                       | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| Bromomethane                    | ND     | --- | 289                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)                | ND     | --- | 577                 | "         | "                     | "              | "          |       |
| n-Butylbenzene                  | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| sec-Butylbenzene                | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| tert-Butylbenzene               | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| Carbon tetrachloride            | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Chlorobenzene                   | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Chloroethane                    | ND     | --- | 577                 | "         | "                     | "              | "          |       |
| Chloroform                      | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| Chloromethane                   | ND     | --- | 289                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene                 | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene                 | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane     | ND     | --- | 289                 | "         | "                     | "              | "          |       |
| Dibromochloromethane            | ND     | --- | 115                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)         | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Dibromomethane                  | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene             | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene             | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene             | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane         | ND     | --- | 115                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane              | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)        | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene              | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene          | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene        | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane             | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane             | ND     | --- | 28.9                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane             | ND     | --- | 57.7                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene             | ND     | --- | 57.7                | "         | "                     | "              | "          |       |

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West Linn, OR 97068

Project: Short Stop Seattle

Project Number: [none]

Project Manager: David Coles

Reported:  
03/04/11 10:49

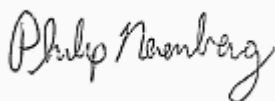
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result     | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-6(12-13) (A11B329-14)</b>               |            |                        | <b>Matrix: Soil</b> | <b>Batch: 1102426</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND         | ---                    | 28.9                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND         | ---                    | 115                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND         | ---                    | 577                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND         | ---                    | 577                 | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND         | ---                    | 289                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND         | ---                    | 115                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| Styrene                                       | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>274</b> | ---                    | 28.9                | "                       | "        | "             | "          |       |
| Toluene                                       | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND         | ---                    | 289                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND         | ---                    | 289                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 1,2,4-Trimethylbenzene                        | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| m,p-Xylene                                    | ND         | ---                    | 57.7                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND         | ---                    | 28.9                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |            | <i>Recovery: 109 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |            | <i>112 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |            | <i>98 %</i>            |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |            | <i>109 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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Philip Nerenberg, Lab Director



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750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

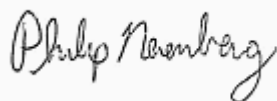
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                            | Result       | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|------------------------------------|--------------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>PP-6(17-18) (A11B329-15RE1)</b> |              |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102434</b> |                |            |       |
| Acetone                            | ND           | --- | 32400               | ug/kg dry | 1000                  | 02/25/11 15:59 | 5035/8260B |       |
| Benzene                            | ND           | --- | 405                 | "         | "                     | "              | "          |       |
| Bromobenzene                       | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| Bromochloromethane                 | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| Bromodichloromethane               | ND           | --- | 3240                | "         | "                     | "              | "          | R-01  |
| Bromoform                          | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| Bromomethane                       | ND           | --- | 8090                | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)                   | ND           | --- | 39600               | "         | "                     | "              | "          | R-01  |
| <b>n-Butylbenzene</b>              | <b>11200</b> | --- | 1620                | "         | "                     | "              | "          |       |
| <b>sec-Butylbenzene</b>            | <b>3820</b>  | --- | 1620                | "         | "                     | "              | "          |       |
| tert-Butylbenzene                  | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| Carbon tetrachloride               | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| Chlorobenzene                      | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| Chloroethane                       | ND           | --- | 16200               | "         | "                     | "              | "          |       |
| Chloroform                         | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| Chloromethane                      | ND           | --- | 8090                | "         | "                     | "              | "          |       |
| 2-Chlorotoluene                    | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene                    | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane        | ND           | --- | 8090                | "         | "                     | "              | "          |       |
| Dibromochloromethane               | ND           | --- | 3240                | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)            | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| Dibromomethane                     | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene                | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene                | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene                | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane            | ND           | --- | 3240                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane                 | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)           | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene                 | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene             | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene           | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane                | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane                | ND           | --- | 809                 | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane                | ND           | --- | 1620                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene                | ND           | --- | 1620                | "         | "                     | "              | "          |       |

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West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

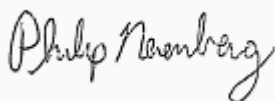
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result        | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|---------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>PP-6(17-18) (A11B329-15RE1)</b>            |               |                        | <b>Matrix: Soil</b> | <b>Batch: 1102434</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND            | ---                    | 809                 | ug/kg dry               | 1000     | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND            | ---                    | 1620                | "                       | "        | "             | "          |       |
| <b>Ethylbenzene</b>                           | <b>42200</b>  | ---                    | 809                 | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND            | ---                    | 3240                | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND            | ---                    | 16200               | "                       | "        | "             | "          |       |
| <b>Isopropylbenzene</b>                       | <b>8620</b>   | ---                    | 1620                | "                       | "        | "             | "          |       |
| <b>4-Isopropyltoluene</b>                     | <b>6070</b>   | ---                    | 1620                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND            | ---                    | 32800               | "                       | "        | "             | "          | R-01  |
| Methyl tert-butyl ether (MTBE)                | ND            | ---                    | 1620                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND            | ---                    | 8090                | "                       | "        | "             | "          |       |
| <b>Naphthalene</b>                            | <b>19100</b>  | ---                    | 3240                | "                       | "        | "             | "          |       |
| <b>n-Propylbenzene</b>                        | <b>35200</b>  | ---                    | 809                 | "                       | "        | "             | "          |       |
| Styrene                                       | ND            | ---                    | 1620                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND            | ---                    | 809                 | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND            | ---                    | 809                 | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>2940</b>   | ---                    | 809                 | "                       | "        | "             | "          |       |
| <b>Toluene</b>                                | <b>34800</b>  | ---                    | 1620                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND            | ---                    | 8090                | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND            | ---                    | 8090                | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND            | ---                    | 809                 | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND            | ---                    | 809                 | "                       | "        | "             | "          |       |
| Trichloroethene (TCE)                         | ND            | ---                    | 809                 | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND            | ---                    | 1620                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND            | ---                    | 1620                | "                       | "        | "             | "          |       |
| <b>1,2,4-Trimethylbenzene</b>                 | <b>179000</b> | ---                    | 1620                | "                       | "        | "             | "          |       |
| <b>1,3,5-Trimethylbenzene</b>                 | <b>58500</b>  | ---                    | 1620                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND            | ---                    | 809                 | "                       | "        | "             | "          |       |
| <b>m,p-Xylene</b>                             | <b>182000</b> | ---                    | 1620                | "                       | "        | "             | "          |       |
| <b>o-Xylene</b>                               | <b>43000</b>  | ---                    | 809                 | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |               | <i>Recovery: 121 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |               | <i>124 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |               | <i>93 %</i>            |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |               | <i>100 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

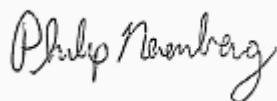
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                             | Result | MDL | Reporting Limit     | Units     | Dilution              | Date Analyzed  | Method     | Notes |
|-------------------------------------|--------|-----|---------------------|-----------|-----------------------|----------------|------------|-------|
| <b>MW-6(15.5-16.5) (A11B329-16)</b> |        |     | <b>Matrix: Soil</b> |           | <b>Batch: 1102434</b> |                |            |       |
| Acetone                             | ND     | --- | 1270                | ug/kg dry | 50                    | 02/25/11 14:48 | 5035/8260B |       |
| Benzene                             | ND     | --- | 15.9                | "         | "                     | "              | "          |       |
| Bromobenzene                        | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Bromochloromethane                  | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Bromodichloromethane                | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Bromoform                           | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| Bromomethane                        | ND     | --- | 317                 | "         | "                     | "              | "          |       |
| 2-Butanone (MEK)                    | ND     | --- | 635                 | "         | "                     | "              | "          |       |
| n-Butylbenzene                      | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| sec-Butylbenzene                    | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| tert-Butylbenzene                   | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| Carbon tetrachloride                | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Chlorobenzene                       | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Chloroethane                        | ND     | --- | 635                 | "         | "                     | "              | "          |       |
| Chloroform                          | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| Chloromethane                       | ND     | --- | 317                 | "         | "                     | "              | "          |       |
| 2-Chlorotoluene                     | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| 4-Chlorotoluene                     | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| 1,2-Dibromo-3-chloropropane         | ND     | --- | 317                 | "         | "                     | "              | "          |       |
| Dibromochloromethane                | ND     | --- | 127                 | "         | "                     | "              | "          |       |
| 1,2-Dibromoethane (EDB)             | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Dibromomethane                      | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| 1,2-Dichlorobenzene                 | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 1,3-Dichlorobenzene                 | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 1,4-Dichlorobenzene                 | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| Dichlorodifluoromethane             | ND     | --- | 127                 | "         | "                     | "              | "          |       |
| 1,1-Dichloroethane                  | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 1,2-Dichloroethane (EDC)            | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 1,1-Dichloroethene                  | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| cis-1,2-Dichloroethene              | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| trans-1,2-Dichloroethene            | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 1,2-Dichloropropane                 | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 1,3-Dichloropropane                 | ND     | --- | 31.7                | "         | "                     | "              | "          |       |
| 2,2-Dichloropropane                 | ND     | --- | 63.5                | "         | "                     | "              | "          |       |
| 1,1-Dichloropropene                 | ND     | --- | 63.5                | "         | "                     | "              | "          |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

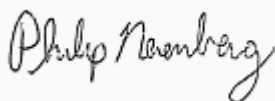
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit     | Units                   | Dilution | Date Analyzed | Method     | Notes |
|-----------------------------------------------|-------------|------------------------|---------------------|-------------------------|----------|---------------|------------|-------|
| <b>MW-6(15.5-16.5) (A11B329-16)</b>           |             |                        | <b>Matrix: Soil</b> | <b>Batch: 1102434</b>   |          |               |            |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 31.7                | ug/kg dry               | 50       | "             | 5035/8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| Ethylbenzene                                  | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| Hexachlorobutadiene                           | ND          | ---                    | 127                 | "                       | "        | "             | "          |       |
| 2-Hexanone                                    | ND          | ---                    | 635                 | "                       | "        | "             | "          |       |
| Isopropylbenzene                              | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 635                 | "                       | "        | "             | "          |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| Methylene chloride                            | ND          | ---                    | 317                 | "                       | "        | "             | "          |       |
| Naphthalene                                   | ND          | ---                    | 127                 | "                       | "        | "             | "          |       |
| n-Propylbenzene                               | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| Styrene                                       | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>381</b>  | ---                    | 31.7                | "                       | "        | "             | "          |       |
| Toluene                                       | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 317                 | "                       | "        | "             | "          |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 317                 | "                       | "        | "             | "          |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| <b>Trichloroethene (TCE)</b>                  | <b>40.0</b> | ---                    | 31.7                | "                       | "        | "             | "          |       |
| Trichlorofluoromethane                        | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| <b>1,2,4-Trimethylbenzene</b>                 | <b>100</b>  | ---                    | 63.5                | "                       | "        | "             | "          |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 63.5                | "                       | "        | "             | "          |       |
| Vinyl chloride                                | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| <b>m,p-Xylene</b>                             | <b>74.9</b> | ---                    | 63.5                | "                       | "        | "             | "          |       |
| o-Xylene                                      | ND          | ---                    | 31.7                | "                       | "        | "             | "          |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 118 %</i> |                     | <i>Limits: 70-130 %</i> | 1        | "             | "          |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>121 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>98 %</i>            |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>104 %</i>           |                     | <i>Limits: 70-130 %</i> | "        | "             | "          |       |

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West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

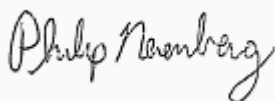
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result      | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|-------------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>TB (A11B329-17)</b>      |             |     | <b>Matrix: Water</b> |       | <b>Batch: 1102413</b> |                |           |       |
| Acetone                     | ND          | --- | 20.0                 | ug/L  | 1                     | 02/24/11 14:12 | EPA 8260B |       |
| Benzene                     | ND          | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND          | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND          | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND          | --- | 5.00                 | "     | "                     | "              | "         |       |
| <b>Chloroform</b>           | <b>1.36</b> | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND          | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND          | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND          | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND          | --- | 1.00                 | "     | "                     | "              | "         |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

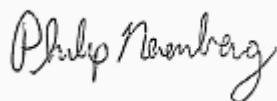
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                | Result | MDL | Reporting Limit      | Units            | Dilution              | Date Analyzed | Method    | Notes |
|----------------------------------------|--------|-----|----------------------|------------------|-----------------------|---------------|-----------|-------|
| <b>TB (A11B329-17)</b>                 |        |     | <b>Matrix: Water</b> |                  | <b>Batch: 1102413</b> |               |           |       |
| cis-1,3-Dichloropropene                | ND     | --- | 0.500                | ug/L             | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene              | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| Ethylbenzene                           | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Hexachlorobutadiene                    | ND     | --- | 5.00                 | "                | "                     | "             | "         |       |
| 2-Hexanone                             | ND     | --- | 10.0                 | "                | "                     | "             | "         |       |
| Isopropylbenzene                       | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 4-Isopropyltoluene                     | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)            | ND     | --- | 10.0                 | "                | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)         | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| Methylene chloride                     | ND     | --- | 5.00                 | "                | "                     | "             | "         |       |
| Naphthalene                            | ND     | --- | 2.00                 | "                | "                     | "             | "         |       |
| n-Propylbenzene                        | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Styrene                                | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane              | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane              | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Tetrachloroethene (PCE)                | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Toluene                                | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                 | ND     | --- | 2.00                 | "                | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                  | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                  | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Trichloroethene (TCE)                  | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Trichlorofluoromethane                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| Vinyl chloride                         | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| m,p-Xylene                             | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| o-Xylene                               | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Surrogate: Dibromofluoromethane (Surr) |        |     | Recovery: 103 %      | Limits: 80-120 % | "                     | "             | "         |       |
| 1,4-Difluorobenzene (Surr)             |        |     | 101 %                | Limits: 80-120 % | "                     | "             | "         |       |
| Toluene-d8 (Surr)                      |        |     | 98 %                 | Limits: 80-120 % | "                     | "             | "         |       |
| 4-Bromofluorobenzene (Surr)            |        |     | 113 %                | Limits: 80-120 % | "                     | "             | "         |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

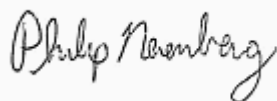
## ANALYTICAL SAMPLE RESULTS

## Percent Dry Weight

| Analyte                             | Result | MDL | Reporting Limit     | Units       | Dilution              | Date Analyzed  | Method   | Notes |
|-------------------------------------|--------|-----|---------------------|-------------|-----------------------|----------------|----------|-------|
| <b>PP-1(10.5-11.5) (A11B329-01)</b> |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 80.7   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-1(13-14) (A11B329-02)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 81.4   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-2(13-14) (A11B329-03)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 83.7   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-2(14-15) (A11B329-04)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 83.0   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-3(1.5-2) (A11B329-05)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 89.1   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-3(8.5-9) (A11B329-06)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 88.9   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-3(15-16) (A11B329-07)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 79.1   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-3(19-20) (A11B329-08)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 83.4   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-4(0.5-1.5) (A11B329-09)</b>   |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 91.1   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-4(12-13) (A11B329-10)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 91.1   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-5(3-4) (A11B329-11)</b>       |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 86.6   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-5(12-13) (A11B329-12)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 81.8   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-6(6-7) (A11B329-13)</b>       |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 91.4   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-6(12-13) (A11B329-14)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 93.1   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>PP-6(17-18) (A11B329-15)</b>     |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 81.9   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |
| <b>MW-6(15.5-16.5) (A11B329-16)</b> |        |     | <b>Matrix: Soil</b> |             | <b>Batch: 1102447</b> |                |          |       |
| % Solids                            | 82.8   | --- | 1.00                | % by Weight | 1                     | 02/26/11 10:38 | Apex SOP |       |

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|                                                                          |                                                                                              |                                    |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------|
| <b>Coles Environmental</b><br>750 S. Rosemont Rd.<br>West Linn, OR 97068 | Project: <b>Short Stop Seattle</b><br>Project Number: [none]<br>Project Manager: David Coles | <b>Reported:</b><br>03/04/11 10:49 |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------|

ANALYTICAL SAMPLE RESULTS

|                    |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|
| Percent Dry Weight |  |  |  |  |  |  |  |  |
|--------------------|--|--|--|--|--|--|--|--|

| Analyte | Result | MDL | Reporting<br>Limit | Units | Dilution | Date Analyzed | Method | Notes |
|---------|--------|-----|--------------------|-------|----------|---------------|--------|-------|
|---------|--------|-----|--------------------|-------|----------|---------------|--------|-------|

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Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Gasoline Range Hydrocarbons (Benzene to Naphthalene) by NWTPH-Gx

| Analyte                                        | Result | MDL             | Reporting Limit | Units            | Dil. | Spike Amount             | Source Result | %REC                     | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----------------|-----------------|------------------|------|--------------------------|---------------|--------------------------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                      |        |                 |                 |                  |      | Soil                     |               |                          |             |     |           |       |
| Blank (1102426-BLK1)                           |        |                 |                 |                  |      | Prepared: 02/24/11 11:43 |               | Analyzed: 02/24/11 13:02 |             |     |           |       |
| NWTPH-Gx                                       |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Gasoline Range Organics                        | ND     | ---             | 5.00            | mg/kg wet        | 50   | ---                      | ---           | ---                      | ---         | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur)               |        | Recovery: 106 % |                 | Limits: 50-150 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                      |        | 105 %           |                 | 50-150 %         |      | "                        |               |                          |             |     |           |       |
| LCS (1102426-BS2)                              |        |                 |                 |                  |      | Prepared: 02/24/11 11:43 |               | Analyzed: 02/24/11 12:38 |             |     |           |       |
| NWTPH-Gx                                       |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Gasoline Range Organics                        | 25.2   | ---             | 5.00            | mg/kg wet        | 50   | 25.0                     | ---           | 101                      | 70-130%     | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur)               |        | Recovery: 108 % |                 | Limits: 50-150 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                      |        | 105 %           |                 | 50-150 %         |      | "                        |               |                          |             |     |           |       |
| Duplicate (1102426-DUP1)                       |        |                 |                 |                  |      | Prepared: 02/24/11 11:43 |               | Analyzed: 02/24/11 14:37 |             |     |           |       |
| QC Source Sample: PP-1(10.5-11.5) (A11B329-01) |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| NWTPH-Gx                                       |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Gasoline Range Organics                        | ND     | ---             | 6.40            | mg/kg dry        | 50   | ---                      | 3.50          | ---                      | ---         | *** | 30%       |       |
| Surr: 4-Bromofluorobenzene (Sur)               |        | Recovery: 119 % |                 | Limits: 50-150 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                      |        | 103 %           |                 | 50-150 %         |      | "                        |               |                          |             |     |           |       |
| Duplicate (1102426-DUP2)                       |        |                 |                 |                  |      | Prepared: 02/24/11 11:43 |               | Analyzed: 02/24/11 21:19 |             |     |           |       |
| QC Source Sample: PP-1(13-14) (A11B329-02)     |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| NWTPH-Gx                                       |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Gasoline Range Organics                        | 384    | ---             | 12.9            | mg/kg dry        | 100  | ---                      | 158           | ---                      | ---         | 83  | 30%       | Q-04  |
| Surr: 4-Bromofluorobenzene (Sur)               |        | Recovery: 154 % |                 | Limits: 50-150 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                      |        | 116 %           |                 | 50-150 %         |      | "                        |               |                          |             |     |           |       |
| Batch 1102434 - EPA 5035A                      |        |                 |                 |                  |      | Soil                     |               |                          |             |     |           |       |
| Blank (1102434-BLK1)                           |        |                 |                 |                  |      | Prepared: 02/24/11 16:33 |               | Analyzed: 02/25/11 12:25 |             |     |           |       |
| NWTPH-Gx                                       |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Gasoline Range Organics                        | ND     | ---             | 5.00            | mg/kg wet        | 50   | ---                      | ---           | ---                      | ---         | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur)               |        | Recovery: 125 % |                 | Limits: 50-150 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                      |        | 112 %           |                 | 50-150 %         |      | "                        |               |                          |             |     |           |       |
| LCS (1102434-BS2)                              |        |                 |                 |                  |      | Prepared: 02/24/11 16:33 |               | Analyzed: 02/25/11 12:01 |             |     |           |       |
| NWTPH-Gx                                       |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Gasoline Range Organics                        | 27.8   | ---             | 5.00            | mg/kg wet        | 50   | 25.0                     | ---           | 111                      | 70-130%     | --- | ---       |       |

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Philip Nerenberg

Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

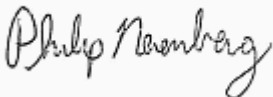
Reported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Gasoline Range Hydrocarbons (Benzene to Naphthalene) by NWTPH-Gx

| Analyte                                    | Result | MDL             | Reporting Limit | Units            | Dil.      | Spike Amount                                        | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----------------|-----------------|------------------|-----------|-----------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A                  |        |                 |                 |                  |           | Soil                                                |               |      |             |     |           |       |
| LCS (1102434-BS2)                          |        |                 |                 |                  |           | Prepared: 02/24/11 16:33   Analyzed: 02/25/11 12:01 |               |      |             |     |           |       |
| Surr: 4-Bromofluorobenzene (Sur)           |        | Recovery: 131 % |                 | Limits: 50-150 % |           | Dilution: 1x                                        |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                  |        | 115 %           |                 | 50-150 %         |           | "                                                   |               |      |             |     |           |       |
| Duplicate (1102434-DUP1)                   |        |                 |                 |                  |           | Prepared: 02/24/11 16:33   Analyzed: 02/25/11 13:12 |               |      |             |     |           |       |
| QC Source Sample: PP-6(17-18) (A11B329-15) |        |                 |                 |                  |           |                                                     |               |      |             |     |           |       |
| NWTPH-Gx                                   |        |                 |                 |                  |           |                                                     |               |      |             |     |           |       |
| Gasoline Range Organics                    |        | 6280            | ---             | 73.2             | mg/kg dry | 500                                                 | ---           | ND   | ---         | --- | 30%       | E     |
| Surr: 4-Bromofluorobenzene (Sur)           |        | Recovery: 171 % |                 | Limits: 50-150 % |           | Dilution: 1x                                        |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Sur)                  |        | 118 %           |                 | 50-150 %         |           | "                                                   |               |      |             |     |           |       |
| S-02                                       |        |                 |                 |                  |           |                                                     |               |      |             |     |           |       |

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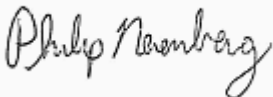
Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Gasoline Range Hydrocarbons (Benzene to Naphthalene) by NWTPH-Gx

| Analyte                          | Result | MDL            | Reporting Limit | Units            | Dil.                     | Spike Amount | Source Result            | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|----------------|-----------------|------------------|--------------------------|--------------|--------------------------|------|-------------|-----|-----------|-------|
| Batch 1102466 - EPA 5035A        |        |                |                 |                  |                          | Soil         |                          |      |             |     |           |       |
| Blank (1102466-BLK1)             |        |                |                 |                  | Prepared: 02/28/11 12:19 |              | Analyzed: 02/28/11 14:03 |      |             |     |           |       |
| NWTPH-Gx                         |        |                |                 |                  |                          |              |                          |      |             |     |           |       |
| Gasoline Range Organics          | ND     | ---            | 5.00            | mg/kg wet        | 50                       | ---          | ---                      | ---  | ---         | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur) |        | Recovery: 87 % |                 | Limits: 50-150 % |                          | Dilution: 1x |                          |      |             |     |           |       |
| 1,4-Difluorobenzene (Sur)        |        | 95 %           |                 | 50-150 %         |                          | "            |                          |      |             |     |           |       |
| LCS (1102466-BS2)                |        |                |                 |                  | Prepared: 02/28/11 12:19 |              | Analyzed: 02/28/11 13:39 |      |             |     |           |       |
| NWTPH-Gx                         |        |                |                 |                  |                          |              |                          |      |             |     |           |       |
| Gasoline Range Organics          | 20.6   | ---            | 5.00            | mg/kg wet        | 50                       | 25.0         | ---                      | 82   | 70-130%     | --- | ---       |       |
| Surr: 4-Bromofluorobenzene (Sur) |        | Recovery: 88 % |                 | Limits: 50-150 % |                          | Dilution: 1x |                          |      |             |     |           |       |
| 1,4-Difluorobenzene (Sur)        |        | 97 %           |                 | 50-150 %         |                          | "            |                          |      |             |     |           |       |

