

TO: Board of Directors
FROM: Uri Papish, Executive Director
RE: Monthly Activity Report – December 2016

A. Asbestos Program:

| | <u>Clark</u> | <u>Cowlitz</u> | <u>Lewis</u> | <u>Skamania</u> | <u>Wahkiakum</u> |
|------------------------------------|--------------|----------------|--------------|-----------------|------------------|
| 1. Asbestos Activities: | | | | | |
| a. Notifications | 29 | 4 | 8 | - | - |
| b. Field investigations | 5 | 2 | 2 | - | - |
| c. Comprehensive field inspections | - | - | 1 | - | - |
| d. Telephone inquiries | 15 | 8 | 7 | - | 1 |

B. Burning Program:

| | | | | | |
|------------------------------|---|---|---|---|---|
| 1. Burning Activities | | | | | |
| a. Residential | - | - | - | - | - |
| b. Agricultural | - | - | - | - | - |
| c. Fire training | - | - | - | - | - |
| d. Land clearing | - | - | - | - | - |
| e. Other | - | - | - | - | - |

C. Non-Title V Program:

| | | | | | |
|--|----|---|---|---|---|
| 1. Non-Title V Permit Inspection Activities | | | | | |
| a. Comprehensive inspections completed | 13 | 7 | 6 | - | - |

2. Non-Title V Emission Tests Conducted December 1, 2016 through December 31, 2016:

| <u>Firm Name</u> | <u>Date</u> | <u>Equipment</u> | <u>Observed</u> |
|------------------------------|-------------|--------------------|-----------------|
| EGT, LLC | 12/23/16 | East Silo Fugitive | No |
| EGT, LLC | 12/23/16 | West Silo Fugitive | No |
| Allweather Wood, LLC | 12/22/16 | Boilers | No |
| Camas School District | 12/26/16 | Boilers | No |
| City of Camas Public Works | 12/13/16 | Boiler | No |
| Clark College / Clark Center | 12/05/16 | Boiler | No |
| Kelso School District | 12/09/16 | Boilers | No |
| Perkins Pacific | 12/04/16 | Boiler | No |
| Vancouver Armed Forces | 12/23/16 | Boiler | No |
| Vancouvercenter Development | 12/23/16 | Boiler | No |
| WaferTech, LLC | 12/29/16 | Boiler | No |
| Washington State University | 12/2/16 | Boilers | No |

3. Non-Title V Permit Program New Source Review Activities:

a. Air Discharge Permit Applications Approved/Denied/Withdrawn December 1, 2016 through December 31, 2016:

| <u>ADP No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Business Type</u> | <u>Status</u> |
|----------------|--------------------|---------------|----------------------|---------------|
| W-27 | Burns Construction | Wahkiakum | Rock Crushing | Final |
| CL-2091 | DeAtley Crushing | Clark | Rock Crushing | Final |
| CO-971 | Lifepoint | Cowlitz | Aircraft Interiors | Final |
| CO-970 | Portco Packaging | Cowlitz | Printing | Final |
| CL-2093 | Seubert Excavating | Clark | Rock Crushing | Final |
| CL-2083 | Allweather Wood | Clark | Wood Treating | Final |



b. Air Discharge Permit Applications Received December 1, 2016 through December 31, 2016:

| <u>Received</u> | <u>ADP No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Business Type</u> |
|-----------------|----------------|-------------------------------|---------------|----------------------|
| 12/21/16 | CL-2094 | Fred Meyer Fuel #93 | Clark | Gasoline Dispensing |
| 12/29/16 | CL-2095 | Pacific Crest Building Supply | Clark | Cabinet Mfg |

c. Air Discharge Permit Applications Pending for Non-Title V Sources: 9

d. Small Unit Notifications Approved/Denied/Withdrawn December 1, 2016 through December 31, 2016:

| <u>SUN No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Business Type</u> | <u>Status</u> |
|----------------|-------------------|---------------|----------------------|---------------|
| SUN-113 | Centralia College | Lewis | Education | Final |

e. Small Unit Notifications Received December 1, 2016 through December 31, 2016:

