



Monthly Activity Report

April 1 to April 30, 2015

Regulated sources, by county

	Island	Skagit	Whatcom	Portable	Total
Air operating permit sources	1	13	12	0	26
Registered sources	30	131	198	16	375
Totals	31	144	210	16	401

Construction permit applications received

Permit No.	Source	County	Received	Project description
RO43	Hexcel Corporation	Skagit	04/07/15	Carbon fiber manufacturer requesting permit limit on emissions to retain status as minor air pollution source.
880c	Chemtrade Solutions LLC	Skagit	04/24/15	Sulfuric acid manufacturer requests a modification to an existing permit to clarify requirements for the sulfuric acid plant unit auxiliary heater.
650d and 307b	Chemtrade Solutions LLC	Skagit	04/24/15	Sulfuric acid manufacturer requests a modification to an existing permit to clarify requirements for the sulfur recovery unit.
458d	Chemtrade Solutions LLC	Skagit	04/24/15	Sulfuric acid manufacturer requests a modification to an existing permit to clarify requirements for the sulfuric acid plant unit.
1214	Tesoro Refining & Marketing Co.	Skagit	04/27/15	Refinery replacement of the existing naphtha hydrotreating (NHT) reactor with a new reactor. The NHT is used to remove sulfur and other contaminants from gasoline-like feed.
1215	Shell Puget Sound Refinery	Skagit	04/30/15	Construction of a new refinery laboratory building.

Construction permit decisions

Permit No.	Source	County	Processing time (60 days max)	Project description	Action taken
1210	BP West Coast Products LLC	Whatcom	24	Requested concurrence that proposed sulfur recovery complex maintenance activities don't require a construction permit.	Determination issued - permit not required

Construction permit decisions (cont.)

Permit No.	Source	County	Processing time (60 days max)	Project description	Action taken
1201a	BP West Coast Products LLC	Whatcom	20	Modify equipment to increase efficiency in the process to remove sulfur from petroleum products.	Permit issued
1012d	Phillips 66 Company	Whatcom	48	Requesting increased nitrogen oxide emission limit for up to two weeks a year during maintenance on air pollution control device.	Permit issued

Alleged violations

Case No.	Issue Date	Source	County	Alleged violation description
4137	04/02/15	Bellingham Cleaning Center	Whatcom	Failure to perform 6 weekly leak inspections from December 1, 2014 through March 20, 2015.
4136	04/09/15	Silvostar Forest Products LLC - Ferndale	Whatcom	On March 13, 2015, Silvostar Forest Products LLC – Ferndale, self-reported that they exceeded their volatile organic compound (VOC) limit for the months of January and February 2015.
4139	04/09/15	Juan Sanchez	Skagit	Illegal demolition and burning of two single family residences. The burn pile was approximately 20' x 20' x 4' and contained prohibited material in the form of demolition debris. Failure to notify and perform asbestos surveys prior to demolition, and failure to abate asbestos.
4138	04/13/15	Jerod and Amber Barth	Skagit	Illegal outdoor fire. Pile size was approximately 20' x 20' x 15' and contained prohibited material in the form of railroad ties, construction debris, and household garbage.
4140	04/15/15	Robert W. Wilson	Skagit	Illegal outdoor fire. Pile size was approximately 8' x 8' x 1' and contained prohibited material in the form of commercial garbage, plastics, and paper.

Penalties issued

Case No.	Source	County	Amount	Conditionally reduced or suspended ¹ to	Alleged violation description
4108	Whatcom Builders, Inc. - Ferndale	Whatcom	\$8,500	\$5,000	Confirmed nuisance odors at multiple residences.
4129	Tesoro Refining & Marketing Company LLC	Skagit	\$12,000	NA	Failure to monitor 873 newly-installed valves for two successive months. When monitored, eight valves were found leaking, resulting in 120.4 pounds of excess volatile organic compound (VOC) emissions. *NOTE: Case 4129, issued Feb. 5, 2014, was inadvertently left out of the March Board Report.
4134	Evarardo "Peepa" Nuno	Skagit	\$2,155	NA	Contractor using illegal landfill to dispose of construction site debris through illegal burning and burial.

¹ In some cases, NWCAA offers air pollution sources the opportunity to reduce their penalty by agreeing to specific actions that go beyond compliance requirements. Alternatively, a portion of a penalty may be suspended, holding the remainder of the penalty due if the violation is repeated within 5 years.

Penalties issued (cont.)

Case No.	Source	County	Amount	Conditionally reduced or suspended ² to	Alleged violation description
4131	Mount Baker Products, Inc.	Whatcom	\$22,100	NA	Facility did not perform required source testing for particulate matter, carbon monoxide, and nitrogen oxides in 2014.

Process upsets reported with excess emissions

Date	Source	County	Description
04/10/15	BP West Coast Products LLC	Whatcom	Product flaring in preparation for maintenance activities resulted in excess NOx emissions. Initial estimates indicate emissions greater than 1,000 pounds NOx.
04/19/15	Phillips 66 Company	Whatcom	Emissions of SO2 from the No. 1 and No. 2 sulfur recovery units at the sulfur plant exceeded limits. Quantity of excess SO2 emissions hasn't yet been reported.
04/23/15	BP West Coast Products LLC	Whatcom	Potential exceedance of SO2 limits due to a malfunction at the sulfur plant No. 2 tail gas unit. Quantity of excess SO2 emissions hasn't yet been reported.
04/24/15	Chemtrade Solutions LLC	Skagit	Visible emissions estimated at 40% opacity observed for 20 minutes during start-up of the sulfuric acid plant.
04/27/15	Puget Sound Energy - Encogen	Whatcom	Upset resulting in excess NOx emissions from the No. 2 and No. 3 combustion turbines. Quantity of excess NOx emissions hasn't yet been reported.

Complaint Summary

Number of complaints by type

Asbestos	2
Dust, Road/Lot or Construction	1
Industrial Emissions	2
Marijuana	2
Odor	17
Outdoor Burning	10
Prohibited Material	1
Smoke	2
Woodstove	7
TOTAL: (unique calls received for the period)	44

² In some cases, NWCAA offers air pollution sources the opportunity to reduce their penalty by agreeing to specific actions that go beyond compliance requirements. Alternatively, a portion of a penalty may be suspended, holding the remainder of the penalty due if the violation is repeated within 5 years.

