TOC INCOMING LETTER OF TRANSMITTAL

<table>
<thead>
<tr>
<th>Vendor/Company Name and Address:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
</tr>
<tr>
<td>Subcontract Release Number/Purchase Order:</td>
</tr>
<tr>
<td>Transmittal Number:</td>
</tr>
<tr>
<td>Project Number:</td>
</tr>
<tr>
<td>Project/Contract Title:</td>
</tr>
</tbody>
</table>

2/2/17
61485
003
005
000
02/02/17
JJ Furlong

Check the applicable designation:

- Electronic Submittals
- Construction Subcontract

Vendor is Off-Site:
WRPS/Construction Document Control/2704HV/B200K/200E
ATTN: Document Control/Mail Stop H1-41/P.O. Box 950/Richland, WA 99352

Vendor is On-Site:
WRPS C&C Document Control/2704HV/B200K/200E
ATTN: Document Control/Mail Stop S7-68/P.O. Box 850/Richland, WA 99352

No Electronic Media Will Come In Password Protected. See SOW/PO for Acceptable Formats.

- E = Electronic
- H = Hardcopy

*No Electronic Media Will Come in Password Protected. See SOW/PO for Acceptable Formats.*

Electronic Media will come via email. This can be used versus email.

Electronic Transmittal to establish a File Transfer Protocol (FTP) to send and receive vendor material.

VTDC Vendor:

[X] All other Submittals

Vendor is Off-Site:

WRPS C&C Document Control/2704HV/B200K/200E
ATTN: Document Control/Mail Stop H1-41/P.O. Box 950/Richland, WA 99352

Vendor is On-Site:

WRPS/Construction Document Control/2704HV/B200K/200E
ATTN: Document Control/Mail Stop S7-68/P.O. Box 850/Richland, WA 99352

Electronic Submittals:

Check the applicable designation:

- Hard Copy Submittals:
- Construction Subcontract

TOC INCOMING LETTER OF TRANSMITTAL
WEEK 4 REPORT – LOCAL SOURCES AND ASSOCIATED GRAPHS

JANUARY 6TH, 2017

Summary

The mobile lab operated between 6:00 AM and 4:00 PM January 6th. The field analyst primarily positioned the lab downwind of the AP farm, with some time spent driving around the 200E tank farms.

January 6th Local Sources

<table>
<thead>
<tr>
<th>Time, Date</th>
<th>Pressure</th>
<th>Temperature</th>
<th>Wind Direction</th>
<th>Wind Speed</th>
<th>Acetaldehyde</th>
<th>1-Butanol; Butenes</th>
<th>Benzene</th>
<th>2,4-Dimethylpyridine</th>
<th>1,3-Butadiene</th>
<th>Methyl Nitrite</th>
<th>CO2</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS11a, 01/06/17, 6:42:30 AM</td>
<td>1.02 bar</td>
<td>6 F</td>
<td>wind W 4 mph</td>
<td></td>
<td>acetaldehyde: 21.16 ppb</td>
<td>1-butanol; butenes: 16.05 ppb</td>
<td>benzene: 6.09 ppb</td>
<td>2,4-dimethylpyridine: 2.31 ppb</td>
<td>1,3-butadiene: 2.08 ppb</td>
<td>methyl nitrite: 1.64 ppb</td>
<td>CO2: 501 ppm</td>
</tr>
<tr>
<td>LS11b, 01/06/17, 7:23:15 AM</td>
<td>1.02 bar</td>
<td>4 F</td>
<td>wind W 4 mph</td>
<td></td>
<td>acetaldehyde: 13.54 ppb</td>
<td>1-butanol; butenes: 2.74 ppb</td>
<td>benzene: 1.53 ppb</td>
<td>1,3-butadiene: 1.22 ppb</td>
<td>methyl nitrite: 0.46 ppb</td>
<td>2,4-dimethylpyridine: 0.31 ppb</td>
<td></td>
</tr>
</tbody>
</table>

The field notes indicate the vehicle was parked while the operator checked in with the CSO. The compounds present are typical of exhaust and are accompanied by sporadic elevated CO2, although the VOC’s are not time correlated with CO2.

Encountered along the E fence line of AP farm. Does not appear to be a combustion source.
January 6th Graphs

LS11a

LS11b
January 6th Maps

200E
JANUARY 8th, 2016

Summary

The mobile lab operated between 6:00 AM and 12:30 PM January 8th. The field analyst primarily positioned the lab downwind of the AP farm, with some time spent driving around the 200E tank farms.

January 8th Local Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Time</th>
<th>Conditions</th>
<th>Concentrations</th>
</tr>
</thead>
</table>
| LS12a  | 01/08/17, 7:53:05 AM | 1.02 bar, 17 F, wind WNW 4 mph | 1-butanol; butenes: 1.73 ppb acetaldehyde: 1.24 ppb benzene: 1.23 ppb 1,3-butadiene: 1.05 ppb CO2: 402 ppm 
Detected while stationary along the E side of AP farm fence line. Source is unknown.

January 8th Graphs

LS12a
January 8th Maps

200E
JANUARY 10TH, 2017

Summary

The mobile lab operated between 7:00 AM and 8:00 AM January 10th. The mobile lab performed monitoring while driving in the area of the 200E farm, and ultimately being called out of the field by the shift office due to poor weather conditions. For the purposes of the weekly summary, nothing of note was found while the lab was in the field.