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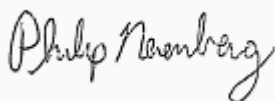
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Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount                                        | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-------|------|-----------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102413 - EPA 5030B   |        |     |                 |       |      | Water                                               |               |      |             |     |           |       |
| Blank (1102413-BLK1)        |        |     |                 |       |      | Prepared: 02/24/11 10:56   Analyzed: 02/24/11 13:47 |               |      |             |     |           |       |
| EPA 8260B                   |        |     |                 |       |      |                                                     |               |      |             |     |           |       |
| Acetone                     | ND     | --- | 20.0            | ug/L  | 1    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Benzene                     | ND     | --- | 0.250           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Bromobenzene                | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Bromochloromethane          | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Bromodichloromethane        | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Bromoform                   | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Bromomethane                | ND     | --- | 5.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| n-Butylbenzene              | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| sec-Butylbenzene            | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| tert-Butylbenzene           | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Carbon tetrachloride        | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Chlorobenzene               | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Chloroethane                | ND     | --- | 5.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Chloroform                  | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Chloromethane               | ND     | --- | 5.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 2-Chlorotoluene             | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 4-Chlorotoluene             | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Dibromochloromethane        | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Dibromomethane              | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500           | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00            | "     | "    | ---                                                 | ---           | ---  | ---         | --- | ---       |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                           | Result | MDL | Reporting Limit | Units            | Dil.         | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|-----------------|------------------|--------------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102413 - EPA 5030B</b>  |        |     |                 |                  |              | <b>Water</b>                                      |               |      |             |     |           |       |
| <b>Blank (1102413-BLK1)</b>       |        |     |                 |                  |              | Prepared: 02/24/11 10:56 Analyzed: 02/24/11 13:47 |               |      |             |     |           |       |
| 1,1-Dichloropropene               | ND     | --- | 1.00            | ug/L             | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| cis-1,3-Dichloropropene           | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| trans-1,3-Dichloropropene         | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Ethylbenzene                      | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Hexachlorobutadiene               | ND     | --- | 5.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Hexanone                        | ND     | --- | 10.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Isopropylbenzene                  | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Isopropyltoluene                | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)       | ND     | --- | 10.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)    | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methylene chloride                | ND     | --- | 5.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Naphthalene                       | ND     | --- | 2.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| n-Propylbenzene                   | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Styrene                           | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane         | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane         | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Tetrachloroethene (PCE)           | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Toluene                           | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichlorobenzene            | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trichlorobenzene            | ND     | --- | 2.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1-Trichloroethane             | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2-Trichloroethane             | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichloroethene (TCE)             | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichlorofluoromethane            | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichloropropane            | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trimethylbenzene            | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3,5-Trimethylbenzene            | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Vinyl chloride                    | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| m,p-Xylene                        | ND     | --- | 1.00            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| o-Xylene                          | ND     | --- | 0.500           | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr) |        |     | Recovery: 101 % | Limits: 80-120 % | Dilution: 1x |                                                   |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Surr)        |        |     | 100 %           | 80-120 %         | "            |                                                   |               |      |             |     |           |       |
| Toluene-d8 (Surr)                 |        |     | 98 %            | 80-120 %         | "            |                                                   |               |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)       |        |     | 108 %           | 80-120 %         | "            |                                                   |               |      |             |     |           |       |

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Philip Nerenberg

Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

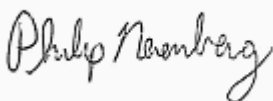
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102413 - EPA 5030B   |        |     |                 |       |      | Water                                                |               |      |             |     |           |       |
| LCS (1102413-BS1)           |        |     |                 |       |      | Prepared: 02/24/11 10:56    Analyzed: 02/24/11 12:56 |               |      |             |     |           |       |
| EPA 8260B                   |        |     |                 |       |      |                                                      |               |      |             |     |           |       |
| Acetone                     | 30.1   | --- | 20.0            | ug/L  | 1    | 40.0                                                 | ---           | 75   | 70-130%     | --- | ---       |       |
| Benzene                     | 19.2   | --- | 0.250           | "     | "    | 20.0                                                 | ---           | 96   | "           | --- | ---       |       |
| Bromobenzene                | 20.1   | --- | 0.500           | "     | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| Bromochloromethane          | 18.3   | --- | 0.500           | "     | "    | "                                                    | ---           | 92   | "           | --- | ---       |       |
| Bromodichloromethane        | 19.9   | --- | 0.500           | "     | "    | "                                                    | ---           | 100  | "           | --- | ---       |       |
| Bromoform                   | 22.3   | --- | 1.00            | "     | "    | "                                                    | ---           | 112  | "           | --- | ---       |       |
| Bromomethane                | 25.9   | --- | 5.00            | "     | "    | "                                                    | ---           | 130  | "           | --- | ---       |       |
| 2-Butanone (MEK)            | 35.9   | --- | 10.0            | "     | "    | 40.0                                                 | ---           | 90   | "           | --- | ---       |       |
| n-Butylbenzene              | 23.0   | --- | 1.00            | "     | "    | 20.0                                                 | ---           | 115  | "           | --- | ---       |       |
| sec-Butylbenzene            | 22.9   | --- | 1.00            | "     | "    | "                                                    | ---           | 114  | "           | --- | ---       |       |
| tert-Butylbenzene           | 24.8   | --- | 1.00            | "     | "    | "                                                    | ---           | 124  | "           | --- | ---       |       |
| Carbon tetrachloride        | 18.5   | --- | 0.500           | "     | "    | "                                                    | ---           | 92   | "           | --- | ---       |       |
| Chlorobenzene               | 21.6   | --- | 0.500           | "     | "    | "                                                    | ---           | 108  | "           | --- | ---       |       |
| Chloroethane                | 25.9   | --- | 5.00            | "     | "    | "                                                    | ---           | 130  | "           | --- | ---       | ESTb  |
| Chloroform                  | 19.3   | --- | 1.00            | "     | "    | "                                                    | ---           | 97   | "           | --- | ---       |       |
| Chloromethane               | 15.6   | --- | 5.00            | "     | "    | "                                                    | ---           | 78   | "           | --- | ---       |       |
| 2-Chlorotoluene             | 22.5   | --- | 1.00            | "     | "    | "                                                    | ---           | 112  | "           | --- | ---       |       |
| 4-Chlorotoluene             | 23.6   | --- | 1.00            | "     | "    | "                                                    | ---           | 118  | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | 21.2   | --- | 5.00            | "     | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| Dibromochloromethane        | 20.3   | --- | 1.00            | "     | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | 20.1   | --- | 0.500           | "     | "    | "                                                    | ---           | 100  | "           | --- | ---       |       |
| Dibromomethane              | 18.9   | --- | 1.00            | "     | "    | "                                                    | ---           | 94   | "           | --- | ---       |       |
| 1,2-Dichlorobenzene         | 21.2   | --- | 0.500           | "     | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| 1,3-Dichlorobenzene         | 20.2   | --- | 0.500           | "     | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| 1,4-Dichlorobenzene         | 20.7   | --- | 0.500           | "     | "    | "                                                    | ---           | 104  | "           | --- | ---       |       |
| Dichlorodifluoromethane     | 15.3   | --- | 1.00            | "     | "    | "                                                    | ---           | 77   | "           | --- | ---       |       |
| 1,1-Dichloroethane          | 18.4   | --- | 0.500           | "     | "    | "                                                    | ---           | 92   | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | 21.1   | --- | 0.500           | "     | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| 1,1-Dichloroethene          | 17.1   | --- | 0.500           | "     | "    | "                                                    | ---           | 86   | "           | --- | ---       |       |
| cis-1,2-Dichloroethene      | 18.1   | --- | 0.500           | "     | "    | "                                                    | ---           | 90   | "           | --- | ---       |       |
| trans-1,2-Dichloroethene    | 19.0   | --- | 0.500           | "     | "    | "                                                    | ---           | 95   | "           | --- | ---       |       |
| 1,2-Dichloropropane         | 16.9   | --- | 0.500           | "     | "    | "                                                    | ---           | 84   | "           | --- | ---       |       |
| 1,3-Dichloropropane         | 20.0   | --- | 1.00            | "     | "    | "                                                    | ---           | 100  | "           | --- | ---       |       |
| 2,2-Dichloropropane         | 20.8   | --- | 1.00            | "     | "    | "                                                    | ---           | 104  | "           | --- | ---       |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

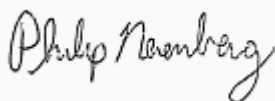
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                           | Result | MDL | Reporting Limit | Units            | Dil.         | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|-----------------|------------------|--------------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102413 - EPA 5030B</b>  |        |     |                 |                  |              | <b>Water</b>                                      |               |      |             |     |           |       |
| <b>LCS (1102413-BS1)</b>          |        |     |                 |                  |              | Prepared: 02/24/11 10:56 Analyzed: 02/24/11 12:56 |               |      |             |     |           |       |
| 1,1-Dichloropropene               | 19.9   | --- | 1.00            | ug/L             | "            | "                                                 | ---           | 100  | "           | --- | ---       |       |
| cis-1,3-Dichloropropene           | 20.8   | --- | 0.500           | "                | "            | "                                                 | ---           | 104  | "           | --- | ---       |       |
| trans-1,3-Dichloropropene         | 21.2   | --- | 1.00            | "                | "            | "                                                 | ---           | 106  | "           | --- | ---       |       |
| Ethylbenzene                      | 21.8   | --- | 0.500           | "                | "            | "                                                 | ---           | 109  | "           | --- | ---       |       |
| Hexachlorobutadiene               | 23.5   | --- | 5.00            | "                | "            | "                                                 | ---           | 118  | "           | --- | ---       |       |
| 2-Hexanone                        | 37.1   | --- | 10.0            | "                | "            | 40.0                                              | ---           | 93   | "           | --- | ---       |       |
| Isopropylbenzene                  | 22.9   | --- | 1.00            | "                | "            | 20.0                                              | ---           | 114  | "           | --- | ---       |       |
| 4-Isopropyltoluene                | 22.6   | --- | 1.00            | "                | "            | "                                                 | ---           | 113  | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)       | 38.5   | --- | 10.0            | "                | "            | 40.0                                              | ---           | 96   | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)    | 19.9   | --- | 1.00            | "                | "            | 20.0                                              | ---           | 99   | "           | --- | ---       |       |
| Methylene chloride                | 18.3   | --- | 5.00            | "                | "            | "                                                 | ---           | 91   | "           | --- | ---       |       |
| Naphthalene                       | 19.2   | --- | 2.00            | "                | "            | "                                                 | ---           | 96   | "           | --- | ---       |       |
| n-Propylbenzene                   | 22.8   | --- | 0.500           | "                | "            | "                                                 | ---           | 114  | "           | --- | ---       |       |
| Styrene                           | 21.3   | --- | 1.00            | "                | "            | "                                                 | ---           | 107  | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane         | 18.9   | --- | 0.500           | "                | "            | "                                                 | ---           | 95   | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane         | 21.6   | --- | 0.500           | "                | "            | "                                                 | ---           | 108  | "           | --- | ---       |       |
| Tetrachloroethene (PCE)           | 20.6   | --- | 0.500           | "                | "            | "                                                 | ---           | 103  | "           | --- | ---       |       |
| Toluene                           | 19.2   | --- | 1.00            | "                | "            | "                                                 | ---           | 96   | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene            | 22.5   | --- | 1.00            | "                | "            | "                                                 | ---           | 112  | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene            | 22.4   | --- | 2.00            | "                | "            | "                                                 | ---           | 112  | "           | --- | ---       |       |
| 1,1,1-Trichloroethane             | 18.4   | --- | 0.500           | "                | "            | "                                                 | ---           | 92   | "           | --- | ---       |       |
| 1,1,2-Trichloroethane             | 20.0   | --- | 0.500           | "                | "            | "                                                 | ---           | 100  | "           | --- | ---       |       |
| Trichloroethene (TCE)             | 18.7   | --- | 0.500           | "                | "            | "                                                 | ---           | 94   | "           | --- | ---       |       |
| Trichlorofluoromethane            | 27.7   | --- | 1.00            | "                | "            | "                                                 | ---           | 138  | "           | --- | ---       | Q-29  |
| 1,2,3-Trichloropropane            | 20.5   | --- | 1.00            | "                | "            | "                                                 | ---           | 103  | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene            | 24.6   | --- | 1.00            | "                | "            | "                                                 | ---           | 123  | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene            | 22.5   | --- | 1.00            | "                | "            | "                                                 | ---           | 113  | "           | --- | ---       |       |
| Vinyl chloride                    | 19.2   | --- | 0.500           | "                | "            | "                                                 | ---           | 96   | "           | --- | ---       |       |
| m,p-Xylene                        | 43.3   | --- | 1.00            | "                | "            | 40.0                                              | ---           | 108  | "           | --- | ---       |       |
| o-Xylene                          | 21.8   | --- | 0.500           | "                | "            | 20.0                                              | ---           | 109  | "           | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr) |        |     | Recovery: 97 %  | Limits: 80-120 % | Dilution: 1x |                                                   |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Surr)        |        |     | 98 %            | 80-120 %         | "            |                                                   |               |      |             |     |           |       |
| Toluene-d8 (Surr)                 |        |     | 104 %           | 80-120 %         | "            |                                                   |               |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)       |        |     | 105 %           | 80-120 %         | "            |                                                   |               |      |             |     |           |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

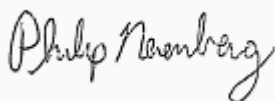
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-----------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A   |        |     |                 |           |      | Soil                                                 |               |      |             |     |           |       |
| Blank (1102426-BLK1)        |        |     |                 |           |      | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 13:02 |               |      |             |     |           |       |
| 5035/8260B                  |        |     |                 |           |      |                                                      |               |      |             |     |           |       |
| Acetone                     | ND     | --- | 1000            | ug/kg wet | 50   | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Benzene                     | ND     | --- | 12.5            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromobenzene                | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromochloromethane          | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromodichloromethane        | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromoform                   | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromomethane                | ND     | --- | 250             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2-Butanone (MEK)            | ND     | --- | 500             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| n-Butylbenzene              | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| sec-Butylbenzene            | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| tert-Butylbenzene           | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Carbon tetrachloride        | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chlorobenzene               | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloroethane                | ND     | --- | 500             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloroform                  | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloromethane               | ND     | --- | 250             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2-Chlorotoluene             | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 4-Chlorotoluene             | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 250             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dibromochloromethane        | ND     | --- | 100             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dibromomethane              | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,4-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dichlorodifluoromethane     | ND     | --- | 100             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethane          | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethene          | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| cis-1,2-Dichloroethene      | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| trans-1,2-Dichloroethene    | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloropropane         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichloropropane         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2,2-Dichloropropane         | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

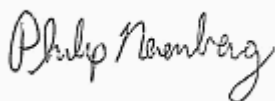
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                           | Result | MDL | Reporting Limit | Units            | Dil.         | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|-----------------|------------------|--------------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102426 - EPA 5035A</b>  |        |     |                 |                  |              | <b>Soil</b>                                       |               |      |             |     |           |       |
| <b>Blank (1102426-BLK1)</b>       |        |     |                 |                  |              | Prepared: 02/24/11 11:43 Analyzed: 02/24/11 13:02 |               |      |             |     |           |       |
| 1,1-Dichloropropene               | ND     | --- | 50.0            | ug/kg wet        | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| cis-1,3-Dichloropropene           | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| trans-1,3-Dichloropropene         | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Ethylbenzene                      | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Hexachlorobutadiene               | ND     | --- | 100             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Hexanone                        | ND     | --- | 500             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Isopropylbenzene                  | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Isopropyltoluene                | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)       | ND     | --- | 500             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)    | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methylene chloride                | ND     | --- | 250             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Naphthalene                       | ND     | --- | 100             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| n-Propylbenzene                   | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Styrene                           | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane         | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane         | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Tetrachloroethene (PCE)           | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Toluene                           | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichlorobenzene            | ND     | --- | 250             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trichlorobenzene            | ND     | --- | 250             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1-Trichloroethane             | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2-Trichloroethane             | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichloroethene (TCE)             | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichlorofluoromethane            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichloropropane            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trimethylbenzene            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3,5-Trimethylbenzene            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Vinyl chloride                    | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| m,p-Xylene                        | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| o-Xylene                          | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr) |        |     | Recovery: 108 % | Limits: 70-130 % | Dilution: 1x |                                                   |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Surr)        |        |     | 110 %           | 70-130 %         | "            |                                                   |               |      |             |     |           |       |
| Toluene-d8 (Surr)                 |        |     | 104 %           | 70-130 %         | "            |                                                   |               |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)       |        |     | 102 %           | 70-130 %         | "            |                                                   |               |      |             |     |           |       |

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**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

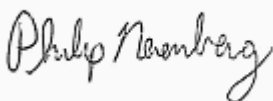
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-----------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A   |        |     |                 |           |      | Soil                                                 |               |      |             |     |           |       |
| LCS (1102426-BS1)           |        |     |                 |           |      | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 12:15 |               |      |             |     |           |       |
| 5035/8260B                  |        |     |                 |           |      |                                                      |               |      |             |     |           |       |
| Acetone                     | 2160   | --- | 1000            | ug/kg wet | 50   | 2000                                                 | ---           | 108  | 65-135%     | --- | ---       |       |
| Benzene                     | 1120   | --- | 12.5            | "         | "    | 1000                                                 | ---           | 112  | "           | --- | ---       |       |
| Bromobenzene                | 954    | --- | 25.0            | "         | "    | "                                                    | ---           | 95   | "           | --- | ---       |       |
| Bromochloromethane          | 1140   | --- | 25.0            | "         | "    | "                                                    | ---           | 114  | "           | --- | ---       |       |
| Bromodichloromethane        | 1130   | --- | 25.0            | "         | "    | "                                                    | ---           | 113  | "           | --- | ---       |       |
| Bromoform                   | 864    | --- | 50.0            | "         | "    | "                                                    | ---           | 86   | "           | --- | ---       |       |
| Bromomethane                | 1300   | --- | 250             | "         | "    | "                                                    | ---           | 130  | "           | --- | ---       |       |
| 2-Butanone (MEK)            | 2240   | --- | 500             | "         | "    | 2000                                                 | ---           | 112  | "           | --- | ---       |       |
| n-Butylbenzene              | 1110   | --- | 50.0            | "         | "    | 1000                                                 | ---           | 111  | "           | --- | ---       |       |
| sec-Butylbenzene            | 1060   | --- | 50.0            | "         | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| tert-Butylbenzene           | 1010   | --- | 50.0            | "         | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| Carbon tetrachloride        | 1130   | --- | 25.0            | "         | "    | "                                                    | ---           | 113  | "           | --- | ---       |       |
| Chlorobenzene               | 1010   | --- | 25.0            | "         | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| Chloroethane                | 1220   | --- | 500             | "         | "    | "                                                    | ---           | 122  | "           | --- | ---       |       |
| Chloroform                  | 1070   | --- | 50.0            | "         | "    | "                                                    | ---           | 107  | "           | --- | ---       |       |
| Chloromethane               | 1090   | --- | 250             | "         | "    | "                                                    | ---           | 109  | "           | --- | ---       |       |
| 2-Chlorotoluene             | 1030   | --- | 50.0            | "         | "    | "                                                    | ---           | 103  | "           | --- | ---       |       |
| 4-Chlorotoluene             | 1010   | --- | 50.0            | "         | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | 788    | --- | 250             | "         | "    | "                                                    | ---           | 79   | "           | --- | ---       |       |
| Dibromochloromethane        | 1060   | --- | 100             | "         | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | 1060   | --- | 25.0            | "         | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| Dibromomethane              | 1070   | --- | 50.0            | "         | "    | "                                                    | ---           | 107  | "           | --- | ---       |       |
| 1,2-Dichlorobenzene         | 1070   | --- | 25.0            | "         | "    | "                                                    | ---           | 107  | "           | --- | ---       |       |
| 1,3-Dichlorobenzene         | 1040   | --- | 25.0            | "         | "    | "                                                    | ---           | 104  | "           | --- | ---       |       |
| 1,4-Dichlorobenzene         | 1010   | --- | 25.0            | "         | "    | "                                                    | ---           | 101  | "           | --- | ---       |       |
| Dichlorodifluoromethane     | 914    | --- | 100             | "         | "    | "                                                    | ---           | 91   | "           | --- | ---       |       |
| 1,1-Dichloroethane          | 1080   | --- | 25.0            | "         | "    | "                                                    | ---           | 108  | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | 1020   | --- | 25.0            | "         | "    | "                                                    | ---           | 102  | "           | --- | ---       |       |
| 1,1-Dichloroethene          | 1070   | --- | 25.0            | "         | "    | "                                                    | ---           | 107  | "           | --- | ---       |       |
| cis-1,2-Dichloroethene      | 1060   | --- | 25.0            | "         | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |
| trans-1,2-Dichloroethene    | 1110   | --- | 25.0            | "         | "    | "                                                    | ---           | 111  | "           | --- | ---       |       |
| 1,2-Dichloropropane         | 1100   | --- | 25.0            | "         | "    | "                                                    | ---           | 110  | "           | --- | ---       |       |
| 1,3-Dichloropropane         | 982    | --- | 25.0            | "         | "    | "                                                    | ---           | 98   | "           | --- | ---       |       |
| 2,2-Dichloropropane         | 1060   | --- | 50.0            | "         | "    | "                                                    | ---           | 106  | "           | --- | ---       |       |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                          | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102426 - EPA 5035A</b> |        |     |                 |           |      | <b>Soil</b>                                       |               |      |             |     |           |       |
| <b>LCS (1102426-BS1)</b>         |        |     |                 |           |      | Prepared: 02/24/11 11:43 Analyzed: 02/24/11 12:15 |               |      |             |     |           |       |
| 1,1-Dichloropropene              | 1030   | --- | 50.0            | ug/kg wet | "    | "                                                 | ---           | 103  | "           | --- | ---       |       |
| cis-1,3-Dichloropropene          | 1050   | --- | 25.0            | "         | "    | "                                                 | ---           | 105  | "           | --- | ---       |       |
| trans-1,3-Dichloropropene        | 1030   | --- | 50.0            | "         | "    | "                                                 | ---           | 103  | "           | --- | ---       |       |
| Ethylbenzene                     | 926    | --- | 25.0            | "         | "    | "                                                 | ---           | 93   | "           | --- | ---       |       |
| Hexachlorobutadiene              | 1100   | --- | 100             | "         | "    | "                                                 | ---           | 110  | "           | --- | ---       |       |
| 2-Hexanone                       | 2130   | --- | 500             | "         | "    | 2000                                              | ---           | 106  | "           | --- | ---       |       |
| Isopropylbenzene                 | 1020   | --- | 50.0            | "         | "    | 1000                                              | ---           | 102  | "           | --- | ---       |       |
| 4-Isopropyltoluene               | 1050   | --- | 50.0            | "         | "    | "                                                 | ---           | 105  | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)      | 1940   | --- | 500             | "         | "    | 2000                                              | ---           | 97   | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)   | 894    | --- | 50.0            | "         | "    | 1000                                              | ---           | 89   | "           | --- | ---       |       |
| Methylene chloride               | 678    | --- | 250             | "         | "    | "                                                 | ---           | 68   | "           | --- | ---       |       |
| Naphthalene                      | 899    | --- | 100             | "         | "    | "                                                 | ---           | 90   | "           | --- | ---       |       |
| n-Propylbenzene                  | 1030   | --- | 25.0            | "         | "    | "                                                 | ---           | 103  | "           | --- | ---       |       |
| Styrene                          | 1060   | --- | 50.0            | "         | "    | "                                                 | ---           | 106  | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane        | 998    | --- | 25.0            | "         | "    | "                                                 | ---           | 100  | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane        | 948    | --- | 25.0            | "         | "    | "                                                 | ---           | 95   | "           | --- | ---       |       |
| Tetrachloroethene (PCE)          | 1080   | --- | 25.0            | "         | "    | "                                                 | ---           | 108  | "           | --- | ---       |       |
| Toluene                          | 996    | --- | 50.0            | "         | "    | "                                                 | ---           | 100  | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene           | 1090   | --- | 250             | "         | "    | "                                                 | ---           | 109  | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene           | 1020   | --- | 250             | "         | "    | "                                                 | ---           | 102  | "           | --- | ---       |       |
| 1,1,1-Trichloroethane            | 1080   | --- | 25.0            | "         | "    | "                                                 | ---           | 108  | "           | --- | ---       |       |
| 1,1,2-Trichloroethane            | 1000   | --- | 25.0            | "         | "    | "                                                 | ---           | 100  | "           | --- | ---       |       |
| Trichloroethene (TCE)            | 1160   | --- | 25.0            | "         | "    | "                                                 | ---           | 116  | "           | --- | ---       |       |
| Trichlorofluoromethane           | 1210   | --- | 50.0            | "         | "    | "                                                 | ---           | 121  | "           | --- | ---       |       |
| 1,2,3-Trichloropropane           | 960    | --- | 50.0            | "         | "    | "                                                 | ---           | 96   | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene           | 1040   | --- | 50.0            | "         | "    | "                                                 | ---           | 104  | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene           | 1020   | --- | 50.0            | "         | "    | "                                                 | ---           | 102  | "           | --- | ---       |       |
| Vinyl chloride                   | 1120   | --- | 25.0            | "         | "    | "                                                 | ---           | 112  | "           | --- | ---       |       |
| m,p-Xylene                       | 2130   | --- | 50.0            | "         | "    | 2000                                              | ---           | 106  | "           | --- | ---       |       |
| o-Xylene                         | 1030   | --- | 25.0            | "         | "    | 1000                                              | ---           | 103  | "           | --- | ---       |       |