| <u>Received</u> | <u>SUN No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Business Type</u> |
|-----------------|----------------|-----------------------------|---------------|----------------------|
| 12/07/16 | SUN-129 | Kelso School District | Cowlitz | Education |
| 12/07/16 | SUN-130 | Kelso School District | Cowlitz | Education |
| 12/13/16 | SUN-131 | Washington State University | Clark | Education |

f. Emission Reduction Credit (ERC)/Offsets Approved/Denied/Withdrawn December 1, 2016 through December 31, 2016:

| <u>NOC No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Contaminant</u> | <u>Status</u> |
|----------------|------------------|---------------|--------------------|---------------|
| None | | | | |

g. Emission Reduction Credit (ERC)/ Offsets Received December 1, 2016 through December 31, 2016:

| <u>Received</u> | <u>NOC No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Contaminant</u> | <u>Status</u> |
|-----------------|----------------|------------------|---------------|--------------------|---------------|
| None | | | | | |

h. Emission Reduction Credit Applications Pending: 0

4. Non-Title V Program Complaints Received:

| <u>Source Name</u> | <u>Number of Complaints</u> | <u>County</u> | <u>Type</u> | <u>NOV Issued</u> |
|---------------------|-----------------------------|---------------|-------------|-------------------|
| a. Wood Stove: | | | | |
| 1. Occupant | 6 | Clark | Residential | |
| 2. Occupant | 2 | Cowlitz | Residential | |
| b. Industrial: | | | | |
| None | | | | |
| c. Outdoor Burning: | | | | |
| 1. Occupant | 7 | Clark | Residential | |
| 3. Occupant | 2 | Cowlitz | Residential | |
| d. Odor | | | | |
| None | | | | |
| e. Fugitive Dust: | | | | |
| None | | | | |
| f. Other | | | | |
| None | | | | |
| g. Asbestos | | | | |
| None | | | | |

5. Non-Title V Mitigated Penalties/Settlement Offers:

| <u>Name</u> | <u>Regulation Violated</u> | <u>Amount of Penalty</u> | <u>Settlement Amount</u> |
|-------------|----------------------------|--------------------------|--------------------------|
| None | | | |

6. Non-Title V Appeals Before Pollution Control Hearings Board:

| <u>Name</u> | <u>Regulation Violated</u> | <u>Amount of Penalty</u> | <u>Status</u> |
|-------------|----------------------------|--------------------------|---------------|
| None | | | |

| | | | | | |
|---|--------------|----------------|--------------|-----------------|------------------|
| 7. Non-Title V Enforcement Activity: | <u>Clark</u> | <u>Cowlitz</u> | <u>Lewis</u> | <u>Skamania</u> | <u>Wahkiakum</u> |
| a. Notices of Violation issued: | 8 | 1 | 3 | - | - |

8. Ambient Air Monitoring Data:

Explanation of Monitoring Data:

The Air Quality Index was "Good" to "Unhealthy for Sensitive Groups" this month. (The following data has not yet been validated by the Washington Department of Ecology and is considered "preliminary for internal use only".)

| | | | |
|---|---|--|---------------------------------|
| a. <u>Fine Particulate PM_{2.5} Data:</u> | <u>Highest 24 Hr. (month)</u> | <u>Standard</u> | <u>Health Standard Exceeded</u> |
| (1) Vancouver | 26.90 µg/m ³ PM _{2.5} | 35 µg/m ³ PM _{2.5} | No |
| (2) Yacolt | 16.90 µg/m ³ PM _{2.5} | 35 µg/m ³ PM _{2.5} | No |
| (3) Longview | 23.20 µg/m ³ PM _{2.5} | 35 µg/m ³ PM _{2.5} | No |
| (4) Chehalis | 13.00 µg/m ³ PM _{2.5} | 35 µg/m ³ PM _{2.5} | No |

Site Locations:

- *Site No. 1 – Federal Equivalent Method (FEM) monitor located at NE 84th Ave. water station, Vancouver, WA.
- **Site No. 2 - Nephelometer located at Yacolt School, 406 Yacolt Road, Yacolt, WA.
- **Site No. 3 - Nephelometer located at Olympic School, Longview, WA.
- **Site No. 4 – Nephelometer located at Chehalis City Hall, Chehalis, WA.

* Compliance monitor.
 **Trends monitors that could be upgraded to compliance monitor, if necessary.