Surr: Dibromofluoromethane (Surr)

Recovery: 109 %

Limits: 70-130 %

Dilution: 1x

1,4-Difluorobenzene (Surr)

107 %

70-130 %

"

Toluene-d8 (Surr)

104 %

70-130 %

"

4-Bromofluorobenzene (Surr)

107 %

70-130 %

"

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Philip Nerenberg, Lab Director

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750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

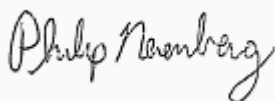
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                        | Result | MDL | Reporting Limit | Units                                                | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----|-----------------|------------------------------------------------------|------|--------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                      |        |     |                 |                                                      |      |              | Soil          |      |             |     |           |       |
| Duplicate (1102426-DUP1)                       |        |     |                 | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 14:37 |      |              |               |      |             |     |           |       |
| QC Source Sample: PP-1(10.5-11.5) (A11B329-01) |        |     |                 |                                                      |      |              |               |      |             |     |           |       |
| 5035/8260B                                     |        |     |                 |                                                      |      |              |               |      |             |     |           |       |
| Acetone                                        | ND     | --- | 1280            | ug/kg dry                                            | 50   | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Benzene                                        | ND     | --- | 16.0            | "                                                    | "    | ---          | 14.9          | ---  | ---         | *** | 30%       |       |
| Bromobenzene                                   | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Bromochloromethane                             | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Bromodichloromethane                           | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Bromoform                                      | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Bromomethane                                   | ND     | --- | 320             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 2-Butanone (MEK)                               | ND     | --- | 640             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| n-Butylbenzene                                 | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| sec-Butylbenzene                               | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| tert-Butylbenzene                              | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Carbon tetrachloride                           | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Chlorobenzene                                  | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Chloroethane                                   | ND     | --- | 640             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Chloroform                                     | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Chloromethane                                  | ND     | --- | 320             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 2-Chlorotoluene                                | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 4-Chlorotoluene                                | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dibromo-3-chloropropane                    | ND     | --- | 320             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Dibromochloromethane                           | ND     | --- | 128             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dibromoethane (EDB)                        | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Dibromomethane                                 | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dichlorobenzene                            | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,3-Dichlorobenzene                            | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,4-Dichlorobenzene                            | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Dichlorodifluoromethane                        | ND     | --- | 128             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,1-Dichloroethane                             | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dichloroethane (EDC)                       | ND     | --- | 32.0            | "                                                    | "    | ---          | 21.7          | ---  | ---         | *** | 30%       |       |
| 1,1-Dichloroethene                             | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| cis-1,2-Dichloroethene                         | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| trans-1,2-Dichloroethene                       | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dichloropropane                            | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,3-Dichloropropane                            | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |

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West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                        | Result | MDL | Reporting Limit | Units                                                | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----|-----------------|------------------------------------------------------|------|--------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                      |        |     |                 |                                                      |      | Soil         |               |      |             |     |           |       |
| Duplicate (1102426-DUP1)                       |        |     |                 | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 14:37 |      |              |               |      |             |     |           |       |
| QC Source Sample: PP-1(10.5-11.5) (A11B329-01) |        |     |                 |                                                      |      |              |               |      |             |     |           |       |
| 2,2-Dichloropropane                            | ND     | --- | 64.0            | ug/kg dry                                            | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,1-Dichloropropene                            | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| cis-1,3-Dichloropropene                        | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| trans-1,3-Dichloropropene                      | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Ethylbenzene                                   | ND     | --- | 32.0            | "                                                    | "    | ---          | 19.2          | ---  | ---         | *** | 30%       |       |
| Hexachlorobutadiene                            | ND     | --- | 128             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 2-Hexanone                                     | ND     | --- | 640             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Isopropylbenzene                               | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 4-Isopropyltoluene                             | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 4-Methyl-2-pentanone (MiBK)                    | ND     | --- | 640             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Methyl tert-butyl ether (MTBE)                 | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Methylene chloride                             | ND     | --- | 320             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Naphthalene                                    | ND     | --- | 128             | "                                                    | "    | ---          | 108           | ---  | ---         | *** | 30%       |       |
| n-Propylbenzene                                | ND     | --- | 32.0            | "                                                    | "    | ---          | 20.4          | ---  | ---         | *** | 30%       |       |
| Styrene                                        | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,1,1,2-Tetrachloroethane                      | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,1,2,2-Tetrachloroethane                      | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Tetrachloroethene (PCE)                        | ND     | --- | 32.0            | "                                                    | "    | ---          | 575           | ---  | ---         | *** | 30%       |       |
| Toluene                                        | ND     | --- | 64.0            | "                                                    | "    | ---          | 52.0          | ---  | ---         | *** | 30%       |       |
| 1,2,3-Trichlorobenzene                         | ND     | --- | 320             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2,4-Trichlorobenzene                         | ND     | --- | 320             | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,1,1-Trichloroethane                          | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,1,2-Trichloroethane                          | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Trichloroethene (TCE)                          | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| Trichlorofluoromethane                         | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2,3-Trichloropropane                         | ND     | --- | 64.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| 1,2,4-Trimethylbenzene                         | ND     | --- | 64.0            | "                                                    | "    | ---          | 163           | ---  | ---         | *** | 30%       |       |
| 1,3,5-Trimethylbenzene                         | ND     | --- | 64.0            | "                                                    | "    | ---          | 68.1          | ---  | ---         | *** | 30%       |       |
| Vinyl chloride                                 | ND     | --- | 32.0            | "                                                    | "    | ---          | ND            | ---  | ---         | --- | 30%       |       |
| m,p-Xylene                                     | ND     | --- | 64.0            | "                                                    | "    | ---          | 78.6          | ---  | ---         | *** | 30%       |       |
| o-Xylene                                       | ND     | --- | 32.0            | "                                                    | "    | ---          | 33.4          | ---  | ---         | *** | 30%       |       |

Surr: Dibromofluoromethane (Surr)  
1,4-Difluorobenzene (Surr)

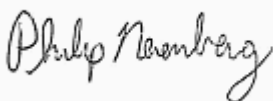
Recovery: 112 %  
108 %

Limits: 70-130 %  
70-130 %

Dilution: 1x  
"

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

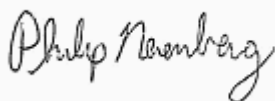
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                        | Result | MDL | Reporting Limit | Units     | Dil.             | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----|-----------------|-----------|------------------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                      |        |     |                 |           |                  | Soil                                                 |               |      |             |     |           |       |
| Duplicate (1102426-DUP1)                       |        |     |                 |           |                  | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 14:37 |               |      |             |     |           |       |
| QC Source Sample: PP-1(10.5-11.5) (A11B329-01) |        |     |                 |           |                  |                                                      |               |      |             |     |           |       |
| Surr: Toluene-d8 (Surr)                        |        |     | Recovery: 93 %  |           | Limits: 70-130 % |                                                      | Dilution: 1x  |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)                    |        |     | 107 %           |           | 70-130 %         |                                                      | "             |      |             |     |           |       |
| Duplicate (1102426-DUP2)                       |        |     |                 |           |                  | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 21:19 |               |      |             |     |           |       |
| QC Source Sample: PP-1(13-14) (A11B329-02)     |        |     |                 |           |                  |                                                      |               |      |             |     |           |       |
| 5035/8260B                                     |        |     |                 |           |                  |                                                      |               |      |             |     |           |       |
| Acetone                                        | ND     | --- | 2570            | ug/kg dry | 100              | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Benzene                                        | ND     | --- | 32.1            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Bromobenzene                                   | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Bromochloromethane                             | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Bromodichloromethane                           | ND     | --- | 617             | "         | "                | ---                                                  | 257           | ---  | ---         | *** | 30%       | R-01  |
| Bromoform                                      | ND     | --- | 129             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Bromomethane                                   | ND     | --- | 643             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 2-Butanone (MEK)                               | ND     | --- | 5270            | "         | "                | ---                                                  | 1880          | ---  | ---         | *** | 30%       | R-01  |
| n-Butylbenzene                                 | 294    | --- | 129             | "         | "                | ---                                                  | 112           | ---  | ---         | 90  | 30%       | Q-04  |
| sec-Butylbenzene                               | 198    | --- | 129             | "         | "                | ---                                                  | 78.4          | ---  | ---         | 87  | 30%       | Q-04  |
| tert-Butylbenzene                              | ND     | --- | 129             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Carbon tetrachloride                           | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Chlorobenzene                                  | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Chloroethane                                   | ND     | --- | 1290            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Chloroform                                     | ND     | --- | 129             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Chloromethane                                  | ND     | --- | 643             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 2-Chlorotoluene                                | ND     | --- | 129             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 4-Chlorotoluene                                | ND     | --- | 129             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dibromo-3-chloropropane                    | ND     | --- | 643             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Dibromochloromethane                           | ND     | --- | 257             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dibromoethane (EDB)                        | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Dibromomethane                                 | ND     | --- | 129             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dichlorobenzene                            | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,3-Dichlorobenzene                            | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,4-Dichlorobenzene                            | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| Dichlorodifluoromethane                        | ND     | --- | 257             | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,1-Dichloroethane                             | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |
| 1,2-Dichloroethane (EDC)                       | ND     | --- | 64.3            | "         | "                | ---                                                  | ND            | ---  | ---         | --- | 30%       |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

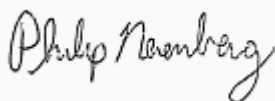
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                    | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount             | Source Result | %REC                     | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----|-----------------|-----------|------|--------------------------|---------------|--------------------------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                  |        |     |                 |           |      | Soil                     |               |                          |             |     |           |       |
| Duplicate (1102426-DUP2)                   |        |     |                 |           |      | Prepared: 02/24/11 11:43 |               | Analyzed: 02/24/11 21:19 |             |     |           |       |
| QC Source Sample: PP-1(13-14) (A11B329-02) |        |     |                 |           |      |                          |               |                          |             |     |           |       |
| 1,1-Dichloroethene                         | ND     | --- | 64.3            | ug/kg dry | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| cis-1,2-Dichloroethene                     | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| trans-1,2-Dichloroethene                   | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,2-Dichloropropane                        | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,3-Dichloropropane                        | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 2,2-Dichloropropane                        | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,1-Dichloropropene                        | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| cis-1,3-Dichloropropene                    | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| trans-1,3-Dichloropropene                  | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Ethylbenzene                               | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Hexachlorobutadiene                        | ND     | --- | 257             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 2-Hexanone                                 | ND     | --- | 1290            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Isopropylbenzene                           | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 4-Isopropyltoluene                         | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 4-Methyl-2-pentanone (MiBK)                | ND     | --- | 2570            | "         | "    | ---                      | 748           | ---                      | ---         | *** | 30%       | R-01  |
| Methyl tert-butyl ether (MTBE)             | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Methylene chloride                         | ND     | --- | 643             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Naphthalene                                | ND     | --- | 257             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| n-Propylbenzene                            | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Styrene                                    | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,1,1,2-Tetrachloroethane                  | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,1,2,2-Tetrachloroethane                  | ND     | --- | 64.3            | "         | "    | ---                      | 74.4          | ---                      | ---         | *** | 30%       |       |
| Tetrachloroethene (PCE)                    | ND     | --- | 64.3            | "         | "    | ---                      | 32.7          | ---                      | ---         | *** | 30%       | Q-05  |
| Toluene                                    | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,2,3-Trichlorobenzene                     | ND     | --- | 643             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,2,4-Trichlorobenzene                     | ND     | --- | 643             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,1,1-Trichloroethane                      | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,1,2-Trichloroethane                      | ND     | --- | 2700            | "         | "    | ---                      | 1060          | ---                      | ---         | *** | 30%       | R-01  |
| Trichloroethene (TCE)                      | ND     | --- | 64.3            | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| Trichlorofluoromethane                     | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,2,3-Trichloropropane                     | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |
| 1,2,4-Trimethylbenzene                     | ND     | --- | 129             | "         | "    | ---                      | 74.4          | ---                      | ---         | *** | 30%       |       |
| 1,3,5-Trimethylbenzene                     | ND     | --- | 129             | "         | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                    | Result | MDL             | Reporting Limit | Units            | Dil.                     | Spike Amount | Source Result            | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----------------|-----------------|------------------|--------------------------|--------------|--------------------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                  |        |                 |                 |                  |                          | Soil         |                          |      |             |     |           |       |
| Duplicate (1102426-DUP2)                   |        |                 |                 |                  | Prepared: 02/24/11 11:43 |              | Analyzed: 02/24/11 21:19 |      |             |     |           |       |
| QC Source Sample: PP-1(13-14) (A11B329-02) |        |                 |                 |                  |                          |              |                          |      |             |     |           |       |
| Vinyl chloride                             | ND     | ---             | 64.3            | ug/kg dry        | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| m,p-Xylene                                 | ND     | ---             | 129             | "                | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| o-Xylene                                   | ND     | ---             | 64.3            | "                | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Surr: Dibromofluoromethane (Surr)          |        | Recovery: 114 % |                 | Limits: 70-130 % |                          | Dilution: 1x |                          |      |             |     |           |       |
| 1,4-Difluorobenzene (Surr)                 |        | 117 %           |                 | 70-130 %         |                          | "            |                          |      |             |     |           |       |
| Toluene-d8 (Surr)                          |        | 100 %           |                 | 70-130 %         |                          | "            |                          |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)                |        | 106 %           |                 | 70-130 %         |                          | "            |                          |      |             |     |           |       |

**Matrix Spike (1102426-MS1)**

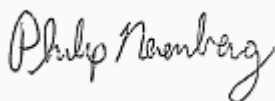
Prepared: 02/24/11 11:43 Analyzed: 02/24/11 22:30

**QC Source Sample: PP-2(13-14) (A11B329-03)****5035/8260B**

|                             |       |     |      |           |     |      |      |      |         |     |     |         |
|-----------------------------|-------|-----|------|-----------|-----|------|------|------|---------|-----|-----|---------|
| Acetone                     | 5130  | --- | 2420 | ug/kg dry | 100 | 4840 | ND   | 106  | 65-135% | --- | --- |         |
| Benzene                     | 2800  | --- | 30.3 | "         | "   | 2420 | ND   | 116  | "       | --- | --- |         |
| Bromobenzene                | 2030  | --- | 60.5 | "         | "   | "    | ND   | 84   | "       | --- | --- |         |
| Bromochloromethane          | 3060  | --- | 60.5 | "         | "   | "    | ND   | 127  | "       | --- | --- |         |
| Bromodichloromethane        | 2320  | --- | 60.5 | "         | "   | "    | ND   | 96   | "       | --- | --- |         |
| Bromoform                   | 1700  | --- | 121  | "         | "   | "    | ND   | 70   | "       | --- | --- |         |
| Bromomethane                | 3500  | --- | 605  | "         | "   | "    | ND   | 145  | "       | --- | --- | Q-01    |
| 2-Butanone (MEK)            | 73800 | --- | 1210 | "         | "   | 4840 | ND   | 1520 | "       | --- | --- | E, Q-01 |
| n-Butylbenzene              | 27300 | --- | 121  | "         | "   | 2420 | 4070 | 959  | "       | --- | --- | E, Q-03 |
| sec-Butylbenzene            | 9830  | --- | 121  | "         | "   | "    | 1700 | 336  | "       | --- | --- | Q-01    |
| tert-Butylbenzene           | 2170  | --- | 121  | "         | "   | "    | ND   | 89   | "       | --- | --- |         |
| Carbon tetrachloride        | 2720  | --- | 60.5 | "         | "   | "    | ND   | 112  | "       | --- | --- |         |
| Chlorobenzene               | 2280  | --- | 60.5 | "         | "   | "    | ND   | 94   | "       | --- | --- |         |
| Chloroethane                | 3320  | --- | 1210 | "         | "   | "    | ND   | 137  | "       | --- | --- | Q-01    |
| Chloroform                  | 3120  | --- | 121  | "         | "   | "    | ND   | 129  | "       | --- | --- |         |
| Chloromethane               | 3010  | --- | 605  | "         | "   | "    | ND   | 124  | "       | --- | --- |         |
| 2-Chlorotoluene             | 2250  | --- | 121  | "         | "   | "    | ND   | 93   | "       | --- | --- |         |
| 4-Chlorotoluene             | 2170  | --- | 121  | "         | "   | "    | ND   | 90   | "       | --- | --- |         |
| 1,2-Dibromo-3-chloropropane | 1590  | --- | 605  | "         | "   | "    | ND   | 66   | "       | --- | --- |         |
| Dibromochloromethane        | 2190  | --- | 242  | "         | "   | "    | ND   | 90   | "       | --- | --- |         |
| 1,2-Dibromoethane (EDB)     | 2220  | --- | 60.5 | "         | "   | "    | ND   | 92   | "       | --- | --- |         |
| Dibromomethane              | 2560  | --- | 121  | "         | "   | "    | ND   | 106  | "       | --- | --- |         |
| 1,2-Dichlorobenzene         | 2350  | --- | 60.5 | "         | "   | "    | ND   | 97   | "       | --- | --- |         |

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Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

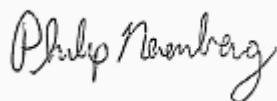
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                    | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----|-----------------|-----------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                  |        |     |                 |           |      | Soil                                                 |               |      |             |     |           |       |
| Matrix Spike (1102426-MS1)                 |        |     |                 |           |      | Prepared: 02/24/11 11:43    Analyzed: 02/24/11 22:30 |               |      |             |     |           |       |
| QC Source Sample: PP-2(13-14) (A11B329-03) |        |     |                 |           |      |                                                      |               |      |             |     |           |       |
| 1,3-Dichlorobenzene                        | 2270   | --- | 60.5            | ug/kg dry | "    | "                                                    | ND            | 94   | "           | --- | ---       |       |
| 1,4-Dichlorobenzene                        | 2240   | --- | 60.5            | "         | "    | "                                                    | ND            | 92   | "           | --- | ---       |       |
| Dichlorodifluoromethane                    | 2510   | --- | 242             | "         | "    | "                                                    | ND            | 104  | "           | --- | ---       |       |
| 1,1-Dichloroethane                         | 2930   | --- | 60.5            | "         | "    | "                                                    | ND            | 121  | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)                   | 2670   | --- | 60.5            | "         | "    | "                                                    | ND            | 110  | "           | --- | ---       |       |
| 1,1-Dichloroethene                         | 2900   | --- | 60.5            | "         | "    | "                                                    | ND            | 120  | "           | --- | ---       |       |
| cis-1,2-Dichloroethene                     | 2920   | --- | 60.5            | "         | "    | "                                                    | ND            | 121  | "           | --- | ---       |       |
| trans-1,2-Dichloroethene                   | 3030   | --- | 60.5            | "         | "    | "                                                    | ND            | 125  | "           | --- | ---       |       |
| 1,2-Dichloropropane                        | 2830   | --- | 60.5            | "         | "    | "                                                    | ND            | 117  | "           | --- | ---       |       |
| 1,3-Dichloropropane                        | 2090   | --- | 60.5            | "         | "    | "                                                    | ND            | 86   | "           | --- | ---       |       |
| 2,2-Dichloropropane                        | 2550   | --- | 121             | "         | "    | "                                                    | ND            | 105  | "           | --- | ---       |       |
| 1,1-Dichloropropene                        | 2620   | --- | 121             | "         | "    | "                                                    | ND            | 108  | "           | --- | ---       |       |
| cis-1,3-Dichloropropene                    | 2120   | --- | 60.5            | "         | "    | "                                                    | ND            | 88   | "           | --- | ---       |       |
| trans-1,3-Dichloropropene                  | 2070   | --- | 121             | "         | "    | "                                                    | ND            | 85   | "           | --- | ---       |       |
| Ethylbenzene                               | 2110   | --- | 60.5            | "         | "    | "                                                    | ND            | 87   | "           | --- | ---       |       |
| Hexachlorobutadiene                        | 2690   | --- | 242             | "         | "    | "                                                    | ND            | 111  | "           | --- | ---       |       |
| 2-Hexanone                                 | 6250   | --- | 1210            | "         | "    | 4840                                                 | ND            | 129  | "           | --- | ---       |       |
| Isopropylbenzene                           | 2380   | --- | 121             | "         | "    | 2420                                                 | ND            | 98   | "           | --- | ---       |       |
| 4-Isopropyltoluene                         | 12900  | --- | 121             | "         | "    | "                                                    | 1180          | 483  | "           | --- | ---       | Q-01  |
| 4-Methyl-2-pentanone (MiBK)                | 14700  | --- | 1210            | "         | "    | 4840                                                 | ND            | 303  | "           | --- | ---       | Q-01  |
| Methyl tert-butyl ether (MTBE)             | 2180   | --- | 121             | "         | "    | 2420                                                 | ND            | 90   | "           | --- | ---       |       |
| Methylene chloride                         | 1730   | --- | 605             | "         | "    | "                                                    | ND            | 71   | "           | --- | ---       |       |
| Naphthalene                                | 2370   | --- | 242             | "         | "    | "                                                    | 129           | 92   | "           | --- | ---       |       |
| n-Propylbenzene                            | 2840   | --- | 60.5            | "         | "    | "                                                    | 66.3          | 114  | "           | --- | ---       |       |
| Styrene                                    | 2470   | --- | 121             | "         | "    | "                                                    | ND            | 102  | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane                  | 2190   | --- | 60.5            | "         | "    | "                                                    | ND            | 90   | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane                  | 2410   | --- | 60.5            | "         | "    | "                                                    | ND            | 99   | "           | --- | ---       |       |
| Tetrachloroethene (PCE)                    | 3700   | --- | 60.5            | "         | "    | "                                                    | 499           | 132  | "           | --- | ---       |       |
| Toluene                                    | 2230   | --- | 121             | "         | "    | "                                                    | ND            | 92   | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene                     | 2160   | --- | 605             | "         | "    | "                                                    | ND            | 89   | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene                     | 2210   | --- | 605             | "         | "    | "                                                    | ND            | 91   | "           | --- | ---       |       |
| 1,1,1-Trichloroethane                      | 2790   | --- | 60.5            | "         | "    | "                                                    | ND            | 115  | "           | --- | ---       |       |
| 1,1,2-Trichloroethane                      | 8260   | --- | 60.5            | "         | "    | "                                                    | ND            | 341  | "           | --- | ---       | Q-01  |

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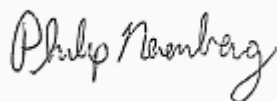
Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                    | Result | MDL             | Reporting Limit | Units                    | Dil. | Spike Amount             | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----------------|-----------------|--------------------------|------|--------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102426 - EPA 5035A                  |        |                 |                 |                          |      | Soil                     |               |      |             |     |           |       |
| Matrix Spike (1102426-MS1)                 |        |                 |                 | Prepared: 02/24/11 11:43 |      | Analyzed: 02/24/11 22:30 |               |      |             |     |           |       |
| QC Source Sample: PP-2(13-14) (A11B329-03) |        |                 |                 |                          |      |                          |               |      |             |     |           |       |
| Trichloroethene (TCE)                      | 3100   | ---             | 60.5            | ug/kg dry                | "    | "                        | ND            | 128  | "           | --- | ---       | Q-01  |
| Trichlorofluoromethane                     | 3440   | ---             | 121             | "                        | "    | "                        | ND            | 142  | "           | --- | ---       |       |
| 1,2,3-Trichloropropane                     | 2450   | ---             | 121             | "                        | "    | "                        | 77.5          | 98   | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene                     | 2430   | ---             | 121             | "                        | "    | "                        | ND            | 100  | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene                     | 2660   | ---             | 121             | "                        | "    | "                        | ND            | 110  | "           | --- | ---       |       |
| Vinyl chloride                             | 3000   | ---             | 60.5            | "                        | "    | "                        | ND            | 124  | "           | --- | ---       |       |
| m,p-Xylene                                 | 4910   | ---             | 121             | "                        | "    | 4840                     | ND            | 101  | "           | --- | ---       |       |
| o-Xylene                                   | 2360   | ---             | 60.5            | "                        | "    | 2420                     | ND            | 98   | "           | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr)          |        | Recovery: 112 % |                 | Limits: 70-130 %         |      | Dilution: 1x             |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Surr)                 |        | 119 %           |                 | 70-130 %                 |      | "                        |               |      |             |     |           |       |
| Toluene-d8 (Surr)                          |        | 96 %            |                 | 70-130 %                 |      | "                        |               |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)                |        | 103 %           |                 | 70-130 %                 |      | "                        |               |      |             |     |           |       |

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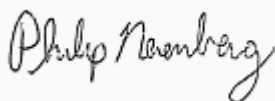
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-----------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A   |        |     |                 |           |      | Soil                                                 |               |      |             |     |           |       |
| Blank (1102434-BLK1)        |        |     |                 |           |      | Prepared: 02/24/11 16:33    Analyzed: 02/25/11 12:25 |               |      |             |     |           |       |
| 5035/8260B                  |        |     |                 |           |      |                                                      |               |      |             |     |           |       |
| Acetone                     | ND     | --- | 1000            | ug/kg wet | 50   | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Benzene                     | ND     | --- | 12.5            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromobenzene                | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromochloromethane          | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromodichloromethane        | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromoform                   | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromomethane                | ND     | --- | 250             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2-Butanone (MEK)            | ND     | --- | 500             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| n-Butylbenzene              | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| sec-Butylbenzene            | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| tert-Butylbenzene           | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Carbon tetrachloride        | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chlorobenzene               | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloroethane                | ND     | --- | 500             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloroform                  | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloromethane               | ND     | --- | 250             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2-Chlorotoluene             | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 4-Chlorotoluene             | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 250             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dibromochloromethane        | ND     | --- | 100             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dibromomethane              | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,4-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dichlorodifluoromethane     | ND     | --- | 100             | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethane          | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethene          | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| cis-1,2-Dichloroethene      | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| trans-1,2-Dichloroethene    | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloropropane         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichloropropane         | ND     | --- | 25.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2,2-Dichloropropane         | ND     | --- | 50.0            | "         | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |

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**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                          | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102434 - EPA 5035A</b> |        |     |                 |           |      | <b>Soil</b>                                       |               |      |             |     |           |       |
| <b>Blank (1102434-BLK1)</b>      |        |     |                 |           |      | Prepared: 02/24/11 16:33 Analyzed: 02/25/11 12:25 |               |      |             |     |           |       |
| 1,1-Dichloropropene              | ND     | --- | 50.0            | ug/kg wet | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| cis-1,3-Dichloropropene          | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| trans-1,3-Dichloropropene        | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Ethylbenzene                     | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Hexachlorobutadiene              | ND     | --- | 100             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Hexanone                       | ND     | --- | 500             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Isopropylbenzene                 | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Isopropyltoluene               | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)      | ND     | --- | 500             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)   | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methylene chloride               | ND     | --- | 250             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Naphthalene                      | ND     | --- | 100             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| n-Propylbenzene                  | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Styrene                          | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane        | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane        | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Tetrachloroethene (PCE)          | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Toluene                          | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichlorobenzene           | ND     | --- | 250             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trichlorobenzene           | ND     | --- | 250             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1-Trichloroethane            | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2-Trichloroethane            | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichloroethene (TCE)            | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichlorofluoromethane           | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichloropropane           | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trimethylbenzene           | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3,5-Trimethylbenzene           | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Vinyl chloride                   | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| m,p-Xylene                       | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| o-Xylene                         | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |

Surr: Dibromofluoromethane (Surr)  
1,4-Difluorobenzene (Surr)  
Toluene-d8 (Surr)  
4-Bromofluorobenzene (Surr)

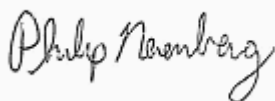
Recovery: 114 %  
118 %  
98 %  
108 %

Limits: 70-130 %  
70-130 %  
70-130 %  
70-130 %

Dilution: 1x  
"  
"  
"

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Project Number: [none]  
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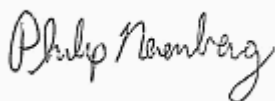
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit                                      | Units     | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|------------------------------------------------------|-----------|------|--------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A   |        |     |                                                      |           |      |              | Soil          |      |             |     |           |       |
| LCS (1102434-BS1)           |        |     | Prepared: 02/24/11 16:33    Analyzed: 02/25/11 11:13 |           |      |              |               |      |             |     |           |       |
| 5035/8260B                  |        |     |                                                      |           |      |              |               |      |             |     |           |       |
| Acetone                     | 1920   | --- | 1000                                                 | ug/kg wet | 50   | 2000         | ---           | 96   | 65-135%     | --- | ---       | EST   |
| Benzene                     | 1220   | --- | 12.5                                                 | "         | "    | 1000         | ---           | 122  | "           | --- | ---       |       |
| Bromobenzene                | 893    | --- | 25.0                                                 | "         | "    | "            | ---           | 89   | "           | --- | ---       |       |
| Bromochloromethane          | 1290   | --- | 25.0                                                 | "         | "    | "            | ---           | 129  | "           | --- | ---       |       |
| Bromodichloromethane        | 1260   | --- | 25.0                                                 | "         | "    | "            | ---           | 126  | "           | --- | ---       |       |
| Bromoform                   | 846    | --- | 50.0                                                 | "         | "    | "            | ---           | 85   | "           | --- | ---       |       |
| Bromomethane                | 1470   | --- | 250                                                  | "         | "    | "            | ---           | 147  | "           | --- | ---       |       |
| 2-Butanone (MEK)            | 1940   | --- | 500                                                  | "         | "    | 2000         | ---           | 97   | "           | --- | ---       |       |
| n-Butylbenzene              | 1050   | --- | 50.0                                                 | "         | "    | 1000         | ---           | 105  | "           | --- | ---       |       |
| sec-Butylbenzene            | 1020   | --- | 50.0                                                 | "         | "    | "            | ---           | 102  | "           | --- | ---       |       |
| tert-Butylbenzene           | 951    | --- | 50.0                                                 | "         | "    | "            | ---           | 95   | "           | --- | ---       |       |
| Carbon tetrachloride        | 1190   | --- | 25.0                                                 | "         | "    | "            | ---           | 119  | "           | --- | ---       |       |
| Chlorobenzene               | 1030   | --- | 25.0                                                 | "         | "    | "            | ---           | 103  | "           | --- | ---       |       |
| Chloroethane                | 1320   | --- | 500                                                  | "         | "    | "            | ---           | 132  | "           | --- | ---       |       |
| Chloroform                  | 1190   | --- | 50.0                                                 | "         | "    | "            | ---           | 119  | "           | --- | ---       |       |
| Chloromethane               | 1270   | --- | 250                                                  | "         | "    | "            | ---           | 127  | "           | --- | ---       |       |
| 2-Chlorotoluene             | 968    | --- | 50.0                                                 | "         | "    | "            | ---           | 97   | "           | --- | ---       |       |
| 4-Chlorotoluene             | 952    | --- | 50.0                                                 | "         | "    | "            | ---           | 95   | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | 734    | --- | 250                                                  | "         | "    | "            | ---           | 73   | "           | --- | ---       |       |
| Dibromochloromethane        | 1030   | --- | 100                                                  | "         | "    | "            | ---           | 103  | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | 1020   | --- | 25.0                                                 | "         | "    | "            | ---           | 102  | "           | --- | ---       |       |
| Dibromomethane              | 1210   | --- | 50.0                                                 | "         | "    | "            | ---           | 121  | "           | --- | ---       |       |
| 1,2-Dichlorobenzene         | 1020   | --- | 25.0                                                 | "         | "    | "            | ---           | 102  | "           | --- | ---       |       |
| 1,3-Dichlorobenzene         | 1010   | --- | 25.0                                                 | "         | "    | "            | ---           | 101  | "           | --- | ---       |       |
| 1,4-Dichlorobenzene         | 976    | --- | 25.0                                                 | "         | "    | "            | ---           | 98   | "           | --- | ---       |       |
| Dichlorodifluoromethane     | 1010   | --- | 100                                                  | "         | "    | "            | ---           | 101  | "           | --- | ---       |       |
| 1,1-Dichloroethane          | 1210   | --- | 25.0                                                 | "         | "    | "            | ---           | 121  | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | 1150   | --- | 25.0                                                 | "         | "    | "            | ---           | 115  | "           | --- | ---       |       |
| 1,1-Dichloroethene          | 1200   | --- | 25.0                                                 | "         | "    | "            | ---           | 120  | "           | --- | ---       |       |
| cis-1,2-Dichloroethene      | 1180   | --- | 25.0                                                 | "         | "    | "            | ---           | 118  | "           | --- | ---       |       |
| trans-1,2-Dichloroethene    | 1260   | --- | 25.0                                                 | "         | "    | "            | ---           | 126  | "           | --- | ---       |       |
| 1,2-Dichloropropane         | 1190   | --- | 25.0                                                 | "         | "    | "            | ---           | 119  | "           | --- | ---       |       |
| 1,3-Dichloropropane         | 964    | --- | 25.0                                                 | "         | "    | "            | ---           | 96   | "           | --- | ---       |       |
| 2,2-Dichloropropane         | 1150   | --- | 50.0                                                 | "         | "    | "            | ---           | 115  | "           | --- | ---       |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                        | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount | Source Result                                     | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------|--------|-----|-----------------|-----------|------|--------------|---------------------------------------------------|------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A      |        |     |                 |           |      |              | Soil                                              |      |             |     |           |       |
| LCS (1102434-BS1)              |        |     |                 |           |      |              | Prepared: 02/24/11 16:33 Analyzed: 02/25/11 11:13 |      |             |     |           |       |
| 1,1-Dichloropropene            | 1130   | --- | 50.0            | ug/kg wet | "    | "            | ---                                               | 113  | "           | --- | ---       |       |
| cis-1,3-Dichloropropene        | 1020   | --- | 25.0            | "         | "    | "            | ---                                               | 102  | "           | --- | ---       |       |
| trans-1,3-Dichloropropene      | 1010   | --- | 50.0            | "         | "    | "            | ---                                               | 101  | "           | --- | ---       |       |
| Ethylbenzene                   | 932    | --- | 25.0            | "         | "    | "            | ---                                               | 93   | "           | --- | ---       |       |
| Hexachlorobutadiene            | 1050   | --- | 100             | "         | "    | "            | ---                                               | 105  | "           | --- | ---       |       |
| 2-Hexanone                     | 1600   | --- | 500             | "         | "    | 2000         | ---                                               | 80   | "           | --- | ---       |       |
| Isopropylbenzene               | 1020   | --- | 50.0            | "         | "    | 1000         | ---                                               | 102  | "           | --- | ---       |       |
| 4-Isopropyltoluene             | 984    | --- | 50.0            | "         | "    | "            | ---                                               | 98   | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)    | 1700   | --- | 500             | "         | "    | 2000         | ---                                               | 85   | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE) | 948    | --- | 50.0            | "         | "    | 1000         | ---                                               | 95   | "           | --- | ---       |       |
| Methylene chloride             | 854    | --- | 250             | "         | "    | "            | ---                                               | 85   | "           | --- | ---       |       |
| Naphthalene                    | 765    | --- | 100             | "         | "    | "            | ---                                               | 76   | "           | --- | ---       |       |
| n-Propylbenzene                | 977    | --- | 25.0            | "         | "    | "            | ---                                               | 98   | "           | --- | ---       |       |
| Styrene                        | 1020   | --- | 50.0            | "         | "    | "            | ---                                               | 102  | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane      | 1000   | --- | 25.0            | "         | "    | "            | ---                                               | 100  | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane      | 909    | --- | 25.0            | "         | "    | "            | ---                                               | 91   | "           | --- | ---       |       |
| Tetrachloroethene (PCE)        | 1080   | --- | 25.0            | "         | "    | "            | ---                                               | 108  | "           | --- | ---       |       |
| Toluene                        | 984    | --- | 50.0            | "         | "    | "            | ---                                               | 98   | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene         | 972    | --- | 250             | "         | "    | "            | ---                                               | 97   | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene         | 978    | --- | 250             | "         | "    | "            | ---                                               | 98   | "           | --- | ---       |       |
| 1,1,1-Trichloroethane          | 1190   | --- | 25.0            | "         | "    | "            | ---                                               | 119  | "           | --- | ---       |       |
| 1,1,2-Trichloroethane          | 974    | --- | 25.0            | "         | "    | "            | ---                                               | 97   | "           | --- | ---       |       |
| Trichloroethene (TCE)          | 1320   | --- | 25.0            | "         | "    | "            | ---                                               | 132  | "           | --- | ---       |       |
| Trichlorofluoromethane         | 1250   | --- | 50.0            | "         | "    | "            | ---                                               | 125  | "           | --- | ---       |       |
| 1,2,3-Trichloropropane         | 856    | --- | 50.0            | "         | "    | "            | ---                                               | 86   | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene         | 986    | --- | 50.0            | "         | "    | "            | ---                                               | 99   | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene         | 990    | --- | 50.0            | "         | "    | "            | ---                                               | 99   | "           | --- | ---       |       |
| Vinyl chloride                 | 1260   | --- | 25.0            | "         | "    | "            | ---                                               | 126  | "           | --- | ---       |       |
| m,p-Xylene                     | 2130   | --- | 50.0            | "         | "    | 2000         | ---                                               | 106  | "           | --- | ---       |       |
| o-Xylene                       | 1040   | --- | 25.0            | "         | "    | 1000         | ---                                               | 104  | "           | --- | ---       |       |

Surr: Dibromofluoromethane (Surr)

Recovery: 115 %

Limits: 70-130 %

Dilution: 1x

1,4-Difluorobenzene (Surr)

114 %

70-130 %

"

Toluene-d8 (Surr)

100 %

70-130 %

"

4-Bromofluorobenzene (Surr)

108 %

70-130 %

"

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Philip Nerenberg, Lab Director

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Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

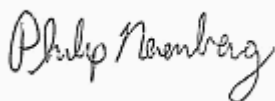
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                    | Result | MDL | Reporting Limit | Units     | Dil.                     | Spike Amount | Source Result            | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----|-----------------|-----------|--------------------------|--------------|--------------------------|------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A                  |        |     |                 |           |                          |              | Soil                     |      |             |     |           |       |
| Duplicate (1102434-DUP1)                   |        |     |                 |           | Prepared: 02/24/11 16:33 |              | Analyzed: 02/25/11 13:12 |      |             |     |           |       |
| QC Source Sample: PP-6(17-18) (A11B329-15) |        |     |                 |           |                          |              |                          |      |             |     |           |       |
| 5035/8260B                                 |        |     |                 |           |                          |              |                          |      |             |     |           |       |
| Acetone                                    | ND     | --- | 14600           | ug/kg dry | 500                      | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Benzene                                    | ND     | --- | 183             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Bromobenzene                               | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Bromochloromethane                         | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Bromodichloromethane                       | ND     | --- | 2200            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       | R-01  |
| Bromoform                                  | ND     | --- | 732             | "         | "                        | ---          | 405                      | ---  | ---         | *** | 30%       |       |
| Bromomethane                               | ND     | --- | 3660            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 2-Butanone (MEK)                           | ND     | --- | 32600           | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       | R-01  |
| n-Butylbenzene                             | 11100  | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| sec-Butylbenzene                           | 3370   | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| tert-Butylbenzene                          | ND     | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Carbon tetrachloride                       | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Chlorobenzene                              | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Chloroethane                               | ND     | --- | 7320            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Chloroform                                 | ND     | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Chloromethane                              | ND     | --- | 3660            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 2-Chlorotoluene                            | ND     | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 4-Chlorotoluene                            | ND     | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,2-Dibromo-3-chloropropane                | ND     | --- | 3660            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Dibromochloromethane                       | ND     | --- | 1460            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,2-Dibromoethane (EDB)                    | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Dibromomethane                             | ND     | --- | 732             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,2-Dichlorobenzene                        | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,3-Dichlorobenzene                        | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,4-Dichlorobenzene                        | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| Dichlorodifluoromethane                    | ND     | --- | 1460            | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,1-Dichloroethane                         | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,2-Dichloroethane (EDC)                   | ND     | --- | 366             | "         | "                        | ---          | 299                      | ---  | ---         | *** | 30%       |       |
| 1,1-Dichloroethene                         | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| cis-1,2-Dichloroethene                     | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| trans-1,2-Dichloroethene                   | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,2-Dichloropropane                        | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |
| 1,3-Dichloropropane                        | ND     | --- | 366             | "         | "                        | ---          | ND                       | ---  | ---         | --- | 30%       |       |

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Project Number: [none]  
Project Manager: David ColesReported:  
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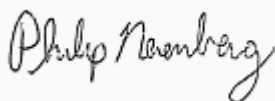
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                    | Result | MDL             | Reporting Limit | Units            | Dil. | Spike Amount             | Source Result | %REC                     | %REC Limits | RPD | RPD Limit | Notes   |
|--------------------------------------------|--------|-----------------|-----------------|------------------|------|--------------------------|---------------|--------------------------|-------------|-----|-----------|---------|
| Batch 1102434 - EPA 5035A                  |        |                 |                 |                  |      | Soil                     |               |                          |             |     |           |         |
| Duplicate (1102434-DUP1)                   |        |                 |                 |                  |      | Prepared: 02/24/11 16:33 |               | Analyzed: 02/25/11 13:12 |             |     |           |         |
| QC Source Sample: PP-6(17-18) (A11B329-15) |        |                 |                 |                  |      |                          |               |                          |             |     |           |         |
| 2,2-Dichloropropane                        | ND     | ---             | 732             | ug/kg dry        | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,1-Dichloropropene                        | ND     | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| cis-1,3-Dichloropropene                    | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| trans-1,3-Dichloropropene                  | ND     | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Ethylbenzene                               | 37700  | ---             | 366             | "                | "    | ---                      | 299           | ---                      | ---         | 197 | 30%       | Q-04    |
| Hexachlorobutadiene                        | ND     | ---             | 1460            | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 2-Hexanone                                 | ND     | ---             | 7320            | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Isopropylbenzene                           | 7520   | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| 4-Isopropyltoluene                         | 5380   | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| 4-Methyl-2-pentanone (MiBK)                | ND     | ---             | 33700           | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       | R-01    |
| Methyl tert-butyl ether (MTBE)             | ND     | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Methylene chloride                         | ND     | ---             | 3660            | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Naphthalene                                | 17800  | ---             | 1460            | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| n-Propylbenzene                            | 32200  | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| Styrene                                    | ND     | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,1,1,2-Tetrachloroethane                  | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,1,2,2-Tetrachloroethane                  | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Tetrachloroethene (PCE)                    | 2740   | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| Toluene                                    | 30900  | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| 1,2,3-Trichlorobenzene                     | ND     | ---             | 3660            | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,2,4-Trichlorobenzene                     | ND     | ---             | 3660            | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,1,1-Trichloroethane                      | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,1,2-Trichloroethane                      | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Trichloroethene (TCE)                      | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| Trichlorofluoromethane                     | ND     | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,2,3-Trichloropropane                     | ND     | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| 1,2,4-Trimethylbenzene                     | 161000 | ---             | 732             | "                | "    | ---                      | 518           | ---                      | ---         | 199 | 30%       | E, Q-04 |
| 1,3,5-Trimethylbenzene                     | 53800  | ---             | 732             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| Vinyl chloride                             | ND     | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         | --- | 30%       |         |
| m,p-Xylene                                 | 159000 | ---             | 732             | "                | "    | ---                      | 502           | ---                      | ---         | 199 | 30%       | Q-04    |
| o-Xylene                                   | 38200  | ---             | 366             | "                | "    | ---                      | ND            | ---                      | ---         |     | 30%       |         |
| Surr: Dibromofluoromethane (Surr)          |        | Recovery: 116 % |                 | Limits: 70-130 % |      | Dilution: 1x             |               |                          |             |     |           |         |
| 1,4-Difluorobenzene (Surr)                 |        | 118 %           |                 | 70-130 %         |      | "                        |               |                          |             |     |           |         |