Note: The term " PM_{2.5}" refers to particulate 2.5 microns or smaller. This size of particulate can reach the deepest portions of the lung, and pose the greatest threat to human health.

b. Ozone (O₃) Data:

| | | | |
|----------------------------------|------------------|------------------------|---------------------------------|
| <u>Mountain View High School</u> | <u>Monitored</u> | <u>Health Standard</u> | <u>Health Standard Exceeded</u> |
| (1) Highest 1 hour average | Seasonal | 0.120 ppm | N/A |
| (2) Highest 8 hour average | Seasonal | 0.075 ppm | N/A |

Note: Seasonal monitor operated from May 1 through October 30 of each year.

D. Title V Program:

1. Title V New Source Reviews:

a. Air Discharge Permit Applications Approved/Denied/Withdrawn December 1, 2016 through December 31, 2016:

| | | | | |
|----------------|------------------|---------------|----------------------|---------------|
| <u>ADP No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Business Type</u> | <u>Status</u> |
| None | | | | |

b. Air Discharge Permit Applications Received December 1, 2016 through December 31, 2016:

| | | | | |
|-----------------|----------------|------------------|---------------|----------------------|
| <u>Received</u> | <u>ADP No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Business Type</u> |
| None | | | | |

c. Air Discharge Permit Applications Pending for Title V Sources: 1

d. Emission Reduction Credit (ERC)/Offsets Approved/Denied/Withdrawn December 1, 2016 through December 31, 2016:

| | | | | |
|----------------|------------------|---------------|--------------------|---------------|
| <u>ERC No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Contaminant</u> | <u>Status</u> |
| None | | | | |

e. Emission Reduction Credit (ERC)/ Offsets Received December 1, 2016 through December 31, 2016:

| | | | | | |
|-----------------|----------------|------------------|---------------|--------------------|---------------|
| <u>Received</u> | <u>ERC No.</u> | <u>Firm Name</u> | <u>County</u> | <u>Contaminant</u> | <u>Status</u> |
| None | | | | | |

f. Emission Reduction Credit Applications Pending: 0

2. Title V Inspections:

| <u>Company</u> | <u>County</u> |
|-------------------------------------|---------------|
| Clark Public Utilities / River Road | Clark |
| Tesoro Savage Marine Terminal | Clark |

3. Title V Asbestos Activities:

Company
None

4. Title V Complaints Received:

| <u>Company</u> | <u>County</u> | <u>Type</u> | <u>Number of Complaints</u> | <u>Outcome</u> |
|----------------|---------------|-------------|-----------------------------|----------------|
| None | | | | |

5. Title V Notice of Violation:

| <u>Company</u> | <u>County</u> | <u>NOV Number.</u> | <u>Date</u> |
|----------------|---------------|--------------------|-------------|
| None | | | |

6. Title V Mitigated Penalties/Settlement Offers:

| <u>Name</u> | <u>Regulation Violated</u> | <u>Amount of Penalty</u> | <u>Settlement Amount</u> |
|-------------|----------------------------|--------------------------|--------------------------|
| None | | | |

7. Title V Emission Tests Conducted December 1, 2016 through December 31, 2016:

| <u>Firm Name</u> | <u>Date</u> | <u>Source</u> | <u>Observed</u> |
|--------------------------------|-------------|---------------|-----------------|
| TransAlta Centralia Generation | 12/13/16 | Unit #2 | Yes |
| TransAlta Centralia Generation | 12/14/16 | Unit #2 | No |