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Project Number: [none]  
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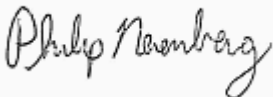
Reported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                        | Result | MDL | Reporting Limit | Units     | Dil.             | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----|-----------------|-----------|------------------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A                      |        |     |                 |           |                  | Soil                                                 |               |      |             |     |           |       |
| Duplicate (1102434-DUP1)                       |        |     |                 |           |                  | Prepared: 02/24/11 16:33    Analyzed: 02/25/11 13:12 |               |      |             |     |           |       |
| QC Source Sample: PP-6(17-18) (A11B329-15)     |        |     |                 |           |                  |                                                      |               |      |             |     |           |       |
| Surr: Toluene-d8 (Surr)                        |        |     | Recovery: 99 %  |           | Limits: 70-130 % |                                                      | Dilution: 1x  |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)                    |        |     | 104 %           |           | 70-130 %         |                                                      | "             |      |             |     |           |       |
| Matrix Spike (1102434-MS1)                     |        |     |                 |           |                  | Prepared: 02/24/11 16:33    Analyzed: 02/25/11 15:11 |               |      |             |     |           |       |
| QC Source Sample: MW-6(15.5-16.5) (A11B329-16) |        |     |                 |           |                  |                                                      |               |      |             |     |           |       |
| 5035/8260B                                     |        |     |                 |           |                  |                                                      |               |      |             |     |           |       |
| Acetone                                        | 2400   | --- | 1260            | ug/kg dry | 50               | 2520                                                 | ND            | 95   | 65-135%     | --- | ---       |       |
| Benzene                                        | 1530   | --- | 15.8            | "         | "                | 1260                                                 | ND            | 122  | "           | --- | ---       |       |
| Bromobenzene                                   | 1020   | --- | 31.5            | "         | "                | "                                                    | ND            | 81   | "           | --- | ---       |       |
| Bromochloromethane                             | 1620   | --- | 31.5            | "         | "                | "                                                    | ND            | 129  | "           | --- | ---       |       |
| Bromodichloromethane                           | 1570   | --- | 31.5            | "         | "                | "                                                    | ND            | 125  | "           | --- | ---       |       |
| Bromoform                                      | 970    | --- | 63.1            | "         | "                | "                                                    | ND            | 77   | "           | --- | ---       |       |
| Bromomethane                                   | 1940   | --- | 315             | "         | "                | "                                                    | ND            | 154  | "           | --- | ---       | EST   |
| 2-Butanone (MEK)                               | 2520   | --- | 631             | "         | "                | 2520                                                 | ND            | 100  | "           | --- | ---       |       |
| n-Butylbenzene                                 | 1170   | --- | 63.1            | "         | "                | 1260                                                 | ND            | 93   | "           | --- | ---       |       |
| sec-Butylbenzene                               | 1110   | --- | 63.1            | "         | "                | "                                                    | ND            | 88   | "           | --- | ---       |       |
| tert-Butylbenzene                              | 1080   | --- | 63.1            | "         | "                | "                                                    | ND            | 86   | "           | --- | ---       |       |
| Carbon tetrachloride                           | 1500   | --- | 31.5            | "         | "                | "                                                    | ND            | 119  | "           | --- | ---       |       |
| Chlorobenzene                                  | 1140   | --- | 31.5            | "         | "                | "                                                    | ND            | 90   | "           | --- | ---       |       |
| Chloroethane                                   | 1710   | --- | 631             | "         | "                | "                                                    | ND            | 136  | "           | --- | ---       | Q-01  |
| Chloroform                                     | 1480   | --- | 63.1            | "         | "                | "                                                    | ND            | 118  | "           | --- | ---       |       |
| Chloromethane                                  | 1520   | --- | 315             | "         | "                | "                                                    | ND            | 121  | "           | --- | ---       |       |
| 2-Chlorotoluene                                | 1100   | --- | 63.1            | "         | "                | "                                                    | ND            | 87   | "           | --- | ---       |       |
| 4-Chlorotoluene                                | 1080   | --- | 63.1            | "         | "                | "                                                    | ND            | 86   | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane                    | 876    | --- | 315             | "         | "                | "                                                    | ND            | 70   | "           | --- | ---       |       |
| Dibromochloromethane                           | 1140   | --- | 126             | "         | "                | "                                                    | ND            | 90   | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)                        | 1180   | --- | 31.5            | "         | "                | "                                                    | ND            | 93   | "           | --- | ---       |       |
| Dibromomethane                                 | 1530   | --- | 63.1            | "         | "                | "                                                    | ND            | 121  | "           | --- | ---       |       |
| 1,2-Dichlorobenzene                            | 1160   | --- | 31.5            | "         | "                | "                                                    | ND            | 92   | "           | --- | ---       |       |
| 1,3-Dichlorobenzene                            | 1150   | --- | 31.5            | "         | "                | "                                                    | ND            | 91   | "           | --- | ---       |       |
| 1,4-Dichlorobenzene                            | 1100   | --- | 31.5            | "         | "                | "                                                    | ND            | 87   | "           | --- | ---       |       |
| Dichlorodifluoromethane                        | 1260   | --- | 126             | "         | "                | "                                                    | ND            | 100  | "           | --- | ---       |       |
| 1,1-Dichloroethane                             | 1510   | --- | 31.5            | "         | "                | "                                                    | ND            | 120  | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)                       | 1400   | --- | 31.5            | "         | "                | "                                                    | 19.0          | 109  | "           | --- | ---       |       |

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Project Manager: David ColesReported:  
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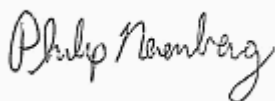
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                        | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount             | Source Result | %REC                     | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----|-----------------|-----------|------|--------------------------|---------------|--------------------------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A                      |        |     |                 |           |      | Soil                     |               |                          |             |     |           |       |
| Matrix Spike (1102434-MS1)                     |        |     |                 |           |      | Prepared: 02/24/11 16:33 |               | Analyzed: 02/25/11 15:11 |             |     |           |       |
| QC Source Sample: MW-6(15.5-16.5) (A11B329-16) |        |     |                 |           |      |                          |               |                          |             |     |           |       |
| 1,1-Dichloroethene                             | 1520   | --- | 31.5            | ug/kg dry | "    | "                        | ND            | 120                      | "           | --- | ---       |       |
| cis-1,2-Dichloroethene                         | 1500   | --- | 31.5            | "         | "    | "                        | ND            | 119                      | "           | --- | ---       |       |
| trans-1,2-Dichloroethene                       | 1530   | --- | 31.5            | "         | "    | "                        | ND            | 122                      | "           | --- | ---       |       |
| 1,2-Dichloropropane                            | 1540   | --- | 31.5            | "         | "    | "                        | ND            | 122                      | "           | --- | ---       |       |
| 1,3-Dichloropropane                            | 1100   | --- | 31.5            | "         | "    | "                        | ND            | 88                       | "           | --- | ---       |       |
| 2,2-Dichloropropane                            | 1420   | --- | 63.1            | "         | "    | "                        | ND            | 113                      | "           | --- | ---       |       |
| 1,1-Dichloropropene                            | 1410   | --- | 63.1            | "         | "    | "                        | ND            | 112                      | "           | --- | ---       |       |
| cis-1,3-Dichloropropene                        | 1140   | --- | 31.5            | "         | "    | "                        | ND            | 91                       | "           | --- | ---       |       |
| trans-1,3-Dichloropropene                      | 1110   | --- | 63.1            | "         | "    | "                        | ND            | 88                       | "           | --- | ---       |       |
| Ethylbenzene                                   | 1040   | --- | 31.5            | "         | "    | "                        | 20.3          | 81                       | "           | --- | ---       |       |
| Hexachlorobutadiene                            | 1100   | --- | 126             | "         | "    | "                        | ND            | 87                       | "           | --- | ---       |       |
| 2-Hexanone                                     | 1980   | --- | 631             | "         | "    | 2520                     | ND            | 79                       | "           | --- | ---       |       |
| Isopropylbenzene                               | 1150   | --- | 63.1            | "         | "    | 1260                     | ND            | 91                       | "           | --- | ---       |       |
| 4-Isopropyltoluene                             | 1130   | --- | 63.1            | "         | "    | "                        | ND            | 89                       | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)                    | 2050   | --- | 631             | "         | "    | 2520                     | ND            | 81                       | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)                 | 1190   | --- | 63.1            | "         | "    | 1260                     | ND            | 94                       | "           | --- | ---       |       |
| Methylene chloride                             | 933    | --- | 315             | "         | "    | "                        | ND            | 74                       | "           | --- | ---       |       |
| Naphthalene                                    | 963    | --- | 126             | "         | "    | "                        | ND            | 76                       | "           | --- | ---       |       |
| n-Propylbenzene                                | 1130   | --- | 31.5            | "         | "    | "                        | 19.7          | 88                       | "           | --- | ---       |       |
| Styrene                                        | 1140   | --- | 63.1            | "         | "    | "                        | ND            | 91                       | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane                      | 1110   | --- | 31.5            | "         | "    | "                        | ND            | 88                       | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane                      | 1070   | --- | 31.5            | "         | "    | "                        | ND            | 85                       | "           | --- | ---       |       |
| Tetrachloroethene (PCE)                        | 1560   | --- | 31.5            | "         | "    | "                        | 381           | 93                       | "           | --- | ---       |       |
| Toluene                                        | 1110   | --- | 63.1            | "         | "    | "                        | ND            | 88                       | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene                         | 1080   | --- | 315             | "         | "    | "                        | ND            | 85                       | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene                         | 1090   | --- | 315             | "         | "    | "                        | ND            | 86                       | "           | --- | ---       |       |
| 1,1,1-Trichloroethane                          | 1490   | --- | 31.5            | "         | "    | "                        | ND            | 118                      | "           | --- | ---       |       |
| 1,1,2-Trichloroethane                          | 1130   | --- | 31.5            | "         | "    | "                        | ND            | 89                       | "           | --- | ---       |       |
| Trichloroethene (TCE)                          | 1640   | --- | 31.5            | "         | "    | "                        | 40.0          | 127                      | "           | --- | ---       |       |
| Trichlorofluoromethane                         | 1570   | --- | 63.1            | "         | "    | "                        | ND            | 125                      | "           | --- | ---       |       |
| 1,2,3-Trichloropropane                         | 1050   | --- | 63.1            | "         | "    | "                        | ND            | 84                       | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene                         | 1130   | --- | 63.1            | "         | "    | "                        | 100           | 81                       | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene                         | 1100   | --- | 63.1            | "         | "    | "                        | 38.1          | 84                       | "           | --- | ---       |       |

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Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

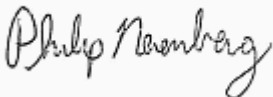
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03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                        | Result | MDL             | Reporting Limit | Units            | Dil. | Spike Amount             | Source Result | %REC                     | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------------------|--------|-----------------|-----------------|------------------|------|--------------------------|---------------|--------------------------|-------------|-----|-----------|-------|
| Batch 1102434 - EPA 5035A                      |        |                 |                 |                  |      | Soil                     |               |                          |             |     |           |       |
| Matrix Spike (1102434-MS1)                     |        |                 |                 |                  |      | Prepared: 02/24/11 16:33 |               | Analyzed: 02/25/11 15:11 |             |     |           |       |
| QC Source Sample: MW-6(15.5-16.5) (A11B329-16) |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| Vinyl chloride                                 | 1550   | ---             | 31.5            | ug/kg dry        | "    | "                        | ND            | 123                      | "           | --- | ---       |       |
| m,p-Xylene                                     | 2370   | ---             | 63.1            | "                | "    | 2520                     | 74.9          | 91                       | "           | --- | ---       |       |
| o-Xylene                                       | 1170   | ---             | 31.5            | "                | "    | 1260                     | ND            | 93                       | "           | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr)              |        | Recovery: 119 % |                 | Limits: 70-130 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Surr)                     |        | 120 %           |                 | 70-130 %         |      | "                        |               |                          |             |     |           |       |
| Toluene-d8 (Surr)                              |        | 97 %            |                 | 70-130 %         |      | "                        |               |                          |             |     |           |       |
| 4-Bromofluorobenzene (Surr)                    |        | 104 %           |                 | 70-130 %         |      | "                        |               |                          |             |     |           |       |

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Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

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03/04/11 10:49

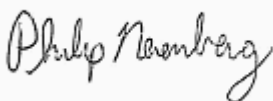
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-----------|------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102466 - EPA 5035A   |        |     |                 |           |      | Soil                                              |               |      |             |     |           |       |
| Blank (1102466-BLK1)        |        |     |                 |           |      | Prepared: 02/28/11 12:19 Analyzed: 02/28/11 14:03 |               |      |             |     |           |       |
| 5035/8260B                  |        |     |                 |           |      |                                                   |               |      |             |     |           |       |
| Acetone                     | ND     | --- | 1000            | ug/kg wet | 50   | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Benzene                     | ND     | --- | 12.5            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Bromobenzene                | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Bromochloromethane          | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Bromodichloromethane        | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Bromoform                   | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Bromomethane                | ND     | --- | 250             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Butanone (MEK)            | ND     | --- | 500             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| n-Butylbenzene              | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| sec-Butylbenzene            | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| tert-Butylbenzene           | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Carbon tetrachloride        | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Chlorobenzene               | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Chloroethane                | ND     | --- | 500             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Chloroform                  | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Chloromethane               | ND     | --- | 250             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Chlorotoluene             | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Chlorotoluene             | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 250             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Dibromochloromethane        | ND     | --- | 100             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Dibromomethane              | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,4-Dichlorobenzene         | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Dichlorodifluoromethane     | ND     | --- | 100             | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethane          | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethene          | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| cis-1,2-Dichloroethene      | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| trans-1,2-Dichloroethene    | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloropropane         | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichloropropane         | ND     | --- | 25.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2,2-Dichloropropane         | ND     | --- | 50.0            | "         | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |

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Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

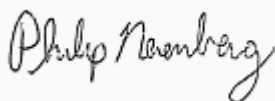
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                           | Result | MDL | Reporting Limit | Units            | Dil.         | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----|-----------------|------------------|--------------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102466 - EPA 5035A</b>  |        |     |                 |                  |              | <b>Soil</b>                                       |               |      |             |     |           |       |
| <b>Blank (1102466-BLK1)</b>       |        |     |                 |                  |              | Prepared: 02/28/11 12:19 Analyzed: 02/28/11 14:03 |               |      |             |     |           |       |
| 1,1-Dichloropropene               | ND     | --- | 50.0            | ug/kg wet        | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| cis-1,3-Dichloropropene           | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| trans-1,3-Dichloropropene         | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Ethylbenzene                      | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Hexachlorobutadiene               | ND     | --- | 100             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Hexanone                        | ND     | --- | 500             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Isopropylbenzene                  | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Isopropyltoluene                | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)       | ND     | --- | 500             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)    | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methylene chloride                | ND     | --- | 250             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       | ESTa  |
| Naphthalene                       | ND     | --- | 100             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| n-Propylbenzene                   | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Styrene                           | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane         | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane         | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Tetrachloroethene (PCE)           | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Toluene                           | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichlorobenzene            | ND     | --- | 250             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trichlorobenzene            | ND     | --- | 250             | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1-Trichloroethane             | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2-Trichloroethane             | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichloroethene (TCE)             | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichlorofluoromethane            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichloropropane            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trimethylbenzene            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3,5-Trimethylbenzene            | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Vinyl chloride                    | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| m,p-Xylene                        | ND     | --- | 50.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| o-Xylene                          | ND     | --- | 25.0            | "                | "            | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr) |        |     | Recovery: 100 % | Limits: 70-130 % | Dilution: 1x |                                                   |               |      |             |     |           |       |
| 1,4-Difluorobenzene (Surr)        |        |     | 100 %           | 70-130 %         | "            |                                                   |               |      |             |     |           |       |
| Toluene-d8 (Surr)                 |        |     | 109 %           | 70-130 %         | "            |                                                   |               |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)       |        |     | 106 %           | 70-130 %         | "            |                                                   |               |      |             |     |           |       |

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Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

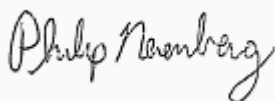
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit                                      | Units     | Dil. | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|------------------------------------------------------|-----------|------|--------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102466 - EPA 5035A   |        |     |                                                      |           |      |              | Soil          |      |             |     |           |       |
| LCS (1102466-BS1)           |        |     | Prepared: 02/28/11 12:19    Analyzed: 02/28/11 13:14 |           |      |              |               |      |             |     |           |       |
| 5035/8260B                  |        |     |                                                      |           |      |              |               |      |             |     |           |       |
| Acetone                     | 1540   | --- | 1000                                                 | ug/kg wet | 50   | 2000         | ---           | 77   | 65-135%     | --- | ---       |       |
| Benzene                     | 932    | --- | 12.5                                                 | "         | "    | 1000         | ---           | 93   | "           | --- | ---       |       |
| Bromobenzene                | 1030   | --- | 25.0                                                 | "         | "    | "            | ---           | 103  | "           | --- | ---       |       |
| Bromochloromethane          | 946    | --- | 25.0                                                 | "         | "    | "            | ---           | 95   | "           | --- | ---       |       |
| Bromodichloromethane        | 964    | --- | 25.0                                                 | "         | "    | "            | ---           | 96   | "           | --- | ---       |       |
| Bromoform                   | 964    | --- | 50.0                                                 | "         | "    | "            | ---           | 96   | "           | --- | ---       |       |
| Bromomethane                | 1080   | --- | 250                                                  | "         | "    | "            | ---           | 108  | "           | --- | ---       |       |
| 2-Butanone (MEK)            | 1630   | --- | 500                                                  | "         | "    | 2000         | ---           | 82   | "           | --- | ---       |       |
| n-Butylbenzene              | 1150   | --- | 50.0                                                 | "         | "    | 1000         | ---           | 115  | "           | --- | ---       |       |
| sec-Butylbenzene            | 1120   | --- | 50.0                                                 | "         | "    | "            | ---           | 112  | "           | --- | ---       |       |
| tert-Butylbenzene           | 1080   | --- | 50.0                                                 | "         | "    | "            | ---           | 108  | "           | --- | ---       |       |
| Carbon tetrachloride        | 927    | --- | 25.0                                                 | "         | "    | "            | ---           | 93   | "           | --- | ---       |       |
| Chlorobenzene               | 1070   | --- | 25.0                                                 | "         | "    | "            | ---           | 107  | "           | --- | ---       |       |
| Chloroethane                | 860    | --- | 500                                                  | "         | "    | "            | ---           | 86   | "           | --- | ---       |       |
| Chloroform                  | 917    | --- | 50.0                                                 | "         | "    | "            | ---           | 92   | "           | --- | ---       |       |
| Chloromethane               | 856    | --- | 250                                                  | "         | "    | "            | ---           | 86   | "           | --- | ---       |       |
| 2-Chlorotoluene             | 1070   | --- | 50.0                                                 | "         | "    | "            | ---           | 107  | "           | --- | ---       |       |
| 4-Chlorotoluene             | 1080   | --- | 50.0                                                 | "         | "    | "            | ---           | 108  | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | 1060   | --- | 250                                                  | "         | "    | "            | ---           | 106  | "           | --- | ---       |       |
| Dibromochloromethane        | 1110   | --- | 100                                                  | "         | "    | "            | ---           | 111  | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | 1170   | --- | 25.0                                                 | "         | "    | "            | ---           | 117  | "           | --- | ---       |       |
| Dibromomethane              | 929    | --- | 50.0                                                 | "         | "    | "            | ---           | 93   | "           | --- | ---       |       |
| 1,2-Dichlorobenzene         | 1160   | --- | 25.0                                                 | "         | "    | "            | ---           | 116  | "           | --- | ---       |       |
| 1,3-Dichlorobenzene         | 1110   | --- | 25.0                                                 | "         | "    | "            | ---           | 111  | "           | --- | ---       |       |
| 1,4-Dichlorobenzene         | 1090   | --- | 25.0                                                 | "         | "    | "            | ---           | 109  | "           | --- | ---       |       |
| Dichlorodifluoromethane     | 673    | --- | 100                                                  | "         | "    | "            | ---           | 67   | "           | --- | ---       |       |
| 1,1-Dichloroethane          | 914    | --- | 25.0                                                 | "         | "    | "            | ---           | 91   | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | 870    | --- | 25.0                                                 | "         | "    | "            | ---           | 87   | "           | --- | ---       |       |
| 1,1-Dichloroethene          | 896    | --- | 25.0                                                 | "         | "    | "            | ---           | 90   | "           | --- | ---       |       |
| cis-1,2-Dichloroethene      | 914    | --- | 25.0                                                 | "         | "    | "            | ---           | 91   | "           | --- | ---       |       |
| trans-1,2-Dichloroethene    | 916    | --- | 25.0                                                 | "         | "    | "            | ---           | 92   | "           | --- | ---       |       |
| 1,2-Dichloropropane         | 944    | --- | 25.0                                                 | "         | "    | "            | ---           | 94   | "           | --- | ---       |       |
| 1,3-Dichloropropane         | 1080   | --- | 25.0                                                 | "         | "    | "            | ---           | 108  | "           | --- | ---       |       |
| 2,2-Dichloropropane         | 846    | --- | 50.0                                                 | "         | "    | "            | ---           | 85   | "           | --- | ---       |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                          | Result | MDL | Reporting Limit | Units     | Dil. | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-----------|------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1102466 - EPA 5035A</b> |        |     |                 |           |      | <b>Soil</b>                                       |               |      |             |     |           |       |
| <b>LCS (1102466-BS1)</b>         |        |     |                 |           |      | Prepared: 02/28/11 12:19 Analyzed: 02/28/11 13:14 |               |      |             |     |           |       |
| 1,1-Dichloropropene              | 854    | --- | 50.0            | ug/kg wet | "    | "                                                 | ---           | 85   | "           | --- | ---       |       |
| cis-1,3-Dichloropropene          | 1100   | --- | 25.0            | "         | "    | "                                                 | ---           | 110  | "           | --- | ---       |       |
| trans-1,3-Dichloropropene        | 1080   | --- | 50.0            | "         | "    | "                                                 | ---           | 108  | "           | --- | ---       |       |
| Ethylbenzene                     | 982    | --- | 25.0            | "         | "    | "                                                 | ---           | 98   | "           | --- | ---       |       |
| Hexachlorobutadiene              | 1150   | --- | 100             | "         | "    | "                                                 | ---           | 115  | "           | --- | ---       |       |
| 2-Hexanone                       | 2240   | --- | 500             | "         | "    | 2000                                              | ---           | 112  | "           | --- | ---       |       |
| Isopropylbenzene                 | 1070   | --- | 50.0            | "         | "    | 1000                                              | ---           | 107  | "           | --- | ---       |       |
| 4-Isopropyltoluene               | 1120   | --- | 50.0            | "         | "    | "                                                 | ---           | 112  | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)      | 2250   | --- | 500             | "         | "    | 2000                                              | ---           | 112  | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)   | 884    | --- | 50.0            | "         | "    | 1000                                              | ---           | 88   | "           | --- | ---       |       |
| Methylene chloride               | 467    | --- | 250             | "         | "    | "                                                 | ---           | 47   | "           | --- | ---       | ESTa  |
| Naphthalene                      | 1090   | --- | 100             | "         | "    | "                                                 | ---           | 109  | "           | --- | ---       |       |
| n-Propylbenzene                  | 1100   | --- | 25.0            | "         | "    | "                                                 | ---           | 110  | "           | --- | ---       |       |
| Styrene                          | 1090   | --- | 50.0            | "         | "    | "                                                 | ---           | 109  | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane        | 1040   | --- | 25.0            | "         | "    | "                                                 | ---           | 104  | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane        | 1180   | --- | 25.0            | "         | "    | "                                                 | ---           | 118  | "           | --- | ---       |       |
| Tetrachloroethene (PCE)          | 1110   | --- | 25.0            | "         | "    | "                                                 | ---           | 111  | "           | --- | ---       |       |
| Toluene                          | 1060   | --- | 50.0            | "         | "    | "                                                 | ---           | 106  | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene           | 1200   | --- | 250             | "         | "    | "                                                 | ---           | 120  | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene           | 1150   | --- | 250             | "         | "    | "                                                 | ---           | 115  | "           | --- | ---       |       |
| 1,1,1-Trichloroethane            | 888    | --- | 25.0            | "         | "    | "                                                 | ---           | 89   | "           | --- | ---       |       |
| 1,1,2-Trichloroethane            | 1070   | --- | 25.0            | "         | "    | "                                                 | ---           | 107  | "           | --- | ---       |       |
| Trichloroethene (TCE)            | 959    | --- | 25.0            | "         | "    | "                                                 | ---           | 96   | "           | --- | ---       |       |
| Trichlorofluoromethane           | 890    | --- | 50.0            | "         | "    | "                                                 | ---           | 89   | "           | --- | ---       |       |
| 1,2,3-Trichloropropane           | 1150   | --- | 50.0            | "         | "    | "                                                 | ---           | 115  | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene           | 1120   | --- | 50.0            | "         | "    | "                                                 | ---           | 112  | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene           | 1100   | --- | 50.0            | "         | "    | "                                                 | ---           | 110  | "           | --- | ---       |       |
| Vinyl chloride                   | 877    | --- | 25.0            | "         | "    | "                                                 | ---           | 88   | "           | --- | ---       |       |
| m,p-Xylene                       | 2230   | --- | 50.0            | "         | "    | 2000                                              | ---           | 111  | "           | --- | ---       |       |
| o-Xylene                         | 1070   | --- | 25.0            | "         | "    | 1000                                              | ---           | 107  | "           | --- | ---       |       |

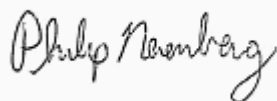
Surr: Dibromofluoromethane (Surr)  
1,4-Difluorobenzene (Surr)  
Toluene-d8 (Surr)  
4-Bromofluorobenzene (Surr)

Recovery: 99 % Limits: 70-130 %  
98 % 70-130 %  
111 % 70-130 %  
103 % 70-130 %

Dilution: 1x  
"  
"  
"

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West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

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03/04/11 10:49

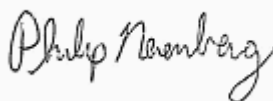
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL | Reporting Limit | Units     | Dil.                     | Spike Amount | Source Result            | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------------------|--------|-----|-----------------|-----------|--------------------------|--------------|--------------------------|------|-------------|-----|-----------|-------|
| Batch 1102466 - EPA 5035A                     |        |     |                 |           |                          |              | Soil                     |      |             |     |           |       |
| Matrix Spike (1102466-MS1)                    |        |     |                 |           | Prepared: 02/28/11 12:19 |              | Analyzed: 02/28/11 15:39 |      |             |     |           |       |
| QC Source Sample: PP-3(1.5-2) (A11B329-05RE1) |        |     |                 |           |                          |              |                          |      |             |     |           |       |
| 5035/8260B                                    |        |     |                 |           |                          |              |                          |      |             |     |           |       |
| Acetone                                       | 16200  | --- | 10300           | ug/kg dry | 500                      | 20700        | ND                       | 78   | 65-135%     | --- | ---       |       |
| Benzene                                       | 9330   | --- | 129             | "         | "                        | 10300        | 223                      | 88   | "           | --- | ---       |       |
| Bromobenzene                                  | 10100  | --- | 258             | "         | "                        | "            | ND                       | 97   | "           | --- | ---       |       |
| Bromochloromethane                            | 9110   | --- | 258             | "         | "                        | "            | ND                       | 88   | "           | --- | ---       |       |
| Bromodichloromethane                          | 9790   | --- | 258             | "         | "                        | "            | ND                       | 95   | "           | --- | ---       |       |
| Bromoform                                     | 9370   | --- | 517             | "         | "                        | "            | ND                       | 91   | "           | --- | ---       |       |
| Bromomethane                                  | 10600  | --- | 2580            | "         | "                        | "            | ND                       | 103  | "           | --- | ---       |       |
| 2-Butanone (MEK)                              | 17600  | --- | 5170            | "         | "                        | 20700        | ND                       | 85   | "           | --- | ---       |       |
| n-Butylbenzene                                | 11700  | --- | 517             | "         | "                        | 10300        | ND                       | 114  | "           | --- | ---       |       |
| sec-Butylbenzene                              | 11200  | --- | 517             | "         | "                        | "            | ND                       | 109  | "           | --- | ---       |       |
| tert-Butylbenzene                             | 10500  | --- | 517             | "         | "                        | "            | ND                       | 102  | "           | --- | ---       |       |
| Carbon tetrachloride                          | 9000   | --- | 258             | "         | "                        | "            | ND                       | 87   | "           | --- | ---       |       |
| Chlorobenzene                                 | 10500  | --- | 258             | "         | "                        | "            | ND                       | 102  | "           | --- | ---       |       |
| Chloroethane                                  | 8790   | --- | 5170            | "         | "                        | "            | ND                       | 85   | "           | --- | ---       |       |
| Chloroform                                    | 8980   | --- | 517             | "         | "                        | "            | ND                       | 87   | "           | --- | ---       |       |
| Chloromethane                                 | 8560   | --- | 2580            | "         | "                        | "            | ND                       | 83   | "           | --- | ---       |       |
| 2-Chlorotoluene                               | 10300  | --- | 517             | "         | "                        | "            | ND                       | 100  | "           | --- | ---       |       |
| 4-Chlorotoluene                               | 10400  | --- | 517             | "         | "                        | "            | ND                       | 101  | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane                   | 9980   | --- | 2580            | "         | "                        | "            | ND                       | 97   | "           | --- | ---       |       |
| Dibromochloromethane                          | 11100  | --- | 1030            | "         | "                        | "            | ND                       | 107  | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)                       | 11300  | --- | 258             | "         | "                        | "            | ND                       | 110  | "           | --- | ---       |       |
| Dibromomethane                                | 9540   | --- | 517             | "         | "                        | "            | ND                       | 92   | "           | --- | ---       |       |
| 1,2-Dichlorobenzene                           | 11500  | --- | 258             | "         | "                        | "            | ND                       | 111  | "           | --- | ---       |       |
| 1,3-Dichlorobenzene                           | 11000  | --- | 258             | "         | "                        | "            | ND                       | 107  | "           | --- | ---       |       |
| 1,4-Dichlorobenzene                           | 10600  | --- | 258             | "         | "                        | "            | ND                       | 102  | "           | --- | ---       |       |
| Dichlorodifluoromethane                       | 6580   | --- | 1030            | "         | "                        | "            | ND                       | 64   | "           | --- | ---       | Q-01  |
| 1,1-Dichloroethane                            | 9090   | --- | 258             | "         | "                        | "            | ND                       | 88   | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)                      | 8440   | --- | 258             | "         | "                        | "            | ND                       | 82   | "           | --- | ---       |       |
| 1,1-Dichloroethene                            | 8890   | --- | 258             | "         | "                        | "            | ND                       | 86   | "           | --- | ---       |       |
| cis-1,2-Dichloroethene                        | 9550   | --- | 258             | "         | "                        | "            | 567                      | 87   | "           | --- | ---       |       |
| trans-1,2-Dichloroethene                      | 9360   | --- | 258             | "         | "                        | "            | ND                       | 91   | "           | --- | ---       |       |
| 1,2-Dichloropropane                           | 9110   | --- | 258             | "         | "                        | "            | ND                       | 88   | "           | --- | ---       |       |
| 1,3-Dichloropropane                           | 10700  | --- | 258             | "         | "                        | "            | ND                       | 103  | "           | --- | ---       |       |

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West Linn, OR 97068Project: Short Stop Seattle  
Project Number: [none]  
Project Manager: David ColesReported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL             | Reporting Limit | Units            | Dil. | Spike Amount             | Source Result | %REC                     | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------------------|--------|-----------------|-----------------|------------------|------|--------------------------|---------------|--------------------------|-------------|-----|-----------|-------|
| Batch 1102466 - EPA 5035A                     |        |                 |                 |                  |      | Soil                     |               |                          |             |     |           |       |
| Matrix Spike (1102466-MS1)                    |        |                 |                 |                  |      | Prepared: 02/28/11 12:19 |               | Analyzed: 02/28/11 15:39 |             |     |           |       |
| QC Source Sample: PP-3(1.5-2) (A11B329-05RE1) |        |                 |                 |                  |      |                          |               |                          |             |     |           |       |
| 2,2-Dichloropropane                           | 8150   | ---             | 517             | ug/kg dry        | "    | "                        | ND            | 79                       | "           | --- | ---       |       |
| 1,1-Dichloropropene                           | 8640   | ---             | 517             | "                | "    | "                        | ND            | 84                       | "           | --- | ---       |       |
| cis-1,3-Dichloropropene                       | 10800  | ---             | 258             | "                | "    | "                        | ND            | 105                      | "           | --- | ---       |       |
| trans-1,3-Dichloropropene                     | 10800  | ---             | 517             | "                | "    | "                        | ND            | 104                      | "           | --- | ---       |       |
| Ethylbenzene                                  | 9850   | ---             | 258             | "                | "    | "                        | ND            | 95                       | "           | --- | ---       |       |
| Hexachlorobutadiene                           | 11500  | ---             | 1030            | "                | "    | "                        | ND            | 112                      | "           | --- | ---       |       |
| 2-Hexanone                                    | 22900  | ---             | 5170            | "                | "    | 20700                    | ND            | 111                      | "           | --- | ---       |       |
| Isopropylbenzene                              | 10800  | ---             | 517             | "                | "    | 10300                    | ND            | 104                      | "           | --- | ---       |       |
| 4-Isopropyltoluene                            | 11100  | ---             | 517             | "                | "    | "                        | ND            | 108                      | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)                   | 22500  | ---             | 5170            | "                | "    | 20700                    | ND            | 109                      | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)                | 8890   | ---             | 517             | "                | "    | 10300                    | ND            | 86                       | "           | --- | ---       |       |
| Methylene chloride                            | 4380   | ---             | 2580            | "                | "    | "                        | ND            | 42                       | "           | --- | ---       | ESTa  |
| Naphthalene                                   | 10300  | ---             | 1030            | "                | "    | "                        | ND            | 100                      | "           | --- | ---       |       |
| n-Propylbenzene                               | 10700  | ---             | 258             | "                | "    | "                        | ND            | 104                      | "           | --- | ---       |       |
| Styrene                                       | 11200  | ---             | 517             | "                | "    | "                        | ND            | 108                      | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane                     | 10400  | ---             | 258             | "                | "    | "                        | ND            | 101                      | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane                     | 11500  | ---             | 258             | "                | "    | "                        | ND            | 111                      | "           | --- | ---       |       |
| Tetrachloroethene (PCE)                       | 26700  | ---             | 258             | "                | "    | "                        | 18300         | 81                       | "           | --- | ---       |       |
| Toluene                                       | 10500  | ---             | 517             | "                | "    | "                        | ND            | 102                      | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene                        | 11900  | ---             | 2580            | "                | "    | "                        | ND            | 115                      | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene                        | 10900  | ---             | 2580            | "                | "    | "                        | ND            | 105                      | "           | --- | ---       |       |
| 1,1,1-Trichloroethane                         | 9150   | ---             | 258             | "                | "    | "                        | ND            | 89                       | "           | --- | ---       |       |
| 1,1,2-Trichloroethane                         | 10900  | ---             | 258             | "                | "    | "                        | ND            | 106                      | "           | --- | ---       |       |
| Trichloroethene (TCE)                         | 13800  | ---             | 258             | "                | "    | "                        | 5970          | 76                       | "           | --- | ---       |       |
| Trichlorofluoromethane                        | 9490   | ---             | 517             | "                | "    | "                        | ND            | 92                       | "           | --- | ---       |       |
| 1,2,3-Trichloropropane                        | 11600  | ---             | 517             | "                | "    | "                        | ND            | 112                      | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene                        | 11200  | ---             | 517             | "                | "    | "                        | ND            | 109                      | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene                        | 11000  | ---             | 517             | "                | "    | "                        | ND            | 106                      | "           | --- | ---       |       |
| Vinyl chloride                                | 8940   | ---             | 258             | "                | "    | "                        | ND            | 86                       | "           | --- | ---       |       |
| m,p-Xylene                                    | 22600  | ---             | 517             | "                | "    | 20700                    | ND            | 109                      | "           | --- | ---       |       |
| o-Xylene                                      | 10900  | ---             | 258             | "                | "    | 10300                    | ND            | 105                      | "           | --- | ---       |       |
| Surr: Dibromofluoromethane (Surr)             |        | Recovery: 103 % |                 | Limits: 70-130 % |      | Dilution: 1x             |               |                          |             |     |           |       |
| 1,4-Difluorobenzene (Surr)                    |        | 100 %           |                 | 70-130 %         |      | "                        |               |                          |             |     |           |       |

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Philip Nerenberg, Lab Director



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Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

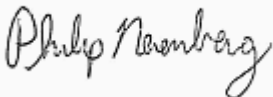
Reported:  
03/04/11 10:49

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL | Reporting Limit | Units | Dil.                                                | Spike Amount | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------------------|--------|-----|-----------------|-------|-----------------------------------------------------|--------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1102466 - EPA 5035A                     |        |     |                 |       |                                                     |              | Soil          |      |             |     |           |       |
| Matrix Spike (1102466-MS1)                    |        |     |                 |       | Prepared: 02/28/11 12:19   Analyzed: 02/28/11 15:39 |              |               |      |             |     |           |       |
| QC Source Sample: PP-3(1.5-2) (A11B329-05RE1) |        |     |                 |       |                                                     |              |               |      |             |     |           |       |
| Surr: Toluene-d8 (Surr)                       |        |     | Recovery: 114 % |       | Limits: 70-130 %                                    |              | Dilution: 1x  |      |             |     |           |       |
| 4-Bromofluorobenzene (Surr)                   |        |     | 103 %           |       | 70-130 %                                            |              | "             |      |             |     |           |       |

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Project Number: [none]  
Project Manager: David Coles**Reported:**  
03/04/11 10:49

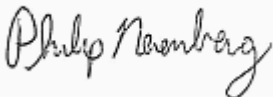
## QUALITY CONTROL (QC) SAMPLE RESULTS

## Percent Dry Weight

| Analyte                                    | Result | MDL | Reporting Limit | Units       | Dil.                     | Spike Amount | Source Result            | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------------------------|--------|-----|-----------------|-------------|--------------------------|--------------|--------------------------|------|-------------|-----|-----------|-------|
| Batch 1102447 - Total Solids (Dry Weight)  |        |     |                 |             |                          |              | Soil                     |      |             |     |           |       |
| Duplicate (1102447-DUP1)                   |        |     |                 |             | Prepared: 02/25/11 11:18 |              | Analyzed: 02/26/11 10:38 |      |             |     |           |       |
| QC Source Sample: PP-3(1.5-2) (A11B329-05) |        |     |                 |             |                          |              |                          |      |             |     |           |       |
| Apex SOP                                   |        |     |                 |             |                          |              |                          |      |             |     |           |       |
| % Solids                                   | 89.2   | --- | 1.00            | % by Weight | 1                        | ---          | 89.1                     | ---  | ---         | 0.1 | 20%       |       |
| Duplicate (1102447-DUP2)                   |        |     |                 |             | Prepared: 02/25/11 11:18 |              | Analyzed: 02/26/11 10:38 |      |             |     |           |       |
| QC Source Sample: PP-5(12-13) (A11B329-12) |        |     |                 |             |                          |              |                          |      |             |     |           |       |
| Apex SOP                                   |        |     |                 |             |                          |              |                          |      |             |     |           |       |
| % Solids                                   | 82.1   | --- | 1.00            | % by Weight | 1                        | ---          | 81.8                     | ---  | ---         | 0.4 | 20%       |       |

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle

Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

## SAMPLE PREPARATION INFORMATION

### Gasoline Range Hydrocarbons (Benzene to Naphthalene) by NWTPH-Gx

#### Prep: EPA 5035A

| Lab Number     | Matrix | Method   | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|----------------|--------|----------|----------------|----------------|-------------------------|--------------------------|-------------------|
| Batch: 1102426 |        |          |                |                |                         |                          |                   |
| A11B329-01     | Soil   | NWTPH-Gx | 02/21/11 14:45 | 02/21/11 14:45 | 6.2g/5mL                | 10g/10mL                 | 0.81              |
| A11B329-02     | Soil   | NWTPH-Gx | 02/21/11 14:46 | 02/21/11 14:46 | 5.7g/5mL                | 10g/10mL                 | 0.88              |
| A11B329-04     | Soil   | NWTPH-Gx | 02/21/11 15:15 | 02/21/11 15:15 | 6.5g/5mL                | 10g/10mL                 | 0.77              |
| A11B329-08     | Soil   | NWTPH-Gx | 02/21/11 16:08 | 02/21/11 16:08 | 5.92g/5mL               | 10g/10mL                 | 0.85              |
| A11B329-10     | Soil   | NWTPH-Gx | 02/21/11 17:10 | 02/21/11 17:10 | 5.29g/5mL               | 10g/10mL                 | 0.95              |
| A11B329-14     | Soil   | NWTPH-Gx | 02/22/11 10:15 | 02/22/11 10:15 | 4.97g/5mL               | 10g/10mL                 | 1.01              |
| Batch: 1102434 |        |          |                |                |                         |                          |                   |
| A11B329-03RE1  | Soil   | NWTPH-Gx | 02/21/11 15:12 | 02/21/11 15:12 | 5.66g/5mL               | 10g/10mL                 | 0.88              |
| A11B329-07RE1  | Soil   | NWTPH-Gx | 02/21/11 16:02 | 02/21/11 16:02 | 5.77g/5mL               | 10g/10mL                 | 0.87              |
| A11B329-16     | Soil   | NWTPH-Gx | 02/22/11 11:45 | 02/22/11 11:45 | 5.69g/5mL               | 10g/10mL                 | 0.88              |
| Batch: 1102466 |        |          |                |                |                         |                          |                   |
| A11B329-15RE2  | Soil   | NWTPH-Gx | 02/22/11 10:08 | 02/22/11 10:08 | 4.37g/5mL               | 10g/10mL                 | 1.14              |

### Volatile Organic Compounds by EPA 8260B

#### Prep: EPA 5030B

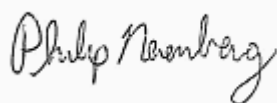
| Lab Number     | Matrix | Method    | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|----------------|--------|-----------|----------------|----------------|-------------------------|--------------------------|-------------------|
| Batch: 1102413 |        |           |                |                |                         |                          |                   |
| A11B329-17     | Water  | EPA 8260B | 02/22/11 00:00 | 02/24/11 12:56 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |

#### Prep: EPA 5035A

| Lab Number     | Matrix | Method     | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|----------------|--------|------------|----------------|----------------|-------------------------|--------------------------|-------------------|
| Batch: 1102426 |        |            |                |                |                         |                          |                   |
| A11B329-01     | Soil   | 5035/8260B | 02/21/11 14:45 | 02/21/11 14:45 | 6.2g/5mL                | 10g/10mL                 | 0.81              |
| A11B329-03     | Soil   | 5035/8260B | 02/21/11 15:12 | 02/21/11 15:12 | 5.66g/5mL               | 10g/10mL                 | 0.88              |
| A11B329-04     | Soil   | 5035/8260B | 02/21/11 15:15 | 02/21/11 15:15 | 6.5g/5mL                | 10g/10mL                 | 0.77              |
| A11B329-05     | Soil   | 5035/8260B | 02/21/11 15:25 | 02/21/11 15:25 | 5.98g/5mL               | 10g/10mL                 | 0.84              |
| A11B329-07     | Soil   | 5035/8260B | 02/21/11 16:02 | 02/21/11 16:02 | 5.77g/5mL               | 10g/10mL                 | 0.87              |
| A11B329-08     | Soil   | 5035/8260B | 02/21/11 16:08 | 02/21/11 16:08 | 5.92g/5mL               | 10g/10mL                 | 0.85              |
| A11B329-09     | Soil   | 5035/8260B | 02/21/11 16:45 | 02/21/11 16:45 | 5.94g/5mL               | 10g/10mL                 | 0.84              |
| A11B329-10     | Soil   | 5035/8260B | 02/21/11 17:10 | 02/21/11 17:10 | 5.29g/5mL               | 10g/10mL                 | 0.95              |
| A11B329-11     | Soil   | 5035/8260B | 02/21/11 17:30 | 02/21/11 17:30 | 5.29g/5mL               | 10g/10mL                 | 0.95              |
| A11B329-12     | Soil   | 5035/8260B | 02/21/11 17:42 | 02/21/11 17:42 | 5.67g/5mL               | 10g/10mL                 | 0.88              |
| A11B329-13     | Soil   | 5035/8260B | 02/22/11 09:48 | 02/22/11 09:48 | 5.12g/5mL               | 10g/10mL                 | 0.98              |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop Seattle

Project Number: [none]

Project Manager: David Coles

Reported:  
03/04/11 10:49

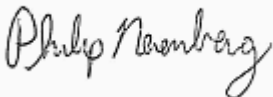
## SAMPLE PREPARATION INFORMATION

## Volatile Organic Compounds by EPA 8260B

**Prep: EPA 5035A**

| Lab Number            | Matrix | Method     | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|-----------------------|--------|------------|----------------|----------------|-------------------------|--------------------------|-------------------|
| A11B329-14            | Soil   | 5035/8260B | 02/22/11 10:15 | 02/22/11 10:15 | 4.97g/5mL               | 10g/10mL                 | 1.01              |
| <b>Batch: 1102434</b> |        |            |                |                |                         |                          |                   |
| A11B329-15RE1         | Soil   | 5035/8260B | 02/22/11 10:08 | 02/22/11 10:08 | 4.37g/5mL               | 10g/10mL                 | 1.14              |
| A11B329-16            | Soil   | 5035/8260B | 02/22/11 11:45 | 02/22/11 11:45 | 5.69g/5mL               | 10g/10mL                 | 0.88              |
| <b>Batch: 1102466</b> |        |            |                |                |                         |                          |                   |
| A11B329-02RE1         | Soil   | 5035/8260B | 02/21/11 14:46 | 02/21/11 14:46 | 5.7g/5mL                | 10g/10mL                 | 0.88              |
| A11B329-05RE1         | Soil   | 5035/8260B | 02/21/11 15:25 | 02/21/11 15:25 | 5.98g/5mL               | 10g/10mL                 | 0.84              |
| A11B329-06RE1         | Soil   | 5035/8260B | 02/21/11 15:33 | 02/21/11 15:33 | 5.87g/5mL               | 10g/10mL                 | 0.85              |

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Philip Nerenberg, Lab Director

Page 77 of 81

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

## Notes and Definitions

### Qualifiers:

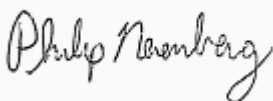
- E Estimated Value. The result is above the calibration range of the instrument.
- EST Result reported as an Estimated Value. Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high.
- ESTa Result reported as an Estimated Value. Recovery for Lab Control Spike (LCS) is below the lower control limit. Data may be biased low.
- ESTb Result reported as an Estimated Value. Recovery of Continuing Calibration Verification sample above upper control limit for this analyte. Data is likely biased high.
- Q-01 Percent recovery and/or RPD is outside acceptance limits.
- Q-03 Percent recovery and/or RPD is outside control limits due to the high concentration of analyte present in the sample.
- Q-04 Percent recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
- Q-05 Analyses are not controlled on RPD values from sample or duplicate concentrations near or below the reporting level.
- Q-29 Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high.
- R-01 The Reporting Limit for this analyte has been raised to account for matrix interference.
- S-02 Surrogate recovery cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

### Notes and Conventions:

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry' designation are not dry weight corrected.
- RPD Relative Percent Difference
- MDL If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
- WMSC Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
- Batch QC Unless specifically requested, this report contains only results for Batch QC derived from client samples included in this report. All analyses were performed with the appropriate Batch QC (including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates) in order to meet or exceed method and regulatory requirements. Any exceptions to this will be qualified in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
- Blank Policy Apex assesses blank data for potential high bias down to a level equal to 1/2 the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses.  
  
For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor.  
  
Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.