8. Title V Permits Status:

| <u>Plant Name</u> | <u>Permit Number</u> | <u>Issue Date</u> | <u>Permit Status</u> |
|---|----------------------|-------------------|-----------------------|
| a. Owens Brockway Glass Container | SW10-17-R0 | 02/19/16 | Current |
| b. Cardinal FG | SW08-14-R0 | 09/14/16 | Renewal Received |
| c. PacifiCorp Chehalis Power | EFSEC 06-01-R2 | 12/29/16 | Current |
| d. City of Vancouver – Westside | SW97-1-R2 | 01/26/16 | Current |
| e. Clark Public Utilities-River Rd Generating Plant | SW99-9-R2 | 04/05/11 | Current |
| f. Cowlitz County Headquarters Landfill | SW14-20-R0 | - | Review by Applicant |
| g. Eagle US 2 | SW16-21-R0 | 09/08/16 | Application Received |
| h. Emerald Kalama Chemical, LLC | SW99-10-R2 | 07/09/14 | Renewal Received |
| i. Hampton Lumber Mills-Randle | SW97-4-R3 | 06/12/15 | Renewal Received |
| j. Hampton Lumber Mills-Morton | SW97-5-R2 | 08/09/16 | Draft |
| k. Mint Farm Generation LLC | SW08-15-R1 | 06/12/15 | Renewal Received |
| l. Northwest Pipeline-Chehalis | SW98-6-R2 | 09/19/11 | Current |
| m. Northwest Pipeline-Washougal | SW98-7-R2 | 09/19/11 | Current |
| n. Sierra Pacific Industries – Centralia | SW09-16-R1 | 06/23/14 | Renewal Received |
| o. TransAlta Centralia Generation | SW98-8-R4A | 03/14/16 | Current |
| p. TransAlta Centralia Mining | SW01-12-R2 | 01/10/12 | Current |
| q. WaferTech, LLC | SW12-19-R0 | - | Withdrawn |
| r. Tesoro Savage Marine Terminal | None – EFSEC | | New Proposed Facility |

9. Title V Significant Events During The Month:

None

E. Public Education Program:

| | <u>Clark</u> | <u>Cowlitz</u> | <u>Lewis</u> | <u>Skamania</u> | <u>Wahkiakum</u> |
|--|--------------|----------------|--------------|-----------------|------------------|
| 1. Public Education Activities | | | | | |
| a. Number of public presentations | - | 20 | - | - | - |
| b. Number of educational materials produced | - | - | - | - | - |
| c. Media contacts | - | - | - | - | - |
| d. Meetings | - | - | - | - | - |
| e. Other – educational materials | 40 | - | - | - | - |
| 2. Wood Stove Education Activities: | | | | | |
| a. Distribution of materials | 9 | - | - | - | - |
| b. Field investigations | 1 | - | - | - | - |
| c. Telephone inquiries | 6 | 2 | - | - | - |
| 3. Significant Events During The Month: | | | | | |
| a. Participate in TV Performance Audit Committee. | | | | | |
| b. Attend NWECC Conference and Present, 12/06/16. | | | | | |
| c. Participate in WA Air Permit Writers Group, 12/15/16. | | | | | |
| 4. Other Public Education Activities: | | | | | |
| None | | | | | |

F. Summary of All SWCAA Programs

| | <u>Hours Spent This Month</u> | <u>Percent Of Resources</u> |
|---------------------------------|-------------------------------|-----------------------------|
| 1. Work Activity Summary | | |
| a. Asbestos Program | 126.7 | 4.88% |
| b. Title V Program | 615.8 | 23.74% |
| c. Non-Title V Program | 1698.0 | 65.46% |
| d. Burning Program | 115.6 | 4.46% |
| e. Public Education Program | <u>37.9</u> | <u>1.46%</u> |
| TOTAL | 2594.0 | 100% |

| | <u>Clark</u> | <u>Cowlitz</u> | <u>Lewis</u> | <u>Skamania</u> | <u>Wahkiakum</u> | <u>Total</u> |
|---|--------------|----------------|--------------|-----------------|------------------|--------------|
| 2. Sources Registered with Agency: | | | | | | |
| a. Sources Added This Month | 2 | - | - | - | - | 2 |
| b. Sources Deleted This Month | - | - | - | - | - | - |
| c. Gasoline Stations - Large | 121 | 43 | 38 | 3 | 2 | 207 |
| d. Gasoline Stations – Small | 38 | 34 | 35 | 4 | 4 | 115 |
| e. Dry Cleaners | 19 | 3 | 2 | - | - | 24 |
| f. Title V Sources & EFSEC | 4 | 4 | 8 | - | - | 16 |
| g. Total Large Active Sources | 375 | 164 | 122 | 10 | 6 | 677 |

3. Monthly Revenues: See December 2016 Financial Report.

4. Monthly Expenses By Program: See December 2016 Financial Report.