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Philip Nerenberg, Lab Director



**Coles Environmental**

750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**

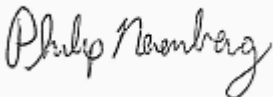
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
03/04/11 10:49

--- QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

\*\*\* Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop Seattle**

Project Number: [none]  
Project Manager: David Coles

Reported:  
03/04/11 10:49

Lab # A118329 coc 1 of 2

## CHAIN OF CUSTODY

**APEX LABS**

12232 S.W. Garden Place, Tigard, OR 97223 P# 503-718-2323 Fax: 503-718-0333

| Company: <u>Coles Environ. Consult.</u>            |          | Project Name: <u>Short Stop Seattle</u> |       | Project #                        |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
|----------------------------------------------------|----------|-----------------------------------------|-------|----------------------------------|-----------------|------------|-------------------|---------|-----|----------------|---------------|-----------|---------------|-----------|---------------|-----------------|----------------------|-----------------------|------------------------------------------------|----------------------------------------------------------------------------------------|--------|-----------|--------|--|--|
| Address: <u>750 Rosemont Rd, West Linn, OR</u>     |          | Phone: <u>503-636-3102</u>              |       | Email: <u>dcoles@comcast.net</u> |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Sampled by: <u>D.G. Coles</u>                      |          |                                         |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Site Location: OR                                  | WA       |                                         |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Other:                                             |          |                                         |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| SAMPLE ID                                          | LAB ID # | DATE                                    | TIME  | MATRIX                           | # OF CONTAINERS | NWTH-DECID | NWTH-BX           | NWTH-GX | BTX | 3260 RBDM VOCs | 3260 HMB VOCs | 3260 VOCs | 8270 SEM PAHs | 8082 PCBs | 8081 Chl. Pst | RCRA Metals (8) | Priority Metals (13) | As, Ag, Na, Ti, V, Zn | Cd, Cr, Mn, Ni, Pb, Se, Si, Sn, Zn, Cu, Fe, Pt | Al, Sb, Ar, Ba, Be, Bi, Br, Ca, Co, Cs, Hg, K, Li, Mg, Mo, Ni, Rb, Sr, Tl, U, W, Y, Zr | 1200-Z | 1200-COLS | 1200-Z |  |  |
| PP-1 (10.5-11.5)                                   |          | 2/24/11                                 | 1445  | S                                | 3               |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-1 (13-14)                                       |          |                                         | 1446  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-2 (13-14)                                       |          |                                         | 1572  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-2 (14-15)                                       |          |                                         | 1515  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-3 (1.5-2)                                       |          |                                         | 1525  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-3 (8.5-9)                                       |          |                                         | 1533  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-3 (15-16)                                       |          |                                         | 1602  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-3 (19-20)                                       |          |                                         | 1608  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-4 (0.5-1.5)                                     |          |                                         | 1645  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| PP-4 (12-13)                                       |          |                                         | 1710  |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Normal Turn Around Time (TAT) = 7-10 Business Days |          |                                         |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| TAT Requested (circle)                             |          | 1 Day                                   | 2 Day | 3 Day                            | 4 DAY           | 5 DAY      | Other: <u>STD</u> |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| SAMPLES ARE HELD FOR 30 DAYS                       |          |                                         |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| RELINQUISHED BY:                                   |          | RECEIVED BY:                            |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Signature: <u>Philip Nerenberg</u>                 |          | Signature: <u>David Coles</u>           |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Date: <u>2/23/11</u>                               |          | Date: <u>2/23/11</u>                    |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Printed Name: <u>D. G. Coles</u>                   |          | Printed Name: <u>David Coles</u>        |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Title:                                             |          | Title:                                  |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |
| Company: <u>CEC</u>                                |          | Company: <u>Apex</u>                    |       |                                  |                 |            |                   |         |     |                |               |           |               |           |               |                 |                      |                       |                                                |                                                                                        |        |           |        |  |  |

SPECIAL INSTRUCTIONS:  
NOTE: Red, circled number on the bottom of VOA's relates to the sequence or sample number on the left side of the list (1-17)

Apex Laboratories

*Philip Nerenberg*

Philip Nerenberg, Lab Director

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# Apex Labs

12232 S.W. Garden Place  
Tigard, OR 97223  
503-718-2323 Phone  
503-718-0333 Fax

Wednesday, April 6, 2011

David Coles  
Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

RE: Short Stop #1 / [none]

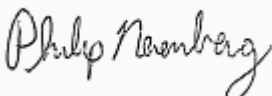
Enclosed are the results of analyses for work order A11C337, which was received by the laboratory on 3/24/2011 at 12:30:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: [pnerenberg@apex-labs.com](mailto:pnerenberg@apex-labs.com), or by phone at 503-718-2323.

---

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---

Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

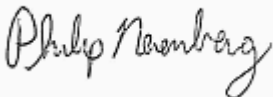
Reported:  
04/06/11 16:21

## ANALYTICAL REPORT FOR SAMPLES

### SAMPLE INFORMATION

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| MW-1      | A11C337-01    | Water  | 03/22/11 17:35 | 03/24/11 12:30 |
| MW-2      | A11C337-02    | Water  | 03/23/11 10:10 | 03/24/11 12:30 |
| MW-3      | A11C337-03    | Water  | 03/23/11 12:10 | 03/24/11 12:30 |
| MW-4      | A11C337-04    | Water  | 03/23/11 11:00 | 03/24/11 12:30 |
| MW-4D     | A11C337-05    | Water  | 03/23/11 11:05 | 03/24/11 12:30 |
| MW-5      | A11C337-06    | Water  | 03/23/11 13:05 | 03/24/11 12:30 |
| MW-6      | A11C337-07    | Water  | 03/22/11 16:20 | 03/24/11 12:30 |
| TB        | A11C337-08    | Water  | 03/22/11 00:00 | 03/24/11 12:30 |

Apex Laboratories



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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

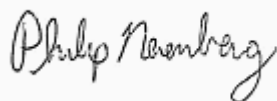
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-1 (A11C337-01)</b>    |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 12:05 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

Reported:  
04/06/11 16:21

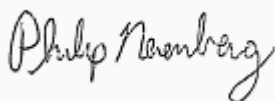
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL                    | Reporting Limit      | Units                   | Dilution              | Date Analyzed | Method    | Notes |
|-----------------------------------------------|--------|------------------------|----------------------|-------------------------|-----------------------|---------------|-----------|-------|
| <b>MW-1 (A11C337-01)</b>                      |        |                        | <b>Matrix: Water</b> |                         | <b>Batch: 1103417</b> |               |           |       |
| cis-1,3-Dichloropropene                       | ND     | ---                    | 0.500                | ug/L                    | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene                     | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| Ethylbenzene                                  | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Hexachlorobutadiene                           | ND     | ---                    | 5.00                 | "                       | "                     | "             | "         |       |
| 2-Hexanone                                    | ND     | ---                    | 10.0                 | "                       | "                     | "             | "         |       |
| Isopropylbenzene                              | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 4-Isopropyltoluene                            | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND     | ---                    | 10.0                 | "                       | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)                | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| Methylene chloride                            | ND     | ---                    | 5.00                 | "                       | "                     | "             | "         |       |
| Naphthalene                                   | ND     | ---                    | 2.00                 | "                       | "                     | "             | "         |       |
| n-Propylbenzene                               | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Styrene                                       | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane                     | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane                     | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Tetrachloroethene (PCE)                       | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Toluene                                       | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                        | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                        | ND     | ---                    | 2.00                 | "                       | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                         | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                         | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Trichloroethene (TCE)                         | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Trichlorofluoromethane                        | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                        | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                        | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                        | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| Vinyl chloride                                | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| m,p-Xylene                                    | ND     | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| o-Xylene                                      | ND     | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |        | <i>Recovery: 103 %</i> |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |        | <i>104 %</i>           |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>Toluene-d8 (Surr)</i>                      |        | <i>94 %</i>            |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |        | <i>107 %</i>           |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

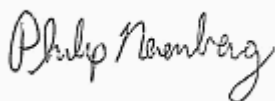
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-2 (A11C337-02)</b>    |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 12:30 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

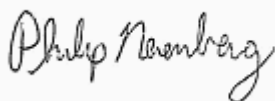
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                | Result | MDL             | Reporting Limit      | Units            | Dilution              | Date Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|----------------------|------------------|-----------------------|---------------|-----------|-------|
| <b>MW-2 (A11C337-02)</b>               |        |                 | <b>Matrix: Water</b> |                  | <b>Batch: 1103417</b> |               |           |       |
| cis-1,3-Dichloropropene                | ND     | ---             | 0.500                | ug/L             | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene              | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| Ethylbenzene                           | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Hexachlorobutadiene                    | ND     | ---             | 5.00                 | "                | "                     | "             | "         |       |
| 2-Hexanone                             | ND     | ---             | 10.0                 | "                | "                     | "             | "         |       |
| Isopropylbenzene                       | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 4-Isopropyltoluene                     | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)            | ND     | ---             | 10.0                 | "                | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)         | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| Methylene chloride                     | ND     | ---             | 5.00                 | "                | "                     | "             | "         |       |
| Naphthalene                            | ND     | ---             | 2.00                 | "                | "                     | "             | "         |       |
| n-Propylbenzene                        | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Styrene                                | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane              | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane              | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Tetrachloroethene (PCE)                | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Toluene                                | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                 | ND     | ---             | 2.00                 | "                | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                  | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                  | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Trichloroethene (TCE)                  | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Trichlorofluoromethane                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| Vinyl chloride                         | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| m,p-Xylene                             | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| o-Xylene                               | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Surrogate: Dibromofluoromethane (Surr) |        | Recovery: 101 % |                      | Limits: 80-120 % | "                     | "             | "         |       |
| 1,4-Difluorobenzene (Surr)             |        | 105 %           |                      | Limits: 80-120 % | "                     | "             | "         |       |
| Toluene-d8 (Surr)                      |        | 91 %            |                      | Limits: 80-120 % | "                     | "             | "         |       |
| 4-Bromofluorobenzene (Surr)            |        | 102 %           |                      | Limits: 80-120 % | "                     | "             | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: Short Stop #1  
Project Number: [none]  
Project Manager: David Coles

Reported:  
04/06/11 16:21

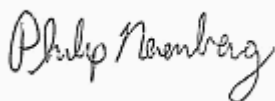
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-3 (A11C337-03)</b>    |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 12:55 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

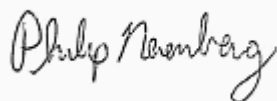
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                | Result | MDL             | Reporting Limit      | Units            | Dilution              | Date Analyzed | Method    | Notes |
|----------------------------------------|--------|-----------------|----------------------|------------------|-----------------------|---------------|-----------|-------|
| <b>MW-3 (A11C337-03)</b>               |        |                 | <b>Matrix: Water</b> |                  | <b>Batch: 1103417</b> |               |           |       |
| cis-1,3-Dichloropropene                | ND     | ---             | 0.500                | ug/L             | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene              | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| Ethylbenzene                           | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Hexachlorobutadiene                    | ND     | ---             | 5.00                 | "                | "                     | "             | "         |       |
| 2-Hexanone                             | ND     | ---             | 10.0                 | "                | "                     | "             | "         |       |
| Isopropylbenzene                       | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 4-Isopropyltoluene                     | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)            | ND     | ---             | 10.0                 | "                | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)         | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| Methylene chloride                     | ND     | ---             | 5.00                 | "                | "                     | "             | "         |       |
| Naphthalene                            | ND     | ---             | 2.00                 | "                | "                     | "             | "         |       |
| n-Propylbenzene                        | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Styrene                                | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane              | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane              | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Tetrachloroethene (PCE)                | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Toluene                                | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                 | ND     | ---             | 2.00                 | "                | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                  | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                  | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Trichloroethene (TCE)                  | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Trichlorofluoromethane                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                 | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| Vinyl chloride                         | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| m,p-Xylene                             | ND     | ---             | 1.00                 | "                | "                     | "             | "         |       |
| o-Xylene                               | ND     | ---             | 0.500                | "                | "                     | "             | "         |       |
| Surrogate: Dibromofluoromethane (Surr) |        | Recovery: 102 % |                      | Limits: 80-120 % | "                     | "             | "         |       |
| 1,4-Difluorobenzene (Surr)             |        | 106 %           |                      | Limits: 80-120 % | "                     | "             | "         |       |
| Toluene-d8 (Surr)                      |        | 92 %            |                      | Limits: 80-120 % | "                     | "             | "         |       |
| 4-Bromofluorobenzene (Surr)            |        | 109 %           |                      | Limits: 80-120 % | "                     | "             | "         |       |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

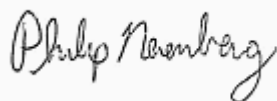
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-4 (A11C337-04)</b>    |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 13:21 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

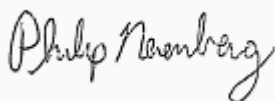
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL                    | Reporting Limit      | Units                   | Dilution | Date Analyzed | Method    | Notes |
|-----------------------------------------------|--------|------------------------|----------------------|-------------------------|----------|---------------|-----------|-------|
| <b>MW-4 (A11C337-04)</b>                      |        |                        | <b>Matrix: Water</b> | <b>Batch: 1103417</b>   |          |               |           |       |
| cis-1,3-Dichloropropene                       | ND     | ---                    | 0.500                | ug/L                    | 1        | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene                     | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| Ethylbenzene                                  | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| Hexachlorobutadiene                           | ND     | ---                    | 5.00                 | "                       | "        | "             | "         |       |
| 2-Hexanone                                    | ND     | ---                    | 10.0                 | "                       | "        | "             | "         |       |
| Isopropylbenzene                              | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 4-Isopropyltoluene                            | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND     | ---                    | 10.0                 | "                       | "        | "             | "         |       |
| Methyl tert-butyl ether (MTBE)                | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| Methylene chloride                            | ND     | ---                    | 5.00                 | "                       | "        | "             | "         |       |
| Naphthalene                                   | ND     | ---                    | 2.00                 | "                       | "        | "             | "         |       |
| n-Propylbenzene                               | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| Styrene                                       | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 1,1,1,2-Tetrachloroethane                     | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| 1,1,2,2-Tetrachloroethane                     | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| Tetrachloroethene (PCE)                       | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| Toluene                                       | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 1,2,3-Trichlorobenzene                        | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 1,2,4-Trichlorobenzene                        | ND     | ---                    | 2.00                 | "                       | "        | "             | "         |       |
| 1,1,1-Trichloroethane                         | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| 1,1,2-Trichloroethane                         | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| Trichloroethene (TCE)                         | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| Trichlorofluoromethane                        | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 1,2,3-Trichloropropane                        | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 1,2,4-Trimethylbenzene                        | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| 1,3,5-Trimethylbenzene                        | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| Vinyl chloride                                | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| m,p-Xylene                                    | ND     | ---                    | 1.00                 | "                       | "        | "             | "         |       |
| o-Xylene                                      | ND     | ---                    | 0.500                | "                       | "        | "             | "         |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |        | <i>Recovery: 100 %</i> |                      | <i>Limits: 80-120 %</i> | "        | "             | "         |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |        | <i>110 %</i>           |                      | <i>Limits: 80-120 %</i> | "        | "             | "         |       |
| <i>Toluene-d8 (Surr)</i>                      |        | <i>94 %</i>            |                      | <i>Limits: 80-120 %</i> | "        | "             | "         |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |        | <i>107 %</i>           |                      | <i>Limits: 80-120 %</i> | "        | "             | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

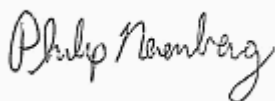
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-4D (A11C337-05)</b>   |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 13:46 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

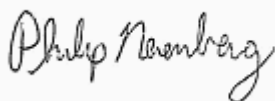
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                                | Result | MDL | Reporting Limit      | Units            | Dilution              | Date Analyzed | Method    | Notes |
|----------------------------------------|--------|-----|----------------------|------------------|-----------------------|---------------|-----------|-------|
| <b>MW-4D (A11C337-05)</b>              |        |     | <b>Matrix: Water</b> |                  | <b>Batch: 1103417</b> |               |           |       |
| cis-1,3-Dichloropropene                | ND     | --- | 0.500                | ug/L             | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene              | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| Ethylbenzene                           | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Hexachlorobutadiene                    | ND     | --- | 5.00                 | "                | "                     | "             | "         |       |
| 2-Hexanone                             | ND     | --- | 10.0                 | "                | "                     | "             | "         |       |
| Isopropylbenzene                       | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 4-Isopropyltoluene                     | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)            | ND     | --- | 10.0                 | "                | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)         | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| Methylene chloride                     | ND     | --- | 5.00                 | "                | "                     | "             | "         |       |
| Naphthalene                            | ND     | --- | 2.00                 | "                | "                     | "             | "         |       |
| n-Propylbenzene                        | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Styrene                                | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane              | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane              | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Tetrachloroethene (PCE)                | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Toluene                                | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                 | ND     | --- | 2.00                 | "                | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                  | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                  | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Trichloroethene (TCE)                  | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Trichlorofluoromethane                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                 | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| Vinyl chloride                         | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| m,p-Xylene                             | ND     | --- | 1.00                 | "                | "                     | "             | "         |       |
| o-Xylene                               | ND     | --- | 0.500                | "                | "                     | "             | "         |       |
| Surrogate: Dibromofluoromethane (Surr) |        |     | Recovery: 99 %       | Limits: 80-120 % | "                     | "             | "         |       |
| 1,4-Difluorobenzene (Surr)             |        |     | 102 %                | Limits: 80-120 % | "                     | "             | "         |       |
| Toluene-d8 (Surr)                      |        |     | 92 %                 | Limits: 80-120 % | "                     | "             | "         |       |
| 4-Bromofluorobenzene (Surr)            |        |     | 107 %                | Limits: 80-120 % | "                     | "             | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

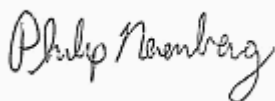
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-5 (A11C337-06)</b>    |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 14:11 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

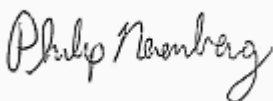
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL | Reporting Limit       | Units                   | Dilution | Date Analyzed | Method    | Notes |
|-----------------------------------------------|--------|-----|-----------------------|-------------------------|----------|---------------|-----------|-------|
| <b>MW-5 (A11C337-06)</b>                      |        |     | <b>Matrix: Water</b>  | <b>Batch: 1103417</b>   |          |               |           |       |
| cis-1,3-Dichloropropene                       | ND     | --- | 0.500                 | ug/L                    | 1        | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene                     | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| Ethylbenzene                                  | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| Hexachlorobutadiene                           | ND     | --- | 5.00                  | "                       | "        | "             | "         |       |
| 2-Hexanone                                    | ND     | --- | 10.0                  | "                       | "        | "             | "         |       |
| Isopropylbenzene                              | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 4-Isopropyltoluene                            | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND     | --- | 10.0                  | "                       | "        | "             | "         |       |
| Methyl tert-butyl ether (MTBE)                | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| Methylene chloride                            | ND     | --- | 5.00                  | "                       | "        | "             | "         |       |
| Naphthalene                                   | ND     | --- | 2.00                  | "                       | "        | "             | "         |       |
| n-Propylbenzene                               | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| Styrene                                       | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 1,1,1,2-Tetrachloroethane                     | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| 1,1,2,2-Tetrachloroethane                     | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| Tetrachloroethene (PCE)                       | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| Toluene                                       | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 1,2,3-Trichlorobenzene                        | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 1,2,4-Trichlorobenzene                        | ND     | --- | 2.00                  | "                       | "        | "             | "         |       |
| 1,1,1-Trichloroethane                         | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| 1,1,2-Trichloroethane                         | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| Trichloroethene (TCE)                         | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| Trichlorofluoromethane                        | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 1,2,3-Trichloropropane                        | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 1,2,4-Trimethylbenzene                        | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| 1,3,5-Trimethylbenzene                        | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| Vinyl chloride                                | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| m,p-Xylene                                    | ND     | --- | 1.00                  | "                       | "        | "             | "         |       |
| o-Xylene                                      | ND     | --- | 0.500                 | "                       | "        | "             | "         |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |        |     | <i>Recovery: 98 %</i> | <i>Limits: 80-120 %</i> | "        | "             | "         |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |        |     | <i>105 %</i>          | <i>Limits: 80-120 %</i> | "        | "             | "         |       |
| <i>Toluene-d8 (Surr)</i>                      |        |     | <i>93 %</i>           | <i>Limits: 80-120 %</i> | "        | "             | "         |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |        |     | <i>104 %</i>          | <i>Limits: 80-120 %</i> | "        | "             | "         |       |

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

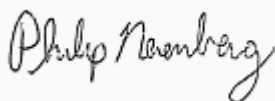
## ANALYTICAL SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                       | Result       | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-------------------------------|--------------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>MW-6 (A11C337-07)</b>      |              |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                       | ND           | --- | 20.0                 | ug/L  | 1                     | 03/25/11 14:36 | EPA 8260B |       |
| Benzene                       | ND           | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                  | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane            | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane          | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                     | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                  | ND           | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)              | ND           | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene                | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene              | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene             | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride          | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene                 | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                  | ND           | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                    | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane                 | ND           | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene               | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene               | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane   | ND           | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane          | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)       | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane                | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene           | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene           | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene           | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane       | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane            | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)      | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene            | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| <b>cis-1,2-Dichloroethene</b> | <b>0.660</b> | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene      | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane           | ND           | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane           | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane           | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene           | ND           | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

Reported:  
04/06/11 16:21

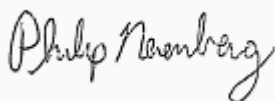
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result      | MDL                    | Reporting Limit      | Units                   | Dilution              | Date Analyzed | Method    | Notes |
|-----------------------------------------------|-------------|------------------------|----------------------|-------------------------|-----------------------|---------------|-----------|-------|
| <b>MW-6 (A11C337-07)</b>                      |             |                        | <b>Matrix: Water</b> |                         | <b>Batch: 1103417</b> |               |           |       |
| cis-1,3-Dichloropropene                       | ND          | ---                    | 0.500                | ug/L                    | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene                     | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| Ethylbenzene                                  | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Hexachlorobutadiene                           | ND          | ---                    | 5.00                 | "                       | "                     | "             | "         |       |
| 2-Hexanone                                    | ND          | ---                    | 10.0                 | "                       | "                     | "             | "         |       |
| Isopropylbenzene                              | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 4-Isopropyltoluene                            | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND          | ---                    | 10.0                 | "                       | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)                | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| Methylene chloride                            | ND          | ---                    | 5.00                 | "                       | "                     | "             | "         |       |
| Naphthalene                                   | ND          | ---                    | 2.00                 | "                       | "                     | "             | "         |       |
| n-Propylbenzene                               | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Styrene                                       | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane                     | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane                     | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| <b>Tetrachloroethene (PCE)</b>                | <b>1.73</b> | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Toluene                                       | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                        | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                        | ND          | ---                    | 2.00                 | "                       | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                         | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                         | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Trichloroethene (TCE)                         | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| Trichlorofluoromethane                        | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                        | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                        | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                        | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| Vinyl chloride                                | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| m,p-Xylene                                    | ND          | ---                    | 1.00                 | "                       | "                     | "             | "         |       |
| o-Xylene                                      | ND          | ---                    | 0.500                | "                       | "                     | "             | "         |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |             | <i>Recovery: 107 %</i> |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |             | <i>110 %</i>           |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>Toluene-d8 (Surr)</i>                      |             | <i>92 %</i>            |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |             | <i>103 %</i>           |                      | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

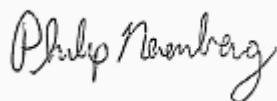
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit      | Units | Dilution              | Date Analyzed  | Method    | Notes |
|-----------------------------|--------|-----|----------------------|-------|-----------------------|----------------|-----------|-------|
| <b>TB (A11C337-08)</b>      |        |     | <b>Matrix: Water</b> |       | <b>Batch: 1103417</b> |                |           |       |
| Acetone                     | ND     | --- | 20.0                 | ug/L  | 1                     | 03/25/11 11:39 | EPA 8260B |       |
| Benzene                     | ND     | --- | 0.250                | "     | "                     | "              | "         |       |
| Bromobenzene                | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromochloromethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromodichloromethane        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Bromoform                   | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Bromomethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0                 | "     | "                     | "              | "         |       |
| n-Butylbenzene              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| sec-Butylbenzene            | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| tert-Butylbenzene           | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Carbon tetrachloride        | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chlorobenzene               | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Chloroethane                | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Chloroform                  | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| Chloromethane               | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| 2-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 4-Chlorotoluene             | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00                 | "     | "                     | "              | "         |       |
| Dibromochloromethane        | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dibromomethane              | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500                | "     | "                     | "              | "         |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |
| 1,1-Dichloropropene         | ND     | --- | 1.00                 | "     | "                     | "              | "         |       |

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Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

Reported:  
04/06/11 16:21

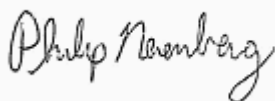
## ANALYTICAL SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                                       | Result | MDL | Reporting Limit       | Units                   | Dilution              | Date Analyzed | Method    | Notes |
|-----------------------------------------------|--------|-----|-----------------------|-------------------------|-----------------------|---------------|-----------|-------|
| <b>TB (A11C337-08)</b>                        |        |     | <b>Matrix: Water</b>  |                         | <b>Batch: 1103417</b> |               |           |       |
| cis-1,3-Dichloropropene                       | ND     | --- | 0.500                 | ug/L                    | 1                     | "             | EPA 8260B |       |
| trans-1,3-Dichloropropene                     | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| Ethylbenzene                                  | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| Hexachlorobutadiene                           | ND     | --- | 5.00                  | "                       | "                     | "             | "         |       |
| 2-Hexanone                                    | ND     | --- | 10.0                  | "                       | "                     | "             | "         |       |
| Isopropylbenzene                              | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 4-Isopropyltoluene                            | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 4-Methyl-2-pentanone (MiBK)                   | ND     | --- | 10.0                  | "                       | "                     | "             | "         |       |
| Methyl tert-butyl ether (MTBE)                | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| Methylene chloride                            | ND     | --- | 5.00                  | "                       | "                     | "             | "         |       |
| Naphthalene                                   | ND     | --- | 2.00                  | "                       | "                     | "             | "         |       |
| n-Propylbenzene                               | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| Styrene                                       | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 1,1,1,2-Tetrachloroethane                     | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| 1,1,2,2-Tetrachloroethane                     | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| Tetrachloroethene (PCE)                       | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| Toluene                                       | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 1,2,3-Trichlorobenzene                        | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 1,2,4-Trichlorobenzene                        | ND     | --- | 2.00                  | "                       | "                     | "             | "         |       |
| 1,1,1-Trichloroethane                         | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| 1,1,2-Trichloroethane                         | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| Trichloroethene (TCE)                         | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| Trichlorofluoromethane                        | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 1,2,3-Trichloropropane                        | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 1,2,4-Trimethylbenzene                        | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| 1,3,5-Trimethylbenzene                        | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| Vinyl chloride                                | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| m,p-Xylene                                    | ND     | --- | 1.00                  | "                       | "                     | "             | "         |       |
| o-Xylene                                      | ND     | --- | 0.500                 | "                       | "                     | "             | "         |       |
| <i>Surrogate: Dibromofluoromethane (Surr)</i> |        |     | <i>Recovery: 99 %</i> | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>1,4-Difluorobenzene (Surr)</i>             |        |     | <i>106 %</i>          | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>Toluene-d8 (Surr)</i>                      |        |     | <i>95 %</i>           | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |
| <i>4-Bromofluorobenzene (Surr)</i>            |        |     | <i>108 %</i>          | <i>Limits: 80-120 %</i> | "                     | "             | "         |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

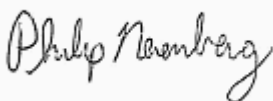
## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1103417 - EPA 5030B   |        |     |                 |       |      | Water                                                |               |      |             |     |           |       |
| Blank (1103417-BLK1)        |        |     |                 |       |      | Prepared: 03/25/11 09:27    Analyzed: 03/25/11 11:14 |               |      |             |     |           |       |
| EPA 8260B                   |        |     |                 |       |      |                                                      |               |      |             |     |           |       |
| Acetone                     | ND     | --- | 20.0            | ug/L  | 1    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Benzene                     | ND     | --- | 0.250           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromobenzene                | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromochloromethane          | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromodichloromethane        | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromoform                   | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Bromomethane                | ND     | --- | 5.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2-Butanone (MEK)            | ND     | --- | 10.0            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| n-Butylbenzene              | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| sec-Butylbenzene            | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| tert-Butylbenzene           | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Carbon tetrachloride        | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chlorobenzene               | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloroethane                | ND     | --- | 5.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloroform                  | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Chloromethane               | ND     | --- | 5.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2-Chlorotoluene             | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 4-Chlorotoluene             | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | ND     | --- | 5.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dibromochloromethane        | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dibromomethane              | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichlorobenzene         | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichlorobenzene         | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,4-Dichlorobenzene         | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| Dichlorodifluoromethane     | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethane          | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,1-Dichloroethene          | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| cis-1,2-Dichloroethene      | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| trans-1,2-Dichloroethene    | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,2-Dichloropropane         | ND     | --- | 0.500           | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 1,3-Dichloropropane         | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |
| 2,2-Dichloropropane         | ND     | --- | 1.00            | "     | "    | ---                                                  | ---           | ---  | ---         | --- | ---       |       |

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Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

## QUALITY CONTROL (QC) SAMPLE RESULTS

### Volatile Organic Compounds by EPA 8260B

| Analyte                          | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1103417 - EPA 5030B</b> |        |     |                 |       |      | <b>Water</b>                                      |               |      |             |     |           |       |
| <b>Blank (1103417-BLK1)</b>      |        |     |                 |       |      | Prepared: 03/25/11 09:27 Analyzed: 03/25/11 11:14 |               |      |             |     |           |       |
| 1,1-Dichloropropene              | ND     | --- | 1.00            | ug/L  | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| cis-1,3-Dichloropropene          | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| trans-1,3-Dichloropropene        | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Ethylbenzene                     | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Hexachlorobutadiene              | ND     | --- | 5.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 2-Hexanone                       | ND     | --- | 10.0            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Isopropylbenzene                 | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Isopropyltoluene               | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)      | ND     | --- | 10.0            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)   | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Methylene chloride               | ND     | --- | 5.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Naphthalene                      | ND     | --- | 2.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| n-Propylbenzene                  | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Styrene                          | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane        | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane        | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Tetrachloroethene (PCE)          | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Toluene                          | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichlorobenzene           | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trichlorobenzene           | ND     | --- | 2.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,1-Trichloroethane            | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,1,2-Trichloroethane            | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichloroethene (TCE)            | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Trichlorofluoromethane           | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,3-Trichloropropane           | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,2,4-Trimethylbenzene           | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| 1,3,5-Trimethylbenzene           | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| Vinyl chloride                   | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| m,p-Xylene                       | ND     | --- | 1.00            | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |
| o-Xylene                         | ND     | --- | 0.500           | "     | "    | ---                                               | ---           | ---  | ---         | --- | ---       |       |

Surr: Dibromofluoromethane (Surr)  
1,4-Difluorobenzene (Surr)  
Toluene-d8 (Surr)  
4-Bromofluorobenzene (Surr)

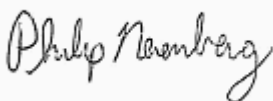
Recovery: 102 %  
105 %  
95 %  
104 %

Limits: 80-120 %  
80-120 %  
80-120 %  
80-120 %

Dilution: 1x  
"  
"  
"

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Philip Nerenberg, Lab Director



Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: Short Stop #1  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                     | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount                                         | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------|--------|-----|-----------------|-------|------|------------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| Batch 1103417 - EPA 5030B   |        |     |                 |       |      | Water                                                |               |      |             |     |           |       |
| LCS (1103417-BS1)           |        |     |                 |       |      | Prepared: 03/25/11 09:27    Analyzed: 03/25/11 10:24 |               |      |             |     |           |       |
| EPA 8260B                   |        |     |                 |       |      |                                                      |               |      |             |     |           |       |
| Acetone                     | 36.4   | --- | 20.0            | ug/L  | 1    | 40.0                                                 | ---           | 91   | 70-130%     | --- | ---       |       |
| Benzene                     | 18.3   | --- | 0.250           | "     | "    | 20.0                                                 | ---           | 92   | "           | --- | ---       |       |
| Bromobenzene                | 18.0   | --- | 0.500           | "     | "    | "                                                    | ---           | 90   | "           | --- | ---       |       |
| Bromochloromethane          | 17.6   | --- | 0.500           | "     | "    | "                                                    | ---           | 88   | "           | --- | ---       |       |
| Bromodichloromethane        | 19.9   | --- | 0.500           | "     | "    | "                                                    | ---           | 100  | "           | --- | ---       |       |
| Bromoform                   | 19.9   | --- | 1.00            | "     | "    | "                                                    | ---           | 99   | "           | --- | ---       |       |
| Bromomethane                | 26.7   | --- | 5.00            | "     | "    | "                                                    | ---           | 133  | "           | --- | ---       | Q-29  |
| 2-Butanone (MEK)            | 37.7   | --- | 10.0            | "     | "    | 40.0                                                 | ---           | 94   | "           | --- | ---       |       |
| n-Butylbenzene              | 22.5   | --- | 1.00            | "     | "    | 20.0                                                 | ---           | 112  | "           | --- | ---       |       |
| sec-Butylbenzene            | 22.9   | --- | 1.00            | "     | "    | "                                                    | ---           | 114  | "           | --- | ---       |       |
| tert-Butylbenzene           | 23.1   | --- | 1.00            | "     | "    | "                                                    | ---           | 115  | "           | --- | ---       |       |
| Carbon tetrachloride        | 19.1   | --- | 0.500           | "     | "    | "                                                    | ---           | 95   | "           | --- | ---       |       |
| Chlorobenzene               | 19.4   | --- | 0.500           | "     | "    | "                                                    | ---           | 97   | "           | --- | ---       |       |
| Chloroethane                | 40.4   | --- | 5.00            | "     | "    | "                                                    | ---           | 202  | "           | --- | ---       | EST   |
| Chloroform                  | 18.6   | --- | 1.00            | "     | "    | "                                                    | ---           | 93   | "           | --- | ---       |       |
| Chloromethane               | 21.5   | --- | 5.00            | "     | "    | "                                                    | ---           | 107  | "           | --- | ---       |       |
| 2-Chlorotoluene             | 21.5   | --- | 1.00            | "     | "    | "                                                    | ---           | 107  | "           | --- | ---       |       |
| 4-Chlorotoluene             | 22.3   | --- | 1.00            | "     | "    | "                                                    | ---           | 112  | "           | --- | ---       |       |
| 1,2-Dibromo-3-chloropropane | 18.4   | --- | 5.00            | "     | "    | "                                                    | ---           | 92   | "           | --- | ---       |       |
| Dibromochloromethane        | 19.7   | --- | 1.00            | "     | "    | "                                                    | ---           | 99   | "           | --- | ---       |       |
| 1,2-Dibromoethane (EDB)     | 19.2   | --- | 0.500           | "     | "    | "                                                    | ---           | 96   | "           | --- | ---       |       |
| Dibromomethane              | 18.2   | --- | 1.00            | "     | "    | "                                                    | ---           | 91   | "           | --- | ---       |       |
| 1,2-Dichlorobenzene         | 19.6   | --- | 0.500           | "     | "    | "                                                    | ---           | 98   | "           | --- | ---       |       |
| 1,3-Dichlorobenzene         | 18.0   | --- | 0.500           | "     | "    | "                                                    | ---           | 90   | "           | --- | ---       |       |
| 1,4-Dichlorobenzene         | 20.4   | --- | 0.500           | "     | "    | "                                                    | ---           | 102  | "           | --- | ---       |       |
| Dichlorodifluoromethane     | 18.1   | --- | 1.00            | "     | "    | "                                                    | ---           | 90   | "           | --- | ---       |       |
| 1,1-Dichloroethane          | 17.4   | --- | 0.500           | "     | "    | "                                                    | ---           | 87   | "           | --- | ---       |       |
| 1,2-Dichloroethane (EDC)    | 19.7   | --- | 0.500           | "     | "    | "                                                    | ---           | 99   | "           | --- | ---       |       |
| 1,1-Dichloroethene          | 15.4   | --- | 0.500           | "     | "    | "                                                    | ---           | 77   | "           | --- | ---       |       |
| cis-1,2-Dichloroethene      | 17.7   | --- | 0.500           | "     | "    | "                                                    | ---           | 89   | "           | --- | ---       |       |
| trans-1,2-Dichloroethene    | 17.4   | --- | 0.500           | "     | "    | "                                                    | ---           | 87   | "           | --- | ---       |       |
| 1,2-Dichloropropane         | 17.8   | --- | 0.500           | "     | "    | "                                                    | ---           | 89   | "           | --- | ---       |       |
| 1,3-Dichloropropane         | 17.8   | --- | 1.00            | "     | "    | "                                                    | ---           | 89   | "           | --- | ---       |       |
| 2,2-Dichloropropane         | 19.9   | --- | 1.00            | "     | "    | "                                                    | ---           | 100  | "           | --- | ---       |       |

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Philip Nerenberg

Philip Nerenberg, Lab Director

Coles Environmental  
750 S. Rosemont Rd.  
West Linn, OR 97068Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David ColesReported:  
04/06/11 16:21

## QUALITY CONTROL (QC) SAMPLE RESULTS

## Volatile Organic Compounds by EPA 8260B

| Analyte                          | Result | MDL | Reporting Limit | Units | Dil. | Spike Amount                                      | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----|-----------------|-------|------|---------------------------------------------------|---------------|------|-------------|-----|-----------|-------|
| <b>Batch 1103417 - EPA 5030B</b> |        |     |                 |       |      | <b>Water</b>                                      |               |      |             |     |           |       |
| <b>LCS (1103417-BS1)</b>         |        |     |                 |       |      | Prepared: 03/25/11 09:27 Analyzed: 03/25/11 10:24 |               |      |             |     |           |       |
| 1,1-Dichloropropene              | 20.4   | --- | 1.00            | ug/L  | "    | "                                                 | ---           | 102  | "           | --- | ---       |       |
| cis-1,3-Dichloropropene          | 18.1   | --- | 0.500           | "     | "    | "                                                 | ---           | 91   | "           | --- | ---       |       |
| trans-1,3-Dichloropropene        | 20.0   | --- | 1.00            | "     | "    | "                                                 | ---           | 100  | "           | --- | ---       |       |
| Ethylbenzene                     | 19.3   | --- | 0.500           | "     | "    | "                                                 | ---           | 97   | "           | --- | ---       |       |
| Hexachlorobutadiene              | 23.7   | --- | 5.00            | "     | "    | "                                                 | ---           | 119  | "           | --- | ---       |       |
| 2-Hexanone                       | 35.4   | --- | 10.0            | "     | "    | 40.0                                              | ---           | 88   | "           | --- | ---       |       |
| Isopropylbenzene                 | 22.2   | --- | 1.00            | "     | "    | 20.0                                              | ---           | 111  | "           | --- | ---       |       |
| 4-Isopropyltoluene               | 22.6   | --- | 1.00            | "     | "    | "                                                 | ---           | 113  | "           | --- | ---       |       |
| 4-Methyl-2-pentanone (MiBK)      | 36.8   | --- | 10.0            | "     | "    | 40.0                                              | ---           | 92   | "           | --- | ---       |       |
| Methyl tert-butyl ether (MTBE)   | 18.3   | --- | 1.00            | "     | "    | 20.0                                              | ---           | 92   | "           | --- | ---       |       |
| Methylene chloride               | 15.0   | --- | 5.00            | "     | "    | "                                                 | ---           | 75   | "           | --- | ---       |       |
| Naphthalene                      | 17.7   | --- | 2.00            | "     | "    | "                                                 | ---           | 88   | "           | --- | ---       |       |
| n-Propylbenzene                  | 21.8   | --- | 0.500           | "     | "    | "                                                 | ---           | 109  | "           | --- | ---       |       |
| Styrene                          | 21.1   | --- | 1.00            | "     | "    | "                                                 | ---           | 106  | "           | --- | ---       |       |
| 1,1,1,2-Tetrachloroethane        | 18.2   | --- | 0.500           | "     | "    | "                                                 | ---           | 91   | "           | --- | ---       |       |
| 1,1,2,2-Tetrachloroethane        | 19.4   | --- | 0.500           | "     | "    | "                                                 | ---           | 97   | "           | --- | ---       |       |
| Tetrachloroethene (PCE)          | 16.2   | --- | 0.500           | "     | "    | "                                                 | ---           | 81   | "           | --- | ---       |       |
| Toluene                          | 17.6   | --- | 1.00            | "     | "    | "                                                 | ---           | 88   | "           | --- | ---       |       |
| 1,2,3-Trichlorobenzene           | 20.3   | --- | 1.00            | "     | "    | "                                                 | ---           | 102  | "           | --- | ---       |       |
| 1,2,4-Trichlorobenzene           | 21.8   | --- | 2.00            | "     | "    | "                                                 | ---           | 109  | "           | --- | ---       |       |
| 1,1,1-Trichloroethane            | 18.2   | --- | 0.500           | "     | "    | "                                                 | ---           | 91   | "           | --- | ---       |       |
| 1,1,2-Trichloroethane            | 19.4   | --- | 0.500           | "     | "    | "                                                 | ---           | 97   | "           | --- | ---       |       |
| Trichloroethene (TCE)            | 18.1   | --- | 0.500           | "     | "    | "                                                 | ---           | 91   | "           | --- | ---       |       |
| Trichlorofluoromethane           | 33.3   | --- | 1.00            | "     | "    | "                                                 | ---           | 166  | "           | --- | ---       | EST   |
| 1,2,3-Trichloropropane           | 20.3   | --- | 1.00            | "     | "    | "                                                 | ---           | 102  | "           | --- | ---       |       |
| 1,2,4-Trimethylbenzene           | 23.1   | --- | 1.00            | "     | "    | "                                                 | ---           | 115  | "           | --- | ---       |       |
| 1,3,5-Trimethylbenzene           | 22.3   | --- | 1.00            | "     | "    | "                                                 | ---           | 112  | "           | --- | ---       |       |
| Vinyl chloride                   | 23.4   | --- | 0.500           | "     | "    | "                                                 | ---           | 117  | "           | --- | ---       |       |
| m,p-Xylene                       | 39.1   | --- | 1.00            | "     | "    | 40.0                                              | ---           | 98   | "           | --- | ---       |       |
| o-Xylene                         | 20.7   | --- | 0.500           | "     | "    | 20.0                                              | ---           | 104  | "           | --- | ---       |       |

Surr: Dibromofluoromethane (Surr)

Recovery: 98 %

Limits: 80-120 %

Dilution: 1x

1,4-Difluorobenzene (Surr)

108 %

80-120 %

"

Toluene-d8 (Surr)

89 %

80-120 %

"

4-Bromofluorobenzene (Surr)

97 %

80-120 %

"

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Philip Nerenberg

Philip Nerenberg, Lab Director

**Coles Environmental**  
750 S. Rosemont Rd.  
West Linn, OR 97068

Project: **Short Stop #1**  
Project Number: [none]  
Project Manager: David Coles

**Reported:**  
04/06/11 16:21

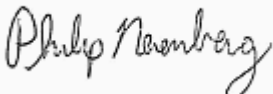
## SAMPLE PREPARATION INFORMATION

### Volatile Organic Compounds by EPA 8260B

#### **Prep: EPA 5030B**

| Lab Number            | Matrix | Method    | Sampled        | Prepared       | Sample<br>Initial/Final | Default<br>Initial/Final | RL Prep<br>Factor |
|-----------------------|--------|-----------|----------------|----------------|-------------------------|--------------------------|-------------------|
| <b>Batch: 1103417</b> |        |           |                |                |                         |                          |                   |
| A11C337-01            | Water  | EPA 8260B | 03/22/11 17:35 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-02            | Water  | EPA 8260B | 03/23/11 10:10 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-03            | Water  | EPA 8260B | 03/23/11 12:10 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-04            | Water  | EPA 8260B | 03/23/11 11:00 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-05            | Water  | EPA 8260B | 03/23/11 11:05 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-06            | Water  | EPA 8260B | 03/23/11 13:05 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-07            | Water  | EPA 8260B | 03/22/11 16:20 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |
| A11C337-08            | Water  | EPA 8260B | 03/22/11 00:00 | 03/25/11 10:27 | 5mL/5mL                 | 5mL/5mL                  | 1.00              |

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Project: **Short Stop #1**  
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**Reported:**  
04/06/11 16:21

## Notes and Definitions

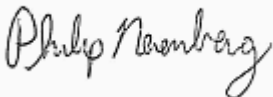
### Qualifiers:

- EST Result reported as an Estimated Value. Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high.
- Q-29 Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high.

### Notes and Conventions:

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry' designation are not dry weight corrected.
- RPD Relative Percent Difference
- MDL If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
- WMSC Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
- Batch QC Unless specifically requested, this report contains only results for Batch QC derived from client samples included in this report. All analyses were performed with the appropriate Batch QC (including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates) in order to meet or exceed method and regulatory requirements. Any exceptions to this will be qualified in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
- Blank Policy Apex assesses blank data for potential high bias down to a level equal to ½ the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses.
- For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor.
- Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.
- QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
- \*\*\* Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

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Philip Nerenberg, Lab Director

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Coles Environmental  
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Project: **Short Stop #1**

Project Number: [none]  
Project Manager: David Coles

Reported:  
04/06/11 16:21

**APEX LABS** **CHAIN OF CUSTODY** Lab # A11C337 coc 1 of 1

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: Coles Environmental Consulting Project Mgr: D.G. Coles Project Name: Short Stop Project #

Address: 750 Rosemont Rd, West Linn, OR Phone: 503-656-3102 Fax:

Sampled by: D.G. Coles Email: dcoles@colesenv.com

| SAMPLE ID | LAB ID # | DATE    | TIME | MATRIX | # OF CONTAINERS | ANALYSIS REQUEST                                                                  |                                                                               | Priority Metals (13) | BCRA Metals (6) | TCAP Metals (8) | 1200-Z | 1200-COLS |
|-----------|----------|---------|------|--------|-----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------|-----------------|-----------------|--------|-----------|
|           |          |         |      |        |                 | As, Sb, As, Ba, Be, Bi, Br, Cd, Cr, Cu, Fe, Hg, Mn, Ni, Pb, Se, Ag, Mo, Ti, V, Zn | Ag, As, Ba, Be, Bi, Br, Cd, Cr, Cu, Fe, Hg, Mn, Ni, Pb, Se, Ag, Mo, Ti, V, Zn |                      |                 |                 |        |           |
| MU-1      |          | 3/22/11 | 1735 |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| MU-2      |          | 3/23    | 1010 |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| MU-3      |          |         | 1210 |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| MU-4      |          |         | 1100 |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| MU-4D     |          |         | 1105 |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| MU-5      |          | 3/23    | 1630 |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| MU-6      |          |         |      |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |
| TB        |          |         |      |        |                 |                                                                                   |                                                                               |                      |                 |                 |        |           |

Normal Turn Around Time (TAT) = 7-10 Business Days ☒ YES ☐ NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 Day 5 Day Others: SD

SPECIAL INSTRUCTIONS: Bill Bud Pontius B+C Trucking direct.

RELINQUISHED BY: David Coles Date: 3/24/11 Signature: [Signature] RECEIVED BY: [Signature] Date: [Date]

Printed Name: D.G. Coles Time: 1730 Printed Name: [Name] Time: 1230

Company: CEC Company: Apex

